

**CITY OF DELAWARE  
CITY COUNCIL  
CITY COUNCIL CHAMBERS  
1 SOUTH SANDUSKY STREET  
5:30 P.M. NOTE TIME CHANGE**

**AGENDA**

REGULAR MEETING

AUGUST 24, 2015

1. ROLL CALL
2. INVOCATION
3. PLEDGE OF ALLEGIANCE – Grace Welch, Methodist Theological School
4. MOTION TO EXCUSE At Large Council Member Kent Shafer
5. APPROVAL of the Motion Summary of the regular meeting of Council held August 10, 2015, as recorded and transcribed.
6. CONSENT AGENDA
  - A. Acceptance of the Motion Summaries for the Civil Service Commission meetings held June 15 and July 13, 2015.
  - B. Acceptance of the Motion Summary for the Finance Committee meeting held February 12, 2015.
  - C. Acceptance of the Motion Summary for the Parks and Recreation Advisory Board meeting held July 21, 2015.
  - D. Resolution No. 15-41, a resolution accepting the public improvements for the Communities at Glenross, Section 4.
  - E. Resolution No. 15-42, a resolution accepting the public improvements for Belmont Place, Phase 1, Section 1.
7. LETTERS, PETITIONS, AND PUBLIC COMMENTS
8. COMMITTEE REPORTS
9. PRESENTATIONS:
  - A. Proclamation recognizing Elijah Campbell for his service to veterans.
  - B. Delaware General Health District Update – Shelia Hiddleston, Health Commissioner
10. CONSIDERATION of Resolution No. 15-43, a resolution naming the street where Veterans Park and the Community Center/YMCA are located as

Veterans Drive.

11. CONSIDERATION of Resolution No. 15-44, a resolution accepting the amounts and rates as determined by the Budget Commission and authorizing the necessary tax levies and certifying them to the County Auditor for Tax Year 2015/Budget Year 2016.
12. CONSIDERATION of Resolution No. 15-45, a resolution adopting the 2016-2020 Five-Year Capital Improvement Program (CIP). There will be a brief overview of the CIP.
13. 6:30 P.M. PUBLIC HEARING AND SECOND READING of Ordinance No. 15-75, an ordinance approving a Conditional Use Permit for Kroger Distribution Center to install an above-ground hydrogen storage tank at 2000 Nutter Lane on approximately 162 acres zoned M-2 (General Manufacturing District) with text limitations.
14. 6:45 P.M. PUBLIC HEARING AND SECOND READING of Ordinance No. 15-76, an ordinance approving a Conditional Use Permit for Delaware City Schools for an addition, renovation and site improvements for Woodward Elementary School on approximately 4.55 acres zoned R-4 (Medium Density Residential District) and located at 200 South Washington Street.
15. SECOND READING of Ordinance No. 15-77, an ordinance approving a Combined Preliminary and Final Development Plan for Delaware City Schools for an addition, renovation, and site improvements for Woodward Elementary School on approximately 4.55 acres zoned R-4 (Medium Density Residential District) and located at 200 South Washington Street.
16. 7:00 P.M. PUBLIC HEARING AND SECOND READING of Ordinance No. 15-78, an ordinance approving a Rezoning from R-6 (Multi-Family Residential District) to PO/I PMU (Planned Office/Institutional District with a Planned Mixed Use Overlay District) for Ohio Wesleyan University for small living units (SLU's) Phases 1-5 on approximately 1.373 acres located on the north side of Rowland Avenue between South Washington Street and South Liberty Street.
17. 7:00 P.M. PUBLIC HEARING AND SECOND READING of Ordinance No. 15-79, an ordinance approving a Conditional Use Permit for Ohio Wesleyan University allowing the placement of a PMU (Planned Mixed Use Overlay District) to be established for small living units (SLU's) Phases 1-5 on approximately 1.373 acres located on the north side of Rowland Avenue between South Washington Street and South Liberty

Street.

18. SECOND READING of Ordinance No. 15-80, an ordinance approving a Preliminary Development Plan for Ohio Wesleyan University for small living units (SLU's) Phases 1-5 on approximately 1.373 acres located on the north side of Rowland Avenue between South Washington Street and South Liberty Street on property zoned PO/I PMU (Planned Office/Institutional District with a Planned Mixed Use Overlay District).
19. SECOND READING of Ordinance No. 15-81, an ordinance approving a Final Development Plan for Ohio Wesleyan University for small living units (SLU's) Phase 1 on approximately 1.373 acres located on the north side of Rowland Avenue between South Washington Street and South Liberty Street on property zoned PO/I PMU (Planned Office/Institutional District with a Planned Mixed Use Overlay District).
20. 7:15 P.M. PUBLIC HEARING AND SECOND READING of Ordinance No. 15-60, an ordinance to amend Sections 191.03 and 191.14 of the Codified Ordinances of the City of Delaware, Ohio, to provide for the continuation of an existing fifteen one-hundredths of one percent (0.15%) levy on income by the City for the purpose of improving municipal recreation facilities and paying the debt services charges on securities issued for that purpose, but to provide that the final calendar year in which that tax may be levied shall be the calendar year in which the debt service charges on securities issued for that purpose and outstanding as of June 1, 2015, and on any securities hereafter issued to refund those securities, have been fully paid or provided for.
21. CONSIDERATION of Ordinance No. 15-87, an ordinance supplementing the 2015 Appropriations Ordinance, to provide additional funding for a professional engineering contract with Pomeroy & Associates to provide a Storm Water Study, and declaring an emergency.
22. CONSIDERATION of Ordinance No. 15-88, an ordinance amending Ordinance 15-57 establishing the pay and benefits for various part-time, intermittent, and seasonal employees of the City of Delaware.
23. CONSIDERATION of Ordinance No. 15-89, an ordinance supplementing the 2015 Appropriations Ordinance to establish funding for material upgrades at the CSX rail crossings of London Road and Pennsylvania Avenue, and authorizing the City Manager to enter into agreements with CSX as required, and declaring an emergency,
24. CONSIDERATION of Ordinance No. 15-90, an ordinance supplementing the 2015 Appropriations Ordinance to provide additional funding for land

development-Engineering Professional Services, and declaring an emergency.

25. CONSIDERATION of Ordinance No. 15-91, an ordinance establishing an assessment for the improvement of public streets and easements located at the rail crossing across Pittsburgh Drive and providing all necessary appurtenances thereto.
26. CONSIDERATION of Ordinance No. 15-92, an ordinance supplementing the 2015 Appropriations Ordinance to provide additional funding for contracted labor and to reduce the appropriation for wages and benefits, and declaring an emergency.
27. **EXECUTIVE SESSION:** pursuant to Ohio Revised Code Section 121.22 (G) (3) pending or imminent court action, Section 121.22 (G) (1) personnel, Section 121.22 (G) (5) matters required to be kept confidential by State statute, Section 121.22 (G) (2) acquisition of property for public purpose and 121.22(G) (8) consideration of confidential information related to a request for economic development assistance.
28. FINANCE DIRECTOR'S REPORT
29. CITY MANAGER'S REPORT
30. COUNCIL COMMENTS
31. ADJOURNMENT

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Meeting

BEAR GRAPHICS 800-325-8094 FORM NO. 10148

Held August 10

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The regular meeting of August 10, 2015 was called to order at 5:30 p.m., in the City Council Chambers. The following members of Council were present: First Ward Chris Jones, Third Ward Joe DiGenova, Fourth Ward Andrew Brush, At Large Kent Shafer, Vice Mayor George Hellinger and Mayor Carolyn Kay Riggie who presided. Absent from the meeting was Second Ward Lisa Keller. The invocation was given by Mr. DiGenova, followed by the Pledge of Allegiance.

Staff Present: Dave Efland, Planning and Community Development Director, Scott Stowers, IT Director, Dean Stelzer, Finance Director, Dan Whited, Public Service Group Director, Darren Shulman, City Attorney, Brad Stanton, Public Utilities Director, Stacy Davenport, Parks Superintendent, Bruce Pijanowski, Police Chief, , and Tom Homan, City Manager

**Motion to Excuse:** Mr. Jones moved to excuse Mrs. Keller, seconded by Mr. DiGenova. Motion approved by a 6-0 vote.

#### **ITEM 4: APPROVAL OF MINUTES**

APPROVAL of the Motion Summary of the regular meeting of Council held July 27, 2015, as recorded and transcribed.

**Motion:** Mr. Brush moved to approve the Motion Summary of the regular meeting of Council held July 27, 2015, as recorded and transcribed, seconded by Mr. Shafer. Motion approved by a 5-0-1 (DiGenova) vote.

#### **ITEM 5: CONSENT AGENDA**

- A. Resolution No. 15-39, a resolution authorizing the City Manager to apply for the Ohio Attorney General's Drug Use Prevention Grant Program for the 2015-2016 school year.
- B. Resolution No. 15-40, a resolution accepting public improvements for the Estates at Braumiller, Section 5.
- C. Acceptance of the Motion Summary for the Historic Preservation Commission meeting held June 24, 2015.
- D. Acceptance of the Motion Summary for the Shade Tree Commission meeting held June 23, 2015.
- E. Acceptance of the Motion Summary for the Planning Commission meeting held July 1, 2015.
- F. Establish August 24, 2015 at 6:30 p.m. as the date and time for a public hearing and second reading of Ordinance No. 15-75, an ordinance approving a Conditional Use Permit for Kroger Distribution Center to install an above-ground hydrogen storage tank at 2000 Nutter Lane on approximately 162 acres zoned M-2 (General Manufacturing District) with text limitations.
- G. Establish August 24, 2015 at 6:45 as the date and time for a public hearing and second reading of Ordinance No. 15-76, an ordinance approving a Conditional Use Permit for Delaware City Schools for an addition, renovation and site improvements for Woodward Elementary School on approximately 4.55 acres zoned R-4 (Medium Density Residential District) and located at 200 South Washington Street.
- H. Establish August 24, 2015 at 7:00 p.m. as the date and time for a public hearing and second reading of Ordinance No. 15-78, an ordinance approving a Rezoning from R-6 (Multi-Family Residential District) to PO/I PMU (Planned Office/Institutional District with a

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BEAR GRAPHICS 800-325-8094 FORM NO. 1014B

Held August 10

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Planned Mixed Use Overlay District) for Ohio Wesleyan University for small living units (SLU's) Phases 1-5 on approximately 1.373 acres located on the north side of Rowland Avenue between South Washington Street and South Liberty Street and Ordinance No. 15-79, an ordinance approving a Conditional Use Permit for Ohio Wesleyan University allowing the placement of a PMU (Planned Mixed Use Overlay District) to be established for small living units (SLU's) Phases 1-5 on approximately 1.373 acres located on the north side of Rowland Avenue between South Washington Street and South Liberty Street.

- I. Establish August 24, 2015 at 7:15 p.m. as the date and time for a public hearing and second reading of Ordinance No. 15-60, an ordinance to amend Sections 191.03 and 191.14 of the Codified Ordinances of the City of Delaware, Ohio, to provide for the continuation of an existing fifteen one-hundredths of one percent (0.15%) levy on income by the City for the purpose of improving municipal recreation facilities and paying the debt services charges on securities issued for that purpose, but to provide that the final calendar year in which that tax may be levied shall be the calendar year in which the debt service charges on securities issued for that purpose and outstanding as of June 1, 2015, and on any securities hereafter issued to refund those securities, have been fully paid or provided for.

**Motion:** Mr. DiGenova moved to approve the Consent Agenda, seconded by Mr. Shafer. Motion approved by a 6-0 vote.

## **ITEM 6: LETTERS, PETITIONS, AND PUBLIC COMMENTS**

### **ITEM 7: COMMITTEE REPORTS**

Mr. Jones stated that the Parks and Recreation Advisory Board meeting will be held August 18, 2015.

Mr. DiGenova stated that the Board of Zoning Appeals meeting for August was cancelled.

Mr. Shafer indicated that the Parking and Safety meeting will be held August 17, 2015.

### **ITEM 8: CONSIDERATION of a New Liquor Permit**

- A. From Delaware Dog, LLC, DBA The Delaware Dog, 1<sup>st</sup> Fl & Bsmt, 23 N. Sandusky St., Delaware, OH 43015 to MOHIO Pizza Co., LLC, DBA MOHIO Pizza, 1<sup>st</sup> Fl & Bsmt, 23 N. Sandusky St., Delaware, OH 43015. Permit Class D5.

#### **APPLICANT:**

Monroe Nelson  
6467 Taggart Rd.  
Delaware, Ohio

**Motion:** Mr. Brush moved to approve the Liquor Permit for MOHIO Pizza Co., seconded by Mr. Shafer. Motion approved by a 6-0 vote.

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ITEM 9: PRESENTATIONS

- A. Proclamation presentation to Officer Rita Mendel honoring her for her years of dedicated service to the City of Delaware and its citizens.
B. Proclamation presentation to Evan Lamping for his heroic efforts.
C. Sister City Annual Report, Rand Guebert, Sister City Advisory Board Chairman

ITEM 10: DISCUSSION ITEMS:

- A. Troy Township Update, Doug Price, Township Trustee

PUBLIC PARTICIPATION:

Doug Price
2335 Horseshoe Rd.
Delaware, Ohio

Mr. Price discussed the developing well issues in Troy Township and their request for the City of Delaware to reevaluate the annexation policy. Mr. Price proposed that if sewer lines become available then the annexation agreement would become effective.

Mr. Stanton discussed the 2019 water extension project and the plans to set up a groundwater monitoring program.

- B. Parks and Natural Resource Director Update, Stacy Davenport, Parks Superintendent

Mr. Davenport discussed the potential benefits to employ a Parks and Natural Resource Director.

ITEM 11: ORDINANCE NO. 15-55 [Fourth Reading]

AN ORDINANCE SUPPLEMENTING THE 2015 APPROPRIATIONS ORDINANCE TO PROVIDE FUNDING TO HIRE A PERMANENT PART-TIME POSITION IN THE FINANCE DEPARTMENT, AND DECLARING AN EMERGENCY.

The Clerk read the ordinance for the fourth time.

Motion: Mr. Brush moved to enact the emergency clause for Ordinance No. 15-55, seconded by Mr. Shafer. Motion approved by a 6-0 vote.

Motion: Mr. Brush moved to enact Ordinance No. 15-55, seconded by Mr. Shafer. Motion approved by a 6-0 vote

ITEM 12: ORDINANCE NO. 15-68 [Public Hearing and Third Reading]

AN ORDINANCE APPROVING A REZONING AMENDMENT FROM A-1 (AGRICULTURAL DISTRICT) TO R-2 PMU (ONE-FAMILY RESIDENTIAL DISTRICT WITH A PLANNED MIXED USE OVERLAY DISTRICT) FOR VINCENT ROMANELLI FOR GLENROSS NORTH SUBDIVISION ON APPROXIMATELY 100 ACRES LOCATED JUST EAST OF GLENN PARKWAY AND NORTH OF THE GLENROSS GOLF CLUB.

The Clerk read the ordinance for the third time.

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Mr. Efland reviewed the proposed site plan and provided information on the phasing plans. Information was provided on the central park location that will be HOA maintained, but open to the public.

APPLICANT:

David Fisher  
207 N. 4th St.  
Columbus, Ohio

Vincent Romanelli  
148 W. Schrock Rd.  
Westerville, Ohio

Mr. Fisher stated that they are agreeable to all recommendations by the Planning Commission and staff.

Mr. DiGenova discussed the need for a larger community park to be considered in the area upon future development.

There was no public participation.

**Motion:** Mr. Brush moved to adopt Ordinance No. 15-68, seconded by Mr. DiGenova. Motion approved by a 6-0 vote.

**ITEM 13: ORDINANCE NO. 15-69** [Public Hearing and Third Reading]

AN ORDINANCE APPROVING A CONDITIONAL USE PERMIT ALLOW THE PLACEMENT OF A PMU (PLANNED MIXED USE OVERLAY DISTRICT) FOR VINCENT ROMANELLI TO BE ESTABLISHED FOR GLENROSS NORTH SUBDIVISION ON APPROXIMATELY 100 ACRES LOCATED JUST EAST OF GLENN PARKWAY AND NORTH OF THE GLENROSS GOLF CLUB.

The Clerk read the ordinance for the third time.

There was no public participation.

**Motion:** Mr. Brush moved to adopt Ordinance No. 15-69, seconded by Mr. DiGenova. Motion approved by a 6-0 vote.

**ITEM 14: ORDINANCE NO. 15-70** [Third Reading]

AN ORDINANCE APPROVING A PRELIMINARY DEVELOPMENT PLAN FOR VINCENT ROMANELLI FOR GLENROSS NORTH SUBDIVISION FOR 196 SINGLE-FAMILY LOTS ON APPROXIMATELY 100 ACRES LOCATED JUST EAST OF GLENN PARKWAY AND NORTH OF THE GLENROSS GOLF CLUB ON PROPERTY ZONED R-2 PMU (ONE-FAMILY RESIDENTIAL DISTRICT WITH A PLANNED MIXED USE OVERLAY DISTRICT).

The Clerk read the ordinance for the third time.

**Motion:** Mr. Brush moved to adopt Ordinance No. 15-70, seconded by Mr. DiGenova. Motion approved by a 6-0 vote.

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**ITEM 15: ORDINANCE NO. 15-71** [Third Reading]

AN ORDINANCE APPROVING A PRELIMINARY SUBDIVISION PLAT FOR VINCENT ROMANELLI FOR GLENROSS NORTH SUBDIVISION FOR 196 SINGLE-FAMILY LOTS ON APPROXIMATELY 100 ACRES LOCATED JUST EAST OF GLENN PARKWAY AND NORTH OF THE GLENROSS GOLF CLUB ON PROPERTY ZONED R-2 PMU (ONE-FAMILY RESIDENTIAL DISTRICT WITH A PLANNED MIXED USE OVERLAY DISTRICT).

The Clerk read the ordinance for the third time.

**Motion:** Mr. Brush moved to adopt Ordinance No. 15-71, seconded by Mr. DiGenova. Motion approved by a 6-0 vote.

**ITEM 16: ORDINANCE NO. 15-73** [Second Reading]

AN ORDINANCE SUPPLEMENTING THE 2015 APPROPRIATIONS ORDINANCE TO PROVIDE FUNDING TO HIRE A FULL-TIME POSITION IN THE LEGAL DEPARTMENT TO PROSECUTE DELINQUENT INCOME TAX CASES AND TO PROVIDE OTHER LEGAL ASSISTANCE.

The Clerk read the ordinance for the second time.

**Motion:** Mr. Brush moved to adopt Ordinance No. 15-73, seconded by Mr. Shafer. Motion approved by a 6-0 vote.

**ITEM 17: ORDINANCE NO. 15-75** [First Reading]

AN ORDINANCE APPROVING A CONDITIONAL USE PERMIT FOR KROGER DISTRIBUTION CENTER TO INSTALL AN ABOVE-GROUND HYDROGEN STORAGE TANK AT 2000 NUTTER LANE ON APPROXIMATELY 162 ACRES ZONED M-2 (GENERAL MANUFACTURING DISTRICT) WITH TEXT LIMITATIONS.

The Clerk read the ordinance for the first time.

A public hearing has been set for August 24, 2015 at 6:30 p.m.

**ITEM 18: ORDINANCE NO. 15-76** [First Reading]

AN ORDINANCE APPROVING A CONDITIONAL USE PERMIT FOR DELAWARE CITY SCHOOLS FOR AN ADDITION, RENOVATION AND SITE IMPROVEMENTS FOR WOODWARD ELEMENTARY SCHOOL ON APPROXIMATELY 4.55 ACRES ZONED R-4 (MEDIUM DENSITY RESIDENTIAL DISTRICT) AND LOCATED AT 200 SOUTH WASHINGTON STREET.

The Clerk read the ordinance for the first time.

A public hearing has been set for August 24, 2015 at 6:45 p.m.

**ITEM 19: ORDINANCE NO. 15-77** [First Reading]

AN ORDINANCE APPROVING A COMBINED PRELIMINARY AND FINAL DEVELOPMENT PLAN FOR DELAWARE CITY SCHOOLS FOR AN ADDITION, RENOVATION AND SITE IMPROVEMENTS FOR WOODWARD ELEMENTARY SCHOOL ON APPROXIMATELY 4.55 ACRES ZONED R-4 (MEDIUM DENSITY RESIDENTIAL DISTRICT) AND LOCATED AT 200 SOUTH WASHINGTON STREET.

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The Clerk read the ordinance for the first time.

**ITEM 20: ORDINANCE NO. 15-78** [First Reading]

AN ORDINANCE APPROVING A REZONING FROM R-6 (MULTI-FAMILY RESIDENTIAL DISTRICT) TO PO/I PMU (PLANNED OFFICE/INSTITUTIONAL DISTRICT WITH A PLANNED MIXED USE OVERLAY DISTRICT) FOR OHIO WESLEYAN UNIVERSITY FOR SMALL LIVING UNITS (SLU'S) PHASES 1-5 ON APPROXIMATELY 1.373 ACRES LOCATED ON THE NORTH SIDE OF ROWLAND AVENUE BETWEEN SOUTH WASHINGTON STREET AND SOUTH LIBERTY STREET.

The Clerk read the ordinance for the first time.

A public hearing has been established for August 24, 2015 at 7:00 p.m.

**ITEM 21: ORDINANCE NO. 15-79** [First Reading]

AN ORDINANCE APPROVING A CONDITIONAL USE PERMIT FOR OHIO WESLEYAN UNIVERSITY ALLOWING THE PLACEMENT OF A PMU (PLANNED MIXED USE OVERLAY DISTRICT) TO BE ESTABLISHED FOR SMALL LIVING UNITS (SLU'S) PHASES 1-5 ON APPROXIMATELY 1.373 ACRES LOCATED ON THE NORTH SIDE OF ROWLAND AVENUE BETWEEN SOUTH WASHINGTON STREET AND SOUTH LIBERTY STREET.

The Clerk read the ordinance for the first time.

A public hearing has been established for August 24, 2015 at 7:00 p.m.

**ITEM 22: ORDINANCE NO. 15-80** [First Reading]

AN ORDINANCE APPROVING A PRELIMINARY DEVELOPMENT PLAN FOR OHIO WESLEYAN UNIVERSITY FOR SMALL LIVING UNITS (SLU'S) PHASES 1-5 ON APPROXIMATELY 1.373 ACRES LOCATED ON THE NORTH SIDE OF ROWLAND AVENUE BETWEEN SOUTH WASHINGTON STREET AND SOUTH LIBERTY STREET ON PROPERTY ZONED PO/I PMU (PLANNED OFFICE/INSTITUTIONAL DISTRICT WITH A PLANNED MIXED USE OVERLAY DISTRICT).

The Clerk read the ordinance for the first time.

**ITEM 23: ORDINANCE NO. 15-81** [First Reading]

AN ORDINANCE APPROVING A FINAL DEVELOPMENT PLAN FOR OHIO WESLEYAN UNIVERSITY FOR SMALL LIVING UNITS (SLU'S) PHASE 1 ON APPROXIMATELY 1.373 ACRES LOCATED ON THE NORTH SIDE OF ROWLAND AVENUE BETWEEN SOUTH WASHINGTON STREET AND SOUTH LIBERTY STREET ON PROPERTY ZONED PO/I PMU (PLANNED OFFICE/INSTITUTIONAL DISTRICT WITH A PLANNED MIXED USE OVERLAY DISTRICT).

The Clerk read the ordinance for the first time.

**ITEM 24: ORDINANCE NO. 15-82** [First Reading]

AN ORDINANCE APPROVING A FINAL SUBDIVISION PLAT FOR MI HOMES OF CENTRAL OHIO FOR LANTERN CHASE PHASE 2 SECTION 6 PART 1 CONSISTING OF 47 SINGLE-FAMILY LOTS ON 11.974 ACRES ZONED R-3 (ONE-FAMILY RESIDENTIAL DISTRICT) LOCATED NORTH OF SILVERSMITH LANE.

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The Clerk read the ordinance for the first time.

Mr. Efland provided a presentation of the Final Subdivision Plat.

APPLICANT:

Jeff Strung  
5500 New Albany Road  
Columbus, Ohio

**Motion:** Mr. Shafer moved to suspend the rules for Ordinance No. 15-82, seconded by Mr. DiGenova. Motion approved by a 6-0 vote.

**Motion:** Mr. Shafer moved to adopt Ordinance No. 15-82, seconded by Mr. DiGenova. Motion approved by a 6-0 vote.

**ITEM 25: ORDINANCE NO. 15-83** [First Reading]

AN ORDINANCE APPROVING A FINAL DEVELOPMENT PLAN FOR STG DEVELOPMENT LTD FOR VILLAGE GATE APARTMENTS PHASE 2 CONSISTING OF 68 UNITS ON 6.8 ACRES ON PROPERTY ZONED R-6 (MULTI-FAMILY RESIDENTIAL DISTRICT) LOCATED NORTH OF BOWTOWN ROAD AND AT THE TERMINUS OF FERGUSON AVENUE JUST WEST OF THE EXISTING VILLAGE GATE APARTMENTS.

The Clerk read the ordinance for the first time.

Mr. Efland reviewed the zoning map and proposed site plan.

APPLICANT:

Megan Cyr  
350 Worthington Rd., Suite B  
Westerville, Ohio

Jack Wendell  
536 S. Wall St., Suite 300  
Columbus, Ohio

**Motion:** Mr. Brush moved to suspend the rules for Ordinance No. 15-83, seconded by Mr. Shafer. Motion approved by a 6-0 vote.

**Motion:** Mr. Brush moved to adopt Ordinance No. 15-83, seconded by Mr. Shafer. Motion approved by a 6-0 vote.

**ITEM 26: ORDINANCE NO. 15-84** [First Reading]

AN ORDINANCE APPROVING AN AMENDED PRELIMINARY DEVELOPMENT PLAN FOR PULTE HOMES OF OHIO FOR THE COMMUNITIES AT GLENROSS SECTIONS 6-10 FOR 166 SINGLE-FAMILY LOTS ON 84.04 ACRES ZONED R-2 PMU (ONE-FAMILY RESIDENTIAL DISTRICT WITH A PLANNED MIXED USE OVERLAY DISTRICT) LOCATED NORTH OF CHESHIRE ROAD BETWEEN BALMORAL DRIVE AND THE RAILROAD TRACKS.

The Clerk read the ordinance for the first time.

APPLICANT:

Steve Peck

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4900 Tuttle Crossing Blvd.  
Dublin, Ohio

**Motion:** Mr. DiGenova moved to suspend the rules for Ordinance No. 15-84, seconded by Mr. Jones. Motion approved by a 6-0 vote.

**Motion:** Mr. DiGenova moved to adopt Ordinance No. 15-84, seconded by Mr. Jones. Motion approved by a 6-0 vote.

**ITEM 27: ORDINANCE NO. 15-85** [First Reading]  
AN ORDINANCE APPROVING AN AMENDED PRELIMINARY SUBDIVISION PLAT FOR PULTE HOMES OF OHIO FOR THE COMMUNITIES AT GLENROSS SECTIONS 6-10 FOR 166 SINGLE-FAMILY LOTS ON 84.04 ACRES ZONED R-2 PMU (ONE-FAMILY RESIDENTIAL DISTRICT WITH A PLANNED MIXED USE OVERLAY DISTRICT) LOCATED NORTH OF CHESHIRE ROAD BETWEEN BALMORAL DRIVE AND THE RAILROAD TRACKS.

The Clerk read the ordinance for the first time.

APPLICANT:  
Steve Peck  
4900 Tuttle Crossing Blvd.  
Dublin, Ohio

**Motion:** Mr. DiGenova moved to suspend the rules for Ordinance No. 15-85, seconded by Mr. Jones. Motion approved by a 6-0 vote.

**Motion:** Mr. DiGenova moved to adopt Ordinance No. 15-85, seconded by Mr. Jones. Motion approved by a 6-0 vote.

**ITEM 28: ORDINANCE NO. 15-86** [First Reading]  
AN ORDINANCE SUPPLEMENTING THE 2015 APPROPRIATIONS ORDINANCE TO PROVIDE FUNDING FOR THE ISSUANCE OF A REFUND OF MONEY COLLECTED PURSUANT TO SECTION 1129.13 (G) OF THE CITY'S CODIFIED ORDINANCES, AND DECLARING AN EMERGENCY.

The Clerk read the ordinance for the first time.

**Motion:** Mr. Brush moved to suspend the rules for Ordinance No. 15-86, seconded by Mr. Jones. Motion approved by a 6-0 vote.

**Motion:** Mr. Brush moved to enact the emergency clause for Ordinance No. 15-86, seconded by Mr. Jones. Motion approved by a 6-0 vote.

**Motion:** Mr. Brush moved to adopt Ordinance No. 15-86, seconded by Mr. Jones. Motion approved by a 6-0 vote.

**ITEM 29: ORDINANCE NO. 15-60** [First Reading]  
AN ORDINANCE TO AMEND SECTIONS 191.03 AND 191.14 OF THE CODIFIED ORDINANCES OF THE CITY OF DELAWARE, OHIO, TO PROVIDE FOR THE CONTINUATION OF AN EXISTING FIFTEEN ONE-HUNDREDTHS OF ONE PERCENT (0.15%) LEVY ON INCOME BY THE CITY FOR THE PURPOSE OF IMPROVING MUNICIPAL RECREATION FACILITIES AND PAYING THE DEBT SERVICES CHARGES ON

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SECURITIES ISSUED FOR THAT PURPOSE, BUT TO PROVIDE THAT THE FINAL CALENDAR YEAR IN WHICH THAT TAX MAY BE LEVIED SHALL BE THE CALENDAR YEAR IN WHICH THE DEBT SERVICE CHARGES ON SECURITIES ISSUED FOR THAT PURPOSE AND OUTSTANDING AS OF JUNE 1, 2015, AND ON ANY SECURITIES HEREAFTER ISSUED TO REFUND THOSE SECURITIES, HAVE BEEN FULLY PAID OR PROVIDED FOR.

The Clerk read the ordinance for the first time.

A public hearing has been set for August 24, 2015 at 7:15 p.m.

**ITEM 30: EXECUTIVE SESSION:** PURSUANT TO OHIO REVISED CODE SECTION 121.22 (G) (3) PENDING OR IMMINENT COURT ACTION, SECTION 121.22 (G) (1) PERSONNEL, SECTION 121.22 (G) (5) MATTERS REQUIRED TO BE KEPT CONFIDENTIAL BY STATE STATUTE, SECTION 121.22 (G) (2) ACQUISITION OF PROPERTY FOR PUBLIC PURPOSE AND 121.22(G) (8) CONSIDERATION OF CONFIDENTIAL INFORMATION RELATED TO A REQUEST FOR ECONOMIC DEVELOPMENT ASSISTANCE.

Mayor Riggle requested a break at 7:31 p.m. Mayor Riggle reconvened the meeting at 7:36 p.m.

Mr. Brush moved to enter into Executive Session at 7:36 p.m. This motion was seconded by Mr. Jones and approved by a 6-0 vote. Council met in executive session pursuant to Ohio Revised Code Section pursuant to Ohio Revised Code Section 121.22 (G) (3) pending or imminent court action, Section 121.22 (G) (1) personnel, Section 121.22 (G) (5) matters required to be kept confidential by State statute, Section 121.22 (G) (2) acquisition of property for public purpose and 121.22(G) (8) Consideration of Confidential Information Related To A Request For Economic Development Assistance. Council conducted a discussion of those items with the following members present: First Ward Chris Jones, Third Ward Joe DiGenova, Fourth Ward Andrew Brush, At Large Kent Shafer, Vice Mayor George Hellinger and Mayor Carolyn Kay Riggle. Following the discussion at 8:01 p.m., it was moved by Mr. Brush that Council move into Open session, seconded by Mr. Shafer and approved by 6-0 vote

**ITEM 31: CITY MANAGER'S REPORT**

Mr. Homan discussed changing the time for the work session scheduled September 12, 2015 due to the PPG's 50<sup>th</sup> Anniversary Celebration.

Mr. Homan indicated that the RFP for the AMI project will be issued August 11, 2015.

Mr. Homan plans to provide his bi-weekly report to Council on Monday, August 17, 2015.

Mr. Homan discussed the recruitment process for the Economic Development Specialist position.

# RECORD OF PROCEEDINGS

Minutes of Delaware City Council

Meeting

BEAR GRAPHICS 800-325-8094 FORM NO. 10148

Held August 10

20 15

**ITEM 32: COUNCIL COMMENTS**

Vice-Mayor Hellinger stated that he and Mr. Shafer attended the Operation Lifesaver Ohio training course that provides awareness and safety training at railroad crossings.

Mayor Riggle indicated the joining of the American Legion and AMVETS.

**ITEM 33: ADJOURNMENT**

**Motion:** Mr. DiGenova moved to adjourn the meeting, seconded by Mr. Brush. The meeting adjourned at 8:02 p.m.

\_\_\_\_\_  
Mayor Carolyn Kay Riggle

\_\_\_\_\_  
Elaine McCloskey, Council Clerk

**MOTION SUMMARY  
CIVIL SERVICE COMMISSION  
JUNE 15, 2015**

**1. ROLL CALL**

Julie William called roll.

Members Present: Jack Hilborn, April Nelson and Michael Robinson  
Jack Hilborn called the meeting to order at 3:00 pm.

Staff Present: City Attorney Darren Shulman, Assistant City Manager Jackie Walker, Human Resource Manager Jessica Feller, Fire Chief John Donahue, Police Chief Bruce Pijanowski, City Council Member Lisa Keller

**2. APPROVAL OF THE MOTION SUMMARIES OF THE REGULAR MEETINGS OF CIVIL SERVICE COMMISSION HELD MAY 6, 2015, AS RECORDED AND TRANSCRIBED.**

**MOTION:** On a motion made by Michael and seconded by April the vote to approve of the motion summaries as presented was unanimously approved by a 3-0 vote.

**3. PRESENT THE FIREFIGHTER HIRING PROCESS PROPOSALS**

Ten proposals are presented by Chief John Donahue. Proposal one includes changes to the qualifications. Proposal two includes changes to the written to the examination/administration. Proposal three includes changes to the scoring. Proposal four includes the use of a rolling list. Proposal five includes changes to the administration of a validated physical agility test. Proposal six includes changes to the City physical agility test. Proposal seven includes changes to the oral panel interview scoring. Proposal seven includes changes to the oral panel interview composition. Proposal eight includes changes to the additional points. Proposal nine includes changes to the certification process. Proposal ten includes the addition of part time firefighter recruitment.

Darren clarifies that the role of the commission is limited to establishing processes based on merit and fitness.

April requests a copy of the PowerPoint as is presented.

Jack inquires of the certification changes as they pertain to the length of time invested to obtain the paramedic certification. Chief Donahue reports the process takes twelve to thirteen months. Jack asks for the amount of working hours that constitute a part time firefighter position. Chief Donahue states less than thirty-five working hours per week. Part time firefighters would work every other shift day. Jack asks if it is typical for other departments to permit practice physical agility. Jessica reports the CPAT and the Firefighter Mile do allow for practice testing. Jack asks about the citizen identification process for developing the interview panel. Chief Donahue states advertising is done on our website for citizen panel members and a training process is provided. Mike asks for information to be provided on total applicant costs as compared to other jurisdictions. Chief Donahue states he will provide that information, and that paramedic training is around \$4000.

Firefighter Joe Murphy speaks on behalf of the Local IAFF that they have some safety concerns however; discussions regarding the proposals will come following the meeting this evening with the Local IAFF

Firefighter/Paramedic Tim Pyle states that his concerns include the statements made that the process mirrors the police process; the cost to the written exam; background investigation processes; what the passing score is and consists of; the rolling list and does it allow a candidate to be passed over just to take someone entering the list; the cost of the agility test; mirroring police in terms of required training vs. not required; justification of passing over candidates; part time- why not mirror police; and the negative consequences of ensuring this doesn't happen for candidates turning down part-time.

Firefighter/Paramedic Blaise Stojkov questions if our current process is or isn't fair, or if we even need to ensure it is a fair process? Fair processes don't always make for the best playing field.

**4. EXTEND THE FIREFIGHTER LIST**

Chief Donahue reports that there are two open positions to be filled currently and asks for one additional month, if the commission is not comfortable certifying the list to continue for the entire two year period.

**MOTION:** On a motion made by Mike and seconded by April the extension of the firefighter certified list was unanimously approved for extension to September 18, 2015 by a 3-0 vote.

**5. AMEND THE POLICE OFFICER LIST**

One candidate took another position. Another candidate withdrew due to personal reasons.

**MOTION:** On a motion made by April and seconded by Mike the amendment of the police officer list was unanimously approved by a 3-0 vote.

**6. PUBLIC COMMENT**

There was no additional public comment.

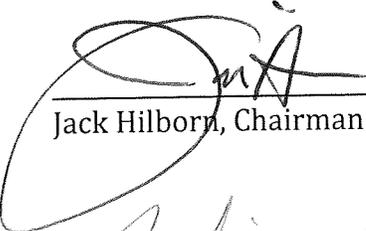
**7. COMMISSION MEMBERS COMMENT**

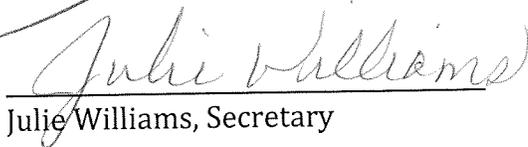
April asked for some clarification regarding the reinstatement of Jared Wood reflected in the February 4, 2015 meeting minutes.

The next Civil Service meeting is agreed to be moved from Tuesday, July 1 to Monday, July 13, 2015.

**8. MEETING ADJOURNMENT**

Chairman Hilborn adjourned the meeting at 4:05 p.m.

  
\_\_\_\_\_  
Jack Hilborn, Chairman

  
\_\_\_\_\_  
Julie Williams, Secretary

**MOTION SUMMARY  
CIVIL SERVICE COMMISSION  
JULY 13, 2015**

**1. ROLL CALL**

Julie William called roll.

Members Present: Jack Hilborn, April Nelson and Michael Robinson  
Jack Hilborn called the meeting to order at 3:05pm.

Staff Present: City Attorney Darren Shulman, City Manager Tom Homan, Human Resource Manager Jessica Feller, Fire Chief John Donahue, Police Chief Bruce Pijanowski

**2. APPROVAL OF THE MOTION SUMMARIES OF THE REGULAR MEETINGS OF CIVIL SERVICE COMMISSION HELD JUNE 15, 2015, AS RECORDED AND TRANSCRIBED.**

**MOTION:** On a motion made by Michael and seconded by April the vote to approve of the motion summaries as presented was unanimously approved by a 3-0 vote.

**3. AMEND THE POLICE OFFICER LIST**

Three (3) names have been removed. Kenneth Okine self removed. Tyler Brewer and Ryan Sutphin have been removed as a result of background issues.

**MOTION:** On a motion made by April and seconded by Michael the vote to approve the amendment of the police officer certified list was unanimously approved by a 3-0 vote.

**4. PRESENT THE FIREFIGHTER HIRING PROCESS PROPOSALS**

Tom Homan presents his memorandum on the Implementation of a Part-Time Firefighter Hiring Program. John Donahue presents the final draft of the Part-Time Firefighter Program and Firefighter Hiring Process and addresses questions.

1. Qualifications-recommending EMT certifications to be accepted.
2. Costs- Paramedic certification-\$4,984. Written test is \$40 and \$7 for each additional one. CPAT agility \$125 and Firefighter Mile agility is \$60 and \$90 and they are good for one year. The current written test is \$10. The in-house agility has no cost to the candidate.
3. Scoring -The written exam score will account for 50% of total. There will be multiple written exam dates and scores will be accepted on a continual basis.
4. Physical agility- three (3) tests are being recommended.
  1. City Physical Agility Test
  2. Candidate Physical Aptitude (CPAT)
  3. Firefighter Mile

The goal is to have a validated test as the current physical agility done in house is not validated and could be challenged on validity and fairness. A complete assessment done by a 3<sup>rd</sup> party that would be based on current job

descriptions, runs, timelines, etc. would need to be done to validate the current agility test.

5. Oral interview score to account for 50% of final score with a passing score of 75%.
6. Additional points for paramedic certification is 10.
7. If no full-time position exists, candidates may be offered a part-time position.

A meeting between the Chief and the Firefighters resulted in changes being made based upon grounds that were agreed upon. The part-time firefighter program has been approved by the City. The Civil Service Commission is now tasked with approving the recruitment process.

Joe Murphy, Firefighter and President of the Local IAFF presented a PowerPoint presentation outlining the portions of the proposed process the local IAFF take opposing positions on to include:

1. The increase of paramedic certification points.
2. The increased cost and change of the written examination process.
3. Oral interview percentage to account for 50% and the possibility of Skype being utilized.
4. Physical agility and the number of offered tests, and increased costs to candidates.
5. Hiring part-time firefighters and the potential negative impact on full time applicants. A potential increase in cost to part-time firefighters, and a concern of the City reducing full-time fighters.

April Nelson states if there are local hiring issues, they could be coming from in-house issues. April challenges the Firefighters and the Chief to take a look at what those might be.

Jim Oberle, Firefighter, proposes two (2) different lists; One (1) for part-time firefighters candidates and one (1) for full-time candidates. Candidates could be on both lists.

Tom Homan expressed the importance of the part-time program and the commitment to hire full-time firefighters first. The program offers the opportunity to hire full-time firefighters from part-time. The City's last two (2) firefighters hired were part-time firefighters elsewhere. The program can, and has worked, in jurisdictions such as Washington Township and Dublin where firefighters have to come through a part-time internship prior to being hired full time. It gives a good perspective for evaluating potential full-time employees.

Joe Murphy distributes the City of Piqua Fire Department Part-Time Staffing Evaluation and refers specifically to page 23 "City of Delaware Consultation-Failed Part-Time Program". April states the program was under Chief Macklin and is a different one altogether. The date of the evaluation was 2010 and comments based within are based on concerns of the past. The issues of concern have been addressed with this program.

April states that in regards to the physical agility test, she is in favor of validating the current test. There is value in our staff doing the test and seeing candidates-seeing the quality of the candidates and participating in providing the encouragement. Darren Shulman notes this also adds a wrinkle of danger in what people are doing subjectively. April states she does not have a problem with taking the written examination to another 3<sup>rd</sup> party administrator.

Jack states that he would like to see the firefighters and City staff come together again to come to a closer agreement on the proposals.

Darren states there is no more movement to be made on the paramedic certification as changes have been made by the City to get closer to an agreement. In regards to the physical agility, the City is proposing several be offered and to do an evaluation of the best process. Otherwise, there would be candidates who would be missing out on the opportunity when for various reasons are unable to make the in-house physical agility. The hiring of part-time firefighters is not likely one that can be agreed upon. The City has selected a method that is a fair hiring process.

Joe agrees there are three (3) major issues in dispute.

Jack Hilborn states he would like a draft of those three (3) issues be brought together before the Commission. It is understood and agreed by both parties that the three (3) structural issues are not likely to be agreed upon.

**6. PUBLIC COMMENT**

There was no additional public comment.

**7. COMMISSION MEMBERS COMMENT**

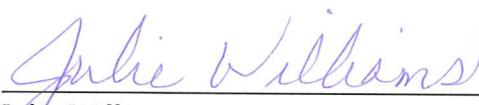
**8. MEETING ADJOURNMENT**

Chairman Hilborn adjourned the meeting at 4:45 p.m.



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Jack Hilborn, Chairman



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Julie Williams, Secretary

**FINANCE COMMITTEE**  
**February 12, 2015**  
**MOTION SUMMARY**

ITEM 1. Roll Call

Chairman Brush called the meeting to order at 4:04 p.m.

Members Present: Vice-Mayor George Hellinger, Vice-Chairman DiGenova and Chairman Andrew Brush

Staff Present: Dean Stelzer, Finance Director and Tom Homan, City Manager

ITEM 2. Approval of the Motion Summary for the meeting held November 20, 2014, as recorded and transcribed.

**Motion:** Vice Mayor Hellinger moved to approve the Motion Summary for November 20, 2014, as recorded and transcribed, seconded by Vice-Chairman DiGenova. Motion approved by a 3-0 vote.

ITEM 3. Performance Audit-Auditor of State, Michael E. Day, CFE, GCAP

Performance Audit will be rescheduled due to the fact that Michael E. Day was unable to attend the meeting.

ITEM 4. April Debt Issue

Mr. Stelzer discussed the Analysis of 2015 Financings, and discussed the various purposes of notes, including the Glenn Road North improvements. Mr. Stelzer discussed the sidewalk repair program, EMS Apparatus, and Recreation Facility Improvements.

Mr. Stelzer further discussed the improvement plan for Glenn Road North, including the pre-construction bids, estimated cost for construction, contingency, and inspection and testing. Also discussed was the financing for the improvements, as well as the North Community Authority revenues and fund balance. A discussion was held on the importance of moving forward with the improvements.

**Motion:** Vice-Chairman DiGenova moved to forward the recommendations to City Council on bonding issues at the next Council meeting, seconded by Vice-Mayor Hellinger. Motion approved by a 3-0 vote.

ITEM 5. Income Tax Prosecution

Mr. Stelzer provided a summary of Income Tax Docket. Mr. Stelzer discussed

the difficulty enforcing compliance in filing of required income tax. Mr. Stelzer discussed the use of an intern to assist in notifying violators. Mr. Stelzer provided recommendations and input on the diversion program and the benefits of the program completed by the current Intern.

Mr. Brush voiced the importance of providing support to the diversion program.

#### ITEM 6. Transparency in Government

Mr. Stelzer provided information on the new web program that is offered by the State of Ohio to access a database for constituents to review the finances of the State.

Mr. Brush discussed the need for transparency, but does feel that the City of Delaware is already providing this as meeting agendas and minutes are available online, as well as the budget. A discussion was held on making the current City of Delaware website more user-friendly to increase transparency.

#### ITEM 7. CIP Updates-Budget Changes

Mr. Homan discussed the potential need for a supplemental for the CIP for HVAC repairs. Mr. Homan also discussed the grant for resurfacing Sandusky Street and the grant for downtown recycling. Mr. Stelzer discussed the importance of annual CIP reviews.

#### ITEM 8. Member Comments

#### ITEM 9. Next Meeting Date

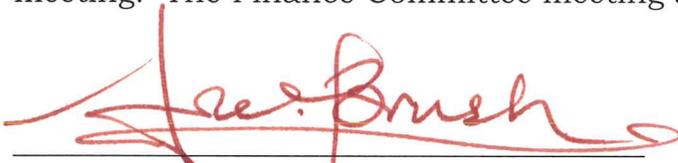
The next meeting date to be determined.

ITEM 10. **EXECUTIVE SESSION:** pursuant to Ohio Revised Code Section 121.22 (G) (3) pending or imminent court action, Section 121.22 (G) (1) personnel, Section (g) (5) matters required to be kept confidential by State statute and Section 121.22(G) (8) consideration of confidential information related to a request for economic development assistance.

Executive Session deemed not necessary.

ITEM 11. Adjournment

**Motion:** Vice Mayor Hellinger moved to adjourn the Finance Committee meeting. The Finance Committee meeting adjourned at 5:19 p.m.



Andrew Brush, Chairman



Elaine McCloskey, Clerk

**PARKS AND RECREATION ADVISORY BOARD**  
**MOTION SUMMARY**  
**July 21, 2015**

ITEM 1. Roll Call

The Parks and Recreation Advisory Board meeting was called to order at 7:00 p.m.

Members Present: Cassie Cunningham, Matt Polites, Julie German, Allyson Lash, Lucas Ratliff, Dianna Hibinger, Joshua Bricker, and Nicole LaMar-Nelson

Members Absent: Vice-Chairwoman Jennifer Davis and Councilmember Chris Jones

Staff Present: Stacy Davenport, Parks Superintendent

ITEM 2. MOTION TO EXCUSE

**Motion:** Mr. Polites moved to excuse Vice-Chairwoman Davis and Councilmember Jones, seconded by Ms. Lash. Motion approved by an 8-0 vote.

ITEM 3. APPROVAL of the Motion Summary for the meeting held June 16, 2015 as recorded and transcribed.

**Motion:** Mr. Bricker moved to approve the Motion Summary for the meeting held June 16, 2015 as recorded and transcribed, seconded by Mr. Polites. Motion approved by a 7-0-1 (La-Mar-Nelson).

ITEM 4. ELECTION of Chairperson and Vice-Chairperson

**Motion:** Mr. Polites moved to elect Ms. Lash as Chairperson of the Parks and Recreation Advisory Board, seconded by Ms. Hibinger. Motion approved by an 8-0 vote.

**Motion:** Mr. Polites moved to elect Ms. Davis as Vice-Chairwoman of the Parks and Recreation Advisory Board, seconded by Ms. German. Motion approved by an 8-0 vote.

ITEM 5. PARKS TOUR

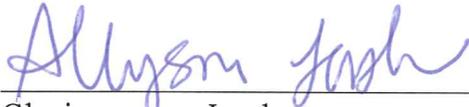
Mr. Davenport provided information on the duties and responsibilities of the Parks staff at the multiple city parks. Mr. Davenport provided information on his staffing, trash pickup schedules at parks, mowing schedules, and working with Main Street Delaware for holiday lights. The following parks were visited

on the tour:

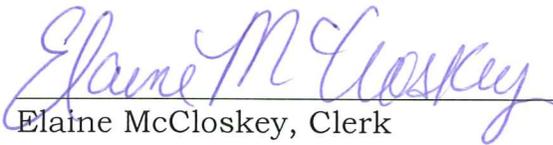
- a. Bicentennial Park - Mr. Davenport explained that this park is at times rented out for weddings and for the Harmony in the Park program.
- b. Ross Street Park- A discussion was held on the use of the park by the Southwest Community Initiative for the community gardens program.
- c. Belle Ave Park- Mr. Davenport discussed the play area.
- d. Stratford Woods Park- Mr. Davenport explained that staff met with the neighborhood to plan various park amenities. Park improvements were reviewed.
- e. Cheshire Park- Mr. Davenport provided an update on the fountain/aeration system that is to be installed.
- f. Glenn Ross Park- Mr. Davenport explained that the park was developed alongside the Home Owners Association. Information provided on future plans to extend the walking trails.
- g. Eastside Park- Mr. Davenport provided information on improvements provided by the Parks Levy Funds.
- h. Wetlands (Mill Run) Park-Dog Park- Mr. Davenport provided a description of the layout and amenities for the Dog Park. Information provided on the cost savings to extend the parking lot with the use of recycled materials. A discussion was held on the role Ohio Wesleyan University has on the maintenance of the Wetlands.
- i. Kensington Park- A discussion was held on the research and progress of attempting to find replacement metal backboards for the basketball hoops.
- j. Mingo Park- Mr. Davenport indicated that the asphalt resurfacing for the tennis courts has been delayed due to rain.
- k. Riverview Park- Mr. Davenport provided the location of the park and that the park has been closed for two years due to construction of water treatment plant.
- l. Oakhurst Park- Mr. Davenport provided information on the neighborhood park with plans for a new swing set and slide.
- m. Smith Park- A discussion was held on the various projects completed at the park by Park Levy Funding. A discussion was held on connecting the trails through the Master Bike Plan.
- n. Shelbourne Forest Park - information was provided on the walking trail that connects one part of the neighborhood development to the other.
- a. Nottingham Park- A discussion was held on the amenities at the park and the landscaping changes.
- o. Lexington Glen Park- Information was provided on new play toy to be installed at a later date.
- p. Locust Curve Park-Location of park identified and maintenance of the park.
- q. Veterans Park- Mr. Davenport provided information on the groundbreaking of the park on July 25, 2015. A description of the Splash and Play location and amenities was provided.

- r. Carson Farms Park- A discussion was held on the amenities of the park including trails, play toy, tennis courts, and basketball pad.
- s. Sunnyview PPG Park- A discussion was held on the green space area that was requested by surrounding neighbors.
- t. Marvin Lane Park- Information was provided on the location and new play toy.
- u. Hidden Valley Golf Course- Mr. Davenport provided information on the staffing of the Golf Course.
- v. Blue Limestone Park- Mr. Davenport provided an update on the current projects.

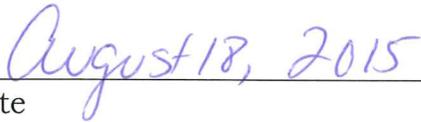
**Motion:** Chairwoman Lash moved to adjourn the Parks and Recreation meeting, seconded by Ms. German. The meeting adjourned at 8:49 p.m.



Chairwoman Lash



Elaine McCloskey, Clerk



Date



## FACT SHEET

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AGENDA ITEM NO: CONSENT ITEM D      DATE: 8-24-15  
ORDINANCE NO:                                      RESOLUTION NO: 15-41  
READING: FIRST                                      PUBLIC HEARING: NO

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TO:                      Mayor and Members of City Council  
FROM:                 R. Thomas Homan, City Manager  
VIA:                    Bill Ferrigno, Public Works Director/City Engineer

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**TITLE OF PROPOSED ORDINANCE/RESOLUTION:**

A RESOLUTION ACCEPTING THE PUBLIC IMPROVEMENTS FOR THE COMMUNITIES AT GLENROSS, SECTION 4.

**BACKGROUND:**

This resolution conditionally accepts the now completed public improvements consisting of streets, water distribution, sanitary sewer and stormwater drainage for Communities at Glenross, Section 4, except for the installation of lighting. A one year performance bond has been posted for the lighting, covering expense necessary to repair work due to deficiencies or failure of materials or workmanship.

**REASON WHY LEGISLATION IS NEEDED:**

This legislation is required in order to provide conformance to city code and publicly accept the infrastructure for the development prior to allowing a final plat to be recorded. The recording of the plat allows the creation of lots upon which home construction can begin.

**COMMITTEE RECOMMENDATION:**

N/A

**FISCAL IMPACT(S):**

N/A

**POLICY CHANGES:**

N/A

**PRESENTER(S):**

Bill Ferrigno, Public Works Director/City Engineer

**RECOMMENDATION:**

Approval

**ATTACHMENT(S):**

Summary Report





CITY OF DELAWARE, OHIO  
PUBLIC WORKS DEPARTMENT

MEMORANDUM

TO: David Efland, Planning Director

FROM: William L. Ferrigno, P.E., Public Works Director, City Engineer

CC: Brad Stanton, Director of Public Utilities

SUBJECT: Recommendation for Acceptance of Public Improvements for  
Communities at Glenross, Section 4

DATE: 8/24/15

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Communities at Glenross, Section 4 is the next phase of the 586 lot, 373.9 acre residential subdivision located on the north side of Cheshire Road, just east of Glenn Parkway. Section 4 includes 34 single family lots on 12.935 acres. of 35 lots on 8.89 acres of ground. Construction for this project commenced in October 2014 and has been recently completed.

All utilities including storm sewer, sanitary sewer, waterlines, and roadways were constructed in accordance with current city engineering specifications and are in consideration to be publicly owned and operated. All utility lines and roadways have been inspected and found to be in acceptable condition by the Public Works Department. The estimated value of new public improvements totals \$ 828,351 and in accordance with City Codified Ordinance Section 1111.06, a two year maintenance bond has been posted by the developer, Pulte Homes of Ohio LLC, which would cover the expense of necessary repair work due to deficiencies or failure of materials or workmanship. Also, a one year performance bond has been posted, which covers lighting yet to be installed and tested. The developer has paid all required plan review and construction inspection fees. Upon your satisfaction that all non-engineering related requirements have been completed as specified in the approved subdivision plans or other written commitments, we recommend acceptance of public improvements by the City.

mls

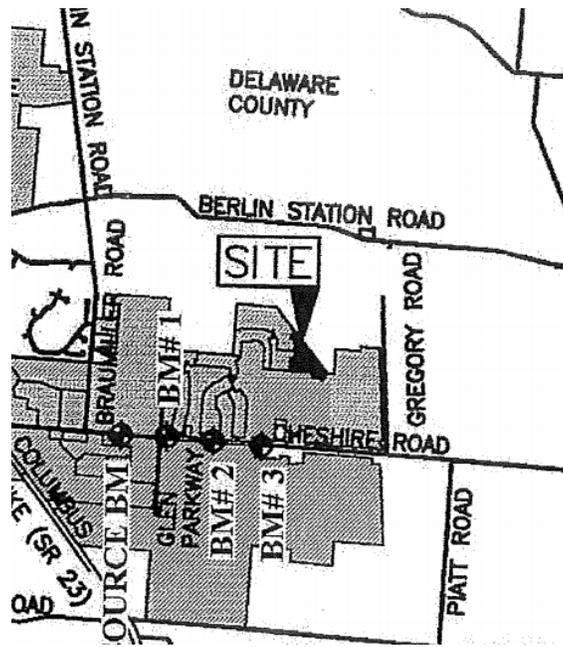
Attachments

CC: Public Improvements Ordinance File  
Communities at Glenross Section 4 Project File

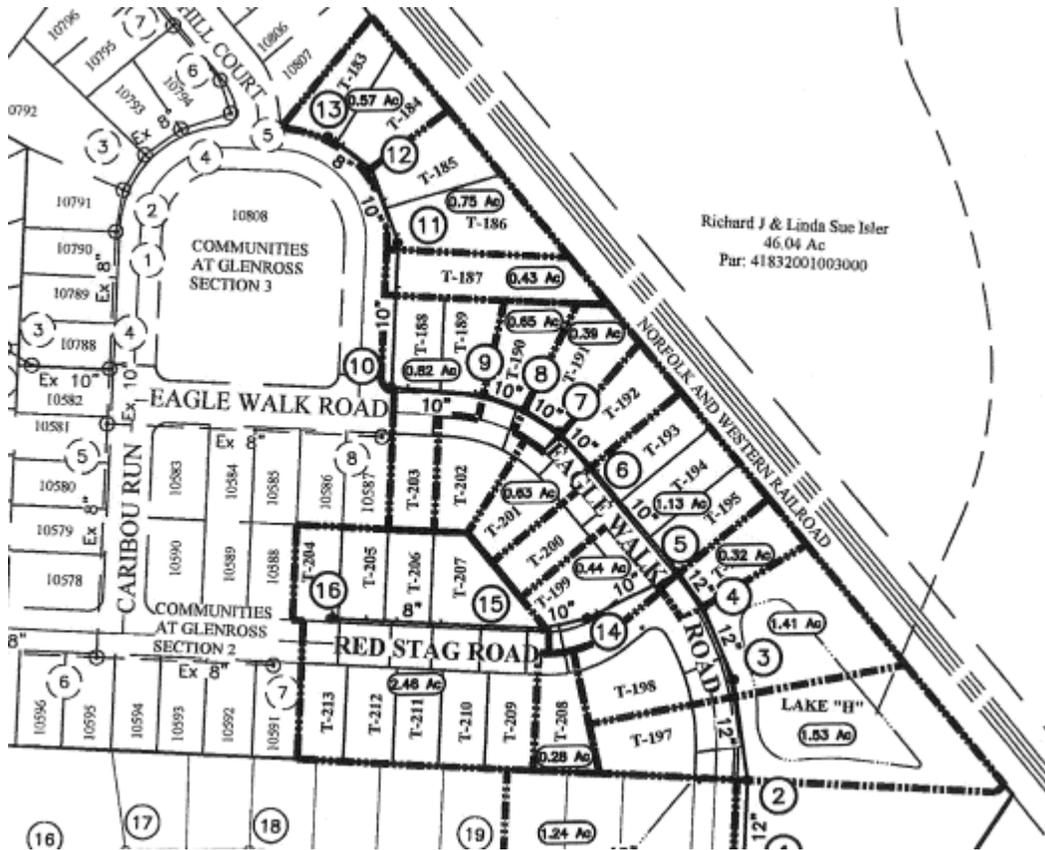
**MATERIAL QUANTITY REPORT**

<b>PROJECT: Communities at Glenross Section 4</b>			<b>PC #: 2014-0295</b>
<b>OWNER/DEVELOPER: Pulte Homes of Ohio LLC</b>		<b>CONTRACTOR: Eramo &amp; Sons</b>	
<b>DESCRIPTION: 34 Single family lots on 12.935 acres</b>			<b>API ORD.#:</b>
<b>TOTAL UTILITY COST: \$ 828,351</b>			<b>ENG #: 14-007</b>
<b>SANITARY SEWER</b>			
MANHOLES	16 EA	Type C	
SERVICE TAPS	34	6" Wyes	
6-Inch	890 LF		
8-Inch	375 LF	SDR-35	
10-Inch	1040 LF	SDR-35	
12-Inch	790 LF	SDR-35	
15-Inch			
18-Inch			
21-Inch			
OTHER			
MISCELLANEOUS			
			<b>\$197,195</b>
<b>WATER SERVICE</b>			
SERVICE TAPS	25 EA	¾" 'K' Copper	
MAIN TAPS			
HYDRANTS W/Valve	4 EA	W/6" Valve and box	
6-Inch Valve			
8-Inch Valve	2 EA		
12-Inch Valve			
16-Inch Valve			
6-Inch Dip	20 LF		
8-Inch Dip	1265 LF		
10-Inch Dip			
12-Inch Dip			
16-Inch Dip			
MISCELLANEOUS			
			<b>\$120,850</b>

<b>STORM SEWER</b>			
MANHOLES	5 EA		
CATCH BASINS	11 EA		
CURB INLETS	10 EA		
DET/RET BASIN			
12-Inch RCP	1290 LF		
15-Inch RCP	305 LF		
18-Inch RCP	95 LF		
21-Inch RCP			
24-Inch RCP	225 LF		
27-Inch RCP			
30-Inch RCP			
36-Inch RCP	455 LF		
42-Inch RCP			
48-Inch RCP			
HEADWALLS	2		
ROCK CHANNEL			
			<b>\$ 213,660</b>
<b>ROADWAY</b>			
24'-0 ROAD			
28'-0 ROAD	1265		
32'-0 ROAD			
36'-0 ROAD			
2'-0 CURB	2530 LF		
BIKEPATH			
SIDEWALK	1250 SF		
MONUMENT BOXES	1 EA		
STREET LIGHTS	12 EA		
(+) INTERSECTIONS			
(T) INTERSECTIONS	1 EA		
CUL-DE-SAC			
STRIPING/SIGNAGE			<b>\$ 2746</b>
			<b>\$296,646</b>



**Location Map**



**Site Map**



## FACT SHEET

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AGENDA ITEM NO: CONSENT ITEM E      DATE: 8-24-15  
ORDINANCE NO:                                      RESOLUTION NO: 15-42  
READING: FIRST                                      PUBLIC HEARING: NO

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TO:                      Mayor and Members of City Council  
FROM:                  R. Thomas Homan, City Manager  
VIA:                      Bill Ferrigno, Public Works Director/City Engineer

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**TITLE OF PROPOSED ORDINANCE/RESOLUTION:**

A RESOLUTION ACCEPTING THE PUBLIC IMPROVEMENTS FOR BELMONT PLACE PHASE 1, SECTION 1.

**BACKGROUND:**

This resolution conditionally accepts the now completed public improvements consisting of streets, water distribution, sanitary sewer and stormwater drainage for Belmont Place Phase 1, Section 1.

**REASON WHY LEGISLATION IS NEEDED:**

This legislation is required in order to provide conformance to city code and publicly accept the infrastructure for the development prior to allowing a final plat to be recorded. The recording of the plat allows the creation of lots upon which home construction can begin.

**COMMITTEE RECOMMENDATION:**

N/A

**FISCAL IMPACT(S):**

N/A

**POLICY CHANGES:**

N/A

**PRESENTER(S):**

Bill Ferrigno, Public Works Director/City Engineer

**RECOMMENDATION:**

Approval

**ATTACHMENT(S):**

Summary Report





CITY OF DELAWARE, OHIO  
PUBLIC WORKS DEPARTMENT

MEMORANDUM

TO: David Efland, Planning Director

FROM: William L. Ferrigno, P.E., Public Works Director, City Engineer

CC: Brad Stanton, Director of Public Utilities

SUBJECT: Recommendation for Acceptance of Public Improvements for Belmont Place Phase 1, Section 1

DATE: 8/24/15

---

Belmont Place phase 1, section 1 is the first section of the 74 lot, 31.52 acres residential subdivision located on the north side of Peachblow Road, just east of Glenn Parkway. Section 1 includes 25 single family lots on 15.3872 acres. Construction for this project commenced in August 2014 and has been recently completed.

All utilities including storm sewer, sanitary sewer, waterlines, and roadways were constructed in accordance with current city engineering specifications and are in consideration to be publicly owned and operated. All utility lines and roadways have been inspected and found to be in acceptable condition by the Public Works Department. The estimated value of new public improvements totals \$ 1,915,635 and in accordance with City Codified Ordinance Section 1111.06, a two year maintenance bond has been posted by the developer, Stavroff Interests Glenn Road Capital LLC, which would cover the expense of necessary repair work due to deficiencies or failure of materials or workmanship. The developer has paid all required plan review and construction inspection fees. Upon your satisfaction that all non-engineering related requirements have been completed as specified in the approved subdivision plans or other written commitments, we recommend acceptance of public improvements by the City.

mls

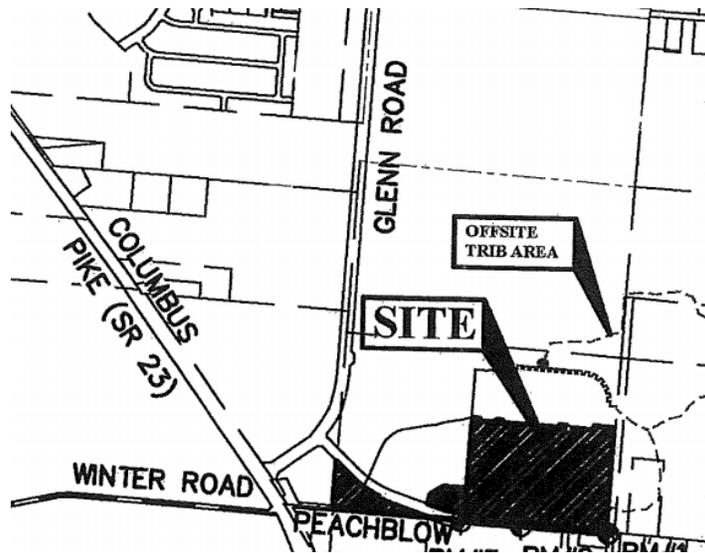
Attachments

CC: Public Improvements Ordinance File  
Belmont Place Phase 1, Section 1 Project File

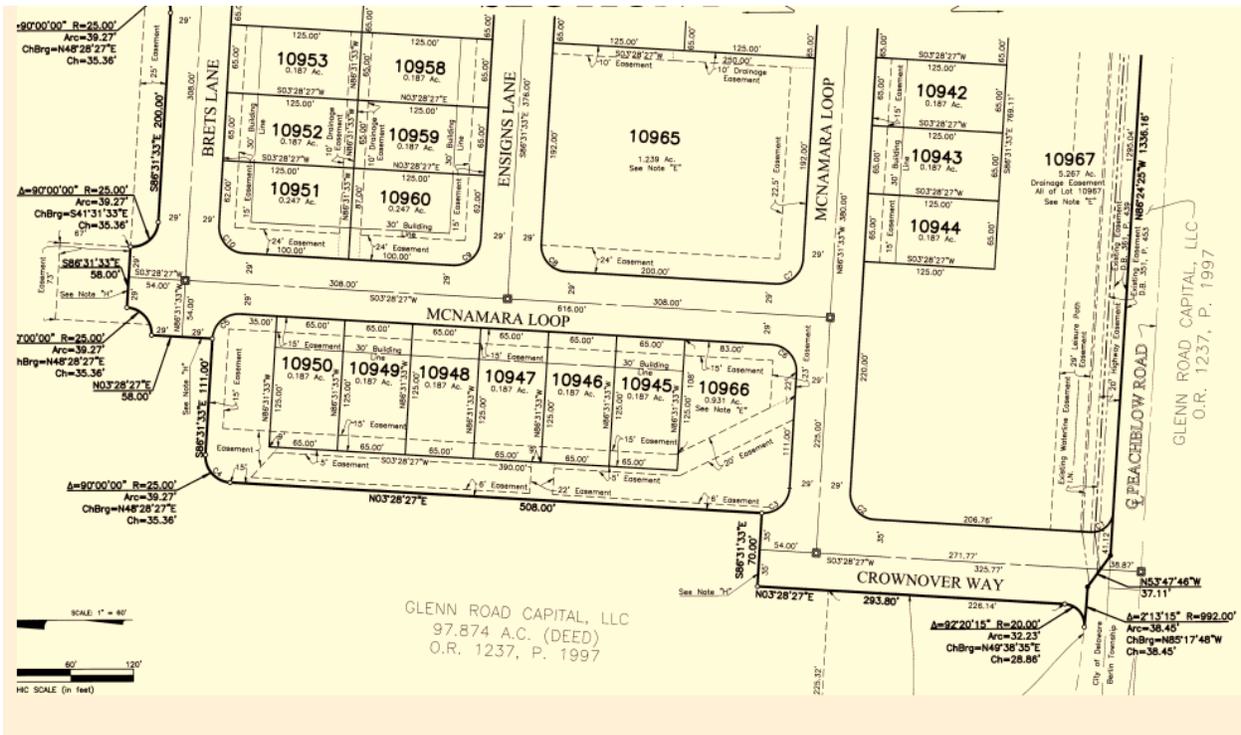
**MATERIAL QUANTITY REPORT**

<b>PROJECT: Belmont Place Phase 1, Section 1</b>			<b>PC #: 2014-0189</b>
<b>OWNER: Stavroff Interests Glenn Road Capital LLC</b>		<b>CONTRACTOR: Trucco Construction</b>	
<b>DESCRIPTION: 25 Single family lots on 15.3872 acres</b>			<b>API ORD.#:</b>
<b>TOTAL UTILITY COST: \$ 1,915,635</b>			<b>ENG #: 10-010</b>
<b>SANITARY SEWER</b>			
MANHOLES	12 EA	Type C	
SERVICE TAPS	49	6" Wyes	
6-Inch	850	SDR-35	
8-Inch	2265 LF	SDR-35	
10-Inch			
12-Inch	815 LF	SDR-35	
15-Inch			
18-Inch			
21-Inch			
OTHER			
MISCELLANEOUS			
			<b>\$208,225</b>
<b>WATER SERVICE</b>			
SERVICE TAPS	27 EA	¾" 'K' Copper	
MAIN TAPS			
HYDRANTS W/Valve	14 EA	W/6" Valve and box	
6-Inch Valve			
8-Inch Valve	7 EA		
12-Inch Valve	2 EA		
16-Inch Valve			
6-Inch Dip	30 LF		
8-Inch Dip	1555 LF		
10-Inch Dip			
12-Inch Dip	600 LF		
16-Inch Dip			
MISCELLANEOUS			
			<b>\$215,240</b>

<b>STORM SEWER</b>			
MANHOLES	8 EA		
CATCH BASINS	23 EA		
CURB INLETS	36 EA		
DET/RET BASIN			
12-Inch RCP	2175 LF		
15-Inch RCP	30 LF		
18-Inch RCP	845 LF		
21-Inch RCP	555 LF		
24-Inch RCP	530 LF		
27-Inch RCP			
30-Inch RCP	393 LF		
36-Inch RCP	220 LF		
42-Inch RCP	665 LF		
48-Inch RCP			
HEADWALLS	10		
ROCK CHANNEL			
			<b>\$ 505,820</b>
<b>ROADWAY</b>			
24'-0 ROAD			
28'-0 ROAD	1675 LF		
32'-0 ROAD			
36'-0 ROAD	950 LF		
2'-0 CURB	5250 LF		
BIKEPATH	16,250 SF	8' wide	
SIDEWALK	21,250 SF	5' wide	
MONUMENT BOXES	5 EA		
STREET LIGHTS	12 EA		
(+) INTERSECTIONS			
(T) INTERSECTIONS	1 EA		
CUL-DE-SAC			
STRIPING/SIGNAGE			<b>\$ 20,526</b>
			<b>\$ 986,350</b>



**Location Map**



**Site Map**

Office of the Mayor

# Proclamation

**Whereas:**

the City of Delaware has the

responsibility to recognize occasions of outstanding significance; and

WHEREAS, Elijah Campbell of Delaware put an ad on his EGC Landscaping Facebook page, offering military veterans or their families assistance with lawn care; and

WHEREAS, he got a response from Beth Hawkins, whose 90-year-old father, William Combs, lives in a Delaware condominium featuring a blue spruce tree dedicated to his late wife, Susie; and

WHEREAS, Eliza Campbell undertook various landscaping jobs for the World War II veteran, including adding a watering hose for "Susie's Tree," and wants to continue to assist Combs with other tasks; and

WHEREAS, Elijah Campbell also intends to help more service members or veterans in need.

NOW THEREFORE, I, Carolyn Kay Riggle, Mayor of the City of Delaware, Ohio, do hereby issue this proclamation to honor the benevolence of:

**ELIJAH CAMPBELL**

in the City of Delaware, Ohio, and I urge my fellow citizens to follow his example.

IN WITNESS WHEREOF, I have hereunto set my hand and caused to be affixed the seal of the City of Delaware.

---

Carolyn Kay Riggle, Mayor





## FACT SHEET

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AGENDA ITEM NO: 10

DATE: 8/24/15

ORDINANCE NO:

RESOLUTION NO: 15-43

READING: FIRST

PUBLIC HEARING: NO

---

TO: Mayor and Members of City Council

FROM: R. Thomas Homan, City Manager

VIA: ---

---

**TITLE OF PROPOSED ORDINANCE/RESOLUTION:**

A RESOLUTION NAMING THE STREET WHERE VETERANS PARK AND THE COMMUNITY CENTER/YMCA ARE LOCATED AS VETERANS DRIVE.

**BACKGROUND:**

The City temporarily named the street Recreation Drive during construction of the YMCA and the National Guard. Adoption of the Resolution would formally name the street Veterans Drive.

**REASON WHY LEGISLATION IS NEEDED:**

The City needs to formally adopt a name for the street for mapping purposes.

**COMMITTEE RECOMMENDATION:**

N/A

**FISCAL IMPACT(S):**

N/A

**POLICY CHANGES:**

N/A

**PRESENTER(S):**

R. Thomas Homan, City Manager

**RECOMMENDATION:**

Approval

**ATTACHMENT(S)**

N/A





## FACT SHEET

---

AGENDA ITEM NO: 11

DATE: 8/24/15

ORDINANCE NO:

RESOLUTION NO: 15-44

READING: FIRST

PUBLIC HEARING: NO

---

TO: Mayor and Members of City Council

FROM: R. Thomas Homan, City Manager

VIA: Dean Stelzer, Finance Director

---

**TITLE OF PROPOSED ORDINANCE/RESOLUTION:**

A RESOLUTION ACCEPTING THE AMOUNTS AND RATES AS DETERMINED BY THE BUDGET COMMISSION AND AUTHORIZING THE NECESSARY TAX LEVIES AND CERTIFYING THEM TO THE COUNTY AUDITOR FOR TAX YEAR 2015/BUDGET YEAR 2016.

**BACKGROUND:**

Before October 1 of each year, the City is required by Ohio Revised Code to authorize through resolution the tax levy rates for the upcoming budget year. These rates provide the County with an amount to tax each landowner within the taxing district in order to collect the amount due to the City for real estate taxes in the next calendar year.

**REASON WHY LEGISLATION IS NEEDED:**

Ohio Revised Code § 5705.34 requires "Each taxing authority, by ordinance or resolution, shall authorize the necessary tax levies and certify them to the county auditor before the first day of October in each year"

**COMMITTEE RECOMMENDATION:**

N/A

**FISCAL IMPACT(S):**

N/A

**POLICY CHANGES:**

N/A

**PRESENTER(S):**

Dean Stelzer, Finance Director

**RECOMMENDATION:**

Approval

**ATTACHMENT(S)**

2016 Schedule A, Official Certificate of Estimated Resources



## SCHEDULE A

### SUMMARY OF AMOUNTS REQUIRED FROM GENERAL PROPERTY TAX APPROVED BY BUDGET COMMISSION AND COUNTY AUDITOR'S ESTIMATED TAX RATES

For Municipal Use <b>City of Delaware Fiscal Year 2016</b>		For Budget Commission Use		For County Auditor Use	
FUND	Budget Year Amount Requested of Budget Commission Inside/Outside	Budget Year Amount Approved by Budget Commission Inside 10 M	Budget Year Amount to be Derived From Levies Outside 10 M Limitation	County Auditor's Estimate of Tax Rate to be Levied	
				Inside 10 M. Limit	Outside 10 M. Limit
	Column 1	Column 2	Column 3	Column 4	Column 5
<b>GOVERNMENT FUNDS</b>	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXX	XXXXXXX
GENERAL FUND		\$1,415,396		2.10	
FIREMENS PENSION		\$211,516		0.30	
POLICE PENSION		\$211,516		0.30	
<b>PROPRIETARY FUNDS</b>	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXX	XXXXXXX
<b>FIDUCIARY FUNDS</b>	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXX	XXXXXXX
<b>TOTAL ALL FUNDS</b>		<b>\$1,838,427</b>	<b>\$0</b>	<b>2.70</b>	<b>0.00</b>

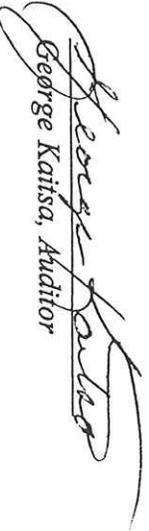
Official Certificate of Estimated Resources

The Budget Commission of Delaware County, Ohio hereby makes the following Certificate of Estimated Resources for the City of Delaware for the fiscal year beginning January 1, 2016.

FUND	Unencumb. Balance January 1, 2016	Real Estate Tax	Local Government	Other Sources	Total
General Fund	3,500,000.00	1,415,395.98	588,537.63	17,163,600.00	22,667,533.61
Special Revenue	13,833,000.00	423,031.40		22,552,590.00	36,808,621.40
Debt Service	136,000.00			3,920,500.00	4,056,500.00
Capital Projects	4,781,000.00			24,628,650.00	29,409,650.00
Enterprise	16,966,000.00			24,594,324.00	41,560,324.00
Internal Service	4,600,000.00			6,360,000.00	10,960,000.00
Trust and Agency	1,463,822.00			113,550.00	1,577,372.00
Total	45,279,822.00	1,838,427.38	588,537.63	99,333,214.00	147,040,001.01

Date August 5, 2015

Delaware County Budget Commission

  
George Kaitsa, Auditor

  
Carol O'Brien, Prosecutor

  
Jeff Peterson, Treasurer



## FACT SHEET

---

AGENDA ITEM NO: 12

DATE: 8/24/15

ORDINANCE NO:

RESOLUTION NO: 15-45

READING: FIRST

PUBLIC HEARING: NO

---

TO: Mayor and Members of City Council

FROM: R. Thomas Homan, City Manager

VIA: --

---

**TITLE OF PROPOSED ORDINANCE/RESOLUTION:**

A RESOLUTION ADOPTING THE 2016-2020 FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM (CIP).

**BACKGROUND:**

The Capital Improvement Plan for 2016-20 was presented to City Council on August 14. By Charter, it's required to be adopted by Council by October 15. Typically, the resolution is "read" at least 3 times before adoption. This is the first reading, which will be followed by an overview of the CIP. A CIP work session is being recommended for Monday, October 5.

**REASON WHY LEGISLATION IS NEEDED:**

CIP is required to be adopted by City Council

**COMMITTEE RECOMMENDATION:**

N/A

**FISCAL IMPACT(S):**

N/A

**POLICY CHANGES:**

N/A

**PRESENTER(S):**

R. Thomas Homan, City Manager  
Dean Stelzer, Finance Director

**RECOMMENDATION:**

Approval

**ATTACHMENT(S)**

N/A

RESOLUTION 15-45

A RESOLUTION ADOPTING THE 2016-2020 FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM.

WHEREAS, a revised Five-Year Capital Improvements Program was prepared and submitted to City Council in accordance with Article XVII, Section 79 of the City Charter, and

WHEREAS, City Council has considered the proposed plan and has determined that it shall be the future public improvement plan for the City of Delaware, and

WHEREAS, Article XVII, Section 80 of the City Charter requires that City Council adopt, by resolution, the Five-Year Capital Improvements Program on or before October 15, and

WHEREAS, City Council will review the 2016-2020 CIP at Work Sessions before October 14.

WHEREAS, Council discussed possible amendments to the plan which may be considered as part of adopted the 2016 budget.

NOW THEREFORE, BE IT RESOLVED by the Council of the City of Delaware, State of Ohio:

SECTION 1. That the 2016-2020 Five-Year Capital Improvements Program for the General Fund, Airport, Fire, Police, Public Works, Parks, Equipment Replacement, Technology, Building Maintenance, Water, Sewer, Storm Sewer, Refuse, Parks Impact, Police Impact, and Fire Impact attached hereto as Exhibit A, is hereby adopted as the official plan for future public improvements.

SECTION 2. That this resolution shall take effect and be in force immediately after its passage.

PASSED: \_\_\_\_\_, 2015

YEAS \_\_\_\_ NAYS \_\_\_\_  
ABSTAIN \_\_\_\_

ATTEST: \_\_\_\_\_  
CITY CLERK

\_\_\_\_\_  
MAYOR

**2016-2020**  
**City Manager's Proposed**  
**Capital Improvement Plan**

---





TO: Mayor Riggle and Members of City Council  
FROM: R. Thomas Homan, City Manager  
SUBJECT: 2016-2020 Capital Improvement Program  
DATE: August 14, 2015

---

Pursuant to section 79 of the City Charter, submitted herewith is my proposed 2016-2020 Capital Improvement Plan, the adoption of which must occur by Thursday, October 15.

A first reading and review will be scheduled as part of Council's August 24 meeting, with second and third readings scheduled for Council's September 14 and 28 meetings. Adoption of the plan is proposed for the October 12 meeting. In addition to the readings, which don't always allow for quality and detailed review, I would recommend 1- 2 work sessions. Last year, in addition to the three readings, Council devoted one work session to CIP review.

While the CIP is balanced, it does not begin to address the community's critical and growing transportation needs, which will be discussed later in this message.

As Council begins its assessment, it is important to distinguish between those projects that require support of the city's general fund - Airport; Streets; Transportation; Parks; Equipment; Technology; Buildings; Sidewalks and Bikeways - and those with dedicated sources, such as utility projects. This distinction is important because the general fund transfer to the CIP competes with numerous general fund needs, which are always growing. Utility projects, on the other hand, compete only with other utility projects and benefit from a dedicated source of revenue: user fees and development-related capacity fees.

An example that helps make this point is the nearly-complete \$32 million water treatment plant project, the largest infrastructure project in city history. The project is being funded through a combination of capacity fees, paid for by new development and water rates, which were increased over the three-year period 2010-13 to help pay the project's annual \$1.8 million debt service. This amount is nearly equal to the annual general fund transfer. It goes without saying that absent a new and dedicated revenue source, the city's CIP could not support \$32 million worth of projects.

For the 10-year period 2004-13, the average general fund transfer to the CIP was \$1.4 million, which represented approximately 14 percent of general fund revenues. For the current CIP, the transfer is \$1.7 million, or 13.4 percent of general fund revenues. At one time, the city established financial practice guidelines recommending that 25 percent of general fund revenues would be transferred to the CIP. Unfortunately, this could not be sustained due mainly to the city's growing operational needs and costs associated with the daily maintenance of an expanding and aging infrastructure network.

What if it had? An additional \$1.4 million would have been transferred in 2015, which would have brought the total transfer to \$3,031,725. Those additional funds would make a big difference in allowing the city to begin addressing its most pressing infrastructure challenge: local transportation improvements for which federal and state funds are not available. Some of these projects would result in additions to the city's street network, and some would improve safety.

A 2011 Transportation Update report, which was presented to city council in 2011 identified multiple projects, such as Merrick Parkway and Valleyside Drive extensions that, if completed, would expand the city's street network and help to alleviate peak-hour congestion. This was one of several priorities identified in the city's 2015 citizen survey.

While the city's local transportation needs are challenging, so too are meeting local obligations related to the state and federal highway system within the City. The big difference, however, is that for these projects the city takes advantage of state and federal funding. Two projects which will likely begin in the next 12-24 months are the Ohio 315/US 23 intersection and Pennsylvania Avenue/US 23 interchange, both of which are being funded mostly by non-local sources. The city also takes advantage of various grant programs, which together provide 60 percent of the annual roadway resurfacing budget.

Like so many of the CIPs before it, this one does not begin to address the city's mounting transportation needs. And in some cases, such as at the "Point" and the 36/37 corridor, the resources of the city's CIP may never be adequate to provide even the typically required 20-percent local matching project contributions. Current estimates just to replace the Point Bridge, which would add capacity and reduce congestion, are \$16 million. Add to this the cost to improve East Central Avenue by adding turn lanes and reconstructing the road, estimated to be \$8 million, and the project grows to \$24 million.

This year's CIP included funding for updating the city's Transportation Plan, work that is underway now by a transportation engineering consultant. The key components of the update will be:

1. Update City Traffic Forecasting & Projections (2015-2040) for use in City

- roadway network improvements analysis and prioritization.
2. Descriptions and updates of the key network expansion and improvement projects including 15 priority transportation initiatives that would improve traffic flow and network connectivity while relieving congestion throughout the City. The completed document will include a matrix to assist in identifying both the merits and challenges associated with each project.
  3. Descriptions and summaries of the major transportation infrastructure maintenance components including bridges, traffic signals, guardrail, street lighting, signage and striping, pavement maintenance, and the street sweeping and snow removal programs.

The goal is to have a complete first draft available by the end of 2015. The document will be valuable information in determining annual dollar amounts required for needed City transportation projects and vital transportation maintenance programs.

At the same time, lacking a dedicated funding source to address our transportation challenges, we also must identify revenue options. The time is now to address our transportation needs because the need is real.

In addition, the City continues to focus on the importance of economic development, primarily in the City's south west (Industrial Park) quadrant.

The construction of Innovation Court, and associated utilities, is currently underway supporting the relocation of EMS and adding 20 acres of additional pad ready sites.

A drainage analysis will be completed in 2015 to evaluate storm water improvements needed to continue the extension of Sawmill Parkway project from its current termination point to Section Line Road, to further add to available properties.

In order to prepare for other continued economic development needs, the Public Service Group, through use of the Development Reserve Fund, in concurrence with City Council, will engage a civil engineering firm to complete engineering plans for the construction of a roadway extension of Jeg's Blvd. from its current terminus to an intersection with the Sawmill Parkway extension. This design work will begin in 2015, and be completed in early 2016.

The Public Works Department, with assistance from the Economic Development Department will begin investigating funding opportunities for construction of the roadway extension along this development corridor. It is anticipated that the utility and roadway improvements would be completed as

a single project to accommodate pending industrial development in the area.

Funding for utility improvements along the nearly one mile-long Jeg's Blvd. extension is included in this CIP, along with \$100,000 in additional infrastructure improvements (upgrades to the Slack Road Lift Station) to support development.

~~~~~

As you read through the CIP, you will see that each major section is preceded by a narrative providing an overview of the major projects and highlighting any policy issues needing Council consideration.

Over the next several weeks staff and I look forward to reviewing this CIP with City Council. I want to thank my staff for their hard work in putting this document together, in particular, my Executive Assistant Michele Kohler, Public Service Group Director Dan Whited and Finance Director Dean Stelzer.

**City of Delaware  
Capital Improvement Plan  
2016 - 2020**

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**CITY OF DELAWARE  
CAPITAL IMPROVEMENT PLAN  
GENERAL FUND SUMMARY  
2016 - 2020**

|                                                             | 2016             | 2017             | 2018             | 2019             | 2020             |
|-------------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|
| <b>BALANCE FORWARD</b>                                      | <b>567,830</b>   | <b>420,981</b>   | <b>222,397</b>   | <b>56,682</b>    | <b>259,846</b>   |
| <b>REVENUES:</b>                                            |                  |                  |                  |                  |                  |
| INCOME TAX                                                  | 1,700,000        | 1,750,000        | 1,750,000        | 1,750,000        | 1,750,000        |
| <b>BALANCE PLUS REVENUE</b>                                 | <b>2,267,830</b> | <b>2,170,981</b> | <b>1,972,397</b> | <b>1,806,682</b> | <b>2,009,846</b> |
| <b>EXPENDITURES:</b>                                        |                  |                  |                  |                  |                  |
| <b>DEBT SERVICE</b>                                         |                  |                  |                  |                  |                  |
| 2012 Streetscape (\$2,542,516 through 2022)                 | 281,624          | 282,860          | 284,058          | 282,635          | 269,904          |
| 2006 Ross St. (\$210,000 though 2016)                       | 57,338           | 0                | 0                | 0                | 0                |
| 2006 Pool Maint. (\$247,522 through 2016)                   | 68,805           | 0                | 0                | 0                | 0                |
| 2016 PW Building Maint. (\$450,000 through 2027)            |                  | 53,410           | 53,410           | 53,410           | 53,410           |
| <b>TOTAL DEBT SERVICE</b>                                   | <b>407,767</b>   | <b>336,270</b>   | <b>337,468</b>   | <b>336,045</b>   | <b>323,314</b>   |
| <b>AMOUNT AVAILABLE FOR CAPITAL IMPROVEMENTS AFTER DEBT</b> | <b>1,860,063</b> | <b>1,834,711</b> | <b>1,634,929</b> | <b>1,470,637</b> | <b>1,686,532</b> |
| <b>OTHER EXPENDITURES</b>                                   |                  |                  |                  |                  |                  |
| AIRPORT IMPROVEMENTS (pg. 4)                                | 28,211           | 22,034           | 0                | 0                | 0                |
| STREET IMPROVEMENTS (pg. 8)                                 | 348,711          | 291,155          | 616,527          | 251,571          | 705,828          |
| PARK IMPROVEMENTS (pg. 15)                                  | 27,160           | 165,000          | 115,000          | 80,000           | 15,000           |
| EQUIPMENT REPLACEMENT (pg.18)                               | 600,000          | 500,000          | 500,000          | 500,000          | 550,000          |
| TECHNOLOGY IMPROVEMENTS (pg. 22)                            | 150,000          | 444,125          | 154,720          | 184,220          | 102,720          |
| BUILDING MAINTENANCE (pg. 26)                               | 185,000          | 65,000           | 67,000           | 70,000           | 70,000           |
| SIDEWALK MAINTENANCE (pg. 28)                               | 100,000          | 125,000          | 125,000          | 125,000          | 125,000          |
| <b>TOTAL OTHER EXPENDITURES</b>                             | <b>1,439,082</b> | <b>1,612,314</b> | <b>1,578,247</b> | <b>1,210,791</b> | <b>1,568,548</b> |
| <b>ENDING BALANCE</b>                                       | <b>420,981</b>   | <b>222,397</b>   | <b>56,682</b>    | <b>259,846</b>   | <b>117,984</b>   |

## **AIRPORT IMPROVEMENTS**

### Description:

The Delaware Municipal Airport (DLZ) is located in the heart of the Delaware Business Center at 1075 Pittsburgh Drive in Delaware, Ohio. The 315 acre facility is surrounded by the city's vital industrial district and is just three miles southwest of the historic center of Downtown Delaware. The City of Delaware owns, operates, maintains, and manages the airport and its facilities including the administration building, two maintenance hangars, six T-hangers and the existing 5000 LF Runway 28. The Delaware Municipal Airport serves as a general aviation reliever for OSU's Don Scott Field. Today, the Delaware Municipal Airport has nearly 100 based aircraft including both single and multi-engine aircraft and helicopters, and sees an estimated 40,000 operations per year, including corporate jet activity, recreational, and military flying and flight instruction. The primary users of the airport and its facilities include local businesses, residents of Delaware and the surrounding counties, as well as transient users. Currently, businesses based at the Delaware Municipal Airport provide flight instruction for fixed-wing aircraft, maintenance, avionics repair, and private covered storage.

In 2015, the proposed 800 LF Runway 28 extension project advanced through final design, and was subsequently bid in May. Award of the contract is pending approval of the FAA Grant application submitted in July. Construction is pending final grant award notification, execution and contract approval. It is anticipated the majority of construction will occur in 2016. As part of the project, the existing runway will be resurfaced along with the east end of taxiway 'A'. Future construction activities at the Airport include resurfacing of Taxiway 'A' to the west, ramp area expansion to the east, and installation of additional perimeter fencing, all requiring future FAA funding.

The Airport Master Plan is also due for updating in the next three years. The update largely addresses infrastructure needs and future building expansion at the Airport. In addition to this effort however, the city is contemplating enlisting the services of an experienced consultant to review existing Airport business plans and to provide recommended updates to them accordingly. As part of the update, the city is looking for direction as to what airport related services and operations should be considered to attract and retain additional airport related businesses.

### Primary Strategic Plan Theme/Goals:

#### Effective Government

EF1 - Effectively deliver the services that Delaware citizens need, want, and are willing to support

Master Planning Efforts:

2011 – Runway 28 Extension Program: Runway Length Justification Analysis  
& Project Definition Study – RW Armstrong

2016 – Wildlife Study

2019 – ALP Master Plan Update

2016 – Airport Business Plan Review & Update

**CAPITAL IMPROVEMENT PLAN  
AIRPORT IMPROVEMENT FUND  
2016 - 2020**

|                                                      | 2016            | 2017           | 2018           | 2019           | 2020           |
|------------------------------------------------------|-----------------|----------------|----------------|----------------|----------------|
| <b>BALANCE FORWARD</b>                               | <b>(33,651)</b> | <b>42,894</b>  | <b>208,639</b> | <b>384,384</b> | <b>560,129</b> |
| <b>REVENUES:</b>                                     |                 |                |                |                |                |
| FAA Entitlement                                      | 150,000         | 150,000        | 150,000        | 150,000        | 150,000        |
| FAA Apportionment                                    |                 |                |                |                |                |
| ODOT Grant                                           | 448,804         | 418,653        |                |                |                |
| TIF Collections                                      | 25,745          | 25,745         | 25,745         | 25,745         | 25,745         |
| <i>CIP Allocation (pg. 1)</i>                        | <b>28,211</b>   | <b>22,034</b>  | <b>0</b>       | <b>0</b>       | <b>0</b>       |
| <b>TOTAL REVENUES</b>                                | <b>652,760</b>  | <b>616,432</b> | <b>175,745</b> | <b>175,745</b> | <b>175,745</b> |
| <b>EXPENDITURES:</b>                                 |                 |                |                |                |                |
| <i>City Non-Grant</i>                                |                 |                |                |                |                |
| <i>Grant Improvements</i>                            |                 |                |                |                |                |
| FAA Reimbursable Agreement (PAPI/REILS)              |                 |                |                |                |                |
| Runway 28 Extension (\$16,832 entitlement)           |                 |                |                |                |                |
| Taxiway A Reconstruction (East)                      |                 |                |                |                |                |
| Runway 28 Expan. & Overlay - CHA CE/CI Task 13)      |                 |                |                |                |                |
| Exhibit A - Boundary Survey Update - Task 14         |                 |                |                |                |                |
| Airfield Lighting Vault (65,921 entitlement)         |                 |                |                |                |                |
| Airport Wildlife Study (\$7,200 entitlement)         | 8,000           |                |                |                |                |
| Taxiway A Design/Construction (\$72,000 entitlement) | 548,215         | 440,687        |                |                |                |
| Wetland Mitigation                                   |                 |                |                |                |                |
| <i>TIF Improvements</i>                              |                 |                |                |                |                |
| Gate #1 Improvements/Signage/Security Fence          | 20,000          |                |                |                |                |
| Gate #2 & #3 Signage                                 |                 | 10,000         |                |                |                |
| <b>TOTAL EXPENDITURES</b>                            | <b>576,215</b>  | <b>450,687</b> | <b>0</b>       | <b>0</b>       | <b>0</b>       |
| <b>AIRPORT IMPR. FUND BALANCE</b>                    | <b>42,894</b>   | <b>208,639</b> | <b>384,384</b> | <b>560,129</b> | <b>735,874</b> |
| <i>Entitlement Balance</i>                           | 4,879           | 154,879        | 304,879        | 454,879        | 604,879        |
| <i>TIF Balance</i>                                   | 38,015          | 53,760         | 79,505         | 105,250        | 130,995        |
|                                                      | 42,894          | 208,639        | 384,384        | 560,129        | 735,874        |

## **STREETS**

### Description:

Street resurfacing remains the largest component of the Highway Maintenance Plan, and when considering the limited availability of funding, continues to directly compete with other priority highway maintenance needs such as crash barrier repairs, street lighting, traffic signals, crack sealing, and signage and striping needs. Identifying additional funds for the city's resurfacing program continues to be an enormous challenge. Inflation in material prices has yielded a doubling of asphalt costs and related resurfacing projects. Add to this, an expanding inventory of new residential streets, many of which built in the mid-1990's to early 2000's now also require resurfacing.

This CIP continues to allocate all Ohio Public Works Commission (OPWC) and Community Development Block Grant (CDBG) funds we receive to the resurfacing program. The Delaware County Engineer has supported the City's OPWC applications with \$50,000 in matching funding. Recently, the City increased the level of funding requested and was awarded \$349,000 for the 2015 program. Future applications will make larger funding requests for the larger resurfacing projects. The OPWC funds are awarded through a competitive process by which higher ranking projects include streets with higher Average Daily Traffic loads such as arterial and collector roads. Although State funds are available for street paving, the ODOT Urban Resurfacing Program will not be tapped again until 2017-2018, when funds will be needed to resurface US 42 north of William Street, requiring a 20 percent local match.

CDBG funds have been reduced from prior year levels, allowing for only \$60,000 per year, which results in the need to add additional local funding most years to resurface one or more eligible streets. Though CDBG funds are limited to low/moderate income designated areas, the cost of maintaining these streets exceeds the funding available, thus necessitating additional local dollars.

The 2016-2020 Five-Year Resurfacing Program includes an average annual expenditure of \$950,000 per year for roadway paving. Of this amount, 60% comes from grants while 40% is from local revenues. The majority of funds, 90%, are directed toward the arterial and collector roads while only 10% is available for local streets, though local streets make up 52% of the total lane miles within the city. This approach is necessary in order to prioritize and maintain the most travelled and visible streets. However, many low-volume residential streets and cul-de-sacs are left without an identified funding source and continue to degrade.

Analysis continues to demonstrate the steady rate of pavement deterioration of the local street network with the average pavement condition for local streets

dropping on an annual basis. It is understood that the increasing quantity of new pavements added to the inventory by way of development activity, continues to artificially elevate the local street network pavement rating. When discounting the impact on the overall pavement condition rating from newly constructed streets, the actual pavement rating for the majority of the local street network is currently estimated at D+. While pavement conditions worsen, maintenance costs will increase as repairs continue to be deferred to future years. Various analyses have all yielded similar results when identifying the future funding needs to improve the local street network. The actual amount required depends on factors such as anticipated level of service, future maintenance costs, and public tolerance of pavement conditions. It is estimated that a total annual resurfacing expenditure at or above \$2 million would provide the necessary funding to more adequately manage the city's roadway network maintenance needs.

Bridge Improvements continues to be an area where funding limitations prevents the timely maintenance of certain non-critical items on several structures the City is responsible for. Examples include repair to abutment and wing walls, deck repairs, channel improvements and approach transition resurfacing. The City is required to inspect all structures annual and submit results to the State. Reports continue to identify certain repair areas and items that need to be addressed before more serious and critical deterioration occurs. Most recently, the bridge deck surface carrying South Sandusky Street over the Delaware Run was found to be severely deteriorated and in need of repair. Failure to address the condition will result in subsequent deterioration and increased repair costs. With the number of structures managed by the City, it is anticipated such repairs will be an ongoing responsibility in future budget years as well as the current.

Rail crossings subject to increasing traffic show signs of increased wear and deterioration. The City has been able to partner with CSX for repairs of two of the heavier utilized crossings (E. Central and W. William Street). The crossing on Pittsburgh Drive will be repaired in the fall of 2015. Ongoing discussions with CSX will determine if the London Road and Pennsylvania Ave. crossings can be reconstructed later in 2015. Additional partnering efforts with CSX are anticipated to address the Curtis Street crossing.

Primary Strategic Plan Theme/Goals:

Great Community/Healthy Economy

GC2 - Provide an efficient transportation system with safe and complete streets

HE1 – Build and Maintain a Healthy Economy

Master Planning Efforts:

2015 – Highway Maintenance Plan Development  
2016 – Implementation of In-house Pavement Evaluation

**CAPITAL IMPROVEMENT PLAN  
STREET IMPROVEMENTS  
2016 - 2020**

|                                              | 2016           | 2017           | 2018             | 2019           | 2020             |
|----------------------------------------------|----------------|----------------|------------------|----------------|------------------|
| <b>REVENUES:</b>                             |                |                |                  |                |                  |
| PERMISSIVE TAX (License Fee Fund)            | 404,000        | 408,040        | 412,120          | 416,242        | 420,404          |
| STATE LICENSE FEES                           | 17,675         | 17,852         | 18,030           | 18,211         | 18,393           |
| STATE GASOLINE TAXES                         | 83,500         | 84,000         | 84,500           | 85,000         | 85,000           |
| <i>CIP Allocation (pg. 1)</i>                | <b>348,711</b> | <b>291,155</b> | <b>616,527</b>   | <b>251,571</b> | <b>705,828</b>   |
| <b>TOTAL REVENUE</b>                         | <b>853,886</b> | <b>801,047</b> | <b>1,131,178</b> | <b>771,023</b> | <b>1,229,625</b> |
| <b>EXPENDITURES:</b>                         |                |                |                  |                |                  |
| <b>DEBT SERVICE</b>                          |                |                |                  |                |                  |
| Bonds - S. Houk Road                         | 103,886        | 31,047         | 31,178           | 31,023         | 29,625           |
| <b>TOTAL DEBT SERVICE</b>                    | <b>103,886</b> | <b>31,047</b>  | <b>31,178</b>    | <b>31,023</b>  | <b>29,625</b>    |
| <b>STREET RESURFACING</b>                    |                |                |                  |                |                  |
| City Grant Match Street Resurfacing          | 320,000        | 150,000        | 480,000          | 500,000        | 370,000          |
| ODOT URP Street Resurfacing City Match       |                | 200,000        |                  |                |                  |
| City Street Resurfacing -                    |                |                |                  |                |                  |
| Network Streets                              | 205,000        | 260,000        | 0                | 0              | 550,000          |
| Administrative/Inspection                    | 50,000         | 50,000         | 50,000           | 50,000         | 50,000           |
| <b>TOTAL STREET RESURFACING</b>              | <b>575,000</b> | <b>660,000</b> | <b>530,000</b>   | <b>550,000</b> | <b>970,000</b>   |
| <b>TRANSPORTATION IMPROVEMENTS</b>           |                |                |                  |                |                  |
| City Grant Match Transportation Improvements | 0              | 60,000         | 520,000          | 140,000        | 180,000          |
| Bridge Improvements                          | 175,000        | 50,000         | 50,000           | 50,000         | 50,000           |
| <b>TOTAL TRANSPORTATION IMPROVEMENTS</b>     | <b>175,000</b> | <b>110,000</b> | <b>570,000</b>   | <b>190,000</b> | <b>230,000</b>   |
| <b>TOTAL EXPENDITURES</b>                    | <b>853,886</b> | <b>801,047</b> | <b>1,131,178</b> | <b>771,023</b> | <b>1,229,625</b> |

| <b>Street/Transportation Improvements All Sources</b> |                  |                  |                  |                  |                  |
|-------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|
| Street Resurfacing City Funds                         | 575,000          | 660,000          | 530,000          | 550,000          | 970,000          |
| Street Resurfacing Grant Funds                        | 590,000          | 610,000          | 580,000          | 605,000          | 585,000          |
| <b>Total Street Resurfacing</b>                       | <b>1,165,000</b> | <b>1,270,000</b> | <b>1,110,000</b> | <b>1,155,000</b> | <b>1,555,000</b> |
| Transportation Improvements City Funds                | 175,000          | 110,000          | 570,000          | 190,000          | 230,000          |
| Transportation Improvements Grant Funds               | 2,800,000        | 490,000          | 5,080,000        | 860,000          | 1,720,000        |
| Transportation Improvements Debt Service              | 103,886          | 31,047           | 31,178           | 31,023           | 29,625           |
| <b>Total Transportation Improvements</b>              | <b>3,078,886</b> | <b>631,047</b>   | <b>5,681,178</b> | <b>1,081,023</b> | <b>1,979,625</b> |
| <b>Total Street/Transportation Improvements</b>       | <b>4,243,886</b> | <b>1,901,047</b> | <b>6,791,178</b> | <b>2,236,023</b> | <b>3,534,625</b> |

## **GRANTS**

### Description:

Several key transportation projects are identified in the Capital Plan, all of which are in varying stages of planning efforts. These large initiatives are only possible through access to significant funding opportunities including the Surface Transportation Program (STP), State Safety Program, and Federal Earmark funding. Federal funding generally requires a local 20% matching contribution; however, careful planning and successful lobbying efforts by city staff of our local, State, and Federal representatives has yielded 100% funding for two of the three major transportation projects under design including the US23/SR315 Intersection Improvements and the William Street Corridor Improvement project. The recent availability of State Toll Revenue Credit offsets has allowed \$457,375 in local funding obligation to be eliminated for the US23/Pennsylvania Ave. Interchange Improvement project by utilizing federal attributable funding set aside for Delaware through MORPC. This same strategy was also implemented to cover up to \$250,000 in additional cost associated with the pending US23/315 project.

An estimated balance of \$770,000 in attributable federal funding remains available to the city for additional transportation initiatives. Strategically, the city should wait until the completion of the three major highway initiatives before considering identifying a new project eligible for such funding. Utility of these funds must be programed through MORPC, is limited to projects for highways included on the Federal Aid System, and must be programmed a few years or more in advance. Once the balance of reserved attributable funds is exhausted, the city will have to compete with other Central Ohio agencies under the jurisdiction of MORPC for future funding. The next bi-annual application period begins in 2016.

Many other significant transportation initiatives are routinely discussed among staff, council and the public including Valleyside Drive Extension, Merrick Blvd. extension, Cheshire Rd realignment, Cottswold Drive extension, The Point Railway Bridge, and various phases of Glenn Parkway. Multiple other intersection improvements and roadway widening and turn lane projects have also been identified. Most recently, the need to address the rapidly deteriorating condition of Central Ave., specifically between the Point and US23 has been gaining attention. The city is contemplating submitting an application in 2016 for MORPC attributable funding for both the E. Central Corridor improvements and The Point railroad bridge project. Doing so will necessitate identifying local matching funding for construction and dedicating funding for preliminary project development. Unfortunately, even if approved, funding for construction would not be available until 2022.

There is not sufficient funding to address all transportation in the city. Projects must be prioritized in association with the ongoing Transportation

Plan update work. The city has seen the successful completion of several large project initiatives over the past ten years including Houk Rd and Glenn Parkway extensions, the Peachblow/Glenn/US23 intersection, The Point Phase I improvements, the recently completed Houk Rd Bikeway, and several smaller intersection and roadway improvement projects. Many of these projects were able to advance with partnerships with the local development community. The Sawmill Parkway project also reached a milestone this year in seeing the establishment of the city-county construction agreement over the project funding.

Three major projects in this CIP are ODOT-City partnerships referred to as LPA (Local Public Agency) projects. The US 23 and Pennsylvania-Sandusky Street Extension project is in right-of-way acquisition with sale and award anticipated in December. The project will be bid and constructed by ODOT in 2016. The William Street Improvements, which was designated as an ODOT LPA project in 2013, is being partially funded through the successful repurposing of the Veteran's Parkway earmark. The City will oversee the design of this project, while ODOT will acquire right-of-way, bid, and construct the project. If overall project costs can be contained with minimal changes in scope, it could be completed with limited local match required. The US 23 and SR 315-Stratford Road Improvements projects remain on schedule for construction in 2016. The project is being handled primarily by ODOT. Right-of-way and construction costs are currently 100-percent ODOT funded.

Improvements were completed to the "Point Intersection" in 2009 to better manage peak hourly volumes of westbound US36/SR37 traffic. While the intersection continues to operate at an improved level of service most hours of the day, eastbound movements are experiencing increased delay as was predicted during design analysis. As traffic continues to increase on 36/37, (estimated ADT at 35,000), consideration to replacement of the existing railway bridge is under way. A feasibility study has been completed identifying several conceptual alternatives for the replacement of the bridge. Following additional review and direction from Norfolk & Southern Railway, the city will be in a better position to understand the scope, cost and feasibility to advance a bridge replacement project. Such a project will require significant State and Federal funding.

The East Central (SR37) corridor remains a priority concern as the condition of pavement continues to deteriorate with the increasing traffic loading, including a significant percentage of large transport truck traffic. The original roadway sub-base and lack of pavement drainage certainly contribute to the pavement degradation. Efforts to maintain the pavement have been limited to placing leveling courses of asphalt as the surface continues to rut and break apart. Significant pavement reconstruction is required to address the issues, along with improvements to drainage, lane widths, and intersection geometry. A project of this magnitude will cost several million to complete and will require

assistance from the State with federal transportation funds. In order to secure federal dollars, the city must submit and competitively compete for Surface Transportation Dollars (STP) available through a competitive grant process administered through MORPC. Grant applications are received every two years, with 2016 being a new cycle. If funded, the STP funds would likely not be available until 2022. The City though, should be able to commence study and design work in advance of the availability of the federal funds and have those expenditures count toward the required 20% local funding match. Staff will be evaluating the possibility of submitting the E Central corridor, possible in combination with The Point RR Bridge, for a 2016 STP funding request.

Primary Strategic Plan Theme/Goals:  
Great Community/Healthy Economy

GC2 - Provide an efficient transportation system with safe and complete streets

GC3 - Provide a effective stewardship of natural resources (parks, open space, Olentangy River, Delaware Run)

HE1 - Build and Maintain a Healthy Economy

Master Planning Efforts:

2014 - The Point Intersection Alternatives Analysis & Review

2015 - Transportation Model & Plan Update

**CAPITAL IMPROVEMENT PLAN  
GRANT PROJECTS  
2016 - 2020**

|                                                           | 2016             | 2017             | 2018             | 2019             | 2020             |
|-----------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|
| <b>REVENUES:</b>                                          |                  |                  |                  |                  |                  |
| <b>Grant Funds:</b>                                       |                  |                  |                  |                  |                  |
| ODOT Earmark E. William St.                               | 100,000          | 250,000          | 3,000,000        |                  |                  |
| ODOT Safety Funds                                         | 215,000          |                  |                  |                  |                  |
| MORPC - STP Funds -US36/E. William                        |                  |                  | 1,520,000        |                  |                  |
| MORPC STP Funds - Central & Point Intersection            |                  | 240,000          | 560,000          | 560,000          | 720,000          |
| MORPC - CMAQ                                              |                  |                  |                  | 300,000          | 1,000,000        |
| MORPC/ODOT Pennsylvania Ave. Interchange                  | 2,585,000        |                  |                  |                  |                  |
| OPWC - Street Rehabilitation                              | 450,000          | 450,000          | 450,000          | 450,000          | 450,000          |
| County OPWC Project                                       | 50,000           | 50,000           | 50,000           | 50,000           | 50,000           |
| RLF Fund                                                  | 30,000           | 50,000           | 20,000           | 45,000           | 25,000           |
| CDBG Rehabilitation                                       | 60,000           | 60,000           | 60,000           | 60,000           | 60,000           |
| <b>City Match Transportation Improvements</b>             |                  |                  |                  |                  |                  |
| E. Central Ave./Point Improvements City Share             |                  | 60,000           | 520,000          | 140,000          | 180,000          |
| <b>City Match Transportation Improvmnts Total (pg. 3)</b> | <b>0</b>         | <b>60,000</b>    | <b>520,000</b>   | <b>140,000</b>   | <b>180,000</b>   |
| <b>City Match Street Resurfacing (pg. 3)</b>              | <b>320,000</b>   | <b>150,000</b>   | <b>480,000</b>   | <b>500,000</b>   | <b>370,000</b>   |
| <b>TOTAL REVENUE</b>                                      | <b>3,810,000</b> | <b>1,310,000</b> | <b>6,660,000</b> | <b>2,105,000</b> | <b>2,855,000</b> |
| <b>EXPENDITURES:</b>                                      |                  |                  |                  |                  |                  |
| <b>Transportation Improvements</b>                        |                  |                  |                  |                  |                  |
| US 23 & Pennsylvania                                      | 2,585,000        |                  |                  |                  |                  |
| US 36/E. William St. Improvements (Design)                | 100,000          | 250,000          | 4,900,000        |                  |                  |
| CSX Overheight Detection System                           | 215,000          |                  |                  |                  |                  |
| E. Central Ave. Improvements                              |                  |                  | 400,000          | 400,000          | 400,000          |
| The Point Improvements                                    |                  | 300,000          | 300,000          | 300,000          | 500,000          |
| Signal Coordination Analysis and Update                   |                  |                  |                  | 300,000          | 1,000,000        |
| <b>Street Resurfacing</b>                                 |                  |                  |                  |                  |                  |
| <b>OPWC Projects</b>                                      |                  |                  |                  |                  |                  |
| - N. Sandusky Street, Park Ave. (Sandusky - Curtis)       | 820,000          |                  |                  |                  |                  |
| - London Road                                             |                  | 650,000          |                  |                  |                  |
| - Pittsburgh Drive, Heffner St.                           |                  |                  | 980,000          |                  |                  |
| - Houk Road (Pittsburgh to Merrick)                       |                  |                  |                  | 1,000,000        |                  |
| - Liberty Rd., Belle Ave.                                 |                  |                  |                  |                  | 870,000          |
| <b>CDBG Grant</b>                                         |                  |                  |                  |                  |                  |
| <b>- Weiser Ave</b>                                       |                  |                  |                  |                  |                  |
| - Kurrley, Ann, Elm, Wade, Bank                           | 90,000           |                  |                  |                  |                  |
| - Harrison St. (East and West)                            |                  | 110,000          |                  |                  |                  |
| - Wade St., Moore St.                                     |                  |                  | 80,000           |                  |                  |
| - English Terrace, Pumphrey Terrace                       |                  |                  |                  | 105,000          |                  |
| - Wootring                                                |                  |                  |                  |                  | 85,000           |
| <b>TOTAL EXPENDITURES</b>                                 | <b>3,810,000</b> | <b>1,310,000</b> | <b>6,660,000</b> | <b>2,105,000</b> | <b>2,855,000</b> |

## **PARKS IMPROVEMENTS**

### Description:

The City will continue to complete major improvements to the neighborhood and community parks system through the allocation of \$3.8M of Parks Levy funds. Focus is centered on completion of an all inclusive Spray and Play Facility and Veterans Memorial Plaza at Veterans Park. With the final phases of \$23 million in tax levy financed infrastructure and recreational field improvements coming to a close, emphasis will shift toward park operations, programming, and sustainability initiatives that integrate and highlight the abundant natural resources that are available to the community.

The City has begun a Bikeway Master Plan update based on input from staff, Planning Commission, Parks and Recreation Advisory Board, City Council and our citizens who provided detailed feedback on trail needs within the City. Regional trail system connections are being studied that include the Olentangy River corridor and Delaware Run corridor, and connections of major resources such as the Stratford Ecological Center, Gallant Woods Preserve, and Delaware Lake to the trail system. With a Parks & Natural Resources Director in place in 2016, we will place focus on the updated bikeway plan and address prioritization of trails improvements as a part of the CIP.

Parks Impact fees are utilized toward the construction of regional improvements that benefit the community in general. Improvements completed over the last decade with impact fees include the Jack Florance pool complex, Mingo Park administrative office expansion, and addition of the Three-Season Shelter. With the retirement of associated debt service, funding has become available through accumulating fees that could be utilized for new regional initiatives to connect our area resources such as filling gaps in the City's bikeway and trails system.

This CIP includes funding in 2016, 2017 and 2018 to complete trail connectivity on William St between Penick Ave and Houk Road to connect numerous neighborhoods to the City parks and schools, retail and commercial establishments in the area, and on Central Ave between the Westfield Shopping Center and Trotters Landing to safely connect large residential areas into the trail system.

The completion of trails between Penick Ave and Houk Rd will build on trail extensions to be built as part of pending privately funded improvements to the Church of Latter Day Saints and the Delaware Court Retirement Facility.

The connection between Westfield and Trotters was included in last year's CIP. However, detailed evaluation of the project revealed design and construction challenges related to existing slopes, utility line locations and condition of the

connecting trail that will necessitate shifting the project into the 2016 calendar year.

As noted, these trail connectivity and safety projects are largely funded through impact fees. Working hand in hand with our consultant and their funding experts, staff will make concerted efforts to acquire grants to supplement City funding for these much needed projects

Primary Strategic Plan Theme/Goals:

Great Community

GC2 - Provide an efficient transportation system with safe and complete streets

GC3 - Provide a effective stewardship of natural resources and sustainability (parks, open space, Olentangy River, Delaware Run)

GC4 - Provide a variety of recreational and cultural opportunities

Master Planning Efforts:

2014 Parks Levy Budget Plan (Smartsheet)

Unknown year – Strategic Master Plan for Parks, Recreation, and Open Space - NBBJ

2012- Delaware Run Best Management Practice Feasibility Study – Cardno-ENTRIX

2015 - Update 2010 Bikeway Plan – prioritize improvements based on 2010 study and 2015 study to fill gaps, correct safety concerns and locate additional means of funding and develop conceptual plans to address these items.

**CAPITAL IMPROVEMENT PLAN  
PARKS IMPROVEMENT FUND  
2016 - 2020**

|                                            | 2016   | 2017    | 2018    | 2019   | 2020   |
|--------------------------------------------|--------|---------|---------|--------|--------|
| <b>BALANCE FORWARD</b>                     | 67,840 | 30,000  | 5,000   | 5,000  | 5,000  |
| <b>REVENUES:</b>                           |        |         |         |        |        |
| Neighborhood Park Exaction Fees            | 5,000  | 5,000   | 5,000   | 5,000  | 5,000  |
| <i>CIP Allocation (pg. 1)</i>              | 27,160 | 165,000 | 115,000 | 80,000 | 15,000 |
| <b>TOTAL REVENUES</b>                      | 32,160 | 170,000 | 120,000 | 85,000 | 20,000 |
| <b>EXPENDITURES:</b>                       |        |         |         |        |        |
| <b>COMMUNITY PARKS</b>                     |        |         |         |        |        |
| - Mingo                                    | 20,000 | 180,000 | 15,000  | 45,000 |        |
| - Hidden Valley Clubhouse/ADA Improvements | 10,000 |         |         |        |        |
| - Smith Park                               |        | 15,000  |         | 30,000 |        |
| - Blue Limestone                           |        |         |         |        | 20,000 |
| <b>NEIGHBORHOOD PARK IMPROVEMENTS</b>      |        |         |         |        |        |
| - Carson Farms                             |        |         | 10,000  |        |        |
| - Cheshire                                 |        |         | 10,000  |        |        |
| - Eastside                                 |        |         | 40,000  |        |        |
| - Lexington Glen                           | 40,000 |         |         | 10,000 |        |
| - Nottingham                               |        |         | 25,000  |        |        |
| - Stratford Woods                          |        |         | 20,000  |        |        |
| <b>TOTAL EXPENDITURES</b>                  | 70,000 | 195,000 | 120,000 | 85,000 | 20,000 |
| <b>ENDING FUND BALANCE</b>                 | 30,000 | 5,000   | 5,000   | 5,000  | 5,000  |

**CAPITAL IMPROVEMENT PLAN  
PARK IMPACT FEE IMPROVEMENT FUND  
2016 - 2020**

|                                                     | 2016           | 2017           | 2018           | 2019           | 2020           |
|-----------------------------------------------------|----------------|----------------|----------------|----------------|----------------|
| <b>BALANCE FORWARD</b>                              | 671,185        | 210,640        | 210,640        | 135,640        | 160,640        |
| <b>REVENUES:</b>                                    |                |                |                |                |                |
| Impact Fees                                         | 225,000        | 225,000        | 225,000        | 225,000        | 225,000        |
| Trail Improvement Grants                            |                | 150,000        |                |                |                |
| <b>TOTAL REVENUES</b>                               | <b>225,000</b> | <b>375,000</b> | <b>225,000</b> | <b>225,000</b> | <b>225,000</b> |
|                                                     |                |                |                |                |                |
| <b>EXPENDITURES:</b>                                |                |                |                |                |                |
| <b>DEBT SERVICE</b>                                 |                |                |                |                |                |
| <b>Bonds</b>                                        |                |                |                |                |                |
| Pool Imprvmnts (\$450,000 10yrs., 2006 Issue, 2016) | 56,295         |                |                |                |                |
| 2006 Mingo Expansion (\$500,000 10yrs., 2016)       | 62,550         |                |                |                |                |
| <b>Total Debt Service</b>                           | <b>118,845</b> | <b>0</b>       | <b>0</b>       | <b>0</b>       | <b>0</b>       |
|                                                     |                |                |                |                |                |
| <b>COMMUNITY PARK IMPROVEMENTS</b>                  |                |                |                |                |                |
| Ross St. Parkland Expansion (bldg. demo)            | 100,000        |                |                |                |                |
| Ross St. Park Improvement                           |                | 75,000         |                |                |                |
|                                                     |                |                |                |                |                |
| <b>COMMUNITY TRAIL IMPROVEMENTS</b>                 |                |                |                |                |                |
| SR 37 (Westfield-Trotters)                          | 466,700        |                |                |                |                |
| William St. (east of Applegate to Houk)             |                | 300,000        | 300,000        |                |                |
| Other Trail Expansion Projects                      |                |                |                | 200,000        | 200,000        |
| <b>TOTAL IMPACT FEE EXPENDITURES</b>                | <b>685,545</b> | <b>375,000</b> | <b>300,000</b> | <b>200,000</b> | <b>200,000</b> |
| <b>IMPACT FEE BALANCE</b>                           | <b>210,640</b> | <b>210,640</b> | <b>135,640</b> | <b>160,640</b> | <b>185,640</b> |

## **EQUIPMENT**

### Description:

Public Works completed an update of the comprehensive equipment inventory for all city departments in 2014. Identified are 160 individual major pieces of major rolling stock equipment, and additional 100 minor pieces. Major equipment includes all service vehicles and construction equipment, while minor equipment includes lawnmowers, golf carts, generators, etc. The majority of this equipment is serviced by the Fleet Maintenance staff of the Public Works department. Policy regarding equipment replacement needs to be reviewed. Because of the size of the fleet, an annualized budget should be developed taking into consideration all equipment in the city. Replacement of equipment should be a function of the needs of the operating department, engine hours and miles, cost of repairs, trade-in values, availability of back-up, condition, reliability and safety.

The Equipment Replacement fund includes vehicles operated by all divisions of the Public Works, Police, Parks and Natural Resources, and Planning departments. Refuse, Fire and Utility vehicles appear in the CIP under those associated funds. When a vehicle or piece of equipment is to be replaced or added to the fleet, the operating department, with assistance from Public Works Fleet division staff, specifies the make, model and associated specifications, and includes the total anticipated cost in the Equipment Fund. Parks and Natural Resources continue to follow the comprehensive equipment inventory schedule developed along with The Public Works Department. The department continues to trade in mowers after a year of service due to the amount of hours being placed on these units, trade in values and reliability. With the ever expanding needs of the department it will be imperative to continue this method and shortly add to the fleet, with a seventh mower.

Historically, police vehicles are decommissioned from police activity after three years of service due to safety and performance concerns. Though the vehicles generally have high mileage when retired from police use, the vehicles are generally in good condition and acceptable for other departments that are considered low mileage users of their respective vehicles. Changes to the police fleet vehicle colors and styles however make establishing a uniform identity to the remaining city fleet difficult to maintain.

### Primary Strategic Plan Theme/Goals:

Effective Government/Safe City/Effective Government

### Master Planning Efforts:

2014 – Comprehensive Update of Equipment Inventory

2015 – 2016 Evaluation of Equipment Replacement Practices

2016 – Evaluation of Fleet Service, Parts, Costs and Tracking Metrics

**CAPITAL IMPROVEMENT PLAN  
EQUIPMENT REPLACEMENT FUND  
2016 - 2020**

|                                           | 2016    | 2017    | 2018    | 2019    | 2020    |
|-------------------------------------------|---------|---------|---------|---------|---------|
| <b>BALANCES FORWARD</b>                   | 77,886  | 6,186   | 32,166  | 157,727 | 75,827  |
| <b>REVENUES:</b>                          |         |         |         |         |         |
| Cemetery Fund                             | 13,000  |         | 14,300  |         | 15,730  |
| Airport Fund                              | 115,000 |         | 28,000  | 16,000  |         |
| <i>CIP Allocation (pg. 1)</i>             | 600,000 | 500,000 | 500,000 | 500,000 | 550,000 |
| <b>TOTAL REVENUE</b>                      | 600,000 | 500,000 | 500,000 | 500,000 | 550,000 |
| <b>EXPENDITURES:</b>                      |         |         |         |         |         |
| <b>PUBLIC WORKS</b>                       |         |         |         |         |         |
| Pickup Trucks                             | 31,900  |         |         | 33,800  | 62,000  |
| Bucket Truck                              | 115,000 |         |         |         |         |
| 2 Ton Dump Truck                          | 150,800 |         |         | 159,959 | 164,700 |
| 1 Ton Utility Truck                       |         | 52,000  | 65,000  |         |         |
| Backhoe                                   |         | 79,524  |         |         | 85,000  |
| Skid Steer                                |         | 36,551  |         | 53,100  |         |
| Asphalt Recycler                          |         |         |         | 85,000  |         |
| Fork Lift                                 |         | 26,500  |         |         |         |
| Scissor Lift                              |         | 14,000  |         |         |         |
| Utility Van                               |         |         |         |         | 21,500  |
| <b>TOTAL PUBLIC WORKS</b>                 | 297,700 | 208,575 | 65,000  | 331,859 | 333,200 |
| <b>PARKS AND RECREATION</b>               |         |         |         |         |         |
| Pickup Trucks                             | 30,500  | 32,425  | 102,139 | 35,668  | 37,451  |
| Skid Steer                                |         |         |         | 45,373  |         |
| 1 Ton Dump Truck                          | 15,000  |         |         |         |         |
| Park Mowers                               | 17,000  | 27,500  | 21,000  | 22,000  | 23,000  |
| Flail/Rotary/Woods Mower                  |         | 7,500   | 15,000  |         |         |
| Utility Vehicle                           |         | 11,000  |         |         |         |
| Utility Tractor (snow plowing/ballfields) | 30,000  |         |         |         |         |
| Bucket Truck                              |         |         |         |         | 80,000  |
| 45 HP Tractor                             |         | 31,020  |         |         |         |
| <b>TOTAL PARKS AND RECREATION</b>         | 92,500  | 109,445 | 138,139 | 103,041 | 140,451 |
| <b>AIRPORT</b>                            |         |         |         |         |         |
| Mower                                     |         |         |         | 16,000  |         |
| GPU                                       |         |         | 28,000  |         |         |
| Jet A Truck (Used)                        | 115,000 |         |         |         |         |
| <b>TOTAL AIRPORT</b>                      | 115,000 | 0       | 28,000  | 16,000  | 0       |
| <b>POLICE DEPARTMENT</b>                  |         |         |         |         |         |
| Police Cruiser Replacements (3/yr.)       | 125,000 | 127,000 | 129,000 | 131,000 | 133,000 |
| Detective Vehicle                         | 28,500  | 29,000  |         |         |         |
| <b>TOTAL POLICE</b>                       | 153,500 | 156,000 | 129,000 | 131,000 | 133,000 |
| <b>CEMETERY</b>                           |         |         |         |         |         |
| Mower Replacement                         | 13,000  |         | 14,300  |         | 15,730  |
| <b>TOTAL CEMETERY</b>                     | 13,000  | 0       | 14,300  | 0       | 15,730  |
| <b>TOTAL EXPENDITURES</b>                 | 671,700 | 474,020 | 374,439 | 581,900 | 622,381 |
| <b>CARRY OVER BALANCE</b>                 | 6,186   | 32,166  | 157,727 | 75,827  | 3,446   |

## **INFORMATION TECHNOLOGY**

### **Description**

The City of Delaware Department of Information Technology exists to enable the various City departments to efficiently and effectively achieve their goals by delivering the high-quality services and technologies staff needs, while maintaining the fiscal responsibility our citizens expect. The technology related capital planning for the city can be classified into four major areas:

- Internal Infrastructure and Network Services
- External Network Infrastructure
- Application Software Systems Support
- Equipment Acquisition for End-User Support

### **Equipment Acquisition for End-User Support**

#### ***PC Replacements:***

This project has historically attempted to replace as many older and failing computers as possible. The City has increased the life expectancy of deployed machines from 3 to 5 years, and the observed trend moving away from traditional desktops to tablets and mobile technologies is anticipated to start driving replacement costs down after 2016.

#### ***Copier/Scanner Replacement***

In 2007, the City purchased 14 network-attached, multi-function copiers for printing, scanning, faxing, and traditional photocopying services. In the intervening years, that number has increased to 29 copiers/printers. The \$22,000 yearly funding in this project is intended to initiate a new Capital Lease, similar to the method used in 2007, to replace the copiers in 2016 and spread payment of the replacement units over their 6 to 7 year useful life.

### **Internal Infrastructure and Network Services**

#### ***High-capacity Storage***

In 2012 the City purchased a high-capacity storage disk array to house most of the City's file shares and provides storage for some non-critical virtual servers. This EMC disk array is now full, starting to show hardware failures, and the requirement for extremely high-capacity data storage will only increase. Market pressures continue to drive the cost of "capacity" storage down, and a budget of \$40,000 should be sufficient for large-scale replacement.

### **External Network Infrastructure**

#### ***Fiber Optic Networks***

The City has ten miles of fiber optic cable, both under- and above-ground connecting most of the City's assets. In the past the City has attempted to partner with external entities to further extend our fiber system capabilities. Moving forward we would like to take a more pro-active role in identifying fiber needs and opportunities. We hope to prepare a basic strategic plan with some outside contractual assistance in 2016 to identify strategic improvements that benefit not only internal city technology communication needs, but also foster economic development opportunities citywide.

### **Application Software Systems Support:**

The major system-wide software systems utilized by the City are:

- Azteca City works (City-wide Computerized Maintenance Management System, & Planning, Permitting, and Licensing)
- ESRI ArcGIS (City-wide Geographic Information System)
- Civica CMI (City-wide Financial and Revenue Collection software “suite” with specific modules for Payroll, Utility Billing, Income Tax Collection, and Financial and Budgetary Accounting)
- SunGard ONESolution (Police Record Management System / Computer Aided Dispatch)
- ZOLL FireRMS, ePCR, etc. (Fire and EMS integrated software)
- Microsoft Exchange (City-wide email, calendaring, and messaging software)

The current five year capital plan includes resources to replace/upgrade several existing software systems including the Police system in 2017 and several finance applications in 2016, 2018, and 2019. In addition new software is being proposed in 2016 for time and attendance software and a Human Resources management system. Most software systems require initial acquisition and implementation costs and then subsequent annual license fees in addition to annual support costs which are included in operations. Thus we are reflecting multi-year costs for several of the acquisitions.

#### ***Police Records Management System***

The Delaware Police Department currently utilizes a Record Management System / Computer Aided Dispatch software suite that utilizes “green screen” technology dating from the late 1990’s, and has existed in its current form since at least 2007.

The current software and support agreements do not include upgrades, and the most recent budgetary quote to move to a 21<sup>st</sup> century RMS came in at over three hundred thousand dollars. A full departmental needs assessment will begin in 2016 to determine if less costly alternatives are available, with a planned implementation of an integrated system in 2017.

#### ***Human Resources Systems***

The Department of Administrative Services presently does not have an integrated Human Resources Management software system, instead using a “constellation” of disparate Excel spreadsheets and Access databases. This makes recordkeeping and retention difficult, and increases the possibilities of human errors in processing employee records. In a time where security and records leaks are daily news, and statutory health care reporting provisions are looming, the need for a HR system that integrates with Payroll and Time & Attendance is critical.

#### **Strategic Plan Theme/Goals**

##### ***Effective Government***

(EF1—effectively deliver the services that Delaware citizens need, want, and are willing to support, by maintaining high quality technology.)

##### **Master Planning Efforts**

2016—Application Software Systems Support integrated Payroll, Time & Attendance, and Human Resource Management software systems.

2016—Internal Infrastructure and Network Services high-capacity storage replacements and upgrades.

2017—Application Software Systems Support possible integrated Police RMS and CAD software systems upgrade or replacement.

2017—Internal Infrastructure and Network Services network switch and firewall replacements.

2018—Application Software Systems Support improvements with integrated Budgetary Forecasting and Planning software systems.

2018— Internal Infrastructure and Network Services virtual server acquisitions.

2019—Application Software Systems Support improvements with integrated Local Income Tax Collection software systems.

2019—Infrastructure and Network Services improvements (difficult to forecast) probably migration to “cloud-based” Infrastructure as a Service offerings

2016-2020—Equipment Acquisitions for yearly PC Desktop, Laptop, Tablet hardware replacements and Copier / Scanner replacements.

2016-2020—External Network Infrastructure yearly fiber optic network expansion and maintenance.

**CAPITAL IMPROVEMENT PLAN  
TECHNOLOGY IMPROVEMENTS  
2016 - 2020**

|                                                   | 2016    | 2017    | 2018    | 2019    | 2020    |
|---------------------------------------------------|---------|---------|---------|---------|---------|
| <b>REVENUES:</b>                                  |         |         |         |         |         |
| <i>CIP Allocation (pg. 1)</i>                     | 150,000 | 444,125 | 154,720 | 184,220 | 102,720 |
| <b>TOTAL REVENUE</b>                              | 150,000 | 444,125 | 154,720 | 184,220 | 102,720 |
| <b>EXPENDITURES:</b>                              |         |         |         |         |         |
| <b>Equipment Acquisition</b>                      |         |         |         |         |         |
| PC Replacement                                    | 16,000  | 16,000  | 16,000  | 35,000  | 16,000  |
| Copier Replacement                                | 22,000  | 22,000  | 22,000  | 22,000  | 22,000  |
| <b>Internal Network Acquisition</b>               |         |         |         |         |         |
| High Capacity Storage Replacements                | 40,000  |         |         |         |         |
| Network Switch and Firewall Replacements          |         | 75,000  |         |         |         |
| Virtual Server Acquisition                        |         |         | 40,000  |         |         |
| Migration to Cloud Based Infrastructure           |         |         |         | 40,000  |         |
| <b>External Network Infrastructure</b>            |         |         |         |         |         |
| Fiber System Expansion                            | 10,000  | 10,000  | 10,000  | 10,000  | 10,000  |
| <b>Software Application Acquisition/Retention</b> |         |         |         |         |         |
| Payroll, Human Resource Mgmt.                     | 62,000  | 18,500  | 18,500  | 18,500  | 18,500  |
| Police Records Management System                  |         | 302,625 | 18,220  | 18,220  | 18,220  |
| Budgetary Accounting System                       |         |         | 30,000  | 10,500  | 9,000   |
| Income Tax Collection System                      |         |         |         | 30,000  | 9,000   |
| <b>TOTAL EXPENDITURES</b>                         | 150,000 | 444,125 | 154,720 | 184,220 | 102,720 |

## **FACILITY MAINTENANCE**

### Description:

The city maintains multiple facilities each with expensive components, systems and equipment requiring periodic maintenance, adjustment and replacement. The Public Works Department currently manages the maintenance and custodial needs of two of the largest and most visible public buildings in the city being the Justice Center and City Hall. Staff also manages maintenance activities for the Engineering division building at 20 E William St, the recently acquired Gazette building, the Public Works Facility, current facilities on Cherry Street, Ross Street and the city owned rental units on W Central Ave. Facilities require a variety of daily, weekly, quarterly, and annual maintenance activities to guarantee the operation of critical systems including building security, back-up power, fire protection, elevators, heating & cooling, plumbing & electrical, roofing and other related systems. The majority of this work is funded through the Public Works Facility Maintenance operations budget, though certain large expenses, such as HVAC replacements, roof repairs, flooring replacement and facility expansions are managed through the CIP.

One of major challenges is the HVAC systems at the Municipal Court Building and City Hall. In 2014, a comprehensive inspection of the HVAC system at City Hall identified multiple failed components which were attributed to the poor operation and performance of the HVAC systems. Recently, the first of several major improvements was completed which included the replacement of the 50 ton rooftop chiller unit at a cost of \$125,000. The evaluation identified an additional \$300,000 in necessary improvements at City Hall to bring the system back to full operation and efficiency. However, additional study by the City's HVAC contractor determined that the cost of improvements could be reduced to an estimated \$125,000 by utilizing existing wiring and lines, and by retrofitting existing air handlers and VAV units with updated motors, actuators and related control components. The 2016 CIP includes these repairs to the system along with the upgrade of the HVAC management software and associated equipment in City Hall to provide improved monitoring and operation. Currently problems can only be detected by staff on-site and generally not until being reported following component failure. The upgrade will permit for remote monitoring, notification of component failure, and adjustment to system performance.

While HVAC operation demands the attention of majority of the limited staff time available for building maintenance work, multiple other systems at times, go largely unchecked which can lead to malfunctions and failures undetected or addressed for periods of several days or longer. Similarly, the time to perform system evaluations of all primary building systems and components is not available at current staffing levels. Nevertheless, for affective management of the facilities, such assessments need to be performed to develop the appropriate maintenance and cost schedules for each facility and system. Assessments shall include roofing, flooring, painting, and backup power

systems. The 2016 CIP proposes the replacement of the entire fifty plus year old roof at Public Works with a new standing seam roof system. The current roof has multiple leaks, and in places is so deteriorated that repeated attempts to plug leaks has failed. Staff has resorted to placing tarps or other barriers on the roof to divert water away from areas subject to repeated leaks.

In 2014, a Public Works Facility Improvements plan was approved as part of the operational reorganizational effort that has been under review since 2012. Ongoing improvements include the construction of a 2,240 SF administrative addition to accommodate the consolidation of the Engineering Division within the Public Works operation, with completion anticipated by November, 2015. The construction of the new 3000 ton capacity Salt Storage Barn and associated Brine Production Machine was completed in October of 2014. Additional improvements to the facility include the demolition and replacement of approximately 9000 SF of building space to house the Traffic Division. Demolition will include two wood drying kilns used by the former industrial tenant and the shed structure on the east end of the fleet garage.

The highest priority improvement at the Public Works facility is replacement of the original steel roof which covers all existing buildings. The roof is prone to multiple leaks, especially near the skylight openings. The replacement could be performed in two phases though it is anticipated the best cost can be achieved in a single project. First phase must include the roof replacement over existing finished administrative spaces, subject to ongoing leaks and ceiling damage during heavy rain events.

The fire suppression system within the public works facility is also in need of replacement, specifically the original steel fire lines now over fifty years old. Like the roof, these lines form leaks annually causing the fires system to activity and deliver water to various areas of he facility. Repairs are shown to occur over a three year schedule.

Public parking lot resurfacing has been removed from the CIP due to the limited availability of funding. The city owns and operates 31 public parking lots either adjacent to public buildings, or free standing for local public access. Maintenance work generally involves restriping, sealing, crack repair, pothole repair, and periodic resurfacing. Maintenance work will be performed by Public Works staff in order to maintain the parking lots in a safe and drivable condition. Recent equipment purchases including the pavement zipper and mobile hot boxes allows for proper maintenance to be performed year round. The cost the materials required to complete this work will be included within the annual operations budget.

Each year, facilities are subject to unanticipated maintenance expenses involving building or equipment failures. Most of these improvements include emergency plumbing, HVAC or other system repairs that must be addressed

upon discovery. Cumulatively, these expenses add up to a significant amount annually, though they are not specifically identified or included in the capital plan. Other planned maintenance improvements that are typically below \$15,000 in cost could be included in the CIP but are also best addressed through the operations budget. Together, these items will be shown as a separate line item in future Facilities Maintenance operations budgets to adequately account for their reoccurrence.

Primary Strategic Plan Theme/Goals:

Effective Government

SC1 - Effectively deliver the services that Delaware citizens need, want, and are willing to support

Master Planning Efforts

HVAC Inventory & Assessment

Roofing Inventory & Assessment

Flooring Inventory & Assessment

**CAPITAL IMPROVEMENT PLAN  
BUILDING MAINTENANCE IMPROVEMENTS  
2016 - 2020**

|                                                 | 2016           | 2017          | 2018          | 2019          | 2020          |
|-------------------------------------------------|----------------|---------------|---------------|---------------|---------------|
| <b>REVENUES:</b>                                |                |               |               |               |               |
| Bond Proceeds                                   | 450,000        |               |               |               |               |
| <i>CIP Allocation (pg. 1)</i>                   | <b>185,000</b> | <b>65,000</b> | <b>67,000</b> | <b>70,000</b> | <b>70,000</b> |
| <b>TOTAL REVENUE</b>                            | <b>635,000</b> | <b>65,000</b> | <b>67,000</b> | <b>70,000</b> | <b>70,000</b> |
| <b>EXPENDITURES:</b>                            |                |               |               |               |               |
| Carpet Replacement                              | 10,000         | 10,000        | 10,000        | 10,000        | 10,000        |
| City Hall HVAC                                  | 125,000        |               |               |               |               |
| Justice Center HVAC/Other Building Improvements | 25,000         | 25,000        | 25,000        | 25,000        | 25,000        |
| Roof Repairs City Hall, Justice Center          | 25,000         | 30,000        | 32,000        | 35,000        | 35,000        |
| Public Works Building                           |                |               |               |               |               |
| - Roof Replacement                              | 450,000        |               |               |               |               |
| <b>TOTAL EXPENDITURES</b>                       | <b>635,000</b> | <b>65,000</b> | <b>67,000</b> | <b>70,000</b> | <b>70,000</b> |

## **SIDEWALK IMPROVEMENTS**

### Description:

The Safe Walks initiative is included as part of the Highway Maintenance Plan's sidewalk maintenance program. Since its inception in 2006, the Safe Walks program has resulted in approximately 220,000 square feet of sidewalk being identified for replacement. This is the equivalent of 8,800 sidewalk sections or just over 8.3 miles of new sidewalk. The value of the program work to date is \$2.7 million, with approximately 45 percent of the cost being covered by property owners and the remaining 55 percent by the city.

The most recent area to be evaluated for repairs is the city's northwest side, with repairs to be completed through fall of 2016. With completion of this work, the city will focus on the last remaining area including all neighborhoods south of US36 and west of the CSX railway. Though it was contemplated in 2013 to evaluate and address the west side of the city beginning in 2014, changes and limitations in staff capacity required the work be deferred evaluation until 2015 and 2016.

Once the final west side phase has been completed, the entire community will have been evaluated and addressed for sidewalk deficiencies. Because it is anticipated that additional deficiencies will arise as sidewalk sections age and street trees grow, it is being recommended as part of an ongoing efforts through the Sidewalk Maintenance Program to continue routine sidewalk evaluations throughout the community to identify new deficiencies in accordance with the Safe Walks Program protocol. Evaluations would occur on a 5-year cycle covering the entire city. It is anticipated that the number of repairs identified will be relatively minor compared to the initial program evaluation findings.

Removed from the CIP this year are non-Safe Walks sidewalk improvements throughout the community that are proposed now to be managed through a dedicated line item in the Streets Maintenance and Repair Division (SMR) operating budget. The line item will include maintenance of ADA Ramps, sidewalk infill projects, downtown streetscape area brick paver repairs, and bike network maintenance activities. Funding will be established through the Public Works SMR division for materials. Work will be prioritized and managed accordingly based on funding levels and staff availability.

### Primary Strategic Plan Theme/Goals:

GC2 - Provide an efficient transportation system with safe and complete streets

### Master Planning Efforts

2015 - 2016 Repairs to Northwest Area

2016 - 2017 Repairs to Southwest Area

2018 - Implement 5-Year Evaluation Cycle

**CAPITAL IMPROVEMENT PLAN  
SAFEWALK SIDEWALK PROGRAM  
2016 - 2020**

|                                       | 2016             | 2017             | 2018             | 2019           | 2020           |
|---------------------------------------|------------------|------------------|------------------|----------------|----------------|
| <b>BALANCES FORWARD</b>               | 0                | 47,488           | 37,274           | 37,464         | 46,499         |
| <b>REVENUES:</b>                      |                  |                  |                  |                |                |
| Resident Direct Payment               | 183,000          | 183,000          | 47,500           |                |                |
| Property Tax Assessments              |                  |                  |                  |                |                |
| Prior Years                           | 21,538           | 20,086           |                  |                |                |
| 2012                                  | 8,645            | 8,645            | 8,645            |                |                |
| 2014                                  | 4,280            | 4,280            | 4,280            | 4,280          |                |
| 2015                                  | 34,275           | 34,275           | 34,275           | 34,275         | 34,275         |
| 2016                                  |                  |                  | 45,240           | 45,240         | 45,240         |
| 2017                                  |                  |                  |                  | 45,240         | 45,240         |
| Note Issue                            | 750,000          | 975,000          | 750,000          | 550,000        | 325,000        |
| CIP Allocation Safewalk               | 100,000          | 125,000          | 125,000          | 125,000        | 125,000        |
| <b>Total CIP Allocation (pg. 1)</b>   | <b>100,000</b>   | <b>125,000</b>   | <b>125,000</b>   | <b>125,000</b> | <b>125,000</b> |
| <b>TOTAL REVENUE</b>                  | <b>1,101,738</b> | <b>1,350,286</b> | <b>1,014,940</b> | <b>804,035</b> | <b>574,755</b> |
| <b>EXPENDITURES:</b>                  |                  |                  |                  |                |                |
| <b>RESIDENT REPAIR RESPONSIBILITY</b> |                  |                  |                  |                |                |
| Invoice                               | 183,000          | 183,000          | 10,000           | 10,000         | 10,000         |
| Assessment                            | 183,000          | 183,000          | 10,000           | 10,000         | 10,000         |
| <b>CITY REPAIR RESPONSIBILITY</b>     |                  |                  |                  |                |                |
| City Invoice                          | 187,000          | 187,000          | 10,000           | 10,000         | 10,000         |
| <b>SIDEWALK INSPECTION SERVICES</b>   | 50,000           | 50,000           |                  |                |                |
| <b>DEBT SERVICE</b>                   | 451,250          | 757,500          | 984,750          | 765,000        | 561,000        |
| <b>Total Safewalk Expenditures</b>    | <b>1,054,250</b> | <b>1,360,500</b> | <b>1,014,750</b> | <b>795,000</b> | <b>591,000</b> |
| <b>ENDING FUND BALANCE</b>            | <b>47,488</b>    | <b>37,274</b>    | <b>37,464</b>    | <b>46,499</b>  | <b>30,254</b>  |

## **FIRE/EMS**

The most significant project in the Fire/EMS fund is Station 304, located on Cheshire Road and Glenn Parkway, slated for construction in 2016. The station design will follow the design of station 303.

Equally important in 2016 is the purchase of an engine truck. This is anticipated to be a Quintuple Combination Pumper and would be located at Fire Station 303.

Also in 2016-20, funding is being recommended that would replace staff/utility vehicles.

**CAPITAL IMPROVEMENT PLAN  
FIRE/EMS FUND  
2016 - 2020**

|                                                   | 2016             | 2017             | 2018             | 2019             | 2020             |
|---------------------------------------------------|------------------|------------------|------------------|------------------|------------------|
| <b>BALANCES FORWARD</b>                           | <b>1,450,225</b> | <b>1,747,092</b> | <b>1,800,453</b> | <b>1,422,545</b> | <b>1,508,922</b> |
| <b>REVENUES:</b>                                  |                  |                  |                  |                  |                  |
| Fire/EMS Income Tax                               | 735,000          | 770,000          | 805,000          | 840,000          | 840,000          |
| Fire Impact Fee Funds                             | 85,000           | 87,000           | 87,000           | 90,000           | 90,000           |
| Capital Lease Proceeds                            | 1,125,509        |                  |                  |                  |                  |
| Bond Issue - Station 304                          | 4,000,000        |                  |                  |                  |                  |
| <b>TOTAL REVENUE</b>                              | <b>5,945,509</b> | <b>857,000</b>   | <b>892,000</b>   | <b>930,000</b>   | <b>930,000</b>   |
| <b>EXPENDITURES:</b>                              |                  |                  |                  |                  |                  |
| <b>DEBT SERVICE</b>                               |                  |                  |                  |                  |                  |
| Station 302 (\$573,416, 10 yrs, 1.502%, 2022)     | 63,515           | 63,794           | 64,064           | 63,743           | 60,872           |
| Station 303 (\$2,755,000, 2.94%, 2032)            | 186,519          | 181,518          | 176,519          | 176,518          | 174,569          |
| Station 304 (\$4,000,000, 20 yrs, 4.0%, 2035)     |                  | 165,000          | 292,446          | 292,446          | 292,446          |
| Ladder Truck Lease (1,090,176, 1.83%, 7yrs, 2019) | 166,294          | 166,294          | 166,294          | 41,573           |                  |
| Engine Truck Lease (1,125,509, 1.83%, 7yrs, 2023) |                  | 83,147           | 166,294          | 166,294          | 166,294          |
| EMS Vehicles (3) - (800,000, 10 yrs. 2024)        | 95,550           | 93,950           | 92,350           | 90,750           | 94,150           |
| <b>STATION CONSTRUCTION</b>                       |                  |                  |                  |                  |                  |
| Station #304 - Cheshire Rd.                       | 4,000,000        |                  |                  |                  |                  |
| <b>APPARATUS/VEHICLES</b>                         |                  |                  |                  |                  |                  |
| Engine/Pumper Truck                               | 1,125,509        |                  |                  |                  | 823,401          |
| Paramedic Units                                   |                  |                  |                  |                  | 392,699          |
| Staff/Utility Vehicles                            | 11,255           | 49,936           | 11,941           | 12,299           | 12,299           |
| <b>EQUIPMENT</b>                                  |                  |                  |                  |                  |                  |
| Defibrillators/Cardiac Monitors                   |                  |                  | 300,000          |                  |                  |
| <b>TOTAL EXPENDITURES:</b>                        | <b>5,648,642</b> | <b>803,639</b>   | <b>1,269,908</b> | <b>843,623</b>   | <b>2,016,730</b> |
| <b>ENDING BALANCE</b>                             | <b>1,747,092</b> | <b>1,800,453</b> | <b>1,422,545</b> | <b>1,508,922</b> | <b>422,192</b>   |

|                          |           |           |           |           |           |
|--------------------------|-----------|-----------|-----------|-----------|-----------|
| Debt Balance Outstanding | 8,783,806 | 7,909,288 | 7,020,394 | 6,237,076 | 5,964,650 |
|--------------------------|-----------|-----------|-----------|-----------|-----------|

**CAPITAL IMPROVEMENT PLAN  
POLICE IMPACT FEE FUND  
2016 - 2020**

|                                               | 2016    | 2017    | 2018    | 2019    | 2020    |
|-----------------------------------------------|---------|---------|---------|---------|---------|
| <b>BALANCES FORWARD</b>                       | 232,107 | 227,189 | 224,962 | 222,939 | 223,729 |
| <b>REVENUES</b>                               |         |         |         |         |         |
| Police Impact Fees                            | 57,000  | 58,000  | 59,000  | 60,000  | 60,000  |
| <b>TOTAL REVENUE</b>                          | 57,000  | 58,000  | 59,000  | 60,000  | 60,000  |
| <b>IMPACT FEE EXPENDITURES</b>                |         |         |         |         |         |
| <b>DEBT SERVICE</b>                           |         |         |         |         |         |
| Justice Center (\$890,000, 19yrs 2.94%, 2032) | 61,918  | 60,227  | 61,023  | 59,210  | 59,210  |
| <b>TOTAL IMPACT FEE EXPENDITURES</b>          | 61,918  | 60,227  | 61,023  | 59,210  | 59,210  |
| <b>IMPACT FEE BALANCE</b>                     | 227,189 | 224,962 | 222,939 | 223,729 | 224,519 |

|                                 |                |                |                |                |                |
|---------------------------------|----------------|----------------|----------------|----------------|----------------|
| <b>Debt Balance Outstanding</b> | <b>715,978</b> | <b>673,715</b> | <b>628,966</b> | <b>583,975</b> | <b>539,469</b> |
|---------------------------------|----------------|----------------|----------------|----------------|----------------|

**CAPITAL IMPROVEMENT PLAN  
FIRE IMPACT FEE FUND  
2016 - 2020**

|                                       | 2016    | 2017    | 2018    | 2019    | 2020    |
|---------------------------------------|---------|---------|---------|---------|---------|
| <b>BALANCES FORWARD</b>               | 118,672 | 118,672 | 118,672 | 118,672 | 118,672 |
| <b>REVENUES:</b>                      |         |         |         |         |         |
| Fire Impact Fees                      | 85,000  | 87,000  | 87,000  | 90,000  | 90,000  |
| <b>TOTAL REVENUE</b>                  | 85,000  | 87,000  | 87,000  | 90,000  | 90,000  |
| <b>IMPACT FEE EXPENDITURES:</b>       |         |         |         |         |         |
| <b>DEBT SERVICE</b>                   |         |         |         |         |         |
| Station 303/304                       | 85,000  | 87,000  | 87,000  | 90,000  | 90,000  |
| <b>TOTAL IMPACT FEE EXPENDITURES:</b> | 85,000  | 87,000  | 87,000  | 90,000  | 90,000  |
| <b>IMPACT FEE BALANCE</b>             | 118,672 | 118,672 | 118,672 | 118,672 | 118,672 |

**CAPITAL IMPROVEMENT PLAN  
MUNICIPAL SERVICES IMPACT FEE FUND  
2016 - 2020**

|                                                        | 2016           | 2017           | 2018           | 2019           | 2020           |
|--------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|
| <b>BALANCE FORWARD</b>                                 | <b>281,370</b> | <b>310,663</b> | <b>348,665</b> | <b>392,863</b> | <b>433,228</b> |
| <b>REVENUES:</b>                                       |                |                |                |                |                |
| Impact Fees                                            | 100,000        | 105,000        | 110,000        | 110,000        | 110,000        |
| Sewer Fund Reimbursement Cherry St. Facility           | 65,000         | 65,000         | 65,000         | 65,000         | 65,000         |
| <b>TOTAL REVENUES</b>                                  | <b>165,000</b> | <b>170,000</b> | <b>175,000</b> | <b>175,000</b> | <b>175,000</b> |
|                                                        |                |                |                |                |                |
| <b>EXPENDITURES:</b>                                   |                |                |                |                |                |
| <b>DEBT SERVICE</b>                                    |                |                |                |                |                |
| Public Works Facility (\$1,060,000 19yrs, 2.94%, 2031) | 73,094         | 71,094         | 69,094         | 72,094         | 72,094         |
| Justice Center (\$900,000, 19yrs 2.94%, 2032)          | 62,613         | 60,904         | 61,708         | 62,541         | 62,541         |
|                                                        |                |                |                |                |                |
| <b>TOTAL EXPENDITURES</b>                              | <b>135,707</b> | <b>131,998</b> | <b>130,802</b> | <b>134,635</b> | <b>134,635</b> |
| <b>IMPACT FEE BALANCE</b>                              | <b>310,663</b> | <b>348,665</b> | <b>392,863</b> | <b>433,228</b> | <b>473,593</b> |

|                                 |                  |                  |                  |                  |                  |
|---------------------------------|------------------|------------------|------------------|------------------|------------------|
| <b>Debt Outstanding Balance</b> | <b>1,574,023</b> | <b>1,481,286</b> | <b>1,386,034</b> | <b>1,285,783</b> | <b>1,185,531</b> |
|---------------------------------|------------------|------------------|------------------|------------------|------------------|

## **WATER CAPACITY FUND**

### Description:

The City owns and operates the Delaware 7.2 MGD Water Treatment Facility and three water storage tanks with a combined storage capacity of 4 million gallons. The capacity fund is intended to provide for the construction or expansion of new infrastructure and facilities for development and new customers.

The capacity fund is also used to service any debt on recently completed water capacity utility projects. The current debt service for water capacity projects is \$1,005,345. These projects include the 24-inch westside water transmission main, Penry Road raw water line, SE Highland water storage tank and the 7.2 MGD water treatment plant expansion and improvements project that was completed in June 2015.

In 2015 the City will complete the construction of a new 16-inch water line project on the Sawmill Parkway alignment to Innovation Court and construction of a new 8-inch water line on Innovation Court for the development of new businesses in the SW Industrial Park corridor. Also Included in the CIP is \$1,000,000 to ready the Sawmill Parkway corridor for development through the provision of water service with the SW Industrial Park (Sawmill Parkway and Jeg's Blvd) corridor.

New water capacity projects programmed for 2016 include the construction of a new eight-inch water line on Vernon Avenue from the railroad tracks to Brittany Drive for potable water service and fire protection. Funding in 2016 will also be available for the design and construction of new water lines for economic development sites in the Southwest Industrial Park corridor.

The Water Master Plan will also be updated in 2017. The last comprehensive plan was completed in 2006 and is largely outdated with the growth of the City's existing service area. The update will address future water sources, water transmission and storage requirements, water rates and capacity fees and the potential need for an upground reservoir.

### Primary Strategic Plan Theme/Goals:

#### Safe City

SC2 – Provide safe, sufficient, and reliable drinking water, sewage and solid waste disposal and drainage system.

### Master Planning Reports:

1986 – Water System Master Plan Study – Burgess & Niple

2000 – Water Treatment Facility Plan – Malcolm Pirnie

2006 – Water Master Plan – Floyd Browne Group

2008 – Upground Reservoir Recommendation Report – Floyd Browne Group

**CAPITAL IMPROVEMENT PROGRAM  
WATER FUND CAPACITY PROJECTS  
2016 - 2020**

|                                                        | 2016      | 2017      | 2018      | 2019      | 2020      |
|--------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|
| <b>BALANCES FORWARD</b>                                | 3,139,283 | 3,462,827 | 2,769,450 | 3,334,311 | 3,332,577 |
| <b>REVENUES:</b>                                       |           |           |           |           |           |
| Water Capacity Fees                                    | 1,200,000 | 1,200,000 | 1,200,000 | 1,200,000 | 1,200,000 |
| Water Debt Meter Fee Allocation                        | 403,889   | 411,967   | 420,207   | 428,611   | 437,183   |
| <b>TOTAL REVENUES</b>                                  | 1,603,889 | 1,611,967 | 1,620,207 | 1,628,611 | 1,637,183 |
| <b>EXPENDITURES:</b>                                   |           |           |           |           |           |
| <b>DEBT SERVICE</b>                                    |           |           |           |           |           |
| Westside Trans Line (\$2,225,051, 25 yrs, 3.67%, 2036) | 136,750   | 136,750   | 136,750   | 136,750   | 136,750   |
| Penry Rd. Waterline (\$1,000,000, 25 yrs, 3.55%, 2037) | 62,976    | 62,976    | 62,976    | 62,976    | 62,976    |
| Kingman Hill Tower (\$3,545,000, 25 yrs, 4.51%, 2031)  | 243,005   | 243,005   | 243,005   | 243,005   | 243,005   |
| Plant Expansion (\$9,600,000, 25yrs., 3.23%, 2039)     | 562,614   | 562,614   | 562,614   | 562,614   | 562,614   |
| <b>TOTAL DEBT SERVICE</b>                              | 1,005,345 | 1,005,345 | 1,005,345 | 1,005,345 | 1,005,345 |
| <b>WATER SUPPLY PROJETS</b>                            |           |           |           |           |           |
| Water Master Plan                                      |           | 300,000   |           |           |           |
| Upground Reservoir Design                              |           |           |           |           | 250,000   |
| <b>DISTRIBUTION CAPACITY PROJECTS</b>                  |           |           |           |           |           |
| Olentangy Ave. River Crossing                          |           |           |           |           | 650,000   |
| Vernon Avenue Water Line                               | 175,000   |           |           |           |           |
| Buttermilk Rd./Troy Rd. Waterline                      |           |           |           | 575,000   |           |
| New Line Oversizing/Extension                          | 100,000   | 1,000,000 | 50,000    | 50,000    | 50,000    |
| <b>TOTAL WATER CAPACITY PROJECTS</b>                   | 275,000   | 1,300,000 | 50,000    | 625,000   | 950,000   |
| <b>ENDING FUND BALANCE</b>                             | 3,462,827 | 2,769,450 | 3,334,311 | 3,332,577 | 3,014,415 |

## **WATER MAINTENANCE FUND**

### Description:

Funds for the water maintenance revenues are generated from the City's monthly water rates and are used to pay the water maintenance debt for water rehabilitation and replacement projects. The yearly debt to be paid is approximately \$1,312,765 for the next 25 years. Additional maintenance funds are then used to fund projects to improve service levels for City residents, improve fire flow protection, reduce water quality issues and replace water mains with a history of failures.

The City owns and operates a potable and fire suppression water distribution system consisting of approximately 185 miles of water pipe ranging in size from 2 inches to 24 inches and over 1,900 fire hydrants. The majority of the City's water pipes are in good to fair condition with less than 5 percent of the system demonstrating some type of failure in the past 10 years. Water pipes that are currently in good to fair condition will move towards their replacement age over the next 25 years. Water pipes in failed condition have had more than three historical failures whereas the pipes in poor condition have had only one to two failures. It is likely the water pipes in poor condition will experience additional failures and reach the end of their useful life. Most of the water pipes recommended for replacement are primarily cast iron pipes that were installed after 1940. Approximately 25 % of the City's water lines are cast iron pipes. In the past several years the City has replaced approximately 6,000 feet of water pipe with an average of 14 water breaks per year or 8 water main failures per 100 miles of water lines.

Water maintenance projects that will be completed in 2015 include the replacement of water lines on David Street, Noble Street, Fair Avenue, Potter Street and Park Avenue. The City also completed water line improvements for the Delaware County fairgrounds in 2015. An additional project in 2015 will be the removal of the remaining lime sludge from a storage lagoon at the water plant at the cost of approximately \$445,000.

The 2016 CIP recommends the implementation of an Automated Metering Infrastructure (AMI) System for the City. The AMI system enables two-way communication over a fixed network between the City's utility system and the metering endpoints. The AMI system will provide the City with the capability to provide monthly reads, improve move-ins and move-outs efficiency; allow customers to access an online portal for customers to view their individual usage, tamper and theft of water detection, leak detection and water conservation. In 2015, the City entered into a contract with CH2M Engineering to develop procurement and contractual documents for the selection of a potential AMI System. CH2M completed a Request-for-Proposal with City staff for the vendors to propose AMI systems and costs for the City to review. The RFP will require the vendors to provide creative pricing structures that

minimize the City's upfront capital investment. The City's engineering consultant will provide the City with an economic benefit analysis once all proposals have been submitted to the City.

Additional items in the 2016 water maintenance CIP include the installation on new settling basins chains and valves at the water treatment plant and a new 3.5 cubic yard concrete truck and mini-excavator for the public utilities department.

Primary Strategic Plan Theme/Goals

Safe City

SC2 – Provide safe, sufficient, and reliable drinking water, sewage and solid waste disposal and drainage system.

Master Planning Reports

1986 – Water System Master Plan Study – Burgess & Niple

2007 – Industrial Park Area Sewer and Water Master Plan – Burgess & Niple

2009 – Water Distribution Master Plan – Floyd Browne Group

**CAPITAL IMPROVEMENT PROGRAM  
WATER FUND MAINTENANCE PROJECTS  
2016 - 2020**

|                                                       | 2016             | 2017             | 2018             | 2019             | 2020             |
|-------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|
| <b>BALANCES FORWARD</b>                               | <b>2,536,199</b> | <b>1,402,179</b> | <b>1,524,034</b> | <b>1,385,889</b> | <b>1,329,036</b> |
| <b>REVENUES:</b>                                      |                  |                  |                  |                  |                  |
| Transfer from Water Fund                              | 725,000          | 750,000          | 775,000          | 800,000          | 800,000          |
| Water Debt Meter Fee Allocation                       | 1,043,745        | 1,064,620        | 1,064,620        | 1,085,912        | 1,085,912        |
| <b>TOTAL REVENUES</b>                                 | <b>1,768,745</b> | <b>1,814,620</b> | <b>1,839,620</b> | <b>1,885,912</b> | <b>1,885,912</b> |
| <b>EXPENDITURES:</b>                                  |                  |                  |                  |                  |                  |
| <b>DEBT SERVICE</b>                                   |                  |                  |                  |                  |                  |
| Treatment Plant (\$22,400,000 - 25 yrs, 3.23%, 2039 ) | 1,312,765        | 1,312,765        | 1,312,765        | 1,312,765        | 1,312,765        |
| <b>WATER IMPROVEMENTS</b>                             |                  |                  |                  |                  |                  |
| Automated Meter Reading System                        | 1,200,000        |                  |                  |                  |                  |
| <b>WATER PLANT MAINTENANCE</b>                        |                  |                  |                  |                  |                  |
| WTP Settling Basins Chain & Valve Replacement         | 100,000          |                  |                  |                  |                  |
| Nano and Ultra Filtration Membrane Replacement        |                  |                  |                  |                  | 500,000          |
| <b>WATER DISTRIBUTION PROJECTS</b>                    |                  |                  |                  |                  |                  |
| West Water Tank Painting                              |                  |                  | 450,000          |                  |                  |
| Water Line Improvements:                              |                  |                  |                  |                  |                  |
| Small Main/Service Replacement                        | 50,000           | 50,000           | 50,000           | 50,000           | 50,000           |
| Fire Flow Improvement                                 | 75,000           | 75,000           | 75,000           | 75,000           | 75,000           |
| Campbell St. Waterline                                |                  |                  |                  |                  | 150,000          |
| David St. Waterline                                   | 50,000           |                  |                  |                  |                  |
| Blymer St. Waterline                                  |                  | 150,000          |                  |                  |                  |
| Pennsylvania Ave. Waterline                           |                  |                  |                  | 475,000          |                  |
| East St./Fair Ave. Waterline                          |                  |                  | 60,000           |                  |                  |
| Equipment Replacement                                 | 115,000          | 105,000          | 30,000           | 30,000           |                  |
| <b>TOTAL WATER REPAIR AND MAINT.</b>                  | <b>2,902,765</b> | <b>1,692,765</b> | <b>1,977,765</b> | <b>1,942,765</b> | <b>2,237,765</b> |
| <b>ENDING FUND BALANCE</b>                            | <b>1,402,179</b> | <b>1,524,034</b> | <b>1,385,889</b> | <b>1,329,036</b> | <b>977,183</b>   |

## **SEWER CAPACITY FUND**

### Description:

The City owns and operates the 10 MGD Upper Olentangy Water Reclamation Center for the treatment of domestic and industrial wastewater. The sewer capacity fund is intended to provide for the construction or expansion of new infrastructure for development and new customers.

The capacity fund is also used to service any debt on recently completed sewer capacity projects. The current yearly debt service is approximately \$3,077,081. These projects include the Route 23N sanitary truck sewer, SE Highland sanitary trunk sewer and the expansion and improvements of the wastewater treatment plant.

In 2015 the City will complete the construction of a new 24-inch sanitary sewer main on the Sawmill Parkway alignment to Innovation Court and the construction of a new 8-inch sanitary sewer line on Innovation Court for the development of new businesses in the SW Industrial Park corridor. Also in 2015 the City entered into a contract with a professional engineering firm for the update of the City's sanitary sewer collection master plan. The updated master plan will evaluate the existing collection system during peak wet weather flows to evaluate the existing capacity of the system and determine improvement needs for future build-out conditions. A sewer capacity model will be populated by the engineer that will be used to determine future capacity requirements of the City. The master plan update is expected to be completed by March 2016.

New sewer capacity projects programmed for 2016 include funding for the design and construction of sanitary sewers to support economic development project sites within the SW Industrial Park (Sawmill Parkway and Jeg's Blvd) corridor. Funding has also been assigned to completing significant capacity improvements to the Slack Road pump station. This improvement will provide immediate capacity enhancements to allow for increased wastewater discharge for development projects within that same corridor.

### Primary Strategic Plan Theme/Goals:

#### Safe City

SC2 – Provide safe, sufficient, and reliable drinking water, sewage and solid waste disposal and drainage system.

### Master Planning Reports

2000 – Sanitary Sewer Collection Master Plan – Malcolm Pirnie

2001 – Wastewater Treatment Master Plan – Malcolm Pirnie

2002 – Route 23N Sanitary Sewer Improvements – Burgess & Niple

2007 – Airport Industrial Park Sewer and Water Master Plan – Burgess & Niple

**CAPITAL IMPROVEMENT PROGRAM  
SEWER FUND CAPACITY PROJECTS  
2016 - 2020**

|                                                       | 2016      | 2017      | 2018      | 2019      | 2020      |
|-------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|
| <b>BALANCES FORWARD</b>                               | 2,060,620 | 2,176,421 | 1,209,617 | 1,445,764 | 1,381,910 |
| <b>REVENUES:</b>                                      |           |           |           |           |           |
| Sewer Capacity Fees                                   | 1,150,000 | 1,150,000 | 1,150,000 | 1,150,000 | 1,150,000 |
| SE Highland Sewer ERU Fees                            | 200,000   | 200,000   | 200,000   | 200,000   | 200,000   |
| Sewer Maintenance Transfer (pg. 18)                   | 0         | 0         | 0         | 0         | 0         |
| Sewer Fees Transfer - 2007,2008,2009                  | 2,057,882 | 2,099,039 | 2,099,039 | 2,099,039 | 2,141,020 |
| <b>TOTAL REVENUES</b>                                 | 3,407,882 | 3,449,039 | 3,449,039 | 3,449,039 | 3,491,020 |
| <b>EXPENDITURES:</b>                                  |           |           |           |           |           |
| <b>DEBT SERVICE</b>                                   |           |           |           |           |           |
| Land Armstrong Rd. (\$2,915,000 10 yrs. 1.49%, 2022)  | 325,250   | 327,350   | 324,400   | 324,400   | 324,400   |
| 23 North Sewer (\$1,000,000, 25 yrs, 4.51%), 2031     | 68,748    | 67,260    | 67,260    | 67,260    | 67,260    |
| SE Highland Sewer (\$15,000,000, 25 yrs, 4.49%, 2037) | 997,621   | 995,771   | 995,771   | 995,771   | 995,771   |
| SE Highland Sewer (\$2,750,000, 20 yrs, 3.59%, 2026)  | 196,133   | 196,133   | 196,133   | 196,133   | 196,133   |
| Plant Expansion (\$20,882,000, 20 yrs, 3.59%, 2026)   | 1,489,329 | 1,489,329 | 1,489,329 | 1,489,329 | 1,489,329 |
| <b>TOTAL DEBT SERVICE</b>                             | 3,077,081 | 3,075,843 | 3,072,893 | 3,072,893 | 3,072,893 |
| <b>COLLECTION CAPACITY PROJECTS</b>                   |           |           |           |           |           |
| Warrensburg Road Sewer Extension                      |           |           |           | 300,000   |           |
| Sewer Oversizing/Extension                            | 150,000   | 1,275,000 | 75,000    | 75,000    | 75,000    |
| Reimbursement for Cherry St. Maint. Facility          | 65,000    | 65,000    | 65,000    | 65,000    | 65,000    |
| <b>TOTAL SEWER CAPACITY PROJECTS</b>                  | 215,000   | 1,340,000 | 140,000   | 440,000   | 140,000   |
| <b>ENDING FUND BALANCE</b>                            | 2,176,421 | 1,209,617 | 1,445,764 | 1,381,910 | 1,660,037 |

## **SEWER MAINTENANCE FUND**

### Description:

Funds for the sewer maintenance revenues are generated from the City's monthly sewer rates and are used to pay the sewer maintenance debt for sanitary sewer rehabilitation and replacement projects. The yearly debt to be paid is approximately \$158,992. Additional sewer maintenance funds are then used to fund projects at the wastewater treatment plant and in the sewer collection system.

The City's sanitary sewer collection system consists of approximately 170 miles of sewer pipe and over 3,200 manholes. The system has 16 major trunk sewers 15-inch or larger serving as the backbone of the collection system. The majority of the pipes within the system are concrete, vitrified clay pipe or plastic (polyvinyl chloride) with the manholes composed of brick or concrete. The sizes of sanitary sewer pipe range in sizes between 8" and 66" in diameter. Included in the collection system is the operation and maintenance of 12 sanitary pump stations throughout the City's service area.

Sewer maintenance projects completed in 2015 include the final design of the aeration system improvements at the wastewater plant for the replacement and rehabilitation of the aeration blowers at the plant. The City will also complete the sliplining and grouting of approximately 6,000 feet of sanitary sewer pipe for the reduction of inflow and infiltration.

The 2016 CIP include the purchase and installation of the new aeration system equipment at the wastewater plant including two new direct drive blowers for improved oxygen transfer and energy efficiency. Additional projects include the design of a new tertiary treatment process at the wastewater plant and the annual sanitary sewer slipling and grouting program.

### Primary Strategic Plan Theme/Goals

Safe City

SC2 – Provide safe, sufficient, and reliable drinking water, sewage and solid waste disposal and drainage system.

### Master Planning Reports

2000 – Sanitary Sewer Collection Master Plan – Malcolm Pirnie

2001 – Wastewater Treatment Master Plan – Malcolm Pirnie

2010 – Inflow & Infiltration Study – CDM

2015 – Sewer Collection System Smoke Testing Report – K.E. McCartney

2015 – Sanitary Sewer Collection System Flow Monitoring Analysis – K.E. McCartney

**CAPITAL IMPROVEMENT PROGRAM  
SEWER FUND MAINTENANCE PROJECTS  
2016 - 2020**

|                                                        | 2016             | 2017             | 2018             | 2019             | 2020             |
|--------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|
| <b>BALANCES FORWARD</b>                                | <b>3,276,226</b> | <b>1,376,482</b> | <b>1,159,022</b> | <b>1,859,393</b> | <b>2,793,151</b> |
| <b>REVENUES:</b>                                       |                  |                  |                  |                  |                  |
| Transfer from Sewer Fund                               | 1,364,247        | 1,391,532        | 1,419,363        | 1,447,750        | 1,476,705        |
| <b>TOTAL REVENUES</b>                                  | <b>1,364,247</b> | <b>1,391,532</b> | <b>1,419,363</b> | <b>1,447,750</b> | <b>1,476,705</b> |
| <b>EXPENDITURES:</b>                                   |                  |                  |                  |                  |                  |
| <b>DEBT SERVICE</b>                                    |                  |                  |                  |                  |                  |
| Plant Rehabilitation (\$2,230,000 20 yrs. 3.59%, 2026) | 158,992          | 158,992          | 158,992          | 158,992          | 158,992          |
| <b>TOTAL DEBT SERVICE</b>                              | <b>158,992</b>   | <b>158,992</b>   | <b>158,992</b>   | <b>158,992</b>   | <b>158,992</b>   |
| <b>WASTEWATER SYSTEM IMPROVEMENTS</b>                  |                  |                  |                  |                  |                  |
| Automated Meter Reading System                         | 1,200,000        |                  |                  |                  |                  |
| <b>WASTEWATER TREATMENT PROJECTS</b>                   |                  |                  |                  |                  |                  |
| Tertiary Filtration System                             | 100,000          | 1,100,000        |                  |                  |                  |
| Plant Maintenance                                      | 90,000           | 90,000           | 90,000           | 90,000           | 90,000           |
| Aeration System Blower Replacement                     | 1,350,000        |                  |                  |                  |                  |
| <b>WASTEWATER COLLECTION PROJECTS</b>                  |                  |                  |                  |                  |                  |
| Inflow/Infiltration Remediation                        | 175,000          | 175,000          | 175,000          | 175,000          | 175,000          |
| Hayes Colony Sewer Rehab                               |                  |                  | 175,000          |                  |                  |
| Pump Station Repair/Upgrade                            | 75,000           |                  |                  |                  | 25,000           |
| Equipment Replacement                                  | 115,000          | 85,000           | 120,000          | 90,000           | 0                |
| <b>TOTAL SEWER REPAIR/MAINTENANCE</b>                  | <b>3,263,992</b> | <b>1,608,992</b> | <b>718,992</b>   | <b>513,992</b>   | <b>603,992</b>   |
| <b>ENDING FUND BALANCE</b>                             | <b>1,376,482</b> | <b>1,159,022</b> | <b>1,859,393</b> | <b>2,793,151</b> | <b>3,665,865</b> |

## **STORM WATER FUND**

### Description:

The funding for the City's Storm Water Utility CIP is dedicated revenue funding for the maintenance, operation and expansion of the City's storm water system. The fund collects approximately \$400,000 annually based on a \$2.50 per month E.R.U. fee for property owners. The City of Delaware is required by OEPA to implement our storm water MS4 permit best management practices for the reduction and treatment of storm water prior to discharge into the Olentangy River.

The City has approximately 150 miles of 6" to 48" storm water lines and 1,500 catch basins to maintain. Included in the system are 70 storm water detention basins. The City provides hydraulic maintenance to approximately 50 of these basins on an as needed basis.

Storm water projects that will be completed in 2015 include phase one of the Bernard Avenue corridor project. Phase one will be the lining and rehabilitation of the existing storm water main from South Sandusky Street to Route 23 through the OWU campus. Phase two construction will be in 2016 from South Sandusky Street to South Liberty Street. The City will also complete the storm water improvements at Blue Limestone Park in 2015. This project is funded in part from an OEPA 319 grant and will include pervious concrete pavement and bio-retention areas for improved treatment of storm water runoff.

The 2016 CIP includes funding for the design and construction of storm water improvements to an open storm water ditch in the rear yards along Dogwood Drive. The current ditch sides slopes have worsen over the past several years from erosion and are now dangerous to maintain.

A potential future CIP project will be to a fund a Storm Water Utility Evaluation Report to review and evaluate the City's current storm water fees and recommend financial incentives to promote improvements of storm water controls at new and existing residential and commercial properties.

### Primary Strategic Plan Theme/Goals

#### Safe City

SC2 – Provide safe, sufficient, and reliable drinking water, sewage and solid waste disposal and drainage system.

### Master Planning Reports

1990 – Storm Sewer Report Update – Burgess & Niple

1998 – Storm Sewer Task Force Report/Recommendations

2007 – Storm Sewer Report Update – URS

2012 – Storm Sewer Report Update – Burgess & Niple

**CAPITAL IMPROVEMENT PLAN  
STORM SEWER FUND  
2016 - 2020**

|                                          | 2016             | 2017           | 2018           | 2019           | 2020           |
|------------------------------------------|------------------|----------------|----------------|----------------|----------------|
| <b>BALANCES FORWARD</b>                  | 699,585          | 1,285          | 89,819         | 324            | 102,938        |
| <b>REVENUES:</b>                         |                  |                |                |                |                |
| Storm Sewer Fees                         | 341,700          | 348,534        | 355,505        | 362,615        | 369,867        |
| <b>TOTAL REVENUE</b>                     | <b>341,700</b>   | <b>348,534</b> | <b>355,505</b> | <b>362,615</b> | <b>369,867</b> |
| <b>EXPENDITURES:</b>                     |                  |                |                |                |                |
| Storm Sewer Repair                       | 75,000           | 75,000         | 75,000         | 75,000         | 75,000         |
| Storm Water I&I Remediation              |                  | 110,000        |                | 125,000        |                |
| Bernard Avenue (Sandusky to Liberty St.) | 700,000          |                |                |                |                |
| Vernon Ave.                              |                  |                |                |                | 90,000         |
| Birch Terrace                            |                  |                | 280,000        |                |                |
| Chamberlain/Channing St.                 |                  |                |                |                | 300,000        |
| Dogwood Drive                            | 175,000          |                |                |                |                |
| Equipment Replacement                    | 90,000           | 75,000         | 90,000         | 60,000         |                |
| <b>TOTAL EXPENDITURES</b>                | <b>1,040,000</b> | <b>260,000</b> | <b>445,000</b> | <b>260,000</b> | <b>465,000</b> |
| <b>ENDING FUND BALANCE</b>               | <b>1,285</b>     | <b>89,819</b>  | <b>324</b>     | <b>102,938</b> | <b>7,806</b>   |

**CAPITAL IMPROVEMENT PLAN  
EQUIPMENT REPLACEMENT FUND  
2016 - 2020**

|                                         | 2016           | 2017           | 2018           | 2019           | 2020     |
|-----------------------------------------|----------------|----------------|----------------|----------------|----------|
| <b>REVENUES:</b>                        |                |                |                |                |          |
| Water Fund Allocation                   | 115,000        | 105,000        | 30,000         | 30,000         |          |
| Sewer Fund Allocation                   | 115,000        | 85,000         | 120,000        | 90,000         |          |
| Storm Sewer Fund Allocation             | 90,000         | 75,000         | 90,000         | 60,000         |          |
| <b>TOTAL REVENUE</b>                    | <b>320,000</b> | <b>265,000</b> | <b>240,000</b> | <b>180,000</b> | <b>0</b> |
| <b>EXPENDITURES:</b>                    |                |                |                |                |          |
| Tandem Axle Dump Truck                  |                | 135,000        |                |                |          |
| Single Axle Dump Truck                  |                |                |                |                |          |
| Mini Excavator                          | 150,000        |                |                |                |          |
| Concrete Truck                          | 120,000        |                |                |                |          |
| Sewer Camera Truck                      |                |                | 180,000        |                |          |
| Sewer Camera Trailer                    |                |                |                |                |          |
| Backhoe                                 |                |                |                | 120,000        |          |
| Sewer Vacuum Truck                      |                |                |                |                |          |
| One-ton Truck - Sewer                   |                | 40,000         |                |                |          |
| Utility Truck - Water                   |                | 60,000         |                |                |          |
| Pickup Truck - Water                    | 25,000         |                | 30,000         | 30,000         |          |
| Pickup Truck - Sewer                    | 25,000         |                | 30,000         | 30,000         |          |
| Pickup Truck - Storm Sewer              |                | 30,000         |                |                |          |
|                                         |                |                |                |                |          |
| <b>TOTAL PUBLIC UTILITIES EQUIPMENT</b> | <b>320,000</b> | <b>265,000</b> | <b>240,000</b> | <b>180,000</b> | <b>0</b> |

## **REFUSE FUND**

### **Description:**

Refuse fees are utilized primarily for supporting the daily operation the solid waste division of Public Works Department. The city currently provides weekly residential and commercial refuse collection service and recycling service for fiber (newspaper and cardboard) and mixed materials (glass, plastic and aluminum). The city also provides seasonal yard waste collection for eight months of the year. In 2014, the city collected over 14,600 tons of refuse and 3063 tons of recyclable materials which combined would fill a football field with a pile of waste over three and a half stories tall.

The refuse collection operation grows steadily with the growth of the community. The current fleet consists of six "Lodal" side load residential service vehicles, three commercial rear load trucks, and five recycling vehicles. These vehicles are replaced at the end of their respective service life averaging 7-8 years per vehicle. The integration of the residential tipcart "Toter" system in 2001 allows the city to continue to provide the very high level of service to community residents and businesses while maintaining low collection rates. Both operations and rates are periodically reviewed and adjusted to continue the efficient refuse service offered the community.

The current refuse operation is dependent on the existence of the County owned and operated solid waste transfer station located directly north of the city on US42. All residential and commercial waste is delivered to this location. Potential changes to this operation are being closely monitored as the city's operational efficiency or the refuse operation is tied directly to the availability of the local transfer station. Short term contingency plans have been developed this year for a proposed temporary closure of the station for required repairs and improvements.

The city also manages two closed landfills at Cherry Street and Curve Road. Improvements have been completed at both to control leachate breakouts from entering area waterways and drainage systems. The Curve Road property has been specifically challenging in managing the high volume of collected leachate. Currently, the City transports accumulated leachate by truck from the 20,000 gallon underground storage tank at Curve Road to the City Wastewater Treatment Plant for disposal. This year, the leachate collection system is being modified by installing a gravity sewer line to direct leachate to an existing sanitary sewer line located approximately 1,750 feet north of the landfill. With this system in place, the Public Works Department will be able to cease the leachate hauling operation and the associated costs estimated to be \$100,000 per year.

A design-build contract is currently being prepared with the goal of issuing a contract in the fall for the construction of a 27,000 SF combined recycling

processing and vehicle cold storage facility. Originally, two separate buildings to house the operations were considered however site restrictions concerning buildable footprint area necessitate a single building be constructed positioned toward the northeast corner of the Public Works facility property. The CIP includes expenditures for the construction of both facilities.

Strategic Plan Theme/Goals

Safe City

SC2 – Provide safe and reliable drinking water, sewage and solid waste disposal and drainage systems.

Master Planning Efforts

2014 - Refuse Collection Transfer Facility Contingency Plan

2015 - Recycling Service Agreement with Sims Recycling

2015 – Construction of new Refuse Cold Storage Building

2015 – City/County Task Force on Future of Transfer Station

2016 - Construction of new Recycling Center

**CAPITAL IMPROVEMENT PLAN  
REFUSE FUND  
2016 - 2020**

|                                                  | 2016    | 2017    | 2018    | 2019    | 2020    |
|--------------------------------------------------|---------|---------|---------|---------|---------|
| <b>BALANCES FORWARD</b>                          | 250,364 | 128,215 | 111,631 | 261,702 | 178,979 |
| <b>REVENUES:</b>                                 |         |         |         |         |         |
| Refuse Fees                                      | 535,500 | 546,210 | 557,134 | 568,277 | 579,642 |
| <b>TOTAL REVENUE</b>                             | 535,500 | 546,210 | 557,134 | 568,277 | 579,642 |
| <b>EXPENDITURES:</b>                             |         |         |         |         |         |
| <b>Debt Service</b>                              |         |         |         |         |         |
| Curve Rd. Leachate Collection (\$475,000 10rs.)  | 57,338  | 0       | 0       | 0       | 0       |
| <b>Building Improvements</b>                     |         |         |         |         |         |
| Refuse Equipment Storage Bldg 14400 sq. ft.      |         | 43,983  |         |         |         |
| Recycling Processing Bldg. 7200 sq. ft.          | 252,000 |         |         |         |         |
| <b>Equipment</b>                                 |         |         |         |         |         |
| Rear Load 20-Yard Packer - Commercial            |         | 162,000 | 167,000 | 172,000 |         |
| Side Load Lease Payments (2 units. 5 yrs., 2.5%) | 80,311  | 80,311  | 20,063  |         |         |
| Side Load Truck                                  |         | 213,500 | 220,000 | 227,000 | 233,000 |
| Recycling Vehicle - Recycling                    | 233,000 |         |         | 252,000 | 260,000 |
| 1 Ton Dump w/liftgate                            |         | 63,000  |         |         |         |
| Recycling Compactor                              | 35,000  |         |         |         |         |
| <b>TOTAL EXPENDITURES</b>                        | 657,649 | 562,794 | 407,063 | 651,000 | 493,000 |
| <b>ENDING FUND BALANCE</b>                       | 128,215 | 111,631 | 261,702 | 178,979 | 265,622 |



## FACT SHEET

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AGENDA ITEM NO: 13

DATE: 8/24/15

ORDINANCE NO: 15-75

RESOLUTION NO:

READING: SECOND

PUBLIC HEARING: YES  
**August 24, 2015 at 6:30 p.m.**

---

TO: Mayor and Members of City Council

FROM: R. Thomas Homan, City Manager

VIA: David Efland, Planning and Community Development Director

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**TITLE OF PROPOSED ORDINANCE/RESOLUTION:**

AN ORDINANCE APPROVING A CONDITIONAL USE PERMIT FOR KROGER DISTRIBUTION CENTER TO INSTALL AN ABOVE GROUND HYDROGEN STORAGE TANK AT 2000 NUTTER LANE ON APPROXIMATELY 162 ACRES ZONED M-2 (GENERAL MANUFACTURING DISTRICT) WITH TEXT LIMITATIONS.

**BACKGROUND:**

The current site is the location of a Kroger Food Distribution Center that was approved in 2002. The storage tank will store liquid hydrogen to be used to charge fuel cells for powering indoor loading equipment. The applicant has had previously approved temporary storage of above ground hydrogen fuel tanks at this location. This was effectively a test of this new fuel source for Kroger's purposes at this location, which has proved successful, cost efficient, and more environmentally friendly than other power sources. The applicant is now proposing the installation of a permanent 15,150 gallon aboveground storage tank at the southern portion of the property. Staff from multiple Departments including the Fire Department met with the applicant to review the proposal and all are in general support of the proposal

**REASON WHY LEGISLATION IS NEEDED:**

N/A

**COMMITTEE RECOMMENDATION:**

Planning Commission approved this case 6-0 on August 5, 2015.

**FISCAL IMPACT(S):**

N/A

**POLICY CHANGES:**

N/A

**PRESENTER(S):**

David Efland, Planning and Community Development Director

**RECOMMENDATION:**

Staff recommends approval with documented conditions.

**ATTACHMENT(S)**

Staff report

ORDINANCE NO. 15-75

AN ORDINANCE APPROVING A CONDITIONAL USE PERMIT FOR KROGER DISTRIBUTION CENTER TO INSTALL AN ABOVE GROUND HYDROGEN STORAGE TANK AT 2000 NUTTER LANE ON APPROXIMATELY 162 ACRES ZONED M-2 (GENERAL MANUFACTURING DISTRICT) WITH TEXT LIMITATIONS.

WHEREAS, the Planning Commission at its meeting of August 5, 2015, recommended approval of a Conditional Use Permit for Kroger Distribution Center to install an above ground hydrogen storage tank at 2000 Nutter Lane on approximately 162 acres zoned M-2 (General Manufacturing District) with text limitations (PC Case 2015-1282), and

NOW THEREFORE, BE IT ORDAINED by the Council of the City of Delaware, State of Ohio:

SECTION 1. That the Conditional Use Permit for Kroger Distribution Center to install an above ground hydrogen storage tank at 2000 Nutter Lane on approximately 162 acres zoned M-2 (General Manufacturing District) with text limitations and is hereby confirmed, approved, and accepted with the following conditions that:

1. No additional outdoor storage shall be permitted on the subject parcel.
2. No additional above-ground storage tanks shall be permitted, that does not comply with Conditional Use Permit Regulations.
3. The aboveground storage tank shall be no larger than 15,150 gallons.
4. The aboveground storage tank shall achieve compliance with all state and national fire code regulations.

SECTION 2. This Council finds and determines that all formal actions of this Council and any of its committees concerning and relating to the passage of this Ordinance were taken in an open meeting of this Council, and that all deliberations of this Council and any of its committees that resulted in those formal actions were in meetings open to the public, all in compliance with the law including Section 121.22 of the Revised Code.

VOTE ON RULE SUSPENSION:

YEAS \_\_\_ NAYS \_\_\_  
ABSTAIN \_\_\_

PASSED: \_\_\_\_\_, 2015

YEAS \_\_\_ NAYS \_\_\_  
ABSTAIN \_\_\_

ATTEST: \_\_\_\_\_  
CITY CLERK

\_\_\_\_\_  
MAYOR

CASE NUMBERS: 2015-1282  
REQUEST: Conditional Use Permit  
PROJECT: Kroger Distribution Center  
MEETING DATE: August 5, 2015

**APPLICANT/OWNER**

The Kroger Company  
2000 Nutter Farms Lane  
Delaware, Ohio 43015

**REQUESTS**

2015-1282: A request by The Kroger Company for approval of a Conditional Use Permit for a 15,150 gallon aboveground liquid hydrogen storage tank at 2000 Nutter Farms Lane on approximately 162.29 acres on property zoned M-2 (General Manufacturing District).

**PROPERTY LOCATION & DESCRIPTION**

The subject 162.29 acre site is located on the eastern most edge of the City of Delaware municipal boundary to the south of US 36/37. The subject site is zoned M-2 (General Manufacturing District) with a Text Limitation Overlay. The properties surrounding the subject site are zoned M-1 (Light Manufacturing District) to the west, B-3 (Community Business District) to the north, and B-4 (General Business District) and A-1 (Agricultural District) to the east. There are also three unincorporated parcels adjacent to the subject site to the east, west, and south.

**BACKGROUND/PROPOSAL**

The current site is the location of a Kroger Food Distribution Center that was approved in 2002. The storage tank will store liquid hydrogen to be used to charge fuel cells for powering indoor loading equipment. The applicant has had previously approved temporary storage of above ground hydrogen fuel tanks at this location. This was effectively a test of this new fuel source for Kroger's purposes at this location, which has proved successful, cost efficient, and more environmentally friendly than other power sources. The applicant is now proposing the installation of a permanent 15,150 gallon aboveground storage tank at the southern portion of the property. Staff from multiple Departments including the Fire Department met with the applicant to review the proposal and all are in general support of the proposal.

**STAFF ANALYSIS**

- **COMPREHENSIVE PLAN:** The subject site is located in the eastern portion of the City of Delaware Comprehensive Plan and recommends light manufacturing use. The subject site is surrounded by light manufacturing future land uses to the east and west, as well as mixed-use to the south, and commercial use to the north.
- **ZONING:** As noted above, the subject site is currently zoned M-2 (General Manufacturing District) with a Text Limitation Overlay. Because the storage tank exceeds 2000 gallons, a Conditional Use Permit (CUP) is required.
- **GENERAL ENGINEERING:** The subject plans submitted will suffice as the reviewed engineering plan per the engineering department.
- **SITE CONFIGURATION:** The site consists of an 865,414 square foot distribution center. The site is accessed by a signal light at US 36/37 and Davidson Lane. Davidson Lane is a four lane road that extends to Nutter Farms Lane which has three curb cuts that access the subject lot. The proposed permanent aboveground liquid storage tank will be located at the south end of the property adjacent to the employee parking lot. The charging station will be located directly north of the proposed location of the storage tank. The storage tank will be placed on a concrete slab with a six foot high chain link fence to provide additional security. As per the City of Delaware zoning code for aboveground storage of flammable liquids, the applicant must comply with a minimum setback of 100 feet from all non-residential property lines and 300 feet from all residential property lines. The proposed tank is approximately 327 feet from the nearest property line to the south (and rail road spur) and approximately 420 feet from the nearest residential property line (to the west). The applicant is proposing four dispensing areas. Dispensers 1-2 will be located in the dry grocery section of the distribution center; dispenser 3 will be located in the perishables, while dispenser 4 will be located at the northeast area of the freezer section.

- **LANDSCAPING & SCREENING:** A landscape and street tree plan was approved and implemented in 2002. The proposed location has mounding and a maturing evergreen tree screening already in place. Therefore, no additional landscaping and screening has been proposed.
  - **LIGHTING:** The applicant is proposing 3 low LED light poles to illuminate the storage tank for security purposes. All new lights including wall packs shall be shielded away from adjacent residents and would need to achieve compliance with the zoning code and be approved by the Chief Building Official.
  - **SIGNS:** No additional signage has been proposed.
  - **FIRE DEPARTMENT:** The aboveground storage tank shall achieve compliance with City of Delaware fire codes and department requirements.
  - **CONDITIONAL USE PERMIT:** Staff has reviewed the criteria for a Conditional Use Permit and finds that all applicable criteria are achieved for approval including the supplemental regulation that in an M-2 District, aboveground storage tanks for gasoline, oil or alcohol shall not exceed 2,000 gallons in capacity without Planning Commission or City Council approval.
- 

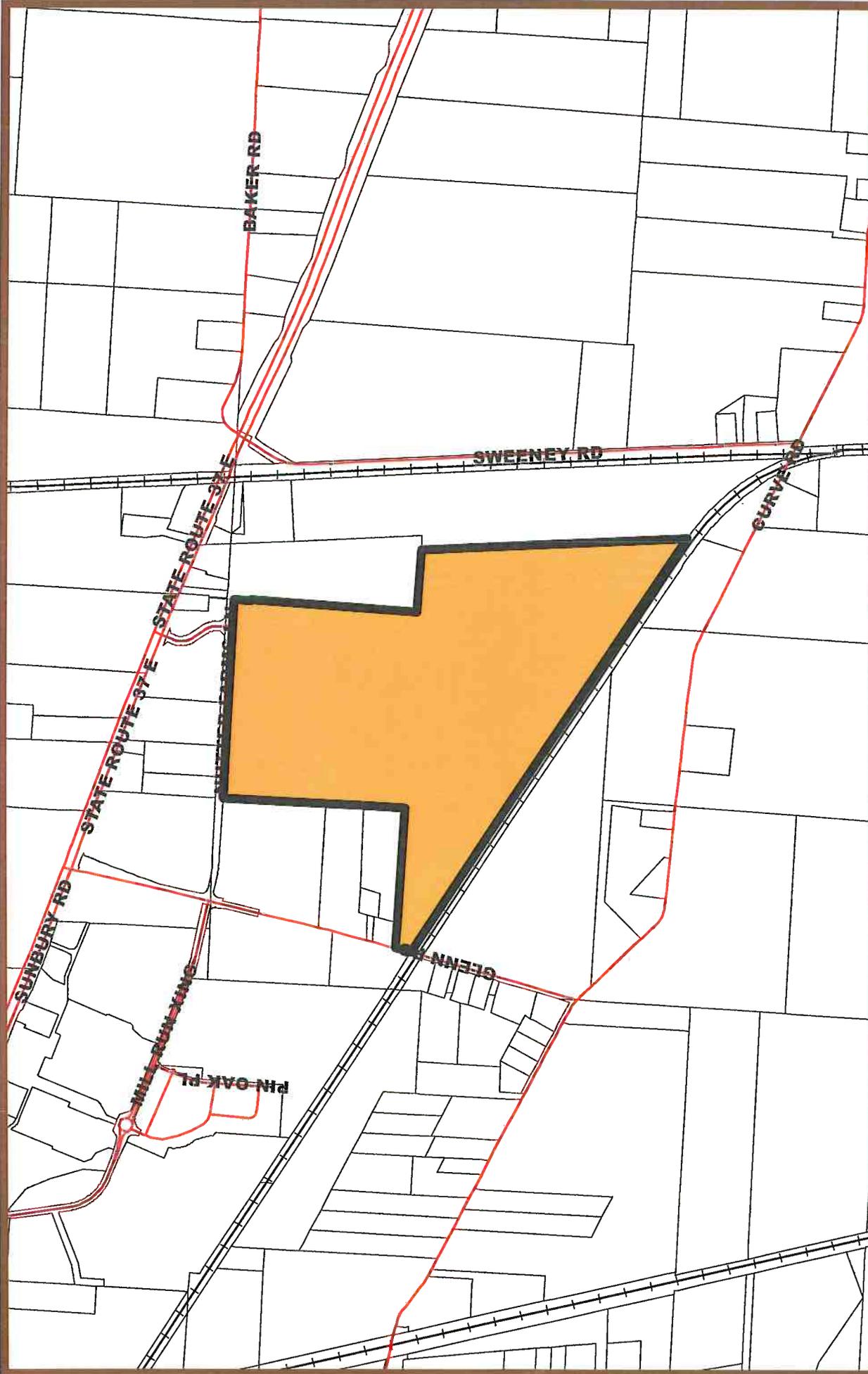
#### GENERAL REVIEW CRITERIA FOR ALL CONDITIONAL USE PERMITS

1. Will be designed, constructed, operated and maintained so as to be harmonious and appropriate in appearance with the existing or intended character of the general vicinity, and that such use will not essentially change the character of the same area.
2. Will not be detrimental to property values in the immediate vicinity.
3. Will not restrict or adversely affect the existing use of the adjacent property owners.
4. Will be designed and constructed so that all access drives, access points to public streets, driveways, parking and service areas shall be in compliance with the regulations set forth in Chapter 1161.
5. Will be properly landscaped in accordance with Chapter 1166.
6. That the establishment, maintenance or operation of the conditional use will not be detrimental to or endanger the public health, safety or general welfare.
7. That the establishment of the conditional use in the proposed location will not impede the normal and orderly development and improvement of the surrounding property for uses permitted in the district.
8. That adequate utilities, access roads, drainage and/or necessary facilities have been or are being provided.
9. That adequate measures have been or will be taken to provide ingress and egress designed to minimize traffic congestion on the surrounding public streets and to maximize public safety.
10. That the establishment of the conditional use will not be detrimental to the economic welfare of the community by creating excessive additional requirements or public cost for public facilities such as police, fire and schools.
11. That there is minimal potential for future hardship on the conditional uses that could result from the proposed use being surrounded by uses permitted by right that may be incompatible.

#### SECTION 1148.05      CONDITIONAL USE PERMIT SUPPLEMENTAL REGULATIONS FOR SPECIFIC USES.

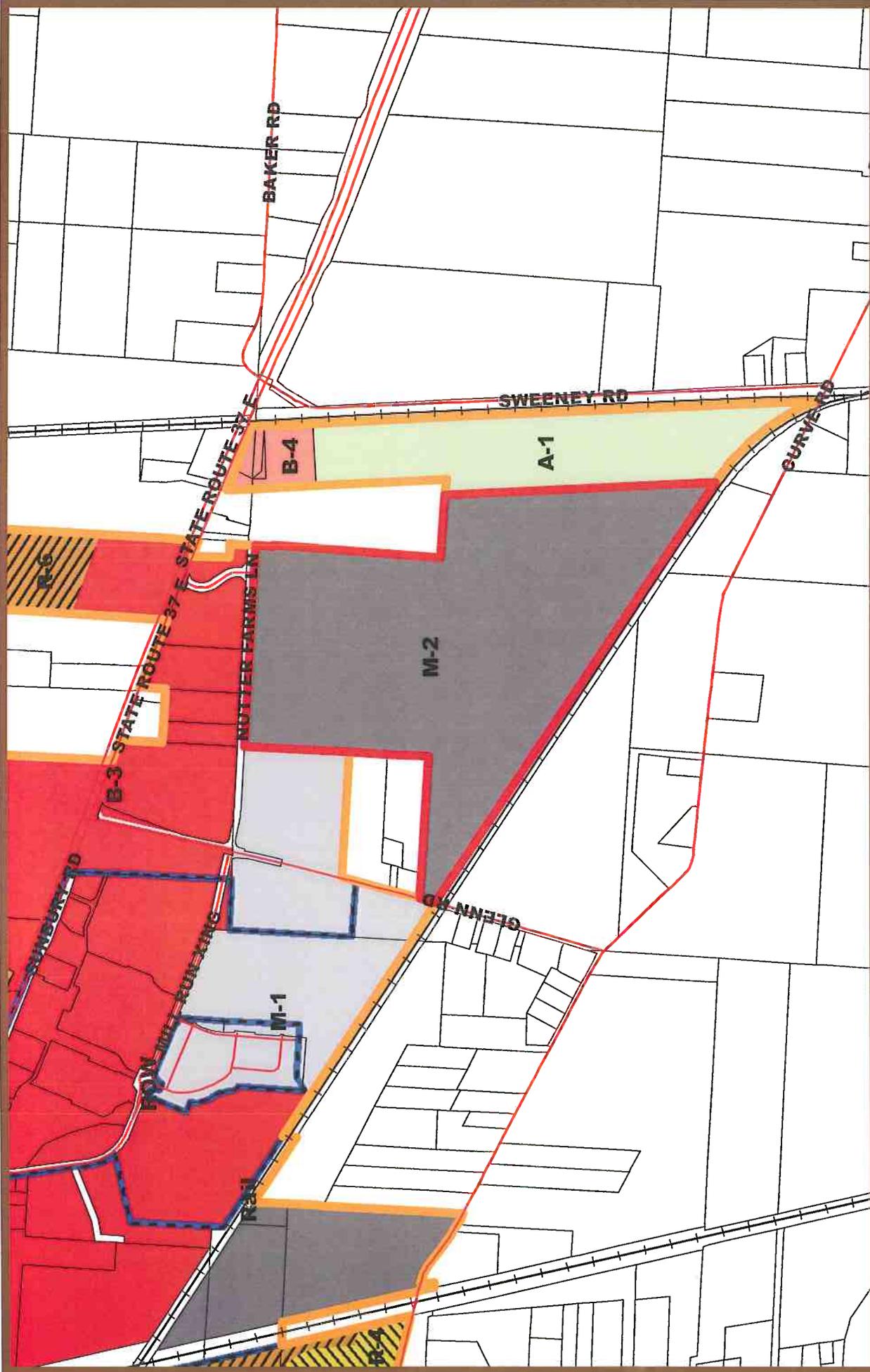
- (ee) Storage (aboveground) of Flammable Liquids.
- (1) In an M-1 District, aboveground storage tanks for gasoline, oil or alcohol shall not exceed 500 gallons in capacity.
  - (2) In an M-2 District, aboveground storage tanks for gasoline, oil or alcohol shall not exceed 2,000 gallons in capacity.
  - (3) All aboveground storage tanks shall comply with all state and national fire code regulations.
  - (4) Aboveground storage tanks shall be set back a minimum of 100 feet from all non-residential property lines and 300 feet from residential property lines.





2015-1282  
Conditional Use Permit  
Kroger Distribution Center - 2000 Nutter Farms Lane  
Location Map





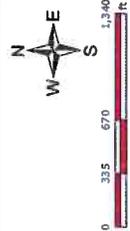
2015-1282  
 Conditional Use Permit  
 Kroger Distribution Center - 2000 Nutter Farms Lane  
 Zoning Map





2015-1282  
Conditional Use Permit  
Kroger Distribution Center - 2000 Nutter Farms Lane  
Aerial (2013)





### Kroger DC

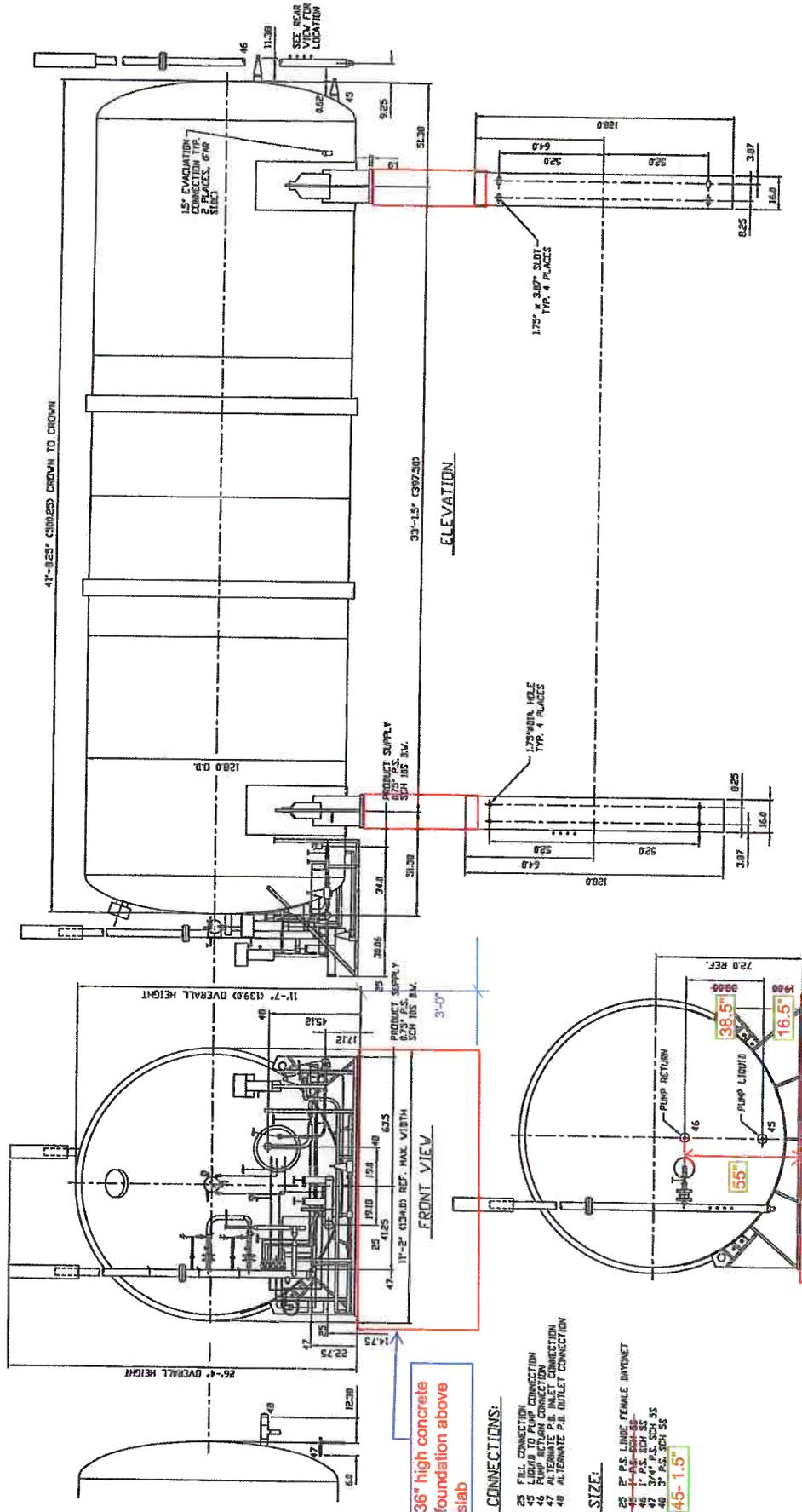
Information contained within this map may be used to generally locate, identify and inventory land parcels within Delaware County. Delaware County cannot warrant or guarantee the information contained herein, including, but not limited to, its accuracy or completeness. This map and any information obtained from FEMA and is administered by the Delaware County Auditor's Office (763-33-2281). Please report any errors or omissions to the Delaware County Auditor's Office at [delcopia@co.delaware.oh.us](mailto:delcopia@co.delaware.oh.us). Prepared by: Delaware County Auditor's GIS Office



Printed on 8/22/2019







36" high concrete foundation above slab

**CONNECTIONS:**

- 25 FILL CONNECTION
- 45 LIQUID TO PUMP CONNECTION
- 46 PUMP RETURN CONNECTION
- 47 ALTERNATE P.L. CONNECTION
- 48 ALTERNATE P.L. INLET CONNECTION

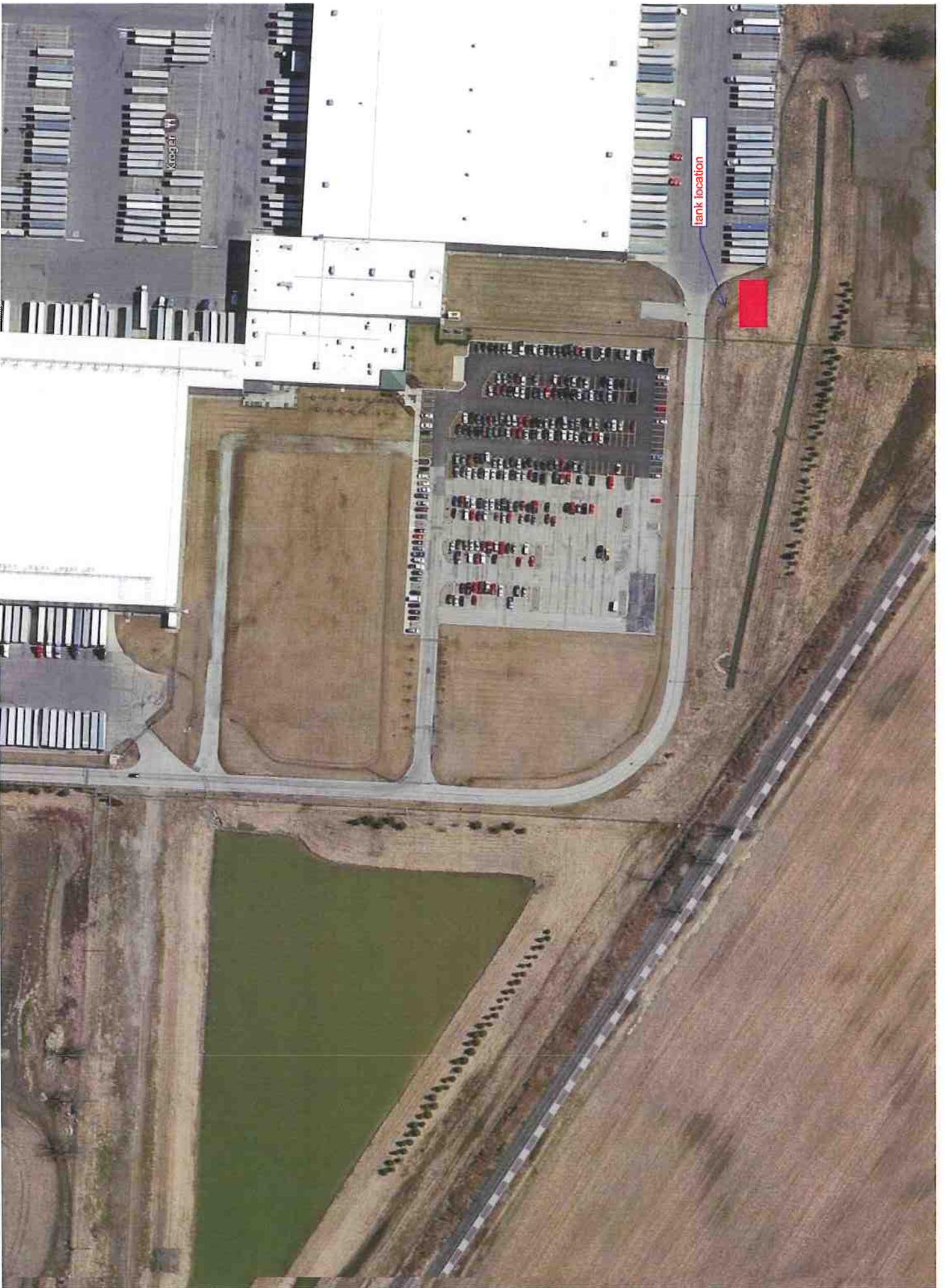
**SIZE:**

- 25 2" P.S. LINE FEMALE INVENTORY
- 45 1" P.S. SCH 35
- 46 3/4" A.S. SCH 35
- 47 3/4" A.S. SCH 35
- 48 3" P.S. SCH 35

THIS IS A CAD DRAWING. DO NOT SCALE DIMENSIONS. SHEET 1 OF 2.

|                                                  |                   |                                          |                   |                                                                                                                                                                                                                                                                                |
|--------------------------------------------------|-------------------|------------------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DRAWN BY:<br>D-2194189                           | DATE:<br>01/18/91 | CHECKED BY:<br>JOT                       | DATE:<br>01/18/91 | <p><b>TAYLOR - WHARTON</b></p> <p>THE INFORMATION IN THIS DOCUMENT IS THE PROPERTY OF TAYLOR &amp; WHARTON. IT IS TO BE USED ONLY FOR THE PROJECT AND NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN PERMISSION OF TAYLOR &amp; WHARTON.</p> |
| PROJECT NO:<br>P/N 2204375                       | SCALE:<br>N.T.S.  | REVISION:<br>JOT                         | DATE:<br>01/18/91 |                                                                                                                                                                                                                                                                                |
| GENERAL ARRANGEMENT<br>TLH-18,150<br>P/N 2204375 |                   | MATERIALS:<br>UNLESS OTHERWISE SPECIFIED |                   | <p>PROJECT NO. 2204375</p> <p>SCALE N.T.S.</p> <p>DATE 01/18/91</p> <p>BY JOT</p> <p>NO. 2204638</p>                                                                                                                                                                           |
| DATE: 3/20/96                                    |                   | BY: MAJ                                  |                   |                                                                                                                                                                                                                                                                                |

|                                                  |         |                   |           |
|--------------------------------------------------|---------|-------------------|-----------|
| DATE: 3/20/96                                    | BY: MAJ | CHECKED BY: K B G | APPROVED: |
| REDRAWN: ADDED REAR SECONDARY SAFETY ALTERNATION |         |                   |           |







# SAFR LED SERIES

SAFR  
LED

## Hazardous Location LED Luminaire

- Class I, Division 2, Groups A, B, C & D
- Class II, Division 1 & 2, Groups E, F & G
- Class III
- Class I, Zone 2, Groups IIA, IIB & IIC
- UL 8750 LED Safety
- UL 844 Hazardous Locations
- UL 1598 Wet Locations
- UL 1598A Marine Outside Type
- NEMA 3R & 4X
- IP66
- CUL
- ABS Type Approved
- Tested to LM 79 & LM 80
- Enclosed & Gasketed
- US Patent # D637,339S



**AZZ** | R-A-L™  
**RIG-A-LITE**

# SAFR LED SERIES

## Hazardous Location LED Luminaire

Large hinge permits fixture to open for "hands free" wiring. Also allows better heat dissipation of internal components.

Housing and outlet boxes are high strength, corrosion resistant copper-free cast aluminum alloy.

Superior heat resistant silicone o-ring gasket makes fixture suitable for installation indoors or outdoors. Other materials available.

All external hardware is stainless steel. Stainless steel inserts are available as an option.

All exterior surfaces are covered with corrosion and chemical resistant baked epoxy.

Available with deep prismatic glass, clear low-profile or frosted low-profile glass globes.

Suitable for installation on marine environments where equipment is subject to salt water spray, either indoor or outdoor.

- UL 844 Hazardous Locations
- UL 8750 LED Safety
- UL 1598A Marine Outdoor
- Enclosed and Gasketed
- Suitable for wet locations
- Suitable for hose down applications

LED

# SAFR Series

Hazardous Locations • Class I, Division 2 • Class II • Class III • UL 1598, 1598A, 844 & 8750 • Wet Locations • CUL

## Catalog Number Logic

**SAFR-09-L2-U-LFG-C-XX**

1
2
3
4
5
6
7

- 1 BASIC SERIES SAFR**  
 Hazardous Location LED  
 Class I, Division 2, Groups A, B, C & D  
 Class II, Division 1 & 2, Groups E, F & G  
 Class III  
 Simultaneous Presence  
 Class I, Zone 2, Groups IIA, IIB & IIC  
 Enclosed and Gasketed  
 Wet Locations  
 NEMA 3R, 4X; IP66  
 UL 1598, UL1598A, UL844 & UL8750  
 CUL  
 ABS Type Approved

- 2 LAMP CURRENT/LAMP WATTAGE**  
 09 = 70 Watts  
 11 = 96 Watts

- 3 LAMP TYPE**  
 L2 = LED

- 4 DRIVER VOLTAGE**  
 U = 120 to 277V 50/60 HZ  
 N = 347/480V 60 HZ

- 5 GLOBE & GUARD**  
 LC = Low Profile Clear Glass Globe Only  
 LCG = Low Profile Clear Glass Globe & Guard  
 LF = Low Profile Frosted Glass Globe Only  
 LFG = Low Profile Frosted Glass Globe & Guard  
 T5 = Type V (Symmetric)  
 Closed Bottom Glass Refractor  
 T5G = Type V (Symmetric)  
 Closed Bottom Glass Refractor & Guard

- 6 MOUNTING STYLE**  
 P = 3/4" Pendant Mount  
 P1 = 1" Pendant Mount  
 C = 3/4" Ceiling Mount  
 C1 = 1" Ceiling Mount  
 W = 3/4" Wall Mount  
 W1 = 1" Wall Mount  
 S = 1-1/4" 25° Stanchion Mount  
 S1 = 1-1/2" 25° Stanchion Mount  
 L = 1-1/4" 90° Stanchion Mount  
 L1 = 1-1/2" 90° Stanchion Mount  
 K = 3/4" Cone Top  
 K1 = 1" Cone Top

- 7 OPTIONS<sup>1</sup>**  
 SS = Stainless Steel Inserts (304)  
 FB1 = Single Fuse Block<sup>2,3</sup>  
 FB2 = Double Fuse Block<sup>2,3</sup>  
 SC = Safety Cable  
 SP = Surge Protector

<sup>1</sup> Consult factory for pricing

<sup>2</sup> Not available unless incoming voltage is specified. When installed, one fuse block is provided for 120, 277V and two fuse blocks are provided for 208, 220, 240V. Fuse not included. Not available on 347V or 480V

<sup>3</sup> Fuse option not available for marine listed fixtures.

## Certification Guide

| Model  | Watts | Type | Ambient Temperature °C | Class I, Div.2 Groups A,B,C & D | CLASS II, Div. 1 Groups E, F & G Class III | Simultaneous Presence | Supply Wire Suitable Temp °C | UL 1598A Outdoor | CUL |
|--------|-------|------|------------------------|---------------------------------|--------------------------------------------|-----------------------|------------------------------|------------------|-----|
| SAFR09 | 70    | LED  | 40                     | T4                              | T6                                         | T3B                   | 75                           | YES              | YES |
| SAFR09 | 70    | LED  | 55                     | T4                              | T6                                         | T3B                   | 75                           | YES              | YES |
| SAFR11 | 96    | LED  | 40                     | T4A                             | T6                                         | T3C                   | 90                           | YES              | YES |
| SAFR11 | 96    | LED  | 55                     | T4A                             | T6                                         | T3C                   | 90                           | YES              | YES |

Refer to Certification Guide to determine suitability of individual fixture.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

**Photos at Kroger Distribution Center Delaware Ohio, taken in May 2015**



**Standing at proposed tank pad location looking south east**



**Standing at proposed tank pad looking south and a little east**



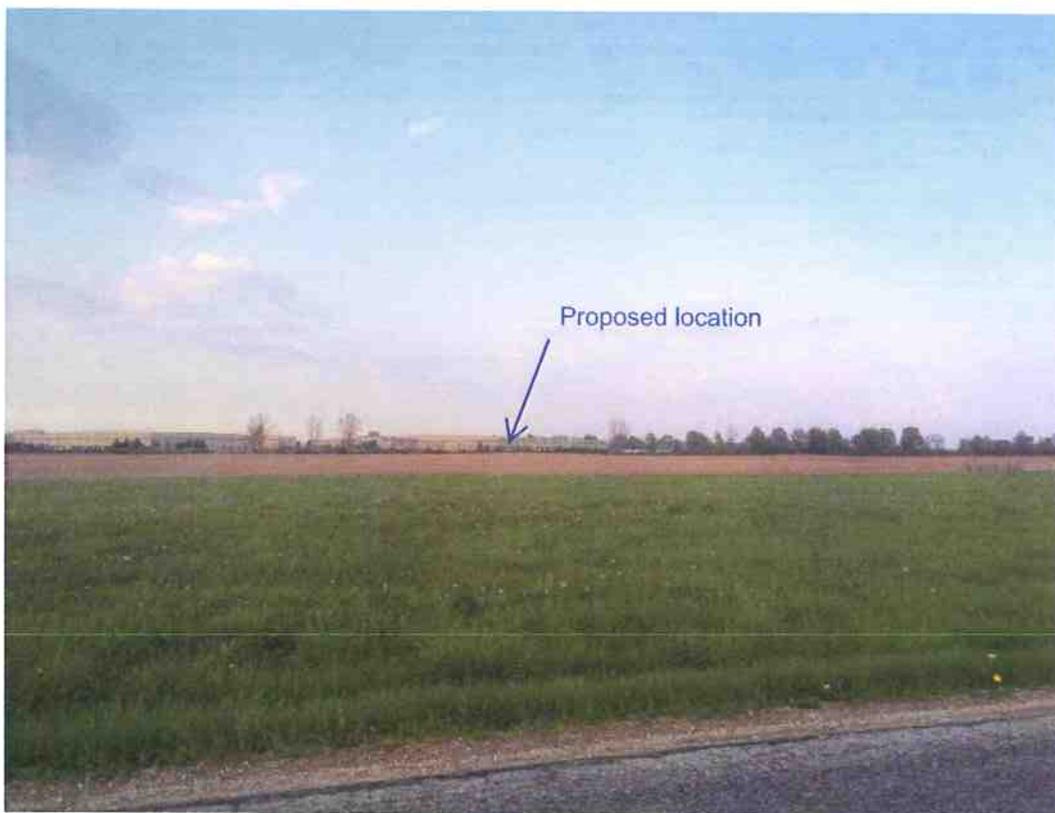
**Standing at proposed tank pad looking south**



**Standing at proposed tank pad looking south and a little west**



**Standing at proposed tank pad looking west**



**On Curve Road looking north east towards the Kroger facility**



**On Curve Road looking north east towards the Kroger facility**



**On Curve Road looking north east towards the Kroger facility**



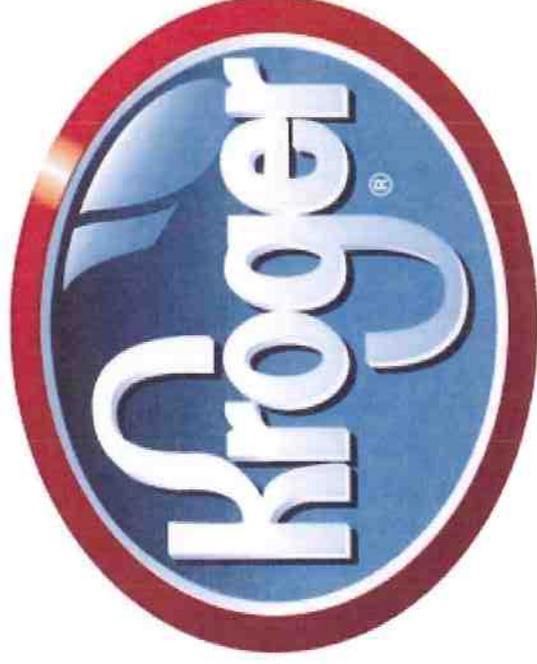
**Photo of a Hydrogen tank installation at another Kroger facility**



**Kroger Distribution Center**  
2000 Nutter Farms lane, Delaware OH 43015

## **Hydrogen Fuel Cell Project**

July 6, 2015





Fuel Cell Provider

**Steven Delmonaco**  
Hydrogen Systems Engineer  
Office (518) 380-3296  
[Steven\\_Delmonaco@plugpower.com](mailto:Steven_Delmonaco@plugpower.com)



Project Owner

**Ernest A. (Tony) Cox, Jr., PE, PMP**  
Senior Project Manager  
Office (502) 420-6704  
[Tony.Cox@kroger.com](mailto:Tony.Cox@kroger.com)



Architects

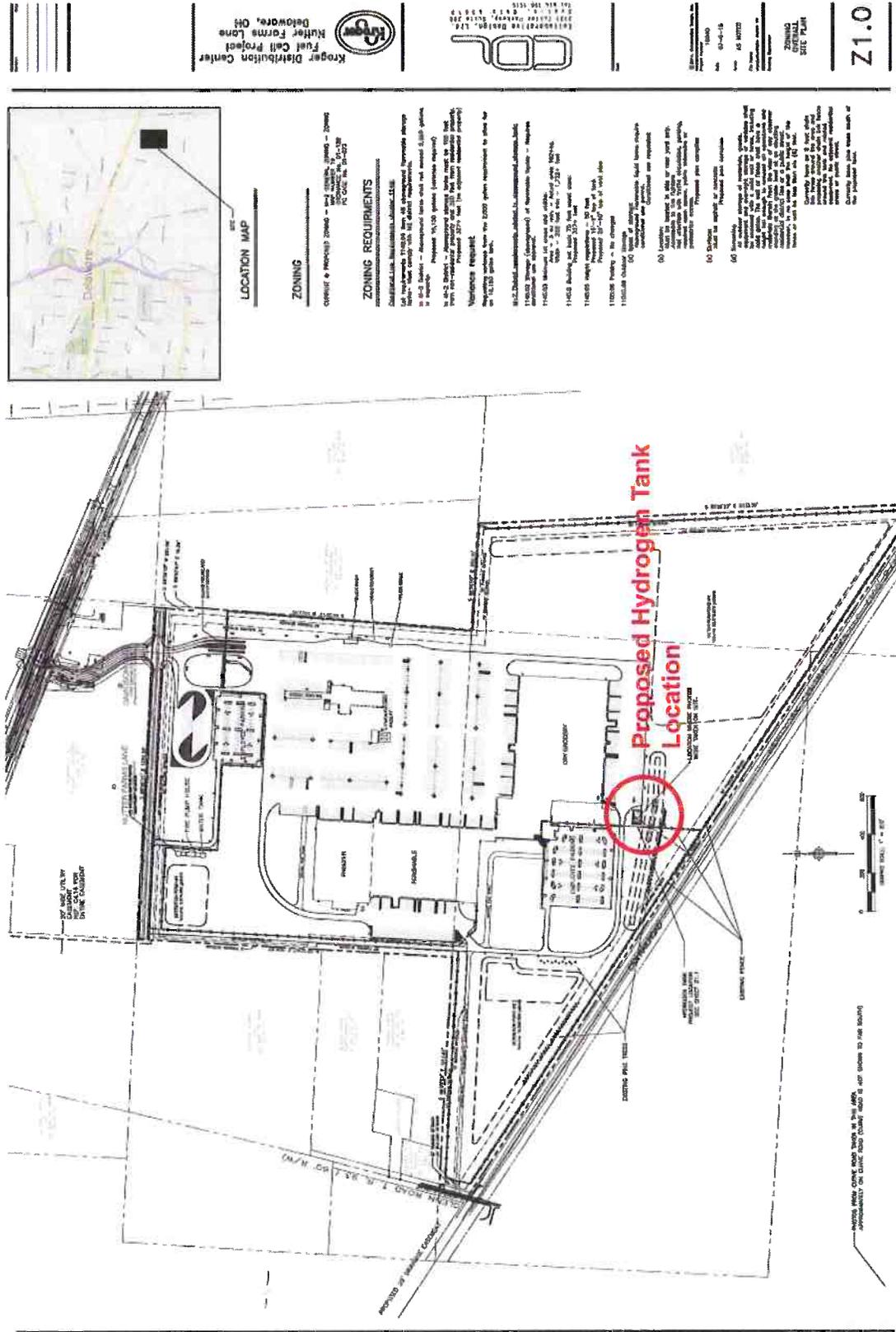
**Dellos Morrison, AIA, LEED AP**  
Managing Partner  
Office (614) 798-1515 ext 12  
[dmorrison@cldlarchitects.com](mailto:dmorrison@cldlarchitects.com)



Hydrogen Provider

**Tim Birely**  
Account Manager  
Office (614) 776-5771  
[Time\\_Birely@praxair.com](mailto:Time_Birely@praxair.com)

# Why are we here today?





Steering Wheel,  
Counterbalanced



Steering Wheel



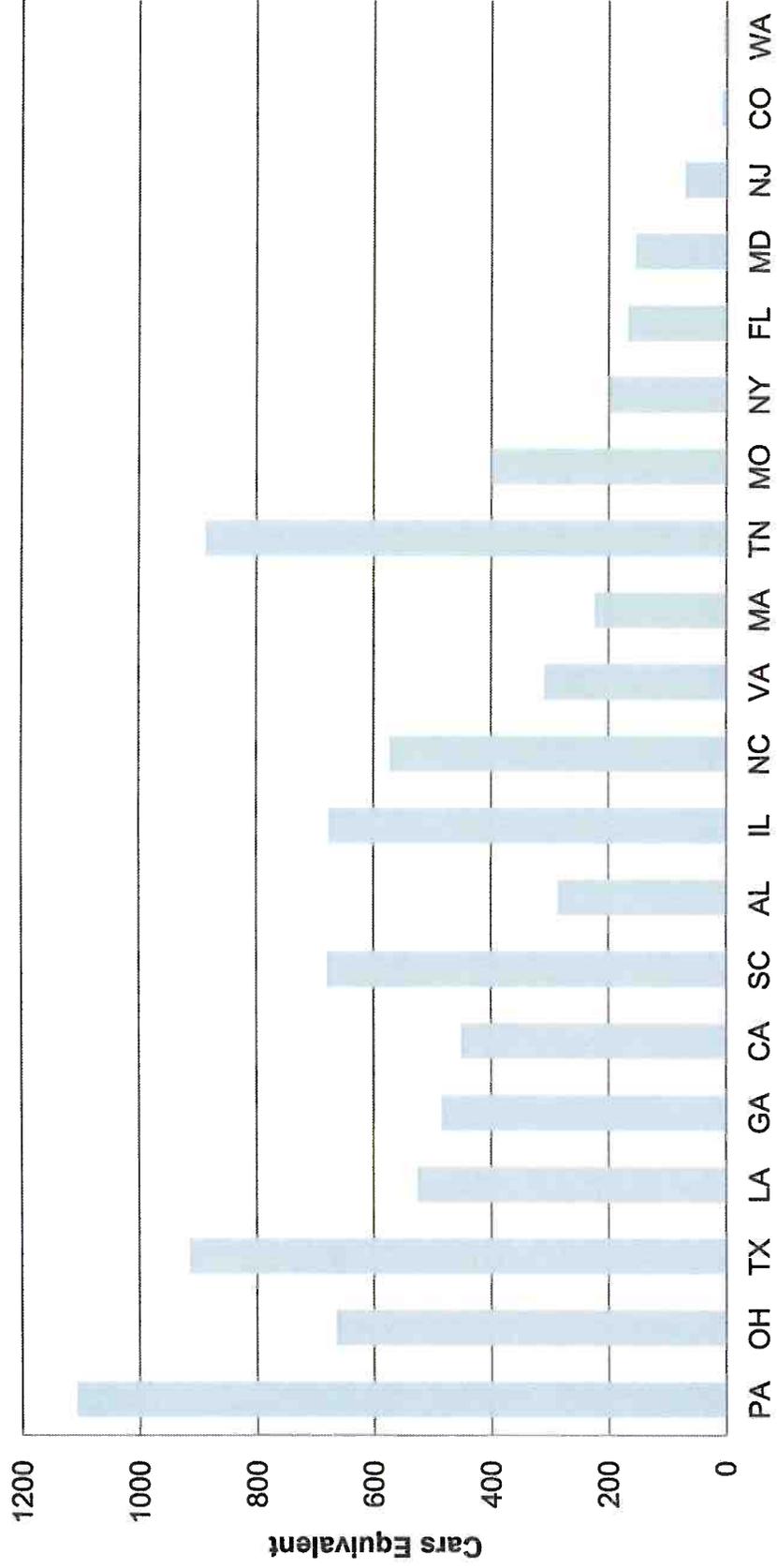
# Battery Charging



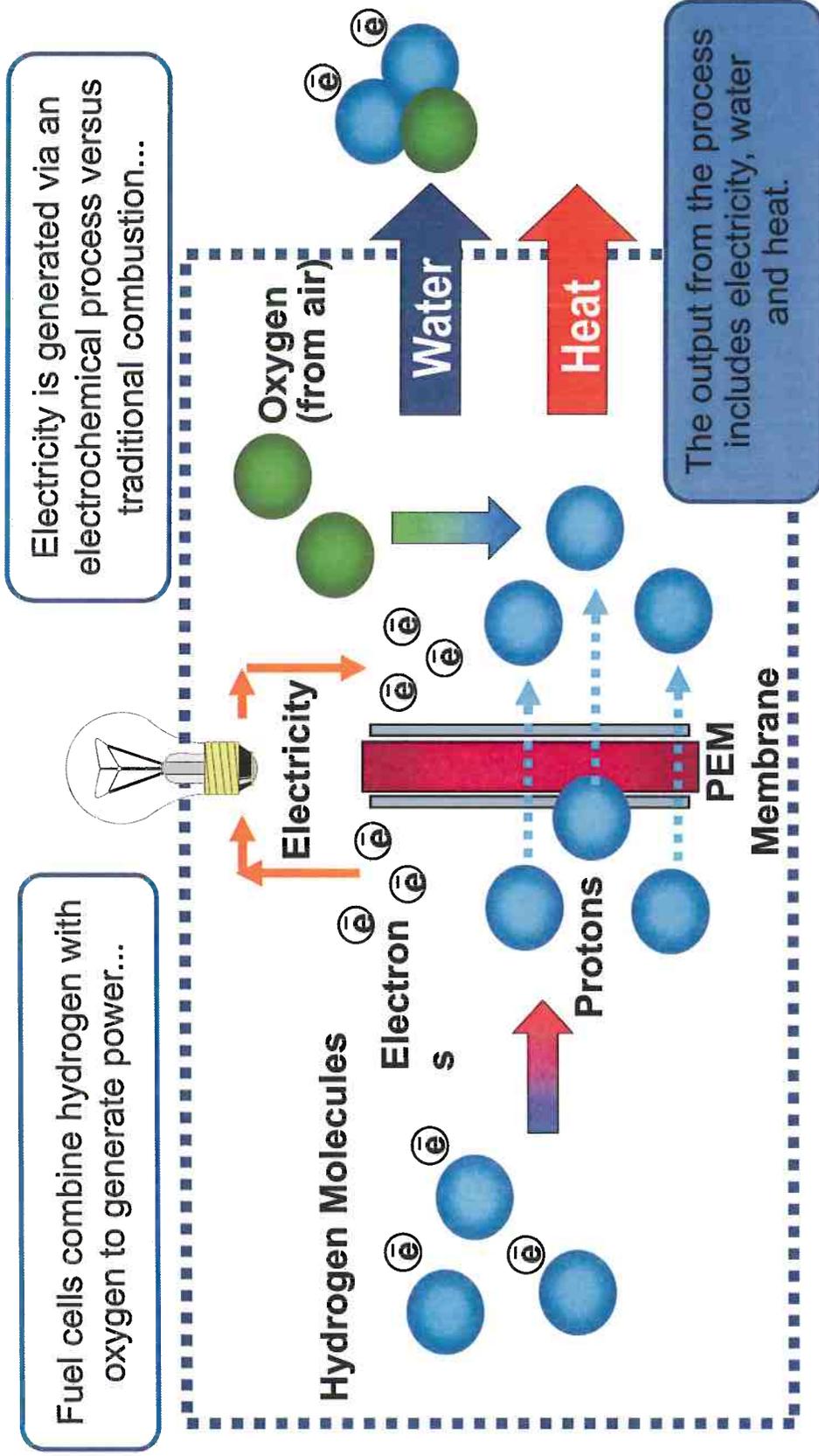
# Why Fuel Cells?



# Equivalent Cars Taken Off the Road by Use of Fuel Cells to Power Lift Trucks



# Fuel Cell Explained



# Hydrogen – The Facts

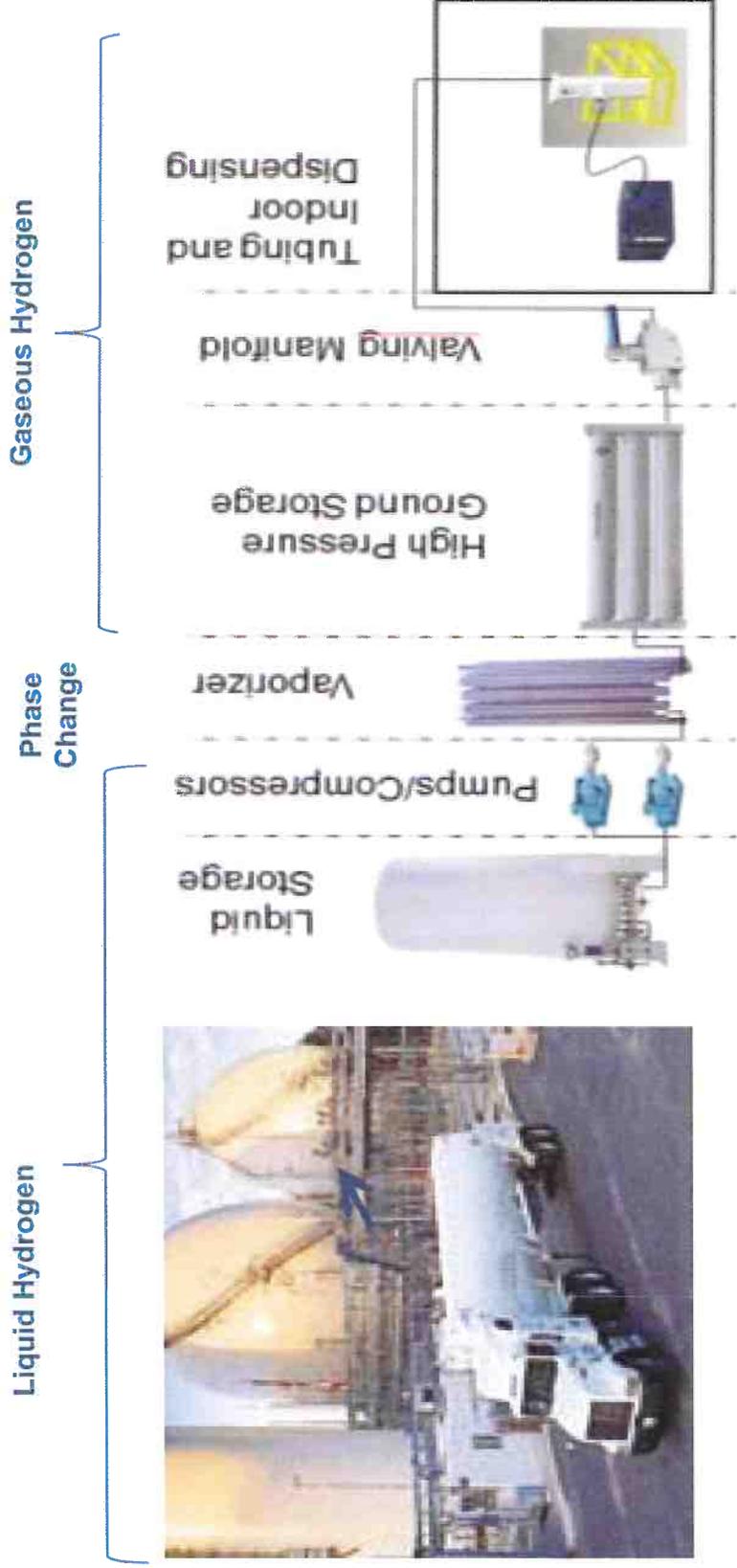
- Earth's lightest and smallest natural element
- Odorless, colorless and tasteless
- Non-toxic and non-poisonous, unlike methane and gasoline
- Rapid dispersion
  - Rises at a speed of 20 meters/second
- 3 times the energy content of gasoline (by volume)
  - When used in energy production:
    - Hydrogen is roughly twice as efficient as Gasoline
- U.S. produces more than 9M tons annually
  - Chemical, food, metallurgic & electronics industries

Source:



9

# Hydrogen Refueling Process



# Typical Bulk Hydrogen Install



Examples from another Kroger installation

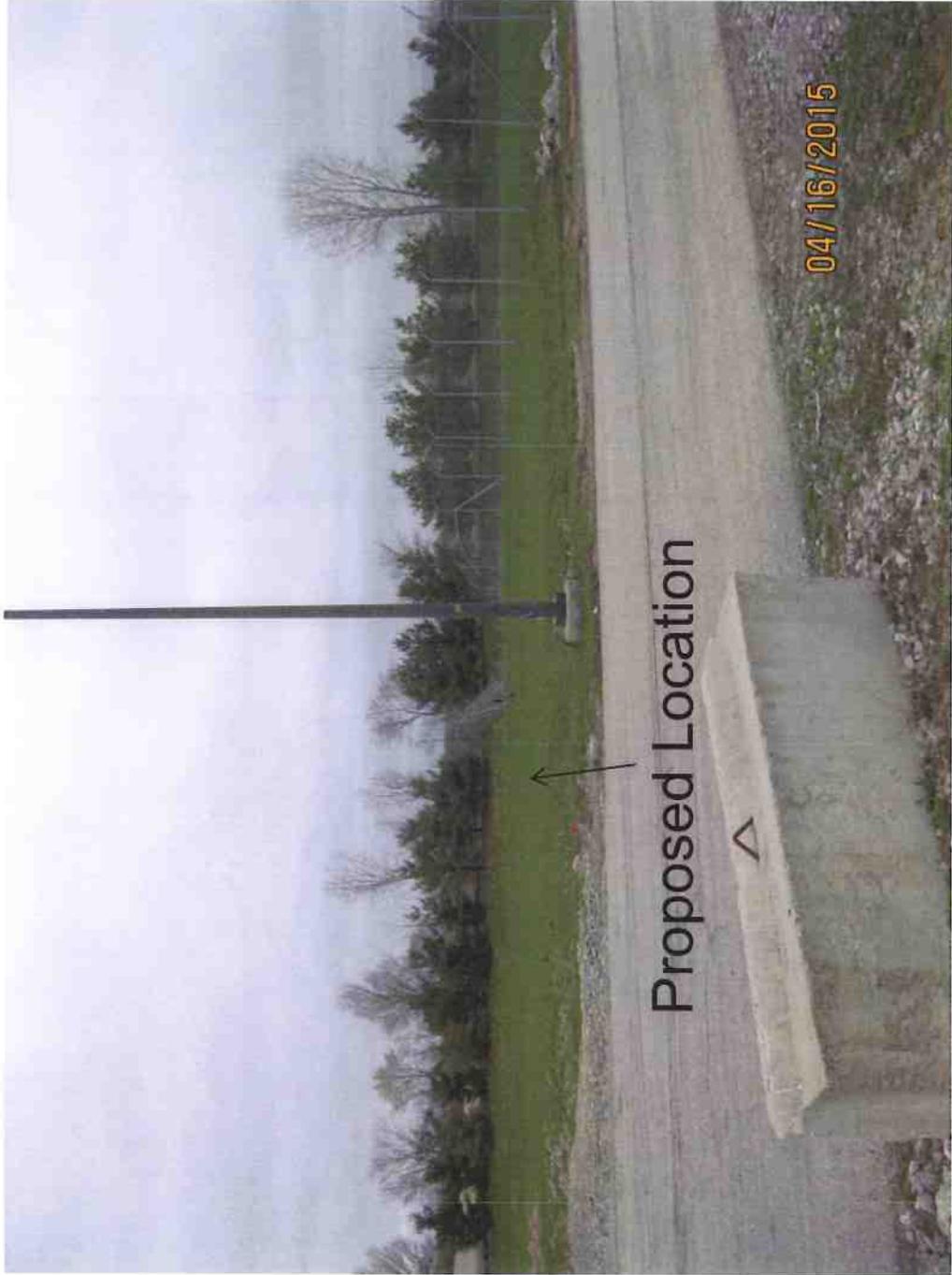
# Hydrogen Liquid Tank



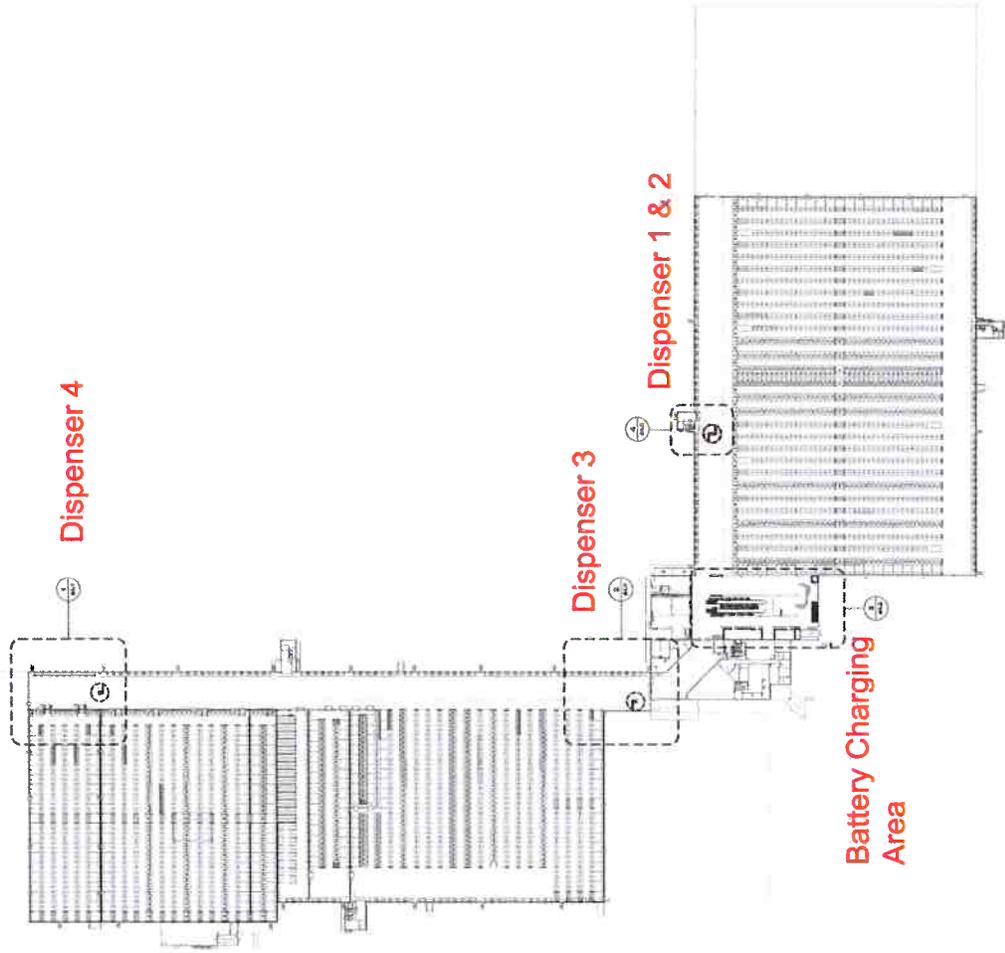
# Hydrogen Liquid Tank

- Supplied, Maintained and Monitored by Praxair in compliance with the most stringent industry-tested safety regulations
- Total capacity of less than 10,000 pounds of hydrogen
- Visual Inspections performed at every delivery
- Scheduled maintenance performed and monitored by Praxair to ensure safety and reliability
- Praxair delivers to more than 200 active customers nationally
- Filling of tank will be monitored by site security staff
- Equipment yard covered by CCTV

# A Little Closer View



# An Inside Look



OVERALL PLAN



A1.0



Kroger Distribution Center  
Butter Falls Project  
Delaware, OH



DATE: 08/14/13  
DRAWN BY: [illegible]  
CHECKED BY: [illegible]  
SCALE: 1/8" = 1'-0"  
PROJECT: [illegible]

# Conclusion

- This project provides the first green technology of its type in this area
  - Reduced greenhouse gases
  - Smaller Carbon footprint
- System has a proven safety record
  - Over 20,000 operator refuelings without a safety incident
  - All work in compliance with local, state, and federal safety regulations



## FACT SHEET

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AGENDA ITEM NO: 14

DATE: 8/24/15

ORDINANCE NO: 15-76

RESOLUTION NO:

READING: SECOND

PUBLIC HEARING: **YES**  
**August 24, 2015 at 6:45 p.m.**

---

TO: Mayor and Members of City Council

FROM: R. Thomas Homan, City Manager

VIA: David Efland, Planning and Community Development Director

---

**TITLE OF PROPOSED ORDINANCE/RESOLUTION:**

AN ORDINANCE APPROVING A CONDITIONAL USE PERMIT FOR DELAWARE CITY SCHOOLS FOR AN ADDITION, RENOVATION AND SITE IMPROVEMENTS FOR WOODWARD ELEMENTARY SCHOOL ON APPROXIMATELY 4.55 ACRES ZONED R-4 (MEDIUM DENSITY RESIDENTIAL DISTRICT) AND LOCATED AT 200 SOUTH WASHINGTON STREET.

**BACKGROUND:**

The 36,144 square foot elementary school building was constructed in 1950 and was remodeled in 1985. Now the School District is proposing a 23,355 square foot addition to the existing school for a total square footage of 59,499. The academic and gymnasium/student dining addition would be on the northern portion of the building. Just north of the addition would be a new private entrance road from Liberty Street that would accommodate bus traffic only while the existing parent drop-off drive along Washington Street would be extended to enhance safety in this area. Northeast of the new entrance road would be a new 56 space parking lot that would be accessed from Washington Street to serve the staff and events. The existing 54 space parking lot just east of Washington Street would remain.

**REASON WHY LEGISLATION IS NEEDED:**

N/A

**COMMITTEE RECOMMENDATION:**

Planning Commission approved this case 6-0 on August 5, 2015.

**FISCAL IMPACT(S):**

N/A

**POLICY CHANGES:**

N/A

**PRESENTER(S):**

David Efland, Planning and Community Development Director

**RECOMMENDATION:**

Staff recommends approval as submitted.

**ATTACHMENT(S)**

Staff report

ORDINANCE NO. 15-76

AN ORDINANCE APPROVING A CONDITIONAL USE PERMIT FOR DELAWARE CITY SCHOOLS FOR AN ADDITION, RENOVATION AND SITE IMPROVEMENTS FOR WOODWARD ELEMENTARY SCHOOL ON APPROXIMATELY 4.55 ACRES ZONED R-4 (MEDIUM DENSITY RESIDENTIAL DISTRICT) AND LOCATED AT 200 SOUTH WASHINGTON STREET.

WHEREAS, the Planning Commission at its meeting of August 5, 2015, recommended approval of a Conditional Use Permit for Delaware City Schools for an Addition, Renovation and Site Improvements for Woodward Elementary School on approximately 4.55 acres zoned R-4 (Medium Density Residential District) and located at 200 South Washington Street (PC Case 2015-1306), and

NOW THEREFORE, BE IT ORDAINED by the Council of the City of Delaware, State of Ohio:

SECTION 1. That the Conditional Use Permit for Delaware City Schools for an Addition, Renovation and Site Improvements for Improvements for Woodward Elementary School on approximately 4.55 acres zoned R-4 (Medium Density Residential District) and located at 200 South Washington Street and is hereby confirmed, approved, and accepted.

SECTION 2. This Council finds and determines that all formal actions of this Council and any of its committees concerning and relating to the passage of this Ordinance were taken in an open meeting of this Council, and that all deliberations of this Council and any of its committees that resulted in those formal actions were in meetings open to the public, all in compliance with the law including Section 121.22 of the Revised Code.

VOTE ON RULE SUSPENSION:

YEAS\_\_\_NAYS\_\_\_  
ABSTAIN \_\_\_

PASSED: \_\_\_\_\_, 2015

YEAS\_\_\_NAYS\_\_\_  
ABSTAIN \_\_\_

ATTEST: \_\_\_\_\_  
CITY CLERK

\_\_\_\_\_  
MAYOR



## PLANNING COMMISSION/STAFF REPORT

**CASE NUMBER:** 2015-1306 & 1307

**REQUEST:** Multiple Requests

**PROJECT:** Woodward Elementary School

**MEETING DATE:** August 5, 2015

---

### APPLICANT/OWNER

Fanning Howey  
4930 Bradenton Avenue  
Dublin, Ohio 43017

Delaware City Schools  
621 Pennsylvania Avenue  
Delaware, Ohio 43015

### REQUEST

2015-1306: A request by Delaware City Schools for approval for a Conditional Use Permit for an Addition, Renovations and Site Improvements for Woodward Elementary School on approximately 4.55 acres zoned R-4 (Medium Density Residential District) and located at 200 South Washington Street.

2015-1307: A request by Delaware City Schools for approval for a Combined Preliminary and Final Development Plan for an Addition, Renovations and Site Improvements for Woodward Elementary School on approximately 4.55 acres zoned R-4 (Medium Density Residential District) and located at 200 South Washington Street.

### PROPERTY LOCATION & DESCRIPTION

The 4.5 acre Woodward Elementary School campus encompasses six parcels that is bounded to the north by Bernard Avenue, to the south by Harrison Street, to the east by Washington Street and to the west by Liberty Street. The subject site is zoned R-4 (Medium Density Residential District) as are the surrounding parcels to the north, south, east and west.

### BACKGROUND/PROPOSAL

The 36,144 square foot elementary school building was constructed in 1950 and was remodeled in 1985. Now the School District is proposing a 23,355 square foot addition to the existing school for a total square footage of 59,499. The academic and gymnasium/student dining addition would be on the northern portion of the building. Just north of the addition would be a new private entrance road from Liberty Street that would accommodate bus traffic only while the existing parent drop-off drive along Washington Street would be extended to enhance safety in this area. Northeast of the new entrance road would be a new 56 space parking lot that would be accessed from Washington Street to serve the staff and events. The existing 54 space parking lot just east of Washington Street would remain.

---

### STAFF ANALYSIS

- **ZONING:** As previously mentioned, the subject parcels are zoned R-4. Under the current zoning, the building addition, renovations and site improvements would require a Conditional Use Permit and a Combined Preliminary and Final Development Plan approval by the Planning Commission and City Council.
- **GENERAL ENGINEERING:** The Applicant needs to obtain engineering approvals, including any storm water and utility issues that need to be worked out through the Engineering and Utilities Departments. All comments regarding the layout and details of the project are preliminary and subject to modification or change based on the final technical review by the Engineering Department once a complete plan set is submitted for review.
- **ROADS AND ACCESS:** The vehicular access to the building would be upgraded significantly in this proposal. The existing parent drop-off drive along Washington Street would be extended by approximately 140 feet to allow for more cars to minimize stacking along Washington Street. Also, a new bus only access road Liberty Street just north of the new addition would accommodate all the bus traffic.
- **SITE CONFIGURATION:** The single story academic and two story gymnasium/student dining addition would be located north of the existing building while the existing three classroom trailers would be razed. The gymnasium and student dining would front Washington Street with the academic addition located just south (behind) of the gymnasium and student dining addition. The academic addition would also accommodate 11 classrooms with associated restrooms, mechanical, electrical and technology spaces along with a new entrance on the south elevation adjacent to the new Liberty Street bus only access road. The existing ball field and playground located north and south of the new entrance drive from Liberty Road respectively would remain. A new 56 space staff and event parking lot would be located on the northeast portion of the property that

would be accessed from Washington Street. The school will have a total of 110 parking spaces which would be a 104% net increase from the existing 54 space parking lot located on the east side of Washington Street. An internal sidewalk network would connect the new addition, the new entrance drive on Liberty Street, the extended parent drop-off drive along Washington Street and the new parking lot to the existing facilities. Bio-retention basins would be located just north and south of the new parking lot.

- **BUILDING DESIGN:** The academic building would be mostly constructed of typical smooth face cmu with a face brick band above the aluminum storefront windows with a membrane roof while the gymnasium and student dining elevation would be typical metal wall panels above split face cmu with metal fascia capping the structure. All the additions, materials and colors would match the existing building as much as feasible.
- **TREE REMOVAL & REPLACEMENT:** The school would remove 212 caliper inches of trees in the proposed development while they are not adding any trees above the typical zoning requirements. However, any shortfall of trees being removed would be accounted for per the approved Dempsey Middle School tree preservation conservation easement agreement
- **LANDSCAPING & SCREENING:** The landscape plan identifies the required tree and shrubs adjacent to the new parking lot where it fronts Bernard Avenue and Washington Street, the appropriate interior parking lot landscaping and the appropriate front yard trees adjacent to the addition fronting Washington Street. Staff would recommend front yard trees should be installed along Liberty Street just south of the new entrance drive and extend to the existing playground. Street trees to supplement the existing street trees shall be installed along Liberty, Washington and Harrison Streets per the Parks and Natural Resource's Department. The landscape plan would have to be reviewed and approved by the Shade Tree Commission for species, installation size and location.
- **LIGHTING:** The site would have six new light poles that would be 20 feet high with cut off light fixtures. Three of the light poles would be located in the new parking lot, two light poles would be located along the new entrance road from Liberty Road and one light pole would be located near the extended parent drop-off area along Washington Street. The building addition would have six wall packs along the elevations. The lighting plan specifications would have to be reviewed and approved by the Chief Building Official.
- **SIGNS:** There is no new signage proposed with the addition and site improvement.

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**STAFF RECOMMENDATION (2015-1306 – CONDITIONAL USE PERMIT)**

Staff recommends approval of a request by Delaware City Schools for a Conditional Use Permit for an Addition, Renovations and Site Improvements for Woodward Elementary School on approximately 4.55 acres zoned R-4 (Medium Density Residential District) and located at 200 South Washington Street.

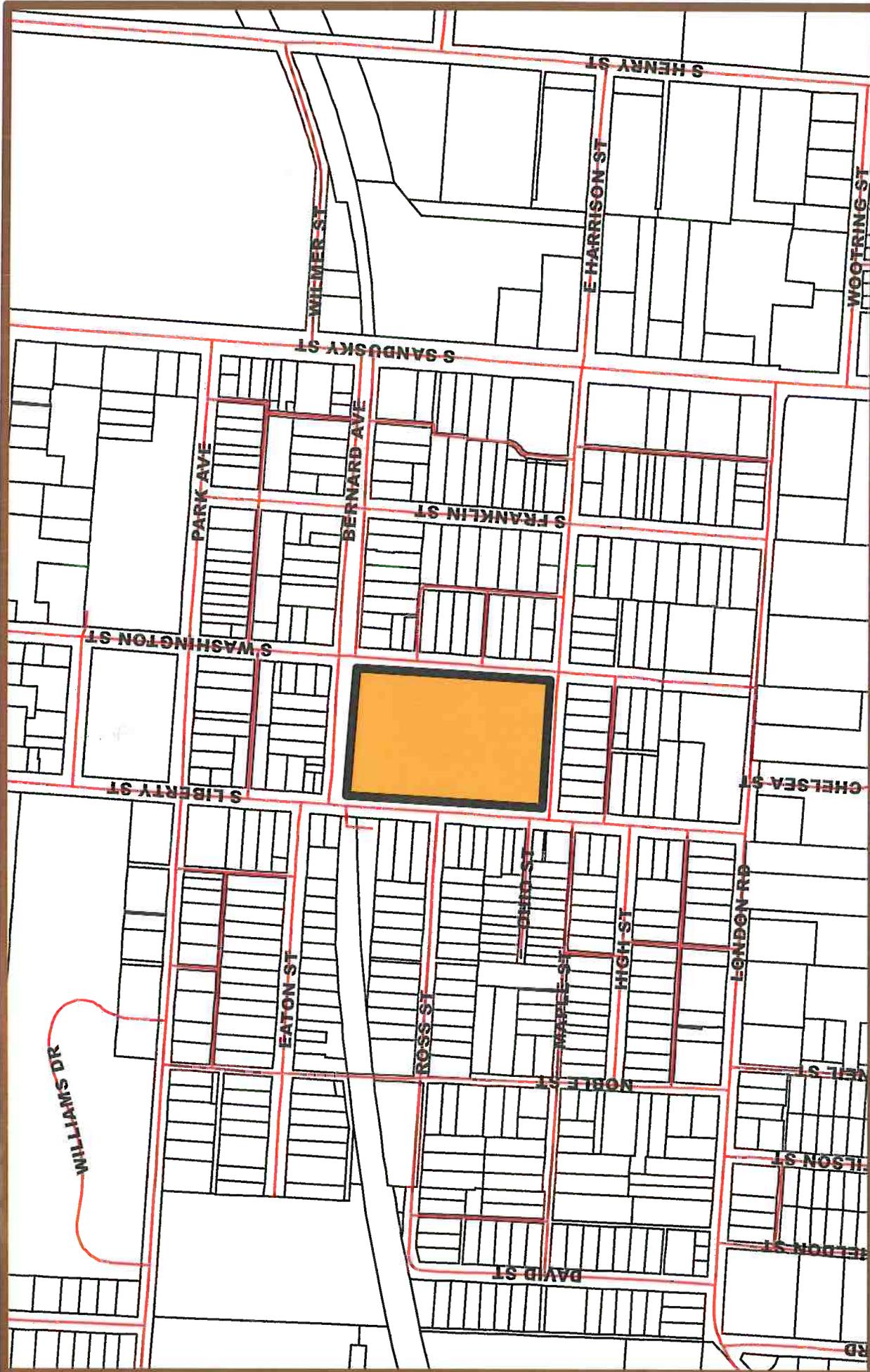
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**STAFF RECOMMENDATION (2015-1307 – COMBINED PRELIMINARY & FINAL DEVELOPMENT PLAN)**

Staff recommends approval of a request by Delaware City Schools for a Combined Preliminary and Final Development Plan for an Addition, Renovations and Site Improvements for Woodward Elementary School on approximately 4.55 acres zoned R-4 (Medium Density Residential District) and located at 200 South Washington Street, with the following conditions that:

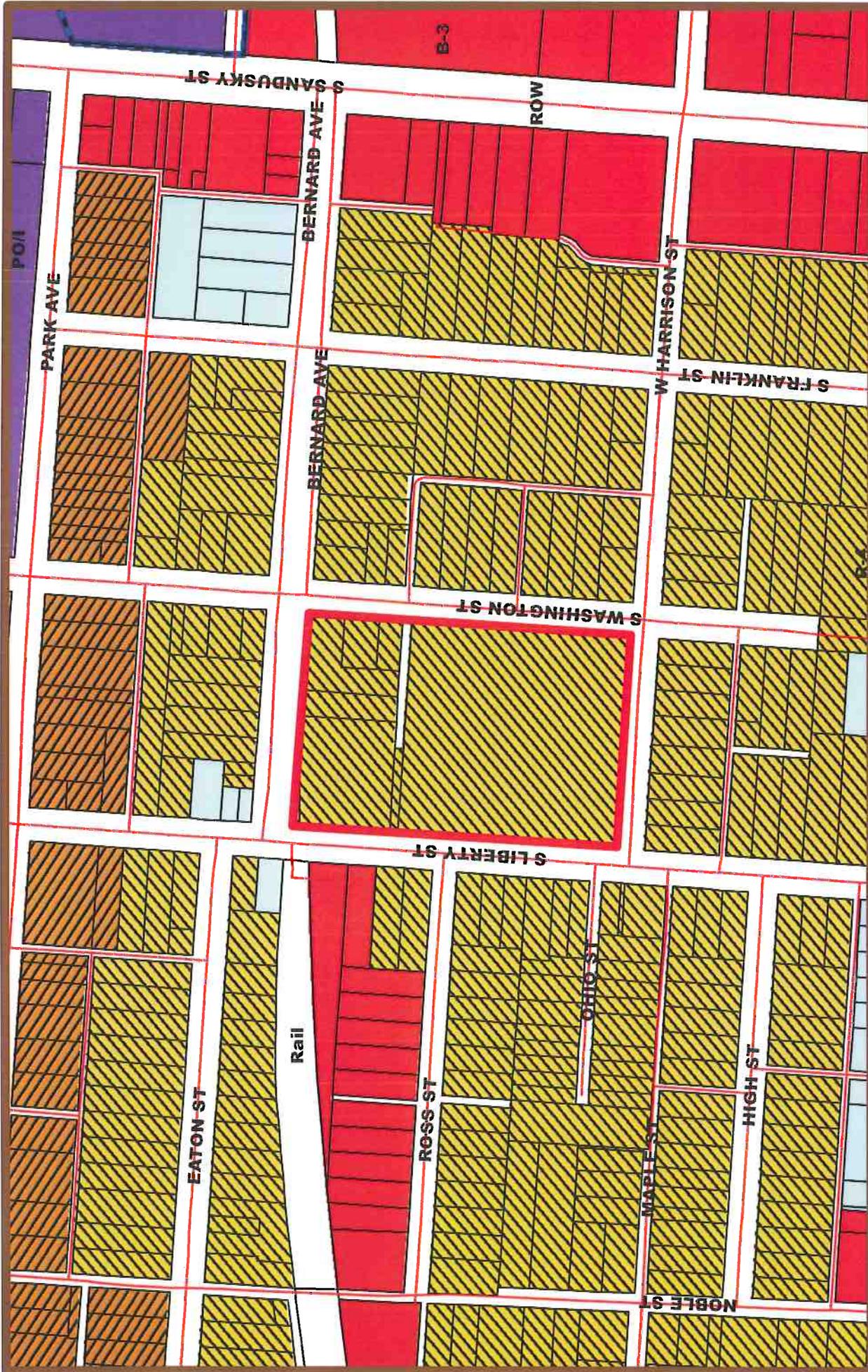
1. The applicant needs to obtain engineering approvals, including any storm water and utility issues that need to be worked out through the Engineering and Utilities Departments. All comments regarding the layout and details of the project are preliminary and subject to modification or change based on the final technical review by the Engineering Department once a complete plan set is submitted for review.
2. All building appurtenances (coping, downspouts, etc.) shall be painted to match the adjacent building material color.
3. Any new roof top mechanical equipment shall be screened from public view.
4. Front yard trees shall be installed along Liberty Street just south of the new entrance road south to the existing playground.
5. Street trees to supplement the existing street trees shall be installed along Liberty, Washington and Harrison Streets per the Parks and Natural Resource Department.
6. The landscape plans shall be reviewed and approved by the Shade Tree Commission.
7. The lighting plan shall be reviewed and approved by the Chief Building Official.





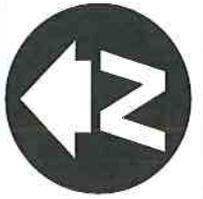
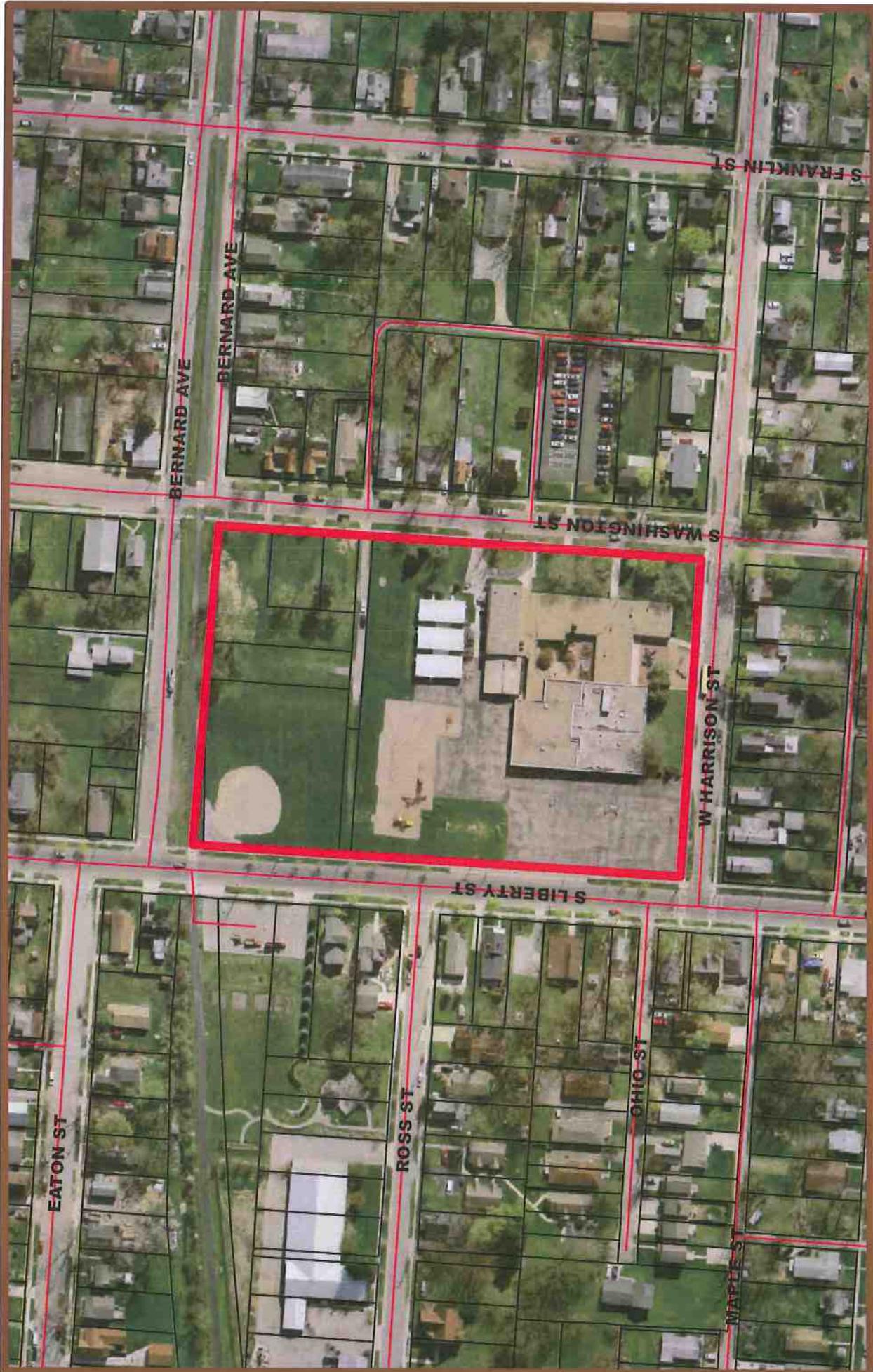
2015-1306 & 1307  
 Conditional Use Permit and Combined Preliminary  
 and Final Development Plan  
 Woodward Elementary - 200 South Washington Street  
 Location Map





2015-1306 & 1307  
 Conditional Use Permit and Combined Preliminary  
 and Final Development Plan  
 Woodward Elementary - 200 South Washington Street  
 Zoning Map





2015-1306 & 1307  
Conditional Use Permit and Combined Preliminary  
and Final Development Plan  
Woodward Elementary - 200 South Washington Street  
Aerial (2013)



# FANNING HOWEY

July 8, 2015

Woodward Elementary School  
Renovations and Additions  
Delaware City Schools  
Delaware, Ohio  
Project No. 213051.04

## Project Narrative

The work at Woodward Elementary School is comprised of a single story academic and gymnasium addition at the north end of the building to accommodate 11 classrooms with associated restrooms, new food service area, mechanical, and electrical. The addition will have a new entrance off Liberty Street to accommodate students arriving and leaving by bus. The existing parent drop-off drive along Washington Street will be extended to allow for more cars to minimize stacking along Washington Street. Existing and proposed building areas are as follows:

|              | <u>Existing</u> | <u>Proposed</u> | <u>Total</u> |
|--------------|-----------------|-----------------|--------------|
| Main Level   | 36,144 s.f.     | 22,355 s.f.     | 58,499 s.f.  |
| Lower Level  | 3,052 s.f.      | 0 s.f.          | 0 s.f.       |
| Upper Levels | 333 s.f.        | 583 s.f.        | 916 s.f.     |

All new exterior materials (roofing, brick and concrete masonry, aluminum windows and doors) will match the existing exterior materials to the extent that these same or similar materials are still available.

The existing 54 car parking area located east of Washington Street will remain unchanged. A new 56 car parking lot with access from Washington Street will be added to the northern portion of the site for a 104% net increase in parking spaces. This parking lot will serve as staff and event parking.

The landscape plan complies with the parking lot tree planting requirements. The lighting plan for the site has accommodated the minimum foot candle standards.

Storm water from the new impervious roof and parking areas will be collected into bio-retention basins in the lawn areas north of the building addition and will then be tied into the city owned storm line in Washington St.

ARCHITECTURE | ENGINEERING

4930 Bradenton Avenue | Dublin, OH 43017

614.764.4661 | fax 614.764.7894 | www.fhai.com

# FINAL SITE ENGINEERING PLANS

## WOODWARD ELEMENTARY SCHOOL RENOVATIONS AND ADDITIONS

DELAWARE CITY SCHOOL  
DELAWARE, OHIO

JULY 8, 2015

NOTE: QUANTITIES SHOWN ARE NOT COMPLETE. THIS LISTED ARE FOR INFORMATION AND ARE ESTIMATES. SPECIFICATIONS AND SHALL BE THE BASIS OF QUANTITIES LISTED IN THE LISTED HEREIN.

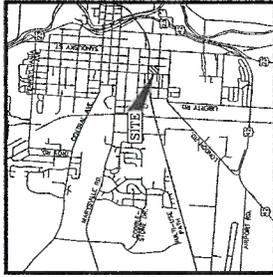
| ITEM        | QTY. | UNIT | DESCRIPTION                                   |
|-------------|------|------|-----------------------------------------------|
| STORM WATER |      |      |                                               |
| 6-11        | 558  | LF   | 6" HDPE STORM CONDUIT                         |
| 6-11        | 528  | LF   | 8" HDPE STORM CONDUIT                         |
| 6-11        | 328  | LF   | 12" HDPE STORM CONDUIT                        |
| 6-11        | 202  | LF   | 15" HDPE STORM CONDUIT                        |
| 6-11        | 388  | LF   | 18" HDPE STORM CONDUIT                        |
| 6-11        | 5    | EA   | 600# DOWEL BARS (200# 2" x 2" x 36" @ 10' ON) |
| 6-11        | 5    | EA   | 600# DOWEL BARS (200# 2" x 2" x 36" @ 10' ON) |
| 6-11        | 7    | EA   | 600# DOWEL BARS (200# 2" x 2" x 36" @ 10' ON) |
| 6-11        | 3    | EA   | 600# DOWEL BARS (200# 2" x 2" x 36" @ 10' ON) |
| 6-11        | 1    | EA   | 600# DOWEL BARS (200# 2" x 2" x 36" @ 10' ON) |
| 6-11        | 1    | EA   | 600# DOWEL BARS (200# 2" x 2" x 36" @ 10' ON) |

**OWNER ADDRESS**  
DELAWARE CITY SCHOOLS  
248 N. WASHINGTON STREET  
DELAWARE, OHIO 43015  
PHONE: 740-833-1100  
FAX: 740-833-1149

**APPLICANT:**  
FANNING HOWEY ASSOCIATES, INC.  
4930 BRADENTON AVE.  
DUBLIN, OHIO 43017  
PHONE: 614-764-4661  
FAX: 614-764-7894

**STRUCTURAL ENGINEER:**  
JEZERINAC BEERS AND ASSOCIATES, INC.  
5640 PRANTZ ROAD  
DUBLIN, OHIO 43017  
PHONE: 614-766-0068  
FAX: 614-766-1223

**CIVIL ENGINEER:**  
THE MANNIK & SMITH GROUP, INC.  
815 GRANDVIEW AVE., SUITE 650  
COLUMBUS, OHIO 43215  
PHONE: 614-441-4222  
FAX: 888-488-7340



LOCATION MAP  
-NOT TO SCALE-

**SHEET INDEX**

|       |       |
|-------|-------|
| 1/4   | SWIFT |
| 2/4   | SWIFT |
| 3/4   | SWIFT |
| 4/4   | SWIFT |
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**UNDERGROUND UTILITIES**  
CONTACT BOTH SERVICES  
BEFORE YOU DIG  
CALL  
**1-800-362-2764**  
OR  
**614-764-4661**  
MUST BE CALLED DIRECTLY  
OHIO UTILITIES PROTECTIVE SERVICE  
ONE, R. GAS PRODUCERS PROTECTIVE  
SERVICE CALL: **1-800-955-0088**

**UTILITY COMPANIES**

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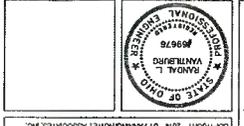
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COLUM



WOODWARD ELEMENTARY SCHOOLS RENOVATIONS AND ADDITIONS DELAWARE, OHIO



GENERAL NOTES, DATE: JULY 2, 2019, SHEET: SU 1.1

GENERAL NOTES: 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE HORIZONTAL AND VERTICAL ALIGNMENT OF THE CONSTRUCTION...

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE HORIZONTAL AND VERTICAL ALIGNMENT OF THE CONSTRUCTION...

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# LAND DEVELOPMENT PROJECT

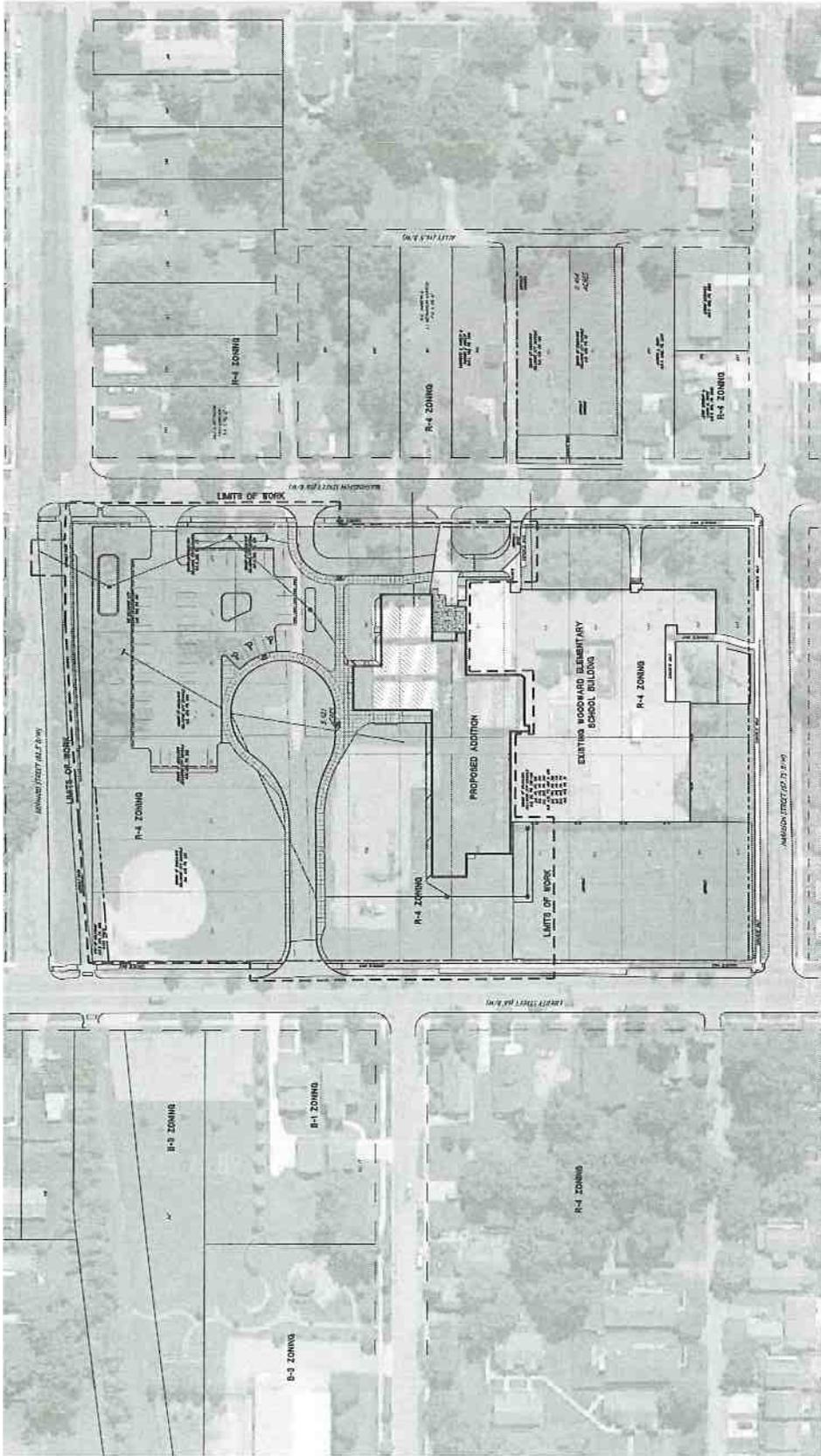
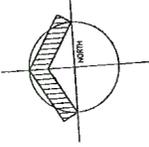
GENERAL PLAN NOTES

THE CITY OF DELAWARE CITY RECALCULATED SPECIFICATIONS, STANDARDS, BUSINESS AND ARCHITECTURAL DESIGN MANUAL, TOGETHER WITH THE CITY OF COLUMBUS (GOOD CONSTRUCTION AND MATERIAL SPECIFICATION CHECK), POLICIES, ALL SUPPLEMENTED THEREIN, SHALL GOVERN ALL MATERIAL AND WORKMANSHIP INVOLVED IN THE IMPROVEMENTS SHOWN IN THESE PLANS UNLESS OTHERWISE NOTED. ALL PERMIT STANDARD CONSTRUCTION DRAWINGS ARE AVAILABLE UPON REQUEST OF THE DEPARTMENT OF ENGINEERING SERVICES.

ONLY ALL WORK SHALL BE COMPLETELY ACCORDANCE TO CITY ORDINANCES. NO WORK SHALL CONFLICT WITH ANY APPROPRIATIONS HAVE BEEN COMPLETED WITH THE DEPARTMENT OF ENGINEERING SERVICES. THE CITY FOR THE PROPOSED WORK, COST OF INSPECTION SHALL BE PAID FOR BY THE DEVELOPER THROUGH ENGINEERING INSPECTION FEES CALCULATED BY THE DEPARTMENT OF ENGINEERING SERVICES.

**ZONING:** R-4 MEDIUM DENSITY RESIDENTIAL DISTRICT  
**PRESENT AND PROPOSED USE:** PRIMARY SCHOOL, EDUCATION  
**FLOOR AREAS - EXISTING BUILDINGS:** MAIN LEVEL = 30,144 SF  
 SECOND LEVEL = 333 SF  
**FLOOR AREAS - NEW ADDITION:** MAIN LEVEL = 23,255 SF  
 SECOND LEVEL = 550 SF  
**TOTAL FLOORING FLOOR AREA = 53,867 SF**

**EXISTING BUILDING FOOT (EXISTING BUILDING):** 24 FEET 4 INCHES  
**EXISTING BUILDING FOOT (NEW ADDITION):** 27 FEET 8 INCHES  
**WORK UNIT = 4.40 ACRES**



DEVELOPMENT PLAN

SCALE: 1" = 50'-0"

|                       |                     |
|-----------------------|---------------------|
| DEVELOPMENT PLAN      |                     |
| DESIGNED BY: RHT      | DATE: MAY 6, 2015   |
| PROJECT NO.: 21001204 | REVISIONS NO. DATE: |
| G0.1                  |                     |

**FANNING HOWEY**  
 614.764.4661 www.fhd.com  
**Magnik Smith GROUP**  
 TECHNICAL & ARCHITECTURAL GROUP

ADDITION & RENOVATIONS TO  
 WOODWARD ELEMENTARY SCHOOL  
 FOR  
 DELAWARE CITY SCHOOLS  
 DELAWARE, OHIO





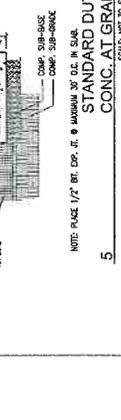
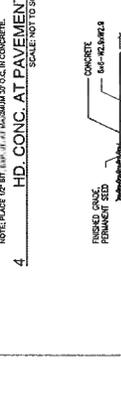
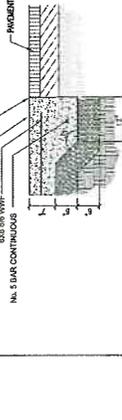
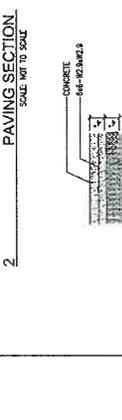
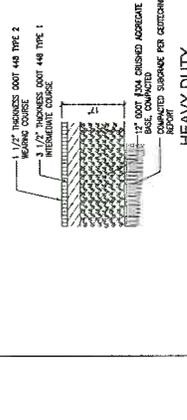
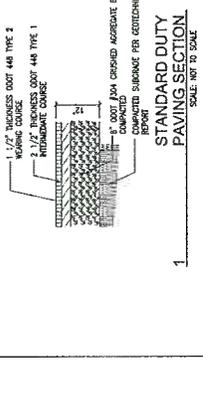
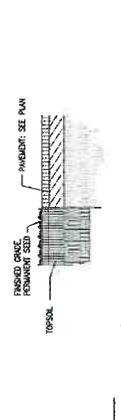
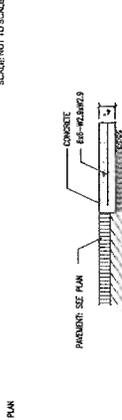
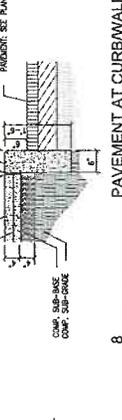
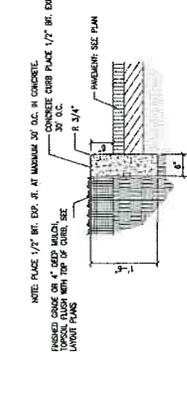
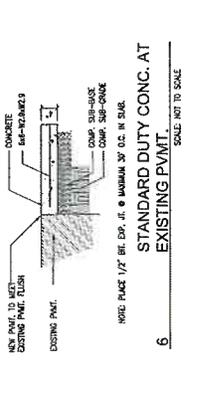
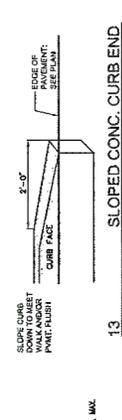
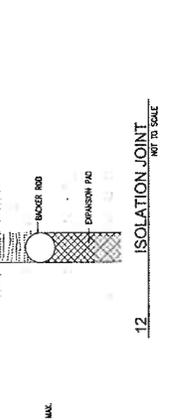
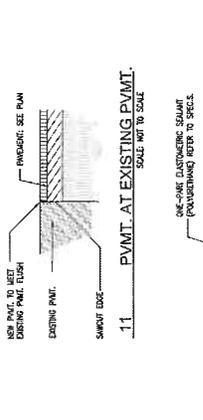
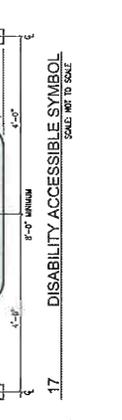
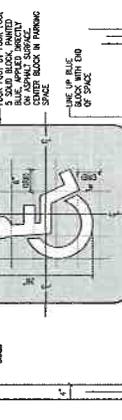
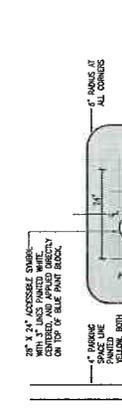
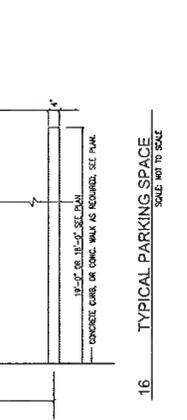
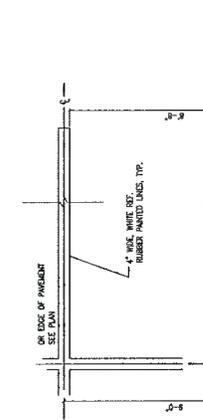




ADDITION & RENOVATIONS TO  
WOODWARD ELEMENTARY SCHOOL  
FOR  
DELAWARE CITY SCHOOLS  
DELAWARE, OHIO

FANNING HOWEY  
614.764.4661 www.fhd.com  
Mannik Smith Group  
TECHNICAL ENGINEER  
CREATIVE BRITAIN

DETAILS AND SECTIONS  
CHECKED BY: MFL DATE: MAY 4, 2015  
DESIGNED BY: MFL DATE: MAY 4, 2015  
REVISIONS: NO. DATE  
G4.1  
SCALE: 1/8" = 1'-0"  
WOODWARD CLAS. SCHOOL  
12/26/2015



NOTES:  
1. CONTRACTOR SHALL CONSTRUCT RAMP PER CURRENT ADA STANDARDS.  
2. CONTRACTOR SHALL CONSTRUCT DETECTABLE WARNING SURFACE WITH FEDERAL WARNING SURFACE.  
3. CONTRACTOR SHALL CONSTRUCT DETECTABLE WARNING SURFACE WITH FEDERAL WARNING SURFACE.  
4. CONTRACTOR SHALL CONSTRUCT DETECTABLE WARNING SURFACE WITH FEDERAL WARNING SURFACE.

NOTE: RAMP WIDTH IS TO BE 5' UNLESS OTHERWISE NOTED ON THE PLAN.  
FOR USE OUTSIDE OF CITY R.O.W. ON OWNER'S PROPERTY ONLY.

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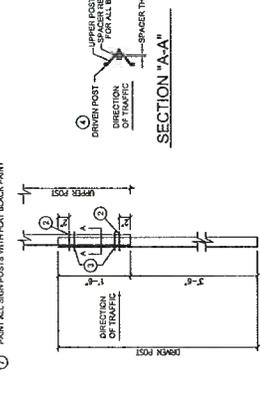


**MATERIAL SCHEDULE**

ALL MATERIALS AND INSTALLATIONS SHALL BE COMPLIANT WITH CURRENT M.U.C.D. MANUAL SPECIFICATIONS AND THE M.U.C.D. SPECIFICATIONS. REFER TO SHEET C-2.0.1 FOR ALL MATERIALS AND INSTALLATIONS. ALL MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH THE M.U.C.D. MANUAL SPECIFICATIONS AND THE M.U.C.D. SPECIFICATIONS. REFER TO SHEET C-2.0.1 FOR ALL MATERIALS AND INSTALLATIONS. ALL MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH THE M.U.C.D. MANUAL SPECIFICATIONS AND THE M.U.C.D. SPECIFICATIONS. REFER TO SHEET C-2.0.1 FOR ALL MATERIALS AND INSTALLATIONS.

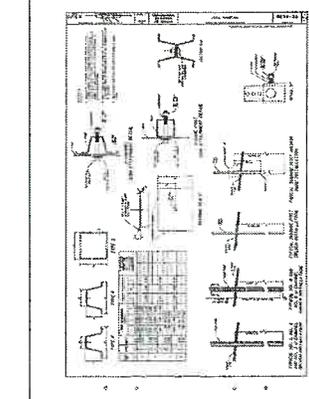
| KEY | DESCRIPTION         | QUANTITY                      | UNIT     | NOTES                                         |
|-----|---------------------|-------------------------------|----------|-----------------------------------------------|
| 1   | STOP SIGN           | 24" x 30" 30" x 30" SEE 5-A-4 | SHEET    | 16 GAUGE REFLECTIVE ALUMINUM ANODIZED 1100-02 |
| 2   | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 3   | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 4   | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 5   | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 6   | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 7   | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 8   | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 9   | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 10  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 11  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 12  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 13  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 14  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 15  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 16  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 17  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 18  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 19  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 20  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 21  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 22  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 23  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 24  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 25  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 26  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 27  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 28  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 29  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 30  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 31  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 32  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 33  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 34  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 35  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 36  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 37  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 38  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 39  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 40  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 41  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 42  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 43  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 44  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 45  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 46  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 47  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 48  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 49  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |
| 50  | DOUBLE MOUNTED SIGN | 18 GA. STEEL SIGN             | NO SCALE | SEE 5-A-4                                     |

- GENERAL NOTES:**
- THE SPACER THICKNESS SHALL BE 1/16" LESS THAN THE GAP BETWEEN THE POSTS WHEN POSITIONED IN THE UNMOUNTED CONFIGURATION.
  - POSTS SHALL BE POSITIONED IN THE UNMOUNTED CONFIGURATION.
  - POSTS SHALL BE POSITIONED IN THE UNMOUNTED CONFIGURATION.
  - POST SECTION: 1. SPACER THICKNESS SHALL BE 1/16" LESS THAN THE GAP BETWEEN THE POSTS WHEN POSITIONED IN THE UNMOUNTED CONFIGURATION. 2. THE SPACER SHALL BE INSTALLED IN A MANNER SUCH THAT THE INTERIOR BOLTS SHALL BE 1/4" FROM THE MOUNTING SURFACE. 3. THE SPACER SHALL BE INSTALLED IN A MANNER SUCH THAT THE INTERIOR BOLTS SHALL BE 1/4" FROM THE MOUNTING SURFACE. 4. THE SPACER SHALL BE INSTALLED IN A MANNER SUCH THAT THE INTERIOR BOLTS SHALL BE 1/4" FROM THE MOUNTING SURFACE.
  - THE DRIVER POST SHALL ALWAYS BE MOUNTED IN FRONT OF THE UPPER POST.
  - THE BOLTS SHOWN SHALL BE 1/2" GALVANIZED BOLTS IN ACCORDANCE WITH M.U.C.D. SPECIFICATIONS.
  - CORE DRILL FOR SIGN POSTS PLACED IN PAVEMENT AND CONCRETE AND GROUT FILL.
  - PAINT ALL SIGN POSTS WITH FLAT BLACK PAINT.



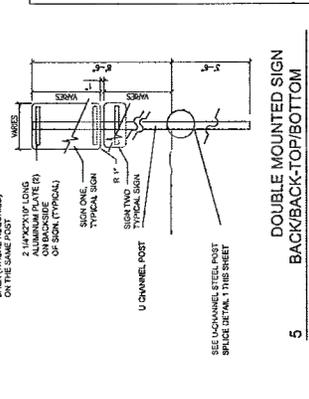
1 U CHANNEL STEEL POST SPLICE  
NO SCALE

**DOUBLE MOUNTED SIGN TOP/BOTTOM**



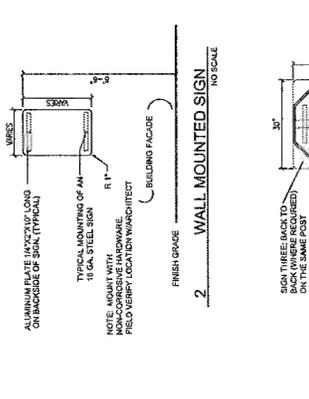
DOUBLE MOUNTED SIGN TOP/BOTTOM  
NO SCALE

**DOUBLE MOUNTED SIGN BACK/BACK-TOP/BOTTOM**



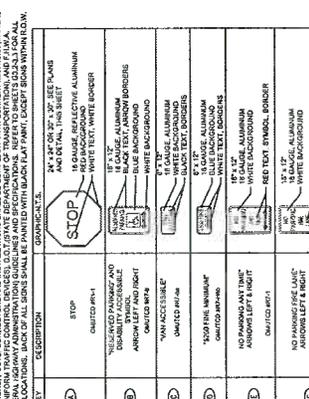
DOUBLE MOUNTED SIGN BACK/BACK-TOP/BOTTOM  
NO SCALE

**DOUBLE MOUNTED SIGN MOUNTED ON LIGHT POLE**



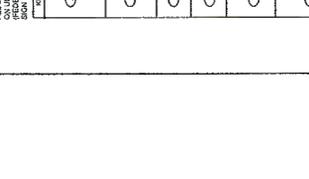
DOUBLE MOUNTED SIGN MOUNTED ON LIGHT POLE  
NO SCALE

**SIGN MOUNTED SINGLE**



SIGN MOUNTED SINGLE  
NO SCALE

**STOP SIGN WITH SECOND SIGN**



STOP SIGN WITH SECOND SIGN  
NO SCALE

**DOUBLE MOUNTED SIGN TOP/BOTTOM**



DOUBLE MOUNTED SIGN TOP/BOTTOM  
NO SCALE

**DOUBLE MOUNTED SIGN BACK/BACK-TOP/BOTTOM**



DOUBLE MOUNTED SIGN BACK/BACK-TOP/BOTTOM  
NO SCALE

**DOUBLE MOUNTED SIGN MOUNTED ON LIGHT POLE**



DOUBLE MOUNTED SIGN MOUNTED ON LIGHT POLE  
NO SCALE

**SIGN MOUNTED SINGLE**



SIGN MOUNTED SINGLE  
NO SCALE

**STOP SIGN WITH SECOND SIGN**



STOP SIGN WITH SECOND SIGN  
NO SCALE

**DOUBLE MOUNTED SIGN TOP/BOTTOM**



DOUBLE MOUNTED SIGN TOP/BOTTOM  
NO SCALE

**DOUBLE MOUNTED SIGN BACK/BACK-TOP/BOTTOM**



DOUBLE MOUNTED SIGN BACK/BACK-TOP/BOTTOM  
NO SCALE

**DOUBLE MOUNTED SIGN MOUNTED ON LIGHT POLE**



DOUBLE MOUNTED SIGN MOUNTED ON LIGHT POLE  
NO SCALE

**SIGN MOUNTED SINGLE**



SIGN MOUNTED SINGLE  
NO SCALE

**STOP SIGN WITH SECOND SIGN**



STOP SIGN WITH SECOND SIGN  
NO SCALE

**DOUBLE MOUNTED SIGN TOP/BOTTOM**



DOUBLE MOUNTED SIGN TOP/BOTTOM  
NO SCALE

**DOUBLE MOUNTED SIGN BACK/BACK-TOP/BOTTOM**



DOUBLE MOUNTED SIGN BACK/BACK-TOP/BOTTOM  
NO SCALE

**DOUBLE MOUNTED SIGN MOUNTED ON LIGHT POLE**



DOUBLE MOUNTED SIGN MOUNTED ON LIGHT POLE  
NO SCALE

**SIGN MOUNTED SINGLE**



SIGN MOUNTED SINGLE  
NO SCALE

**STOP SIGN WITH SECOND SIGN**



STOP SIGN WITH SECOND SIGN  
NO SCALE

**DOUBLE MOUNTED SIGN TOP/BOTTOM**



DOUBLE MOUNTED SIGN TOP/BOTTOM  
NO SCALE

**DOUBLE MOUNTED SIGN BACK/BACK-TOP/BOTTOM**



DOUBLE MOUNTED SIGN BACK/BACK-TOP/BOTTOM  
NO SCALE

**DOUBLE MOUNTED SIGN MOUNTED ON LIGHT POLE**



DOUBLE MOUNTED SIGN MOUNTED ON LIGHT POLE  
NO SCALE

**SIGN MOUNTED SINGLE**



SIGN MOUNTED SINGLE  
NO SCALE

**STOP SIGN WITH SECOND SIGN**



STOP SIGN WITH SECOND SIGN  
NO SCALE

**DOUBLE MOUNTED SIGN TOP/BOTTOM**



DOUBLE MOUNTED SIGN TOP/BOTTOM  
NO SCALE

**DOUBLE MOUNTED SIGN BACK/BACK-TOP/BOTTOM**



DOUBLE MOUNTED SIGN BACK/BACK-TOP/BOTTOM  
NO SCALE

**DOUBLE MOUNTED SIGN MOUNTED ON LIGHT POLE**



DOUBLE MOUNTED SIGN MOUNTED ON LIGHT POLE  
NO SCALE

**SIGN MOUNTED SINGLE**



SIGN MOUNTED SINGLE  
NO SCALE

**STOP SIGN WITH SECOND SIGN**



STOP SIGN WITH SECOND SIGN  
NO SCALE

**DOUBLE MOUNTED SIGN TOP/BOTTOM**



DOUBLE MOUNTED SIGN TOP/BOTTOM  
NO SCALE

**DOUBLE MOUNTED SIGN BACK/BACK-TOP/BOTTOM**



DOUBLE MOUNTED SIGN BACK/BACK-TOP/BOTTOM  
NO SCALE

**DOUBLE MOUNTED SIGN MOUNTED ON LIGHT POLE**



DOUBLE MOUNTED SIGN MOUNTED ON LIGHT POLE  
NO SCALE

**SIGN MOUNTED SINGLE**



SIGN MOUNTED SINGLE  
NO SCALE

**STOP SIGN WITH SECOND SIGN**



STOP SIGN WITH SECOND SIGN  
NO SCALE

**DOUBLE MOUNTED SIGN TOP/BOTTOM**



DOUBLE MOUNTED SIGN TOP/BOTTOM  
NO SCALE

**DOUBLE MOUNTED SIGN BACK/BACK-TOP/BOTTOM**



DOUBLE MOUNTED SIGN BACK/BACK-TOP/BOTTOM  
NO SCALE

**DOUBLE MOUNTED SIGN MOUNTED ON LIGHT POLE**



DOUBLE MOUNTED SIGN MOUNTED ON LIGHT POLE  
NO SCALE

**SIGN MOUNTED SINGLE**



SIGN MOUNTED SINGLE  
NO SCALE

**STOP SIGN WITH SECOND SIGN**



STOP SIGN WITH SECOND SIGN  
NO SCALE

**DOUBLE MOUNTED SIGN TOP/BOTTOM**



DOUBLE MOUNTED SIGN TOP/BOTTOM  
NO SCALE

**DOUBLE MOUNTED SIGN BACK/BACK-TOP/BOTTOM**



DOUBLE MOUNTED SIGN BACK/BACK-TOP/BOTTOM  
NO SCALE

**DOUBLE MOUNTED SIGN MOUNTED ON LIGHT POLE**



DOUBLE MOUNTED SIGN MOUNTED ON LIGHT POLE  
NO SCALE

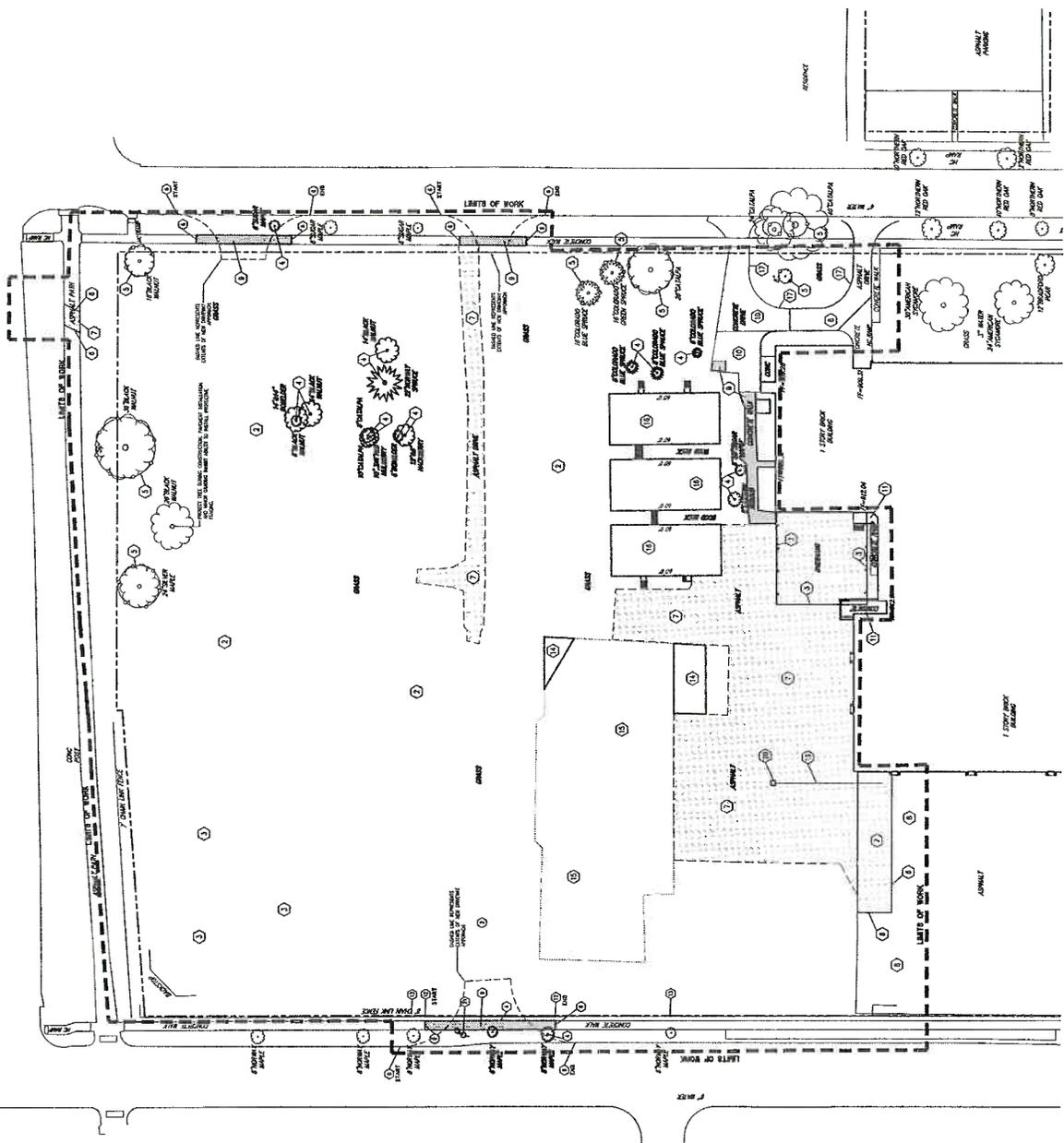
**SIGN MOUNTED SINGLE**



WOODWARD & RENOVATIONS TO  
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 614.764.4661 www.fhcl.com  
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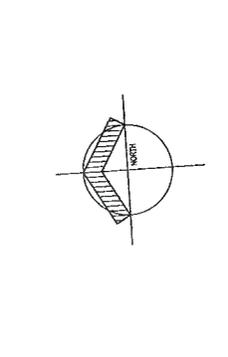
|                    |                   |
|--------------------|-------------------|
| REVISIONS NO. DATE | GD1.1             |
| DESIGNED BY: JMS   | DATE: MAY 4, 2013 |
| CHECKED BY: JMS    | DATE: MAY 4, 2013 |
| PROJECT NO. DATE   | DEMOLITION PLAN   |



- DEMOLITION KEYNOTE LEGEND**
1. LIMITS OF WORK
  2. CLEAR AND GRAB AREA AND EXPOSE OFFSITE. SEE SHEETS COLLECT FOR LIMITS.
  3. EXISTING TO BE DEMOLISHED. REMOVE EXISTING CONSTRUCTION.
  4. EXISTING TO BE DEMOLISHED. REMOVE EXISTING CONSTRUCTION. REMOVE AND RELOCATE AS SHOWN ON THE PLAN AND EXPOSE OFFSITE.
  5. EXISTING TO BE DEMOLISHED. REMOVE EXISTING CONSTRUCTION. REMOVE AND RELOCATE AS SHOWN ON THE PLAN AND EXPOSE OFFSITE. REMOVE EXISTING CONSTRUCTION. REMOVE AND RELOCATE AS SHOWN ON THE PLAN AND EXPOSE OFFSITE.
  6. REMOVE EXISTING CONSTRUCTION.
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  24. REMOVE EXISTING CONSTRUCTION. REMOVE AND RELOCATE AS SHOWN ON THE PLAN AND EXPOSE OFFSITE.

**GENERAL NOTES**

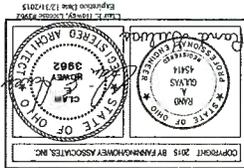
1. THE CONTRACTOR IS TO VERIFY ALL UTILITIES PRIOR TO CONSTRUCTION. UTILITIES NOT IDENTIFIED ON THE PLAN SHALL BE IDENTIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTACT THE UTILITY COMPANIES FOR LOCATION AND DEPTH INFORMATION.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AGENCIES. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AGENCIES. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AGENCIES.
3. CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS AND ORDINANCES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AGENCIES. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AGENCIES.
4. PROTECT ALL EXISTING UTILITIES AND STRUCTURES NOT TO BE DEMOLISHED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AGENCIES. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AGENCIES.
5. REMOVE EXISTING CONSTRUCTION. REMOVE AND RELOCATE AS SHOWN ON THE PLAN AND EXPOSE OFFSITE.
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DEMOLITION PLAN  
 SCALE: 1" = 30'-0"







WOODWARD ELEMENTARY SCHOOLS  
 DELAWARE CITY SCHOOLS  
 DELAWARE, OHIO

**FANNING & HOWEY**  
 614.764.4661 www.fhqi.com  
 MAINTENANCE GROUP  
 ELECTRICAL, MECHANICAL, PLUMBING

**SITE ELECTRICAL ZONING APPROVAL PLAN**

PROJECT NO. DATE: APR 9, 2014  
 CHECKED BY: RAG  
 DATE: 1/22/14  
 ENGINEER: RAG  
 DATE: 1/22/14

REVISIONS NO. DATE: E2.0

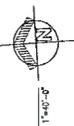
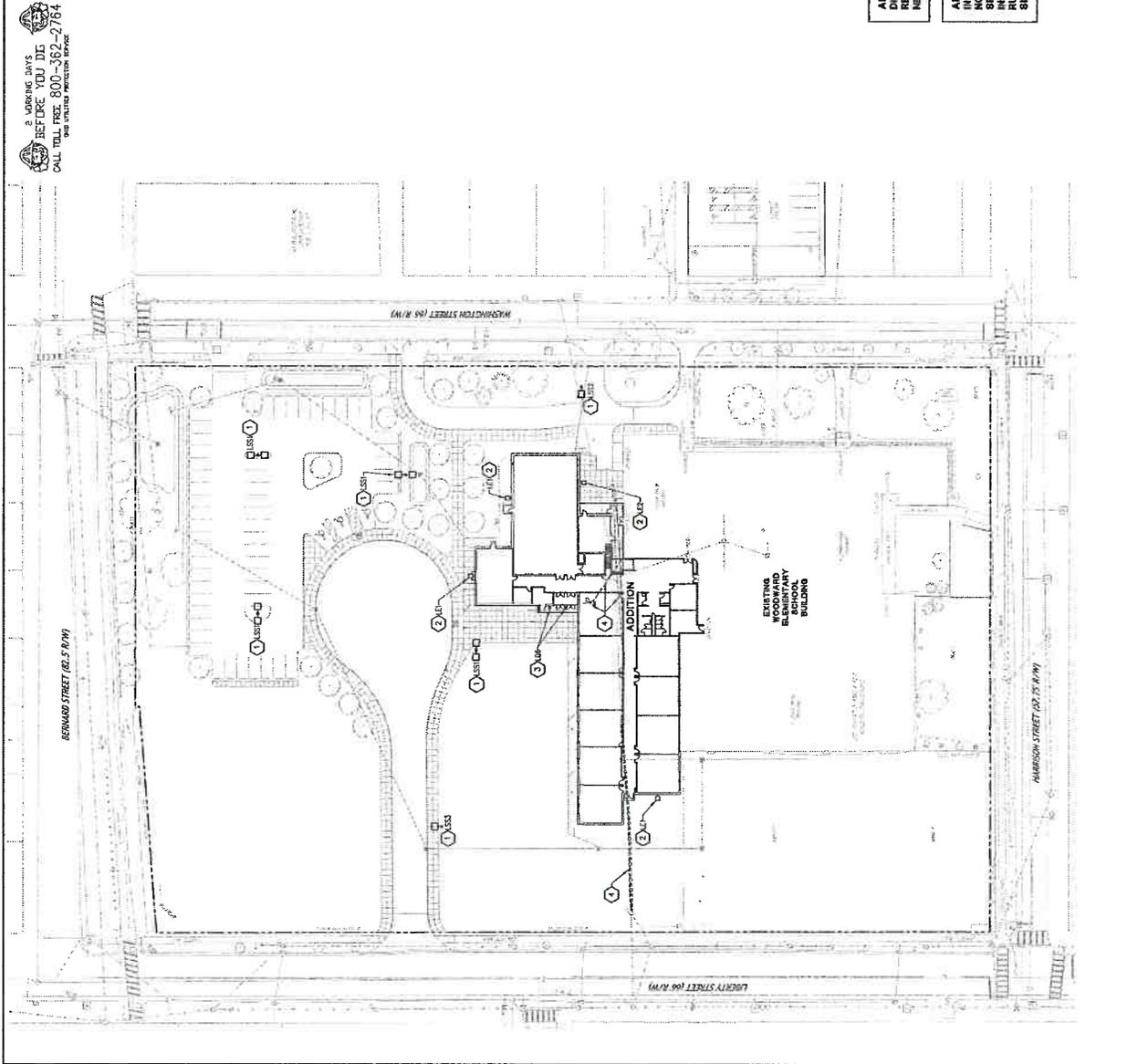
1111 WOODWARD ELEMENTARY SCHOOL  
 DELAWARE, OHIO 43015

- GENERAL NOTES:**
- COORDINATE EXACT LOCATION OF ALL POLE BASES AND UNDERGROUND CONDUIT WITH LOCATIONS OF LATER BURNS TO BE MADE BY THE CONTRACTOR. PROVIDE ALL NECESSARY SETBACK DIMENSIONS FOR INSTALLATION OF UNDERGROUND ELECTRICAL UNDERGROUND CONDUITS. THE INSTALLATION COORDINATE LOCATION OF ALL UNDERGROUND CONDUITS TO BE INSTALLED. PROVIDE ALL NECESSARY SETBACK DIMENSIONS FOR INSTALLATION OF ELECTRICAL UNDERGROUND CONDUITS. THE INSTALLATION COORDINATE LOCATION OF ALL UNDERGROUND CONDUITS TO BE INSTALLED.
  - ANY UNDERGROUND SITE UTILITIES SHOWN ON THIS SHEET OTHER THAN ELECTRICAL SITE UTILITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND CONDUITS, ETC. OF UNDERGROUND SITE UTILITIES WHEN COORDINATING WITH ELECTRICAL SITE UTILITIES INSTALLED ON THIS SHEET.

- PLAN NOTES:**
- NEW PARKING LOT LIGHTING (POLYESTERES). REFER TO LUMINAIRE SCHEDULE ON SHEET E-1 FOR ADDITIONAL INFORMATION. PROVIDE ALL NECESSARY SETBACK DIMENSIONS FOR INSTALLATION OF LIGHTING. PROVIDE ALL NECESSARY SETBACK DIMENSIONS FOR INSTALLATION OF LIGHTING. PROVIDE ALL NECESSARY SETBACK DIMENSIONS FOR INSTALLATION OF LIGHTING.
  - NEW TALL CUT-OFF BUILDING MOUNTED EXTERIOR LIGHTING. REFER TO SHEET E-1 FOR ADDITIONAL INFORMATION. PROVIDE ALL NECESSARY SETBACK DIMENSIONS FOR INSTALLATION OF LIGHTING. PROVIDE ALL NECESSARY SETBACK DIMENSIONS FOR INSTALLATION OF LIGHTING.
  - NEW TALL CUT-OFF BUILDING MOUNTED EXTERIOR LIGHTING. REFER TO SHEET E-1 FOR ADDITIONAL INFORMATION. PROVIDE ALL NECESSARY SETBACK DIMENSIONS FOR INSTALLATION OF LIGHTING. PROVIDE ALL NECESSARY SETBACK DIMENSIONS FOR INSTALLATION OF LIGHTING.
  - EXISTING UTILITIES TO BE RECONSTRUCTED TO ALLOW FOR NEW UNDERGROUND CONDUIT. REFER TO SHEET E-1 FOR ADDITIONAL INFORMATION. PROVIDE ALL NECESSARY SETBACK DIMENSIONS FOR INSTALLATION OF LIGHTING. PROVIDE ALL NECESSARY SETBACK DIMENSIONS FOR INSTALLATION OF LIGHTING.

**ALL UNDERGROUND CONDUIT RUNS UNDER EXISTING PAVING OR SIDEWALKS SHALL BE INSTALLED AT A MINIMUM DEPTH OF 36" BELOW FINISH GRADE UNLESS OTHERWISE SPECIFIED. PROVIDE WARNING TAPE IN ALL TRENCHES WHEN BACKFILLING. INSTALL IN-GRADE PULLBOXES AS REQUIRED FOR LONG UNDERGROUND CONDUIT RUNS. PULLBOXES SHALL BE FURNISHED AND INSTALLED PER SPECIFICATIONS AND SIZED AS REQUIRED FOR THE PULLING REQUIREMENTS FOR THE APPLICATION.**

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**SITE ELECTRICAL PLAN**



**WOODWARD ELEMENTARY SCHOOL**  
**FOR**  
**DELAWARE CITY SCHOOLS**  
**DELAWARE, OHIO**

**FANNING HOWEY**  
 614.764.4661 www.fhqi.com  
**Magnific Group**  
 CREATIVE SKILL. TECHNICAL EXPERT.

|                           |                    |
|---------------------------|--------------------|
| <b>LUMINAIRE SCHEDULE</b> |                    |
| PROJECT NO. DATE          | 88.1               |
| CHECKED BY: RAC           | DATE: JULY 8, 2015 |
| DESIGNED BY: RAC          | DATE: JULY 8, 2015 |
| REVISIONS NO. DATE        |                    |

| LUMINAIRE TYPE | LUMINAIRE DESCRIPTION                                                                      | FINISH COLOR | NORMAL SIZE | MOUNTING         |         |             | LAMP DATA |         |         |         | FEATURE VA | MANUFACTURER | REMARKS                     |                     |
|----------------|--------------------------------------------------------------------------------------------|--------------|-------------|------------------|---------|-------------|-----------|---------|---------|---------|------------|--------------|-----------------------------|---------------------|
|                |                                                                                            |              |             | TYPE             | HEIGHT  | CITY/HEIGHT | SIZE      | WATTAGE | WATTAGE | VOLTAJE |            |              |                             | VOLTAJE             |
| LD6            | OVER RECESSED DOWNLGT. SELF-FINISH. CLEAR SPECULAR FINISH                                  | CLEAR        | 6 IN        | RECESSED DOWNLGT | CEILING | 1 1/2       | 1         | 100     | 4000    | 3000    | 120        | 18           | ROTHMANN PORTOFINO PRESCOTE | END OF SECTION LAMP |
| LE1            | TRIMMED RECESSED WALL SCONCE LIGHT FIXTURE WITH TYPE 2 PSE, 70 W, DRIVER, MET. SPOKE/BRASS | BURN BRONZE  | 6 1/2 IN    | SURFACE WALL     | WALL    | 20          | 2 1/2     | 1       | 3000    | 10000   | 120        | 4            | EDISON LUMINAIRE            | WET LED 120V 10000  |
| LE2            | TRIMMED RECESSED WALL SCONCE LIGHT FIXTURE WITH TYPE 2 PSE, 70 W, DRIVER, MET. SPOKE/BRASS | BURN BRONZE  | 6 1/2 IN    | SURFACE WALL     | WALL    | 20          | 2 1/2     | 1       | 3000    | 10000   | 120        | 4            | EDISON LUMINAIRE            | WET LED 120V 10000  |
| LSS1           | RECESSED DOWNLGT. TYPE 2 PSE, 70 W, DRIVER, MET. SPOKE/BRASS                               | BLACK        | 6 IN        | RECESSED DOWNLGT | CEILING | 1 1/2       | 1         | 11000   | 4000    | 10000   | 120        | 18           | EDISON LUMINAIRE            | WET LED 120V 10000  |
| LSS2           | RECESSED DOWNLGT. TYPE 2 PSE, 70 W, DRIVER, MET. SPOKE/BRASS                               | BLACK        | 6 IN        | RECESSED DOWNLGT | CEILING | 1 1/2       | 1         | 11000   | 4000    | 10000   | 120        | 18           | EDISON LUMINAIRE            | WET LED 120V 10000  |
| LSS3           | RECESSED DOWNLGT. TYPE 2 PSE, 70 W, DRIVER, MET. SPOKE/BRASS                               | BLACK        | 6 IN        | RECESSED DOWNLGT | CEILING | 1 1/2       | 1         | 11000   | 4000    | 10000   | 120        | 18           | EDISON LUMINAIRE            | WET LED 120V 10000  |

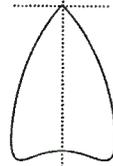
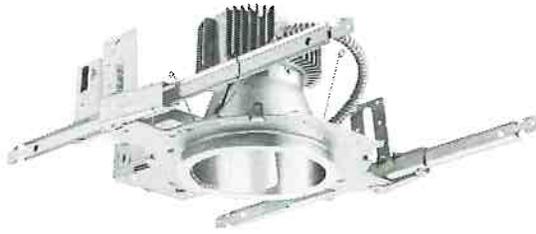
NOTES: 1. FOR ALL DOWNLIGHT LUMINAIRE, PROVIDE WORKING DIMENSIONS FOR INSTALLATION IN ALL DIMENSIONS.  
 2. END OF SECTION DOWNLIGHT LUMINAIRE, PROVIDE WORKING DIMENSIONS FOR INSTALLATION IN ALL DIMENSIONS.  
 3. REFER TO PROJECT MANUAL FOR LAMP & BALLAST REQUIREMENTS AS WELL AS SECTION FOR INTERIOR AND EXTERIOR LIGHTING.  
 4. ALL LED LUMINAIRE, PROVIDE MINIMUM RATED LUMENS AND MAXIMUM WATTAGE AS NOTED ABOVE. PROVIDE REPLACEMENT LED MODULES WARRANTY. FULLY SERVICEABLE THROUGHOUT LIFETIME OF DOWNLIGHTS. LED LUMINAIRE SHALL BE PROVIDED WITH A 3 YEAR WARRANTY.  
 5. PROVIDE CEILING HOOKS FOR DOWNLIGHT. LUMINAIRE SHALL BE RECESSED OR IN-CEILING.  
 6. END OF SECTION DOWNLIGHT LUMINAIRE, PROVIDE WORKING DIMENSIONS FOR INSTALLATION IN ALL DIMENSIONS.  
 7. COVER REFLECTOR IN ALL DOWNLIGHTS ON EXTERIOR (OFFICE) OF PARTIES WHEN NEEDED.  
 8. PROVIDE A LIGHT FIXTURE SAMPLE IN LUMP SUMMATION SUBMITTAL AND IN NOTES.

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ADDITION TO WOODWARD ELEMENTARY  
DELAWARE CITY SCHOOLS  
TYPE LD6



Luminaire Type:  
Catalog Number  
(autopopulated):



Gotham Architectural Downlighting  
LED Downlights

**6" Evo®**  
Downlight

Solid-State Lighting



FEATURES

**OPTICAL SYSTEM**

- Self-flanged semi-specular, matte-diffuse or specular finishing trim
- Patented Bounding Ray™ optical design (U.S. Patent No. 5,800,050)
- 45° cutoff to source and source image
- Top-down flash characteristic
- Polycarbonate lens integral to light engine

**MECHANICAL SYSTEM**

- 16-gauge galvanized steel construction; maximum 1-1/2" ceiling thickness
- Telescopic mounting bars maximum of 32" and minimum of 15", preinstalled, 4" vertical adjustment
- Toolless adjustments post installation
- Junction box capacity: 8 (4 in, 4 out ) 12AWG rated for 90°C
- Light engine and driver accessible through aperture

**ELECTRICAL SYSTEM**

- Fully serviceable and upgradeable lensed LED light engine
- 70% lumen maintenance at 60,000 hours
- Tested according to LM-79 and LM-80 standards
- Overload and short circuit protected
- 2.5 SDCM; 85 CRI typical, 90+ CRI optional

**LISTINGS**

- Fixtures are CSA certified to meet US and Canadian standards; wet location, covered ceiling

**WARRANTY**

- 5-year limited warranty. Complete warranty terms located at: [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

Note: Actual performance may differ as a result of end user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C.

EXAMPLE: EVO 35/10 6AR MWD LSS MVOLT EZ1

| Series | Color temperature | Nominal lumen values          | Aperture/Trim color                     | Distribution               | Finish            | Voltage          |
|--------|-------------------|-------------------------------|-----------------------------------------|----------------------------|-------------------|------------------|
| EVO    | 27/ 2700 K        | 10 1000 lumens 35 3500 lumens | 6AR Clear                               | VND Very narrow (0.5 s/mh) | LSS Semi-specular | MVOLT            |
|        | 30/ 3000 K        | 15 1500 lumens 40 4000 lumens | 6PR Pewter                              | ND Narrow (0.7 s/mh)       | LD Matte-diffuse  | 120              |
|        | 35/ 3500 K        | 20 2000 lumens 45 4500 lumens | 6WTR Wheat                              | MD Medium (0.9 s/mh)       | LS Specular       | 277              |
|        | 40/ 4000 K        | 25 2500 lumens 30 3000 lumens | 6GR Gold                                | MWD Medium wide (1.0 s/mh) |                   | 347 <sup>2</sup> |
|        |                   |                               | 6WR <sup>1</sup> White                  | WD Wide (1.2 s/mh)         |                   |                  |
|        |                   |                               | 6BR <sup>1</sup> Black                  |                            |                   |                  |
|        |                   |                               | 6WRAM <sup>1</sup> White anti-microbial |                            |                   |                  |

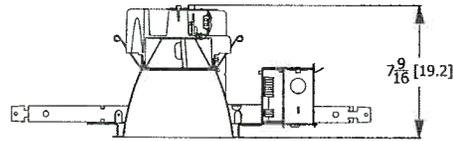
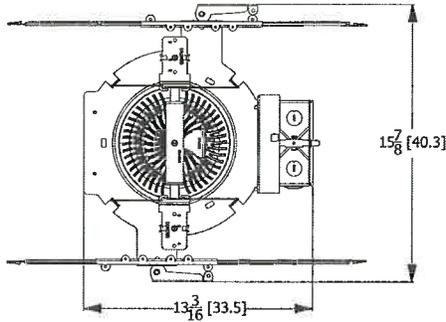
ORDERING INFORMATION

| Driver <sup>3</sup>                                                                                                           | Options                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EZ1<br>eldoLED ECOdrive 0-10V dimming driver. Minimum dimming range level 1%                                                  | SF <sup>6</sup> Single fuse<br>TRW <sup>7</sup> White painted flange<br>TRBL <sup>8</sup> Black painted flange<br>EL <sup>9</sup> Emergency battery pack with integral test switch<br>ELR <sup>9</sup> Emergency battery pack with remote test switch<br>NPS80EZ nLight® dimming pack controls 0-10V eldoLED drivers.<br>NPS80EZER <sup>10</sup> nLight® dimming pack controls 0-10V eldoLED drivers. ER controls fixtures on emergency circuit.<br>WRS <sup>11</sup> FIDO wireless monitoring and reporting system |
| EZB<br>eldoLED SOLOdrive 0-10V dimming driver. Minimum dimming level <1%.                                                     | BGTD <sup>6</sup> Bodine generator transfer device<br>CRI90 High CRI (90+)<br>CP <sup>6</sup> Chicago plenum<br>RRL <sup>12</sup> RELOC®-ready luminaire connectors enable a simple and consistent factory installed option across all ABL luminaire brands. Refer to RRL for complete nomenclature.                                                                                                                                                                                                                |
| EDAB<br>eldoLED SOLOdrive DALI dimming driver. Minimum dimming level <1%.                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| EDXB<br>eldoLED POWERdrive DMX with RDM (remote device management). Minimum dimming level <1%. Includes termination resistor. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| EXA1<br>XPoint Wireless, eldoLED ECOdrive 1% dimming, 0-10V. Refer to XPoint tech sheet.                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| EXAB<br>XPoint Wireless, eldoLED SOLOdrive <1% dimming, 0-10V. Refer to XPoint tech sheet.                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| ECOS2 <sup>13</sup><br>Lutron® Hi-Lume® 2-wire forward-phase dimming driver. Minimum dimming level 1%                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| ECOS3 <sup>1</sup><br>Lutron® Hi-Lume® 3-wire or EcoSystem® dimming driver. Minimum dimming level 1%                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |



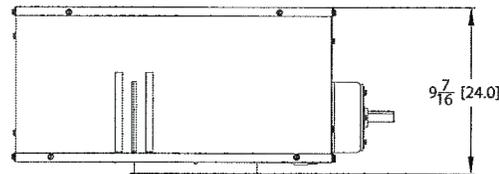
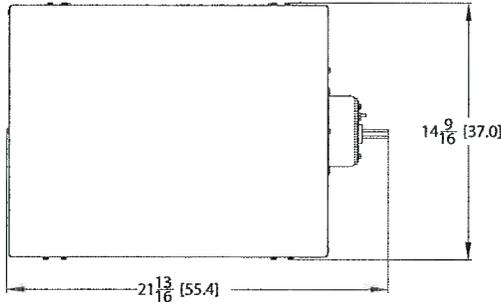
DIMENSIONAL DATA

All dimensions are inches (centimeters) unless otherwise noted.



Aperture: 6-1/4 (15.9)  
 Ceiling Opening: 7-1/8 (18.1)  
 Overlap Trim: 7-1/2 (19.1)

**DIMENSIONS FOR CHICAGO PLENUM**



ELECTRICAL

| WATTAGE CONSUMPTION MATRIX |           |         |                 |
|----------------------------|-----------|---------|-----------------|
| LUMENS                     | LM ACTUAL | WATTAGE | LUMENS per WATT |
| 1000                       | 1,059     | 11.8    | 90.1            |
| 1500                       | 1,572     | 18.5    | 85.0            |
| 2000                       | 2,058     | 23.2    | 88.9            |
| 2500                       | 2,612     | 29.5    | 88.5            |
| 3000                       | 3,077     | 36.6    | 84.1            |
| 3500                       | 3,591     | 42.1    | 85.3            |
| 4000                       | 4,046     | 48.1    | 84.2            |
| 4500                       | 4,555     | 46.9    | 97.1            |

| EMERGENCY LUMEN OUTPUT |         |                |
|------------------------|---------|----------------|
| LUMENS                 | WATTAGE | INITIAL OUTPUT |
| 1000                   | 9.6     | 1000           |
| 1500                   | 9.6     | 1000           |
| 2000                   | 9.6     | 1000           |
| 2500                   | 9.6     | 1000           |
| 3000                   | 9.6     | 1000           |
| 3500                   | 9.6     | 1000           |
| 4000                   | 9.6     | 1000           |
| 4500                   | 9.6     | 1000           |

ACCESSORIES

ACCESSORIES order as separate catalog numbers (shipped separately)

- SCA6 Sloped ceiling adapter. Degree of slope must be specified (5D, 10D, 15D, 20D, 25D, 30D). Ex: SCA6 10D. Refer to TECH-190.
- CTA4-8 YK Ceiling thickness adapter (extends mounting frame to accommodate ceiling thickness up to 5"). Adds 1" to fixture height.
- GVRT Vandal-resistant trim accessory. Refer to TECH-200.
- ISD BC 0-10V wallbox dimmer. Refer to ISD-BC.

NOTES

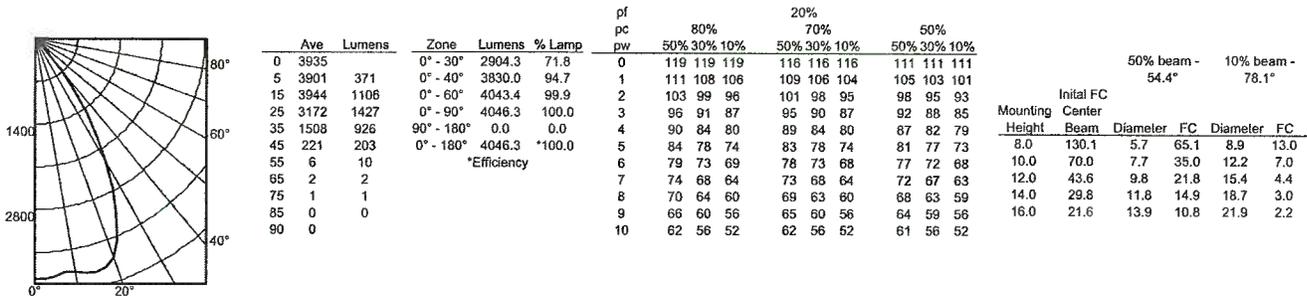
**ORDERING NOTES**

1. Not available with finishes.
2. Not available with EL or ELR options.
3. Refer to TECH-240 for compatible dimmers.
4. Not available with nLight® and XPoint options.
5. 120V only.
6. Specify 120V or 277V.
7. Not available with white reflector.
8. Not available with black reflector
9. For dimensional changes, refer to TECH-140. Not available with 347V.
10. For use with generator supply EM power. Will require an emergency hot feed and normal hot feed.
11. Available only with EL/ELR. Not available with CP. PSSD2 included. Refer to PSSD2.

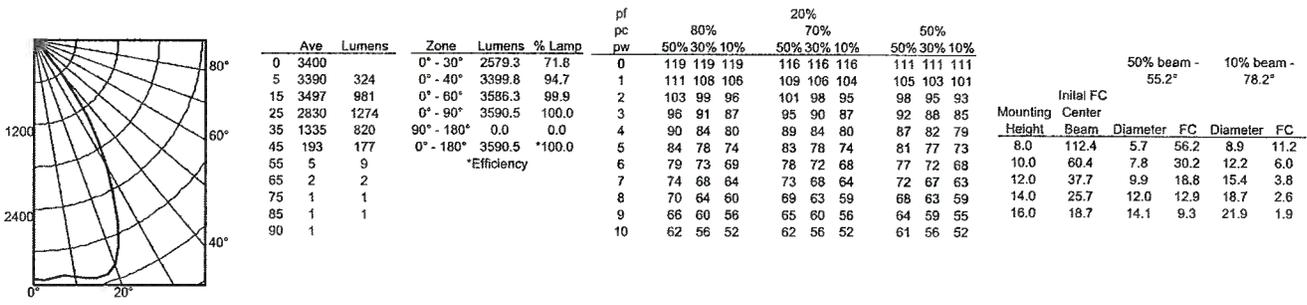
PHOTOMETRY

Distribution Curve    Distribution Data    Output Data    Coefficient of Utilization    Illuminance: Single Luminaire 30" Above Floor

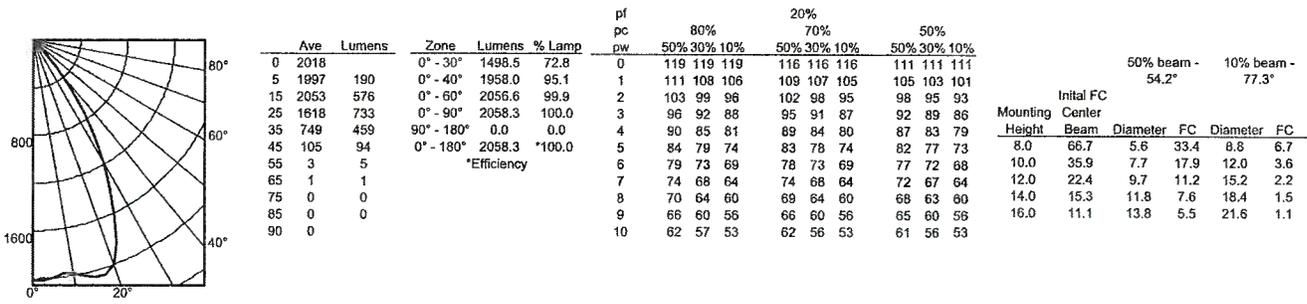
**EVO 35/40 6AR LS**    INPUT WATTS: 48.1, DELIVERED LUMENS: 4046, LM/W=84.1, 1.03 S/MH, TEST NO. LTL27768



**EVO 35/35 6AR LS**    INPUT WATTS: 42.1, DELIVERED LUMENS: 3591, LM/W=85.3, 1.05 S/MH, TEST NO. LTL27767



**EVO 35/20 6AR LS**    INPUT WATTS: 23.2, DELIVERED LUMENS: 2058, LM/W=88.7, 1.02 S/MH, TEST NO. LTL27777



| LUMEN OUTPUT MULTIPLIER - CRI |        |
|-------------------------------|--------|
| CRI                           | FACTOR |
| 80 CRI                        | 1      |
| 90 CRI                        | 0.79   |

| LUMEN OUTPUT MULTIPLIER - CCT |        |
|-------------------------------|--------|
| CRI                           | FACTOR |
| 4000 K                        | 1.035  |
| 3500 K                        | 1      |
| 3000 K                        | 0.973  |
| 2700 K                        | 0.938  |

| LUMEN OUTPUT MULTIPLIER - TRIM FINISH |            |             |             |           |                  |            |
|---------------------------------------|------------|-------------|-------------|-----------|------------------|------------|
| FINISH                                | CLEAR (AR) | PEWTER (PR) | WHEAT (WTR) | GOLD (GR) | WHITE (WR/WRAMF) | BLACK (BR) |
| Specular (LS)                         | 1.00       | 0.88        | 0.83        | 0.95      | N/A              | N/A        |
| Semi-specular (LSS)                   | 0.95       | 0.84        | 0.79        | 0.90      | N/A              | N/A        |
| Matte-diffuse (LD)                    | 0.85       | 0.73        | 0.69        | 0.80      | N/A              | N/A        |
| Paint                                 | N/A        | N/A         | N/A         | N/A       | 0.87             | 0.73       |

**PHOTOMETRY NOTES**

- Tested in accordance with IESNA LM-79-08.
- Tested to current IES and NEMA standards under stabilized laboratory conditions.
- CRI: 85 typical.



**Choose Wall Controls.**

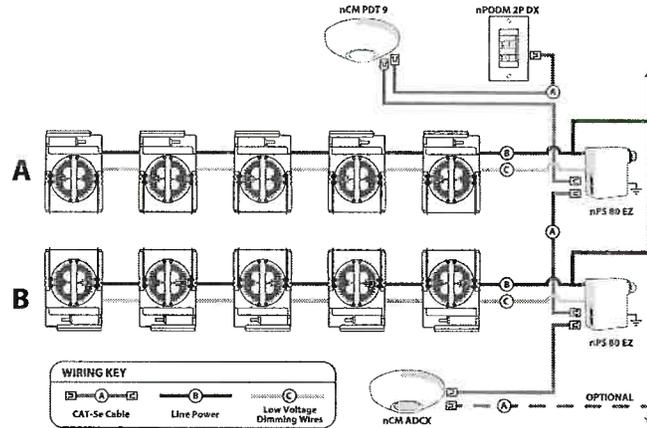
nLIGHT offers multiple styles of wall controls – each with varying features and user experience.



**Push-Button WallPod**  
Traditional tactile buttons and LED user feedback



**Graphic WallPod**  
Full color touch screen provides a sophisticated look and feel



**EXAMPLE**

Group Fixture Control\*

\*Application diagram applies for fixtures with eldoLED drivers only.

nPS 80 EZ Dimming/Control Pack (qty 2 required)

nPDM 2P DX Dual On/Off/Dim Push-Button WallPod

nCM ADCX Daylight Sensor with Automatic Dimming Control

nCM PDT 9 Dual Technology Occupancy Sensor

**Description:** This design provides a dual on/off/dim wall station that enables manual control of the fixtures in Row A and Row B separately. Additionally, a daylight harvesting sensor is provided so the lights in row B can be configured to dim automatically when daylight is available. An occupancy sensor turns off all lights when the space is vacant.

| nLight® Control Accessories:                                                                                                                                         |                  |                                              |                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------------------------------------|-----------------------------|
| <i>Order as separate catalog number. Visit <a href="http://www.sensorswitch.com/nLight">www.sensorswitch.com/nLight</a> for complete listing of nLight controls.</i> |                  |                                              |                             |
| WallPod stations                                                                                                                                                     | Model number     | Occupancy sensors                            | Model number                |
| On/Off                                                                                                                                                               | nPDM [color]     | Small motion 360°, ceiling (PIR / dual tech) | nCM 9 / nCM PDT 9           |
| On/Off & Raise/Lower                                                                                                                                                 | nPDM DX [color]  | Large motion 360°, ceiling (PIR / dual tech) | nCM 10 / nCM PDT 10         |
| Graphic Touchscreen                                                                                                                                                  | nPOD GFX [color] | Wide view (PIR / dual tech)                  | nWV 16 / nWV PDT 16         |
| Photocell controls                                                                                                                                                   | Model number     | Wall Switch w/ Raise/Lower (PIR / dual tech) | nWSX LV DX / nWSX PDT LV DX |
| Dimming                                                                                                                                                              | nCM ADCX         | <b>Cat-5 cables (plenum rated)</b>           | <b>Model number</b>         |
|                                                                                                                                                                      |                  | 10', CAT5 10FT                               | CAT5 10FT J1                |
|                                                                                                                                                                      |                  | 15', CAT5 15FT                               | CAT5 15FT J1                |



## Performance Data

### Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual wattage may differ by +/- 8% when operating between 120-480V +/- 10%.

| Light Engines | Drive Current (mA) | Performance Package | System Watts (MWOLTS) | Dist. Type | 40K (4000K, 70 CRI) |   |   |   |     |
|---------------|--------------------|---------------------|-----------------------|------------|---------------------|---|---|---|-----|
|               |                    |                     |                       |            | Nominal Lumens      | B | U | G | LPW |
| 1 (10 LEDs)   | 700                | 10A700/-K           | 24W                   | SR2        | 2,005               | 1 | 0 | 1 | 84  |
|               |                    |                     |                       | SR3        | 2,029               | 1 | 0 | 1 | 84  |
|               |                    |                     |                       | SR4        | 1,959               | 1 | 0 | 1 | 82  |
| 2 (20 LEDs)   | 700                | 10A700/-K           | 47W                   | SR2        | 3,944               | 1 | 0 | 1 | 84  |
|               |                    |                     |                       | SR3        | 4,028               | 1 | 0 | 1 | 86  |
|               |                    |                     |                       | SR4        | 3,851               | 1 | 0 | 1 | 82  |

1 See electrical load chart for 347/480V system watts.

### Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

| Ambient | Lumen Multiplier |
|---------|------------------|
| 0°C     | 1.10             |
| 10°C    | 1.06             |
| 20°C    | 1.02             |
| 25°C    | 1.00             |
| 30°C    | 0.98             |
| 40°C    | 0.92             |

### Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the WST LED 2 10A700 platform in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

| Operating Hours          | 0   | 25,000 | 50,000 | 100,000 |
|--------------------------|-----|--------|--------|---------|
| Lumen Maintenance Factor | 1.0 | 0.94   | 0.88   | 0.77    |

### Electrical Load

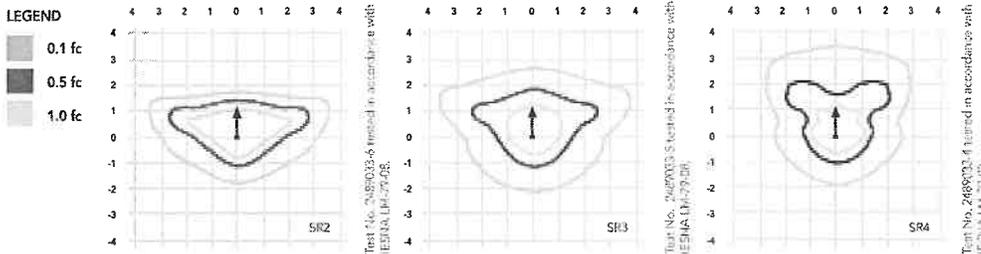
| Light Engines | Drive Current (mA) | System Watts     | Current (A) |      |      |      |      |      |
|---------------|--------------------|------------------|-------------|------|------|------|------|------|
|               |                    |                  | 120         | 208  | 240  | 277  | 347  | 480  |
| 1             | 700                | 24W              | 0.24        | 0.14 | 0.12 | 0.1  | -    | -    |
|               |                    | 29W <sup>1</sup> | -           | -    | -    | -    | 0.09 | 0.07 |
| 2             | 700                | 47W              | 0.44        | 0.27 | 0.23 | 0.20 | -    | -    |
|               |                    | 53W <sup>1</sup> | -           | -    | -    | -    | 0.17 | 0.12 |

1 Higher wattage is due to electrical losses from step-down transformer.

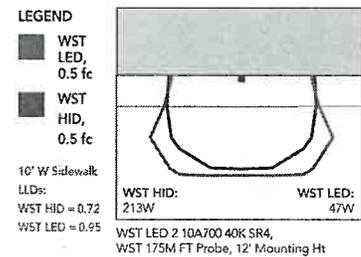
## Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's WST LED homepage.

Isofootcandle plots for the WST LED 2 10A700/40K SR2, SR3, and SR4. Distances are in units of mounting height (12').



Distribution overlay comparison to 175W metal halide.



## FEATURES & SPECIFICATIONS

### INTENDED USE

The classic architectural shape of the WST LED was designed for applications such as hospitals, schools, malls, restaurants, and commercial buildings. The long life LEDs and driver make this luminaire nearly maintenance-free.

### CONSTRUCTION

The single-piece die-cast aluminum housing integrates secondary heat sinks to optimize thermal transfer from the internal light engine heat sinks and promote long life. The driver is mounted in direct contact with the casting for a low operating temperature and long life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP65 rating for the luminaire.

### FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured finishes.

### OPTICS

Precision-molded acrylic lenses are engineered for superior distribution, uniformity, and spacing in wall-mount applications. Light engines are 4000K (70 CRI). The WST LED has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

### ELECTRICAL

Light engine(s) consist of 10 high-efficacy LEDs mounted to a metal core circuit board and integral aluminum heat sinks to maximize heat dissipation and promote long life (100,000 hrs at 25°C, L77). Class 2 electronic driver has a power factor >90%, THD <20%. Easily-serviceable surge protection device meets a minimum Category B (per ANSI/IEEE C62.41.2).

### INSTALLATION

A universal mounting plate with integral mounting support arms allows the fixture to hinge down for easy access while making wiring connections. The integral bubble level on the mounting plate provides assistance for level placement on every installation.

### LISTINGS

CSA certified to U.S. and Canadian standards. Light engines are IP65 rated; luminaire is IP65 rated and suitable for wet locations when mounted with the lenses down. WLU option offers wet location listing in "up" orientation. Rated for -30°C minimum ambient.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org](http://www.designlights.org) to confirm which versions are qualified.

### WARRANTY

Five year limited warranty. Full warranty terms located at [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx).

**Note:** Specifications subject to change without notice.





# D-Series Size 1 LED Area Luminaire



Catalog Number

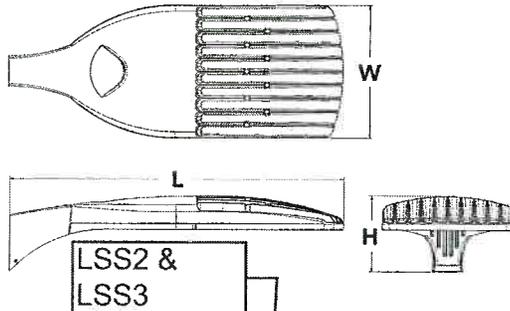
Notes ADDITION TO WOODWARD ES DELAWARE CITY SCHOOLS

Type LSS1, LSS2 AND LSS3

d#series

## Specifications

**EPA:** 1.2 ft<sup>2</sup> (0.11 m<sup>2</sup>)  
**Length:** 33" (83.8 cm)  
**Width:** 13" (33.0 cm)  
**Height:** 7-1/2" (19.0 cm)  
**Weight (max):** 27 lbs (12.2 kg)



## Introduction

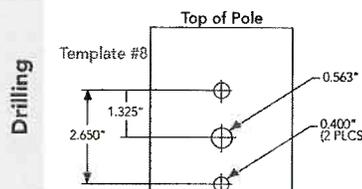
The modern styling of the D-Series is striking yet unobtrusive - making a bold, progressive statement even as it blends seamlessly with its environment.

The D-Series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire. The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. It is ideal for replacing 100 - 400W metal halide in pedestrian and area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

## Ordering Information

EXAMPLE: DSX1 LED 60C 1000 40K T3M MVOLT SPA DBBXD

| Series   | LEDs                      | Drive current                        | Color temperature       | Distribution              | Voltage            | Mounting                                                   | Control options                                                                | Other options                                 | Finish (required)                |                          |                                                                |                                         |
|----------|---------------------------|--------------------------------------|-------------------------|---------------------------|--------------------|------------------------------------------------------------|--------------------------------------------------------------------------------|-----------------------------------------------|----------------------------------|--------------------------|----------------------------------------------------------------|-----------------------------------------|
| DSX1 LED | Forward optics            | 530 530 mA                           | 30K 3000K (80 CRI min.) | T1S Type I short          | MVOLT <sup>2</sup> | Shipped included                                           | Shipped installed                                                              | Shipped installed                             | DDBXD Dark bronze                |                          |                                                                |                                         |
|          |                           | 700 700 mA                           |                         | T2S Type II short         | 120 <sup>2</sup>   |                                                            |                                                                                |                                               |                                  | SPA Square pole mounting | PER NEMA twist-lock receptacle only (no controls) <sup>5</sup> | HS House-side shield <sup>11</sup>      |
|          |                           | 1000 1000 mA (1 A)                   |                         | T2M Type II medium        | 208 <sup>2</sup>   |                                                            |                                                                                |                                               |                                  | RPA Round pole mounting  | DMG 0-10V dimming driver (no controls)                         | WTB Utility terminal block <sup>2</sup> |
|          | 40C 40 LEDs (two engines) | 40K 4000K (70 CRI min.) <sup>1</sup> | 50K 5000K (67 CRI)      | T3S Type III short        | 240 <sup>2</sup>   | WBA Wall bracket                                           | DCR Dimmable and controllable via ROAM <sup>®</sup> (no controls) <sup>4</sup> | SF Single fuse (120, 277, 347V) <sup>13</sup> | DNAXD Natural aluminum           |                          |                                                                |                                         |
|          |                           |                                      |                         | T3M Type III medium       | 277 <sup>2</sup>   | SPUMBA Square pole universal mounting adaptor <sup>4</sup> | DS Dual switching <sup>2,3</sup>                                               | DF Double fuse (208, 240, 480V) <sup>13</sup> | DWHXD White                      |                          |                                                                |                                         |
|          |                           |                                      |                         | T4M Type IV medium        | 347 <sup>2</sup>   |                                                            | PIR Motion sensor, 8-15' mounting height <sup>9</sup>                          | L90 Left rotated optics <sup>14</sup>         | DBBTD Textured dark bronze       |                          |                                                                |                                         |
|          | Rotated optics            | 60C 60 LEDs (two engines)            | LSS1                    | T4M Type IV medium        | 480 <sup>3</sup>   | RPUMBA Round pole universal mounting adaptor <sup>4</sup>  | PIRH Motion sensor, 15-30' mounting height <sup>9</sup>                        | R90 Right rotated optics <sup>14</sup>        | DBLXD Textured black             |                          |                                                                |                                         |
|          |                           |                                      |                         | TFTM Forward throw medium |                    |                                                            | BL30 Bi-level switched dimming, 30% <sup>8,10</sup>                            |                                               | DNATXD Textured natural aluminum |                          |                                                                |                                         |
|          |                           |                                      |                         | T5VS Type V very short    |                    |                                                            | BL50 Bi-level switched dimming, 50% <sup>8,10</sup>                            |                                               | DWHGXD Textured white            |                          |                                                                |                                         |
|          | 60C 60 LEDs (two engines) | LSS1                                 | T5S Type V short        |                           |                    |                                                            |                                                                                |                                               |                                  |                          |                                                                |                                         |
|          |                           |                                      | T5M Type V medium       |                           |                    |                                                            |                                                                                |                                               |                                  |                          |                                                                |                                         |
|          |                           |                                      | T5W Type V wide         |                           |                    |                                                            |                                                                                |                                               |                                  |                          |                                                                |                                         |



DSX1 shares a unique drilling pattern with the AERIS™ family. Specify this drilling pattern when specifying poles, per the table below.

|        |             |        |             |
|--------|-------------|--------|-------------|
| DM19AS | Single unit | DM29AS | 2 at 90°*   |
| DM28AS | 2 at 180°   | DM39AS | 3 at 90°*   |
| DM49AS | 4 at 90°**  | DM32AS | 3 at 120°** |

Example: SSA 20 4C DM19AS DBBXD

Visit Lithonia Lighting's POLES CENTRAL to see our wide selection of poles, accessories and educational tools.

\*Round pole top must be 3.25" O.D. minimum.  
 \*\*For round pole mounting (RPA) only.

- ### NOTES
- Configured with 4000K (40K) provides the shortest lead times. Consult factory for 3000K (30K) and 5000K (50K) lead times.
  - MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options).
  - Not available with single board, 530mA product (30C 530, or 60C 530 DS). Not available with DCR, BL30 or BL50.
  - Available as a separate combination accessory: PUMBA (finish) U.
  - Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Not available with DS option.
  - Specifies a ROAM<sup>®</sup> enabled luminaire with 0-10V dimming capability; PER option required. Not available with 347 or 480V. Additional hardware and services required for ROAM<sup>®</sup> deployment; must be purchased separately. Call 1-800-442-6745 or email: sales@roamservices.net. N/A with BL30, BL50, DS, PIR or PIRH.
  - Requires 40C or 60C. Provides 50/50 luminaire operation via two independent drivers on two separate circuits. N/A with PER, DCR, WTB, PIR, or PIRH.
  - Requires an additional switched circuit.
  - PIR specifies the Sensor Switch SEGH-10-CDP control; PIRH specifies the Sensor Switch SBGR-6-CDP control; see Motion Sensor Guide for details. Dimming driver standard. Not available with DCR.
  - Dimming driver standard. MVOLT only. Not available with DCR.
  - Also available as a separate accessory; see Accessories information.
  - WTB not available with DS.
  - Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
  - Available with 60 LEDs (60C option) only.
  - Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item from Acuity Brands Control.

- ### Accessories
- Ordered and shipped separately.
- DLL127F 1.5 JU Photocell - SSL twist-lock (120-277V)<sup>15</sup>
  - DLL347F 1.5 CUL JU Photocell - SSL twist-lock (347V)<sup>15</sup>
  - DLL480F 1.5 CUL JU Photocell - SSL twist-lock (480V)<sup>15</sup>
  - SCU Shorting cap<sup>15</sup>
  - DSX1HS 30CU House-side shield for 30 LED unit
  - DSX1HS 40CU House-side shield for 40 LED unit
  - DSX1HS 60CU House-side shield for 60 LED unit
  - PUMBA DBBXD U\* Square and round pole universal mounting bracket adaptor (specify finish)

### Tenon Mounting Slipfitter \*\*

| Slipfitter | AST20-190 | AST20-280 | N/A       | N/A       | N/A       |
|------------|-----------|-----------|-----------|-----------|-----------|
| 2-3/8"     | AST25-190 | AST25-280 | N/A       | AST35-320 | N/A       |
| 4"         | AST35-190 | AST35-280 | AST35-290 | AST35-320 | AST35-480 |

For more control options, visit DTL and RPA online.



## Performance Data

### Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application. Actual wattage may differ by +/- 8% when operating between 120-480V +/-10%. Contact factory for performance data on any configurations not shown here.

| LEDs             | Drive Current (mA) | Performance Package | System Watts | Dist. Type | 30K<br>(3000K, 80 minimum CRI) |        |        |   |     | 40K<br>(4000K, 70 minimum CRI) |        |        |   |     | 50K<br>(5000K, 67 CRI) |     |   |   |     |
|------------------|--------------------|---------------------|--------------|------------|--------------------------------|--------|--------|---|-----|--------------------------------|--------|--------|---|-----|------------------------|-----|---|---|-----|
|                  |                    |                     |              |            | Lumen                          | P      | U      | G | LPW | Lumen                          | P      | U      | G | LPW | Lumen                  | P   | U | G | LPW |
|                  |                    |                     |              |            |                                |        |        |   |     |                                |        |        |   |     |                        |     |   |   |     |
| 30C<br>(30 LEDs) | 700 mA             | 30C 700-K           | 68 W         | T1S        | 5,290                          | 1      | 0      | 1 | 78  | 6,524                          | 2      | 0      | 2 | 96  | 7,053                  | 2   | 0 | 2 | 104 |
|                  |                    |                     |              | T2S        | 5,540                          | 1      | 0      | 1 | 81  | 6,833                          | 2      | 0      | 2 | 100 | 7,387                  | 2   | 0 | 2 | 109 |
|                  |                    |                     |              | T2M        | 5,360                          | 1      | 0      | 2 | 79  | 6,611                          | 2      | 0      | 2 | 97  | 7,147                  | 2   | 0 | 2 | 105 |
|                  |                    |                     |              | T3S        | 5,479                          | 1      | 0      | 1 | 81  | 6,757                          | 1      | 0      | 2 | 99  | 7,305                  | 2   | 0 | 2 | 107 |
|                  |                    |                     |              | T3M        | 5,452                          | 1      | 0      | 2 | 80  | 6,724                          | 2      | 0      | 2 | 99  | 7,269                  | 2   | 0 | 2 | 107 |
|                  |                    |                     |              | T4M        | 5,461                          | 1      | 0      | 2 | 80  | 6,736                          | 2      | 0      | 2 | 99  | 7,282                  | 2   | 0 | 2 | 107 |
|                  |                    |                     |              | TFTM       | 5,378                          | 1      | 0      | 2 | 79  | 6,633                          | 1      | 0      | 2 | 98  | 7,171                  | 1   | 0 | 2 | 105 |
|                  |                    |                     |              | TSVS       | 5,708                          | 2      | 0      | 0 | 84  | 7,040                          | 3      | 0      | 0 | 104 | 7,611                  | 3   | 0 | 1 | 112 |
|                  |                    |                     |              | TSS        | 5,639                          | 2      | 0      | 0 | 83  | 6,955                          | 2      | 0      | 0 | 102 | 7,519                  | 3   | 0 | 0 | 111 |
|                  | TSM                | 5,710               | 3            | 0          | 1                              | 84     | 7,042  | 3 | 0   | 1                              | 104    | 7,613  | 3 | 0   | 2                      | 112 |   |   |     |
|                  | TSW                | 5,551               | 3            | 0          | 1                              | 82     | 6,847  | 3 | 0   | 2                              | 101    | 7,401  | 3 | 0   | 2                      | 109 |   |   |     |
|                  | T1S                | 7,229               | 2            | 0          | 2                              | 69     | 9,168  | 2 | 0   | 2                              | 87     | 9,874  | 2 | 0   | 2                      | 94  |   |   |     |
|                  | T2S                | 7,572               | 2            | 0          | 2                              | 72     | 9,603  | 2 | 0   | 2                              | 91     | 10,342 | 2 | 0   | 2                      | 98  |   |   |     |
|                  | T2M                | 7,325               | 2            | 0          | 2                              | 70     | 9,291  | 2 | 0   | 2                              | 88     | 10,005 | 2 | 0   | 3                      | 95  |   |   |     |
|                  | T3S                | 7,488               | 2            | 0          | 2                              | 71     | 9,496  | 2 | 0   | 2                              | 90     | 10,227 | 2 | 0   | 2                      | 97  |   |   |     |
|                  | T3M                | 7,457               | 2            | 0          | 2                              | 71     | 9,450  | 2 | 0   | 2                              | 90     | 10,177 | 2 | 0   | 2                      | 97  |   |   |     |
|                  | T4M                | 7,464               | 2            | 0          | 2                              | 71     | 9,467  | 2 | 0   | 2                              | 90     | 10,195 | 2 | 0   | 2                      | 97  |   |   |     |
|                  | TFTM               | 7,351               | 1            | 0          | 2                              | 70     | 9,323  | 2 | 0   | 2                              | 89     | 10,040 | 2 | 0   | 3                      | 96  |   |   |     |
| TSVS             | 7,801              | 3                   | 0            | 1          | 74                             | 9,894  | 3      | 0 | 1   | 94                             | 10,655 | 3      | 0 | 1   | 101                    |     |   |   |     |
| TSS              | 7,803              | 3                   | 0            | 2          | 74                             | 9,774  | 3      | 0 | 1   | 93                             | 10,526 | 3      | 0 | 1   | 100                    |     |   |   |     |
| TSM              | 7,707              | 3                   | 0            | 0          | 73                             | 9,897  | 3      | 0 | 2   | 94                             | 10,658 | 4      | 0 | 2   | 102                    |     |   |   |     |
| TSW              | 7,586              | 3                   | 0            | 2          | 72                             | 9,671  | 4      | 0 | 2   | 92                             | 10,363 | 4      | 0 | 2   | 99                     |     |   |   |     |
| 40C<br>(40 LEDs) | 700 mA             | 40C 700-K           | 89 W         | T1S        | 6,876                          | 2      | 0      | 2 | 77  | 8,639                          | 2      | 0      | 2 | 97  | 9,345                  | 2   | 0 | 2 | 105 |
|                  |                    |                     |              | T2S        | 7,202                          | 2      | 0      | 2 | 81  | 9,049                          | 2      | 0      | 2 | 102 | 9,788                  | 2   | 0 | 2 | 110 |
|                  |                    |                     |              | T2M        | 6,968                          | 2      | 0      | 2 | 78  | 8,755                          | 2      | 0      | 2 | 98  | 9,469                  | 2   | 0 | 3 | 106 |
|                  |                    |                     |              | T3S        | 7,122                          | 2      | 0      | 2 | 80  | 8,948                          | 2      | 0      | 2 | 101 | 9,679                  | 2   | 0 | 2 | 109 |
|                  |                    |                     |              | T3M        | 7,088                          | 2      | 0      | 2 | 80  | 8,905                          | 2      | 0      | 2 | 100 | 9,632                  | 2   | 0 | 2 | 108 |
|                  |                    |                     |              | T4M        | 7,100                          | 2      | 0      | 2 | 80  | 8,920                          | 2      | 0      | 2 | 100 | 9,649                  | 2   | 0 | 2 | 108 |
|                  |                    |                     |              | TFTM       | 6,992                          | 1      | 0      | 2 | 79  | 8,785                          | 2      | 0      | 2 | 99  | 9,502                  | 2   | 0 | 2 | 107 |
|                  |                    |                     |              | TSVS       | 7,421                          | 3      | 0      | 0 | 83  | 9,323                          | 3      | 0      | 1 | 105 | 10,085                 | 3   | 0 | 1 | 113 |
|                  |                    |                     |              | TSS        | 7,331                          | 2      | 0      | 0 | 82  | 9,210                          | 3      | 0      | 1 | 103 | 9,962                  | 3   | 0 | 1 | 112 |
|                  | TSM                | 7,423               | 3            | 0          | 2                              | 83     | 9,326  | 3 | 0   | 2                              | 105    | 10,087 | 4 | 0   | 2                      | 113 |   |   |     |
|                  | TSW                | 7,216               | 3            | 0          | 2                              | 81     | 9,066  | 4 | 0   | 2                              | 102    | 9,807  | 4 | 0   | 2                      | 110 |   |   |     |
|                  | T1S                | 9,521               | 2            | 0          | 2                              | 69     | 11,970 | 2 | 0   | 2                              | 87     | 12,871 | 3 | 3   | 0                      | 93  |   |   |     |
|                  | T2S                | 9,972               | 2            | 0          | 2                              | 72     | 12,558 | 3 | 0   | 3                              | 91     | 13,481 | 3 | 0   | 3                      | 98  |   |   |     |
|                  | T2M                | 9,648               | 2            | 0          | 3                              | 70     | 12,149 | 3 | 0   | 3                              | 88     | 13,043 | 3 | 0   | 3                      | 95  |   |   |     |
|                  | T3S                | 9,862               | 2            | 0          | 2                              | 71     | 12,418 | 2 | 0   | 2                              | 90     | 13,331 | 2 | 0   | 2                      | 97  |   |   |     |
|                  | T3M                | 9,814               | 2            | 0          | 2                              | 71     | 12,358 | 3 | 0   | 3                              | 90     | 13,267 | 3 | 0   | 3                      | 96  |   |   |     |
|                  | T4M                | 9,831               | 2            | 0          | 2                              | 71     | 12,379 | 2 | 0   | 3                              | 90     | 13,290 | 2 | 0   | 3                      | 96  |   |   |     |
|                  | TFTM               | 9,681               | 2            | 0          | 2                              | 70     | 12,191 | 2 | 0   | 3                              | 88     | 13,087 | 2 | 0   | 3                      | 95  |   |   |     |
| TSVS             | 10,275             | 3                   | 0            | 1          | 74                             | 12,937 | 3      | 0 | 1   | 94                             | 13,890 | 4      | 0 | 1   | 101                    |     |   |   |     |
| TSS              | 10,150             | 3                   | 0            | 1          | 74                             | 12,782 | 3      | 0 | 1   | 93                             | 13,721 | 3      | 0 | 1   | 99                     |     |   |   |     |
| TSM              | 10,278             | 4                   | 0            | 2          | 74                             | 12,942 | 4      | 0 | 2   | 94                             | 13,894 | 4      | 0 | 2   | 101                    |     |   |   |     |
| TSW              | 9,991              | 4                   | 0            | 2          | 72                             | 12,582 | 4      | 0 | 2   | 91                             | 13,507 | 4      | 0 | 2   | 98                     |     |   |   |     |
| 60C<br>(60 LEDs) | 700 mA             | 60C 700-K           | 131 W        | T1S        | 10,226                         | 2      | 0      | 2 | 78  | 12,871                         | 3      | 0      | 3 | 98  | 13,929                 | 3   | 0 | 3 | 106 |
|                  |                    |                     |              | T2S        | 10,711                         | 2      | 0      | 2 | 82  | 13,481                         | 3      | 0      | 3 | 103 | 14,589                 | 3   | 0 | 3 | 111 |
|                  |                    |                     |              | T2M        | 10,363                         | 2      | 0      | 3 | 79  | 13,043                         | 3      | 0      | 3 | 100 | 14,115                 | 3   | 0 | 3 | 108 |
|                  |                    |                     |              | T3S        | 10,592                         | 2      | 0      | 2 | 81  | 13,331                         | 2      | 0      | 2 | 102 | 14,427                 | 3   | 0 | 3 | 110 |
|                  |                    |                     |              | T3M        | 10,541                         | 2      | 0      | 2 | 80  | 13,267                         | 3      | 0      | 3 | 101 | 14,357                 | 3   | 0 | 3 | 110 |
|                  |                    |                     |              | T4M        | 10,559                         | 2      | 0      | 2 | 81  | 13,290                         | 2      | 0      | 3 | 101 | 14,382                 | 3   | 0 | 3 | 110 |
|                  |                    |                     |              | TFTM       | 10,398                         | 2      | 0      | 3 | 79  | 13,087                         | 2      | 0      | 3 | 100 | 14,163                 | 2   | 0 | 3 | 108 |
|                  |                    |                     |              | TSVS       | 11,036                         | 3      | 0      | 1 | 84  | 13,890                         | 4      | 0      | 4 | 106 | 15,032                 | 4   | 0 | 1 | 115 |
|                  |                    |                     |              | TSS        | 10,902                         | 3      | 0      | 1 | 83  | 13,721                         | 3      | 0      | 1 | 105 | 14,849                 | 4   | 0 | 1 | 113 |
|                  | TSM                | 11,039              | 4            | 0          | 2                              | 84     | 13,894 | 4 | 0   | 2                              | 106    | 15,036 | 4 | 0   | 2                      | 115 |   |   |     |
|                  | TSW                | 10,732              | 4            | 0          | 2                              | 82     | 13,507 | 4 | 0   | 2                              | 103    | 14,617 | 4 | 0   | 2                      | 112 |   |   |     |
|                  | T1S                | 14,017              | 3            | 0          | 3                              | 67     | 17,632 | 3 | 0   | 3                              | 84     | 19,007 | 3 | 0   | 3                      | 91  |   |   |     |
|                  | T2S                | 14,681              | 3            | 0          | 3                              | 70     | 18,467 | 3 | 0   | 3                              | 88     | 19,908 | 3 | 0   | 3                      | 95  |   |   |     |
|                  | T2M                | 14,204              | 3            | 0          | 3                              | 68     | 17,867 | 3 | 0   | 3                              | 85     | 19,260 | 3 | 0   | 3                      | 92  |   |   |     |
|                  | T3S                | 14,518              | 3            | 0          | 3                              | 69     | 18,262 | 3 | 0   | 3                              | 87     | 19,687 | 3 | 0   | 3                      | 94  |   |   |     |
|                  | T3M                | 14,448              | 3            | 0          | 3                              | 69     | 18,173 | 3 | 0   | 4                              | 87     | 19,591 | 3 | 0   | 4                      | 94  |   |   |     |
|                  | T4M                | 14,473              | 3            | 0          | 3                              | 69     | 18,205 | 3 | 0   | 3                              | 87     | 19,625 | 3 | 0   | 4                      | 94  |   |   |     |
|                  | TFTM               | 14,253              | 2            | 0          | 3                              | 68     | 17,928 | 3 | 0   | 4                              | 86     | 19,326 | 3 | 0   | 4                      | 92  |   |   |     |
| TSVS             | 15,127             | 4                   | 0            | 1          | 72                             | 19,028 | 4      | 0 | 1   | 91                             | 20,512 | 4      | 0 | 1   | 98                     |     |   |   |     |
| TSS              | 14,943             | 4                   | 0            | 1          | 71                             | 18,797 | 4      | 0 | 1   | 90                             | 20,263 | 4      | 0 | 1   | 97                     |     |   |   |     |
| TSM              | 15,131             | 4                   | 0            | 2          | 72                             | 19,033 | 4      | 0 | 2   | 91                             | 20,517 | 5      | 0 | 3   | 98                     |     |   |   |     |
| TSW              | 14,710             | 4                   | 0            | 2          | 70                             | 18,503 | 5      | 0 | 3   | 89                             | 19,946 | 5      | 0 | 3   | 95                     |     |   |   |     |



## Performance Data

### Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

| Ambient      | Lumen Multiplier |
|--------------|------------------|
| 0°C / 32°F   | 1.02             |
| 10°C / 50°F  | 1.01             |
| 20°C / 68°F  | 1.00             |
| 25°C / 77°F  | 1.00             |
| 30°C / 86°F  | 1.00             |
| 40°C / 104°F | 0.99             |

### Electrical Load

| Number of LEDs | Drive Current (mA) | % System Watts | Current (A) |      |      |      |      |      |
|----------------|--------------------|----------------|-------------|------|------|------|------|------|
|                |                    |                | 120         | 208  | 240  | 277  | 347  | 480  |
| 30             | 530                | 52             | 0.52        | 0.30 | 0.26 | 0.23 | —    | —    |
|                | 700                | 68             | 0.68        | 0.39 | 0.34 | 0.30 | 0.24 | 0.17 |
|                | 1000               | 105            | 1.03        | 0.59 | 0.51 | 0.45 | 0.36 | 0.26 |
| 40             | 530                | 68             | 0.67        | 0.39 | 0.34 | 0.29 | 0.23 | 0.17 |
|                | 700                | 89             | 0.89        | 0.51 | 0.44 | 0.38 | 0.31 | 0.22 |
|                | 1000               | 138            | 1.35        | 0.78 | 0.67 | 0.58 | 0.47 | 0.34 |
| 60             | 530                | 99             | 0.97        | 0.56 | 0.48 | 0.42 | 0.34 | 0.24 |
|                | 700                | 131            | 1.29        | 0.74 | 0.65 | 0.56 | 0.45 | 0.32 |
|                | 1000               | 209            | 1.98        | 1.14 | 0.99 | 0.86 | 0.69 | 0.50 |

### Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

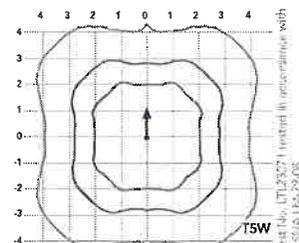
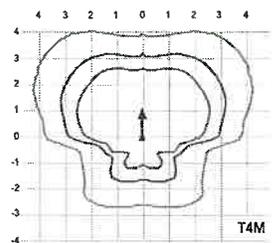
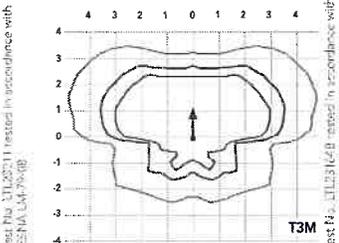
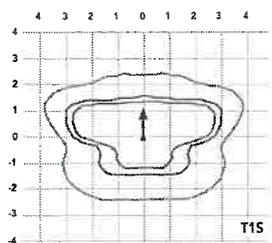
| Operating Hours          | 0                 | 25,000 | 50,000 | 100,000 |
|--------------------------|-------------------|--------|--------|---------|
| Lumen Maintenance Factor | DSX1 LED 60C 1000 |        |        |         |
|                          | 1.0               | 0.95   | 0.93   | 0.88    |
|                          | DSX1 LED 60C 700  |        |        |         |
|                          | 1.0               | 0.99   | 0.98   | 0.96    |

## Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's D-Series Area Size 1 homepage.

Isfootcandle plots for the DSX1 LED 60C 1000 40K. Distances are in units of mounting height (20').

#### LEGEND



## FEATURES & SPECIFICATIONS

#### INTENDED USE

The sleek design of the D-Series Size 1 reflects the embedded high performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and streetscapes.

#### CONSTRUCTION

Single-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance and future light engine upgrades. The LED driver is mounted in direct contact with the casting to promote low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65). Low EPA (1.2 ft) for optimized pole wind loading.

#### FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in both textured and non-textured finishes.

#### OPTICS

Precision-molded proprietary acrylic lenses are engineered for superior area lighting distribution, uniformity, and pole spacing. Light engines are available in standard 4000K (70 minimum CRI) or optional 3000K (80 minimum CRI) or 5000K (67 CRI) configurations. The D-Series Size 1 has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

#### ELECTRICAL

Light engine configurations consist of 30, 40 or 60 high-efficiency LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L96/100,000 hours at 25°C). Class 1 electronic drivers are designed to have a power factor >90%, THD <20%, and an

expected life of 100,000 hours with <1% failure rate. Easily serviceable 10kV or 6kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

#### INSTALLATION

Included mounting block and integral arm facilitate quick and easy installation. Stainless steel bolts fasten the mounting block securely to poles and walls, enabling the D-Series Size 1 to withstand up to a 3.0 G vibration load rating per ANSI C136.31. The D-Series Size 1 utilizes the AERIS™ series pole drilling pattern. Optional terminal block, tool-less entry, and NEMA photocontrol receptacle are also available.

#### LISTINGS

CSA certified to U.S. and Canadian standards. Light engines are IP66 rated; luminaire is IP65 rated. Rated for -40°C minimum ambient. U.S. Patent No. D672,492 S. International patent pending.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org](http://www.designlights.org) to confirm which versions are qualified.

#### WARRANTY

Five-year limited warranty. Full warranty terms located at: [www.acuitybrands.com/customer-service/faq\\_and\\_conditions.aspx](http://www.acuitybrands.com/customer-service/faq_and_conditions.aspx)

**Note:** Specifications subject to change without notice.





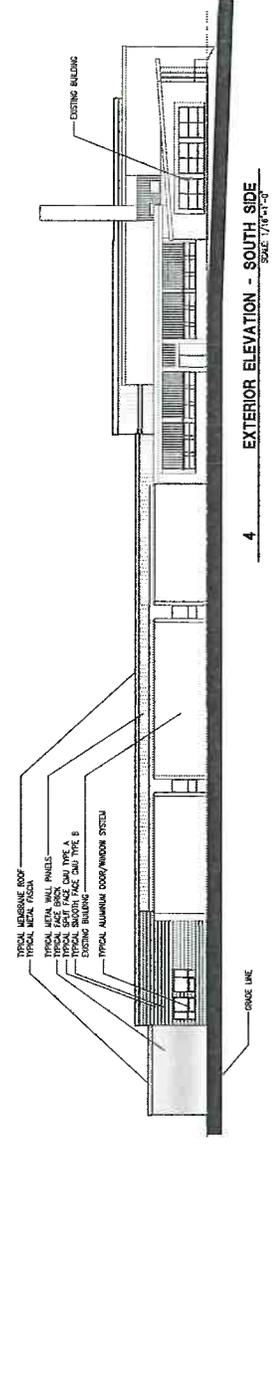
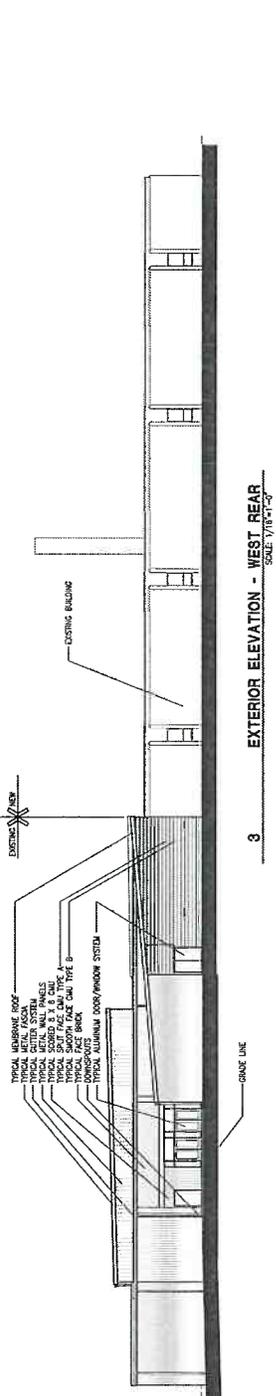
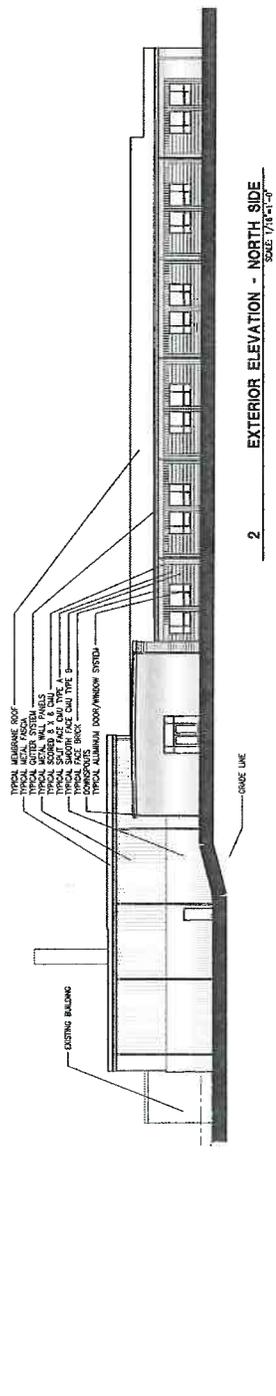
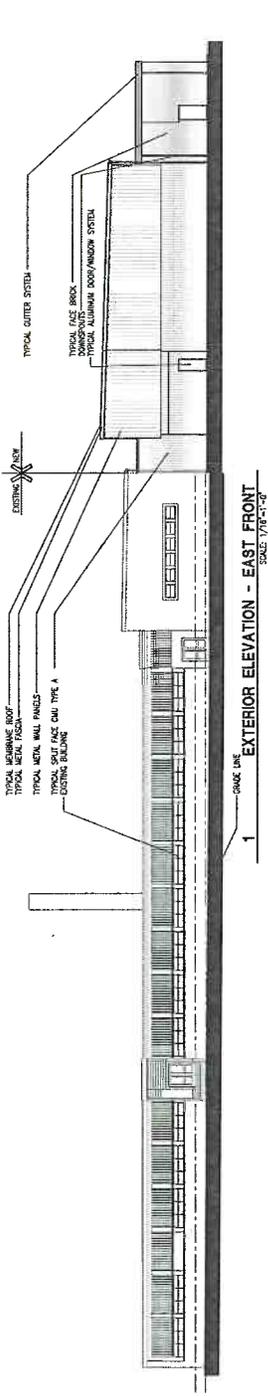


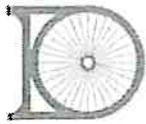


ADDITON & RENOVATIONS TO  
WOODWARD ELEMENTARY SCHOOL  
FOR  
DELAWARE CITY SCHOOLS  
DELAWARE, OHIO

**FANNING HOWEY**  
614.764.4661 www.fh.com  
**Mannik Smith Group**  
TECHNICAL SERVICE  
www.MannikSmithGroup.com

|                     |                    |
|---------------------|--------------------|
| BUILDING ELEVATIONS |                    |
| DATE: MAY 4, 2015   | REVISIONS NO. DATE |
| COMD. NO. 2/25/14   |                    |
| A3:1                |                    |





**CITY OF DELAWARE, OHIO  
PLANNING & COMMUNITY DEVELOPMENT  
MASTER APPLICATION FORM**



Project # \_\_\_\_\_ Case # \_\_\_\_\_

Planning Commission

- |                                                                                   |                                                           |                                                                           |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------------------------|
| <input type="checkbox"/> Amended Final Development Plan                           | <input type="checkbox"/> Final Development Plan Extension | <input type="checkbox"/> Substitution of a Non-Conforming Use             |
| <input type="checkbox"/> Amended Final Subdivision Plat                           | <input type="checkbox"/> Final Subdivision Plat           | <input type="checkbox"/> Vacation-Alley                                   |
| <input type="checkbox"/> Amended Preliminary Development Plan                     | <input type="checkbox"/> Final Subdivision Plat Extension | <input type="checkbox"/> Vacation-Easement                                |
| <input type="checkbox"/> Amended Preliminary Subdivision Plat                     | <input type="checkbox"/> Floodplain Permit                | <input type="checkbox"/> Vacation-Street                                  |
| <input type="checkbox"/> Annexation Review                                        | <input type="checkbox"/> Lot Split                        | <b>Board of Zoning Appeals</b>                                            |
| <input checked="" type="checkbox"/> Combined Preliminary & Final Development Plan | <input type="checkbox"/> Pre-annexation Agreement         | <input type="checkbox"/> Appeal Administrative Decision or Interpretation |
| <input type="checkbox"/> Comprehensive Plan Amendment                             | <input type="checkbox"/> Preliminary Development Plan     | <input type="checkbox"/> Conditional Use Permit                           |
| <input type="checkbox"/> Concept Plan                                             | <input type="checkbox"/> Preliminary Dev Plan Extension   | <input type="checkbox"/> Substitution of Equal or Less Non-Conforming Use |
| <input type="checkbox"/> Conditional Use Permit                                   | <input type="checkbox"/> Preliminary Sub Plat             | <input type="checkbox"/> Variance                                         |
| <input type="checkbox"/> Determination of Similar Use                             | <input type="checkbox"/> Preliminary Sub Plat Extension   |                                                                           |
| <input type="checkbox"/> Development Plan Exemption                               | <input type="checkbox"/> Rezoning                         |                                                                           |
| <input type="checkbox"/> Final Development Plan                                   | <input type="checkbox"/> Subdivision Variance             |                                                                           |

Subdivision/Project Name Additions/Renovations - Woodward Elementary School Address 200 S Washington Street Delaware, OH 43015  
 Ex=39,529  
 Acreage 4.55 Square Footage Add=23,938 Number of Lots N/A Number of Units N/A  
 Zoning District/Land Use R-3/Public School Proposed Zoning/Land Use R-3/Public School Parcel # 51943314001000 - 51943314006000  
99999914000000, 88888814000000

Applicant Name Delaware City Schools Contact Person Jason Sherman

Applicant Address 621 Pennsylvania Ave., Delaware, OH 43015

Phone 740-272-1429 Fax 740-833-1898 E-mail shermaja@delawarecityschools.net

Owner Name Delaware City Schools Contact Person Jason Sherman

Owner Address 621 Pennsylvania Ave., Delaware, OH 43015

Phone 740-272-1429 Fax 740-833-1898 E-mail shermaja@delawarecityschools.net

Engineer/Architect/Attorney Fanning Howey Contact Person Jim Moll

Address 4930 Bradenton Ave., Dublin, OH 43017

Phone 614-764-4661 Fax \_\_\_\_\_ E-mail jmoll@fhai.com

The undersigned, do hereby verify the truth and correctness of all facts and information presented with this application and authorize field inspections by City Staff.

Jason Sherman  
Owner Signature

Jason Sherman  
Owner Printed Name

\_\_\_\_\_  
Agent Signature

\_\_\_\_\_  
Agent Printed Name

Sworn to before me and subscribed in my presence this 7th day of July, 2015



**MONIKA RAY**  
NOTARY PUBLIC  
STATE OF OHIO  
Notary Seal Expires  
12/1/15  
Recorded in  
Delaware County

Monika Ray  
Notary Public



## FACT SHEET

---

AGENDA ITEM NO: 15

DATE: 8/24/15

ORDINANCE NO: 15-77

RESOLUTION NO:

READING: SECOND

PUBLIC HEARING: NO

---

TO: Mayor and Members of City Council

FROM: R. Thomas Homan, City Manager

VIA: David Efland, Planning and Community Development Director

---

**TITLE OF PROPOSED ORDINANCE/RESOLUTION:**

AN ORDINANCE APPROVING A COMBINED PRELIMINARY AND FINAL DEVELOPMENT PLAN FOR DELAWARE CITY SCHOOLS FOR AN ADDITION, RENOVATION AND SITE IMPROVEMENTS FOR WOODWARD ELEMENTARY SCHOOL ON APPROXIMATELY 4.55 ACRES ZONED R-4 (MEDIUM DENSITY RESIDENTIAL DISTRICT) AND LOCATED AT 200 SOUTH WASHINGTON STREET

**BACKGROUND:**

The 36,144 square foot elementary school building was constructed in 1950 and was remodeled in 1985. Now the School District is proposing a 23,355 square foot addition to the existing school for a total square footage of 59,499. The academic and gymnasium/student dining addition would be on the northern portion of the building. Just north of the addition would be a new private entrance road from Liberty Street that would accommodate bus traffic only while the existing parent drop-off drive along Washington Street would be extended to enhance safety in this area. Northeast of the new entrance road would be a new 56 space parking lot that would be accessed from Washington Street to serve the staff and events. The existing 54 space parking lot just east of Washington Street would remain.

**REASON WHY LEGISLATION IS NEEDED:**

N/A

**COMMITTEE RECOMMENDATION:**

Planning Commission approved this case 6-0 on August 5, 2015.

**FISCAL IMPACT(S):**

N/A

**POLICY CHANGES:**

N/A

**PRESENTER(S):**

David Efland, Planning and Community Development Director

**RECOMMENDATION:**

Staff recommends approval as submitted.

**ATTACHMENT(S)**

ORDINANCE NO. 15-77

AN ORDINANCE APPROVING A COMBINED PRELIMINARY AND FINAL DEVELOPMENT PLAN FOR DELAWARE CITY SCHOOLS FOR AN ADDITION, RENOVATION AND SITE IMPROVEMENTS FOR WOODWARD ELEMENTARY SCHOOL ON APPROXIMATELY 4.55 ACRES ZONED R-4 (MEDIUM DENSITY RESIDENTIAL DISTRICT) AND LOCATED AT 200 SOUTH WASHINGTON STREET

WHEREAS, the Planning Commission at its meeting of August 5, 2015, recommended approval of a Combined Preliminary and Final Development Plan for Delaware City Schools for an Addition, Renovation and Site Improvements for Woodward Elementary School on approximately 4.55 acres zoned R-4 (Medium Density Residential District) and located at 200 South Washington Street (PC Case 2015-1307), and

NOW THEREFORE, BE IT ORDAINED by the Council of the City of Delaware, State of Ohio:

SECTION 1. That the Combined Preliminary and Final Development Plan for Delaware City Schools for an Addition, Renovation and Site Improvements for Woodward Elementary School on approximately 4.55 acres zoned R-4 (Medium Density Residential District) and located at 200 South Washington Street and is hereby confirmed, approved, and accepted, with the following conditions that:

1. The applicant needs to obtain engineering approvals, including any storm water and utility issues that need to be worked out through the Engineering and Utilities Departments. All comments regarding the layout and details of the project are preliminary and subject to modification or change based on the final technical review by the Engineering Department once a complete plan set is submitted for review.
2. All building appurtenances (coping, downspouts, etc.) shall be painted to match the adjacent building material color.
3. Any new roof top mechanical equipment shall be screened from public view.
4. Front yard trees shall be installed along Liberty Street just south of the new entrance road south to the existing playground.
5. Street trees to supplement the existing street trees shall be installed along Liberty, Washington and Harrison Streets per the Parks and Natural Resource Department.
6. The landscape plans shall be reviewed and approved by the Shade Tree Commission.

7. The lighting plan shall be reviewed and approved by the Chief Building Official.

SECTION 2. This Council finds and determines that all formal actions of this Council and any of its committees concerning and relating to the passage of this Ordinance were taken in an open meeting of this Council, and that all deliberations of this Council and any of its committees that resulted in those formal actions were in meetings open to the public, all in compliance with the law including Section 121.22 of the Revised Code.

VOTE ON RULE SUSPENSION:

YEAS \_\_\_ NAYS \_\_\_  
ABSTAIN \_\_\_

PASSED: \_\_\_\_\_, 2015

YEAS \_\_\_ NAYS \_\_\_  
ABSTAIN \_\_\_

ATTEST: \_\_\_\_\_  
CITY CLERK

\_\_\_\_\_  
MAYOR



## FACT SHEET

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AGENDA ITEM NO: 16

DATE: 8/24/15

ORDINANCE NO: 15-78

RESOLUTION NO:

READING: SECOND

PUBLIC HEARING: **YES**  
**August 24, 2015 7:00 p.m.**

---

TO: Mayor and Members of City Council

FROM: R. Thomas Homan, City Manager

VIA: David Efland, Planning and Community Development Director

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**TITLE OF PROPOSED ORDINANCE/RESOLUTION:**

AN ORDINANCE APPROVING A REZONING FROM R-6 (MULTI-FAMILY RESIDENTIAL DISTRICT) TO PO/I PMU (PLANNED OFFICE/INSTITUTIONAL DISTRICT WITH A PLANNED MIXED USE OVERLAY DISTRICT) FOR OHIO WESLEYAN UNIVERSITY FOR SMALL LIVING UNITS (SLU'S) PHASES 1-5 ON APPROXIMATELY 1.373 ACRES LOCATED ON THE NORTH SIDE OF ROWLAND AVENUE BETWEEN SOUTH WASHINGTON STREET AND SOUTH LIBERTY STREET.

**BACKGROUND:**

Ohio Wesleyan University is proposing to raze the existing houses along the north side of Rowland Avenue which accommodates student housing and replace them with new small living unit (SLU's) student housing which would occur in four phases. The four new SLU's would allow the University to locate all the housing along the pedestrian corridor linking the residential area with the academic area of the campus. The existing houses would only be demolished when funding for each new SLU would be obtained. In Phase 5, Ohio Wesleyan's ultimate goal (this has been discussed with the City in the past) is to have Rowland Avenue vacated for vehicular travel and be utilized exclusively for pedestrians to extend the "jaywalk" concept in this area. Again, the City and University have discussed this possibility in general terms over several years and generally have agreed that it is a potential long term plan; however, both entities have discussed that much more detailed planning in this

regard is needed and many more details would need to be worked out prior to a formal application for vacation and Final Development Plan for Phase 5 being submitted. This approval would identify the vacation as part of the OWU long term plan.

**REASON WHY LEGISLATION IS NEEDED:**

N/A

**COMMITTEE RECOMMENDATION:**

Planning Commission approved this case 6-0 on August 5, 2015.

**FISCAL IMPACT(S):**

N/A

**POLICY CHANGES:**

N/A

**PRESENTER(S):**

David Efland, Planning and Community Development Director

**RECOMMENDATION:**

Staff recommends approval with the documented conditions.

**ATTACHMENT(S)**

Staff report

ORDINANCE NO. 15-78

AN ORDINANCE APPROVING A REZONING FROM R-6 (MULTI-FAMILY RESIDENTIAL DISTRICT) TO PO/I PMU (PLANNED OFFICE/INSTITUTIONAL DISTRICT WITH A PLANNED MIXED USE OVERLAY DISTRICT) FOR OHIO WESLEYAN UNIVERSITY FOR SMALL LIVING UNITS (SLU'S) PHASES 1-5 ON APPROXIMATELY 1.373 ACRES LOCATED ON THE NORTH SIDE OF ROWLAND AVENUE BETWEEN SOUTH WASHINGTON STREET AND SOUTH LIBERTY STREET.

WHEREAS, the Planning Commission at its meeting of August 5, 2015, recommended approval of a Rezoning from R-6 (Multi-Family Residential District) to PO/I PMU (Planned Office/Institutional District with a Planned Mixed Use Overlay District) for Ohio Wesleyan University for Small Living Units (SLU's) Phases 1-5 on approximately 1.373 acres located on the north side of Rowland Avenue between South Washington Street and South Liberty Street (PC 2015-1322), and

NOW THEREFORE, BE IT ORDAINED by the Council of the City of Delaware, State of Ohio:

SECTION 1. That the Rezoning from R-6 (Multi-Family Residential District) to PO/I PMU (Planned Office/Institutional District with a Planned Mixed Use Overlay District) for Ohio Wesleyan University for Small Living Units (SLU's) Phases 1-5 on approximately 1.373 acres located on the north side of Rowland Avenue between South Washington Street and South Liberty Street and is hereby confirmed, approved, and accepted, with the following condition that:

1. Any new structure(s) or any change of use of any existing structure(s) or property shall require conformance to all provisions of the Development Text.

SECTION 2. This Council finds and determines that all formal actions of this Council and any of its committees concerning and relating to the passage of this Ordinance were taken in an open meeting of this Council, and that all deliberations of this Council and any of its committees that resulted in those formal actions were in meetings open to the public, all in compliance with the law including Section 121.22 of the Revised Code.

VOTE ON RULE SUSPENSION:

YEAS \_\_\_ NAYS \_\_\_  
ABSTAIN \_\_\_

PASSED: \_\_\_\_\_, 2015

YEAS\_\_\_\_ NAYS\_\_\_\_  
ABSTAIN \_\_\_\_

ATTEST: \_\_\_\_\_  
CITY CLERK

\_\_\_\_\_  
MAYOR

**CASE NUMBERS:** 2015-1322, 1324-1326

**REQUEST:** Multiple Requests

**PROJECT:** Ohio Wesleyan University Student Housing

**MEETING DATE:** August 5, 2015

---

**APPLICANT/OWNER**

BSHM Architects  
1020 Goodale Boulevard  
Columbus, Ohio 43212

Ohio Wesleyan University  
61 South Sandusky Street  
Delaware, Ohio 43015

**REQUESTS**

2015-1322: A request by Ohio Wesleyan University for approval of a Rezoning Amendment from R-6 (Multi-Family Residential District) to PO/I PMU (Planned Office/Institutional District with a Planned Mixed Use Overlay District) for Small Living Units (SLU's) Phases 1-5 on approximately 1.373 acres located on the north side of Rowland Avenue between South Washington Street and South Liberty Street.

2015-1324: A request by Ohio Wesleyan University for approval of a Conditional Use Permit allowing the placement of a PMU (Planned Mixed Use Overlay District) to be established for Small Living Units (SLU's) Phases 1-5 on approximately 1.373 acres located on the north side of Rowland Avenue between South Washington Street and South Liberty Street

2015-1325: A request by Ohio Wesleyan University for approval of a Preliminary Development Plan for Small Living Units (SLU's) Phases 1-5 on approximately 1.373 acres located on the north side of Rowland Avenue between South Washington Street and South Liberty Street on property zoned to PO/I PMU (Planned Office/Institutional District with a Planned Mixed Use Overlay District)

2015-1326: A request by Ohio Wesleyan University for approval of a Final Development Plan for Small Living Units (SLU's) Phase 1 on approximately 1.373 acres located on the north side of Rowland Avenue between South Washington Street and South Liberty Street on property zoned to PO/I PMU (Planned Office/Institutional District with a Planned Mixed Use Overlay District)

**PROPERTY LOCATION & DESCRIPTION**

The subject seven parcels are located on the north side of Rowland Avenue between South Washington Street and South Liberty Street and are zoned R-6 (Multi-Family Residential District). The properties to the north are zoned R-6 while the properties to the east, west and south are zoned PO/I (Planned Office/Institutional District). To the north are single family homes that have been converted to private rental units, to the south is the City Fire Department and a City Park and to the east and west are University uses.

**BACKGROUND/PROPOSAL**

Ohio Wesleyan University is proposing to raze the existing houses along the north side of Rowland Avenue which accommodates student housing and replace them with new small living unit (SLU's) student housing which would occur in four phases. The four new SLU's would allow the University to locate all the housing along the pedestrian corridor linking the residential area with the academic area of the campus. The existing houses would only be demolished when funding for each new SLU would be obtained. In Phase 5, Ohio Wesleyan's ultimate goal (this has been discussed with the City in the past) is to have Rowland Avenue vacated for vehicular travel and be utilized exclusively for pedestrians to extend the "jaywalk" concept in this area. Again, the City and University have discussed this possibility in general terms over several years and generally have agreed that it is a potential long term plan; however, both entities have discussed that much more detailed planning in this regard is needed and many more details would need to be worked out prior to a formal application for vacation and Final Development Plan for Phase 5 being submitted. This approval would identify the vacation as part of the OWU long term plan.

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**STAFF ANALYSIS**

- **ZONING:** As mentioned above, the zoning of the subject the property is R-6 which allows the proposed uses but would likely need several significant variances for building setbacks and the like. Staff recommends and the applicant agreed that a rezoning to PO/I with a PMU (Planned Mixed Use Overlay District) would allow the applicant flexibly to accommodate any setback issues while allowing the City to require performance standards on the site and buildings to accommodate this unique use. A PMU also sets forth requirements and expectations for the future phases. In addition, a Conditional Use Permit for the entire site along with

Preliminary and Final Development Plans would need to be approved for each building by the Planning Commission and City Council.

- **LAND USE:** The proposed student housing is consistent with the Comprehensive Plan of the “OWU Subarea” of the plan which identifies these properties for Institutional uses.
- **ENGINEERING** The Applicant needs to obtain engineering approvals, including any storm water and utility issues that need to be worked out through the Engineering and Utilities Departments. All comments regarding the layout and details of the project are preliminary and subject to modification or change based on a technical review by the Engineering Department once a complete plan set is submitted for review.
- **ROADS AND TRAFFIC:** The proposed four new SLU’s would have access from Rowland Avenue which is a public street. However, Ohio Wesleyan’s long term desire is to vacate Rowland Avenue for vehicular travel and extend the “jaywalk” concept in this area. The logistics of vacating (abandoning) the public street would have to be vetted with all City departments and the University to determine the feasibility of such request as the University and the City are the only two adjacent property owners at this time. The Fire Department has provided detailed comments in this regard and supports the concept.
- **PARKING:** Section 1161.05 Specific Parking Standards for College/University Uses of the zoning code specifically calls for a parking study to be prepared in cases such as this to determine overall campus parking demand, use and relocation. As a result OWU prepared a Rowland Avenue Student Housing Parking Study (see attached) which indicates there is a 161 parking space surplus of student parking throughout the campus (882 parking space supply – 721 parking space demand). The study concluded 43% of the students have purchased parking permits in 2015 and that percentage would be used to determine parking demand for each SLU. Staff has accepted the study results to determine the number of parking spaces required for each phase as it is constructed.
- **SITE LAYOUT:** The proposed development would be developed in five phases and consist of four individual SLU’s that front Rowland Avenue and are setback the same distance as the three existing homes (which would ultimately be demolished). Phase 5 would include the vacation of Rowland Avenue as discussed above. The design character of the SLU’s would mimic the existing single family housing stock with minimum two stories, front porches, gabled pitch roofs, etc., per the attached building elevations and would have to achieve compliance with Chapter 1171.08 Residential Design Criteria. Again the construction of the SLU’s and vacation of the Rowland Avenue would occur when funding is made available (see attached plans for each phase):

**Phase 1-** The existing house at 118 Rowland Avenue (westernmost house on Rowland Avenue) would be demolished. A new 24 unit, 6,103 square foot SLU with 10 double bedrooms and 4 single bedrooms would be constructed at this location. Per the above mentioned Rowland Avenue Student Housing Parking Study, six parking spaces at the Hamilton Williams Campus Center at 110 Rowland Avenue (on the eastside of Washington Street north of Rowland) would be allocated specifically for this SLU. This phase is currently funded with construction anticipated in late 2015.

**Phase 2 –** The existing houses at 86 and 94 Rowland Avenue (easternmost houses on Rowland Avenue) would be demolished. A new 24 unit SLU would be constructed at this location and no additional parking would be allocated per the parking study. This phase is not currently funded.

**Phase 3 –** A new 24 unit SLU would be constructed just east of the SLU in Phase 1 (currently vacant property). Eleven parking spaces at the Hamilton Williams Campus Center would be allocated for this SLU per the parking study. This phase is not currently funded.

**Phase 4 -** A new 24 unit SLU would be constructed just west of the SLU in Phase 2 (currently an approximate 12 space parking lot). Eleven parking spaces at the Hamilton Williams Campus Center would be allocated for this SLU per the parking study. This phase is not currently funded.

**Phase 5 -** Rowland Avenue would be vacated and converted into the extension of the “jaywalk” in conjunction with the required City approval(s). The vacation of Rowland Avenue would eliminate 20 on-street parking spaces and OWU would construct 20 new parking spaces in the Bashford lot located on Park Avenue just southwest of the SLU’s. This phase is not currently funded.

- **PARKLAND AND OPEN SPACE:** There is no parkland or open space associated with the proposal but the potential vacation of Rowland Avenue would yield additional active open space for the University which already has more parkland and open space than any other single land use (except for the City).
- **BIKE PATHS AND PEDESTRIAN ROUTES:** There are not any proposed bike paths or pedestrian routes in this area per the City of Delaware Bikeway Plan approved in 2010. Sidewalks would continue to front all streets and Phase 5 would include additional pedestrian paths.
- **LANDSCAPING:** The applicant submitted a landscape plan for the Phase 1 SLU which identifies 14 shrubs planted around the structure which appears to be appropriate. Such plan would be required for each subsequent SLU constructed. Furthermore, a more detailed landscape plan would be required for the vacated Rowland Avenue in Phase 5. All landscape plans would need to be submitted, reviewed and approved by the Shade Tree Commission.
- **TREE PRESERVATION:** Each phase would have to achieve compliance with Chapter 1168 Tree Preservation Regulations. In Phase 1 there do not appear to be any trees being eliminated, but that would need to be verified with building plans.
- **UTILITIES:** The site would be serviced by City sanitary sewer and water that would have to be extended by the developer where necessary.
- **LIGHTING PLAN:** The proposed plan does not show any proposed lights on the SLU's which are required for each house per the zoning code, In addition, a detailed lighting plan would be required for the vacated Rowland Avenue in Phase 5. All lighting plans would need to be submitted, reviewed and approved by the Chief Building Official that achieves compliance with the zoning code.
- **MISC:** Staff and OWU remains concerned with the pedestrian crossing utilized primarily by students at Liberty Street and Rowland Avenue. There have been several discussions between the City and University on this topic. The Engineering Department has explored a number of these adaptations such as a HAWK signal among other items and desires to conclude these discussions with the University and to see enhancements put in place in the area. This is an existing condition not specifically related to the SLU project but certainly must be addressed with Phase 5.
- **CONDITIONAL USE PERMIT:** The proposed development achieves compliance with the conditional use permit requirements per the zoning code and of the approved development text.

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**STAFF RECOMMENDATION (2015-1322 – REZONING AMENDMENT)**

Staff recommends approval of a request by Ohio Wesleyan University of a Rezoning Amendment from R-6 (Multi-Family Residential District) to PO/I PMU (Planned Office/Institutional District with a Planned Mixed Use Overlay District) for Small Living Units (SLU's) Phases 1-5 on approximately 1.373 acres located on the north side of Rowland Avenue between South Washington Street and South Liberty Street, with the following condition:

1. Any new structure(s) or any change of use of any existing structure(s) or property shall require conformance to all provisions of the Development Text.

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**STAFF RECOMMENDATION (2015-1324 – CONDITIONAL USE PERMIT)**

Staff recommends approval of a request by Ohio Wesleyan University of a Conditional Use Permit allowing the placement of a PMU (Planned Mixed Use Overlay District) to be established for Small Living Units (SLU's) Phases 1-5 on approximately 1.373 acres located on the north side of Rowland Avenue between South Washington Street and South Liberty Street

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**STAFF RECOMMENDATION (2015-1325 – PRELIMINARY DEVELOPMENT PLAN)**

Staff recommends approval of a request by Ohio Wesleyan University of a Preliminary Development Plan for Small Living Units (SLU's) Phases 1-5 on approximately 1.373 acres located on the north side of Rowland Avenue between South Washington Street and South Liberty Street on property zoned to PO/I PMU (Planned Office/Institutional District with a Planned Mixed Use Overlay District), with the following conditions that:

1. The applicant needs to obtain engineering approvals, including any storm water and utility issues that need to be worked out through the Engineering and Utilities Departments. All comments regarding the



CASE NUMBER: 2015- 1322, 1324-1326

MEETING DATE: August 5, 2015

PAGE: Page 5 of 5

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MOTION: \_\_\_\_\_ 1<sup>st</sup> \_\_\_\_\_ 2<sup>nd</sup> approved denied tabled \_\_\_\_\_

CONDITIONS/MISCELLANEOUS:

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FILE:

ORIGINAL:

REVISED: 07/31/15

OHIO WESLEYAN UNIVERSITY  
PLANNED MIXED USE DEVELOPMENT TEXT FOR  
SMALL LIVING UNITS (SLU'S)  
LOCATED ON THE NORTH SIDE OF ROWLAND AVENUE  
DELAWARE, OHIO

1. DESCRIPTION OF DEVELOPMENT

Ohio Wesleyan University (OWU) is proposing to rezone the subject seven parcels that contain 1.373 acres from R-6 (Multi-Family Residential District) to PO/I PMU (Planned Office/Institutional District with a Planned Mixed Use Overlay District) for a development that would raze the existing three student houses and ultimately construct four small living units (SLU's) and associated parking in four phases. In Phase 5, OWU would vacate Rowland Avenue for vehicular travel and would be utilized exclusively for pedestrians to extend the "jaywalk" concept in this area.



## 2. GENERAL DEVELOPMENT STANDARDS

- a. **Purpose and Intent.** It is the intent of this development to provide a student housing development with compatible and common site improvements, architectural design, signage and amenities in a campus like setting. This Development Text represents the zoning requirements for this area unless otherwise noted.
- b. **Conformance with Codified Ordinances and City Policy.** Unless noted otherwise within this development text, all development will be constructed and provided in conformance with the then current Codified Ordinances and City Policy in effect at the time of application.
- c. **Limitations.** Nothing in this text shall prohibit additional restrictions or requirements from being placed on the approval of any Final Development Plan.
- d. **Major Modifications.** Once a Final Development Plan has been approved by City Council, any subsequent major modification to that plan shall only be permitted by resubmission and approval of a revised Final Development Plan through the procedures set forth in the Zoning Code. Major modification for the purposes of this text shall mean any modification of the approved Final Development Plan, as determined by the Director of Planning & Community Development, that results in:
  - (1) Any major change in the use or occupancy other than those uses specifically listed in this text.
  - (2) Major change in the approved location of land uses.
  - (3) Substantial alteration of the basic geometry, including right-of-way width, and/or operation characteristics of any element of the approved access points and parking facilities that results in a change in operating characteristics or character.
- e. **Minor Modifications.** Once a Final Development Plan has been approved by City Council, any subsequent minor modification to that plan shall only be permitted by resubmission and approval by the Director of Planning and Community Development of a revised Final Development Plan. Minor modification for the purposes of this text shall mean any modification of the approved Final Development Plan, as determined by the Director of Planning & Community Development, that results in:
  - (1) Any modification that is not considered a major modification by this Zoning Text or by determination of the Director of Planning & Community Development.
  - (2) Any minor change to the use or occupancy other than those uses specifically allowed in this text or any minor changes to the approved site layout.
  - (3) Minor change in the approved location of land uses.
  - (4) Minor alteration of the basic geometry, including right-of-way width, and/or operation characteristics of any element of the approved access points and parking facilities that results in a change in operating characteristics or character.
  - (5) Minor structural alterations that do not alter the overall design intent of the building(s).

f. **Tree Removal and Replacement.** Tree removal and replacement shall meet all requirements of Chapter 1168 with the following replacement schedule:

- (1) Trees in poor condition shall not be replaced (dead, damaged or diseased).
- (2) Trees in fair condition shall be replaced at 50%.
- (3) Trees in good condition shall be replaced at 100%
- (4) Ash trees shall not be counted toward replanting requirements.

g. **Stormwater**

- (1) All State and local rules and regulations regarding stormwater shall apply as they are in effect at the time of permitting.

3. OWU – NORTH SIDE OF ROWLAND AVENUE

a. **Uses.** The following uses shall be considered permitted, conditionally permitted, or limited uses in Sub-Area A as represented in the chart below by P or C respectively, and as defined by attached Chapter 1121 of the Zoning Code. Any use not listed in the chart shall be considered a prohibited use unless amended by action of the Planning Commission and City Council through a Zoning Amendment process.

- (1) **Permitted Uses.** Permitted uses are permitted by-right and shall meet all development standards specified within this text and the Zoning Code, as applicable.
- (2) **Conditionally Permitted Uses.** In addition to all standards specified within this development text, uses listed as conditionally permitted uses shall meet all the then current Zoning Code standards for approval of a Conditional Use Permit current at the time of application for the specific conditional use as well as any other regulations contained within the Zoning Code and applicable to the conditional use.
- (3) **Limited Uses.** Limited uses shall be considered permitted uses subject to complying with all the specific limitations and restrictions as specified within this text as determined by Final Development Plan approval.
- (4) **Accessory Uses and Structures.** Although not specified in the chart below, accessory uses, which are considered allowed uses, include those items that are customarily incidental and secondary to the principal use of the land. Such items include but are not limited to signs, fences, trash receptacles and enclosures, and off-street parking areas. If the uses are specified as conditional or limited uses the processes and limitations shall apply regardless of accessory use status.

| Land Use Category                                   | Sub-Area A Uses |
|-----------------------------------------------------|-----------------|
| (a) Residential                                     |                 |
| (1) Student housing (University owned and operated) | P               |

| Land Use Category                                                         | Sub-Area A Uses |
|---------------------------------------------------------------------------|-----------------|
| (2) Sorority or fraternity for college men and women                      | P               |
| <b>(b) Community Facilities</b>                                           |                 |
| (1) Place of Worship                                                      | P               |
| (2) Colleges, universities, educational research establishment/laboratory | P               |
| (3) Library                                                               | P               |
| (4) Public safety and service facility                                    | P               |
| <b>(c) Office and Professional Services</b>                               |                 |
| (1) Offices – (University owned and operated)                             | P               |
| (2) Medical offices (University owned and operated)                       | P               |
| <b>(f) Recreation and Entertainment</b>                                   |                 |
| (1) Park and Playground                                                   | P               |
| <b>(g) Accessory Uses &amp; Structures</b>                                |                 |
| (2) Off Street Parking                                                    | A               |

b. **Lot Standards.** The following standards shall apply for lot standards and coverage.

| Lot Standards                      |           |
|------------------------------------|-----------|
| (1) Minimum lot area               | 0.25 acre |
| (2) Minimum lot width and frontage | N/A.      |
| (3) Maximum building coverage      | 40%       |
| (4) Maximum lot coverage*          | 60%       |

\*Lot coverage shall be determined by calculating the total area of any impervious surface divided by the area of the subject lot, excluding any existing public right-of-way, and converted to a percentage.

c. **Building Setback Standards.** The following standards shall apply for minimum building setbacks, except as otherwise approved on the Final Development Plan.

Decorative architectural elements such as canopies and overhangs shall be permitted to encroach into any setback provided that no encroachment shall exceed 5 feet.

| Minimum Building Setbacks            |        |
|--------------------------------------|--------|
| (1) Front Yard Setback               | 15 ft. |
| (2) Rear Yard and Side Yard Setbacks | 10 ft. |

- d. **Parking Setbacks.** The following standards shall apply for minimum parking setbacks. Parking setbacks include any parking space, parking lot drive aisle, and parking lot circulation aisle, except as otherwise approved on the Final Development Plan.

| Minimum Parking Setbacks        |        |
|---------------------------------|--------|
| (1) Front Yard Setback          | 15 ft. |
| (2) Rear and Side Yard Setbacks | 10 ft. |

- e. **Maximum Building Height.** The maximum height of any building or structure shall be 40 feet as measured from finished floor elevation to the highest point of the roof.

- f. **Building Design.** The intent of this regulation is to require all building to achieve compliance with Chapter 1171.08 Residential Development Criteria and Performance Standards per the attached building elevations. To create a cohesive and unified design throughout the entire development, each building shall be consistent in overall design, color, material, and architectural pattern as determined through the Final Development Plan review. They shall include higher end materials such as brick, stone (natural or cultured), cement siding and the like.

- (1) Accessory structures such as enclosures for dumpsters and other similar structures shall consist of brick, stone, cedar planking, cement fiber siding, or similar approved products as the exterior material and be designed in a consistent and cohesive manner to the principal building in which it serves.
- (2) Mechanical Equipment shall be screened from public view from all sides of the building through the use of parapets, equipment screens, or other screening measures as deemed appropriate. The height of such screening shall be equivalent to the height of the highest mechanical equipment.

- g. **Parking.** The amount of parking provided shall not be more than that shown on the approved Preliminary Development Plan for each Phase per the submitted Ohio Wesleyan University Rowland Student Housing Parking Study and allowed in Section 1161.05 Specific Standards for Colleges/University Uses of the City of Delaware Zoning Regulations.

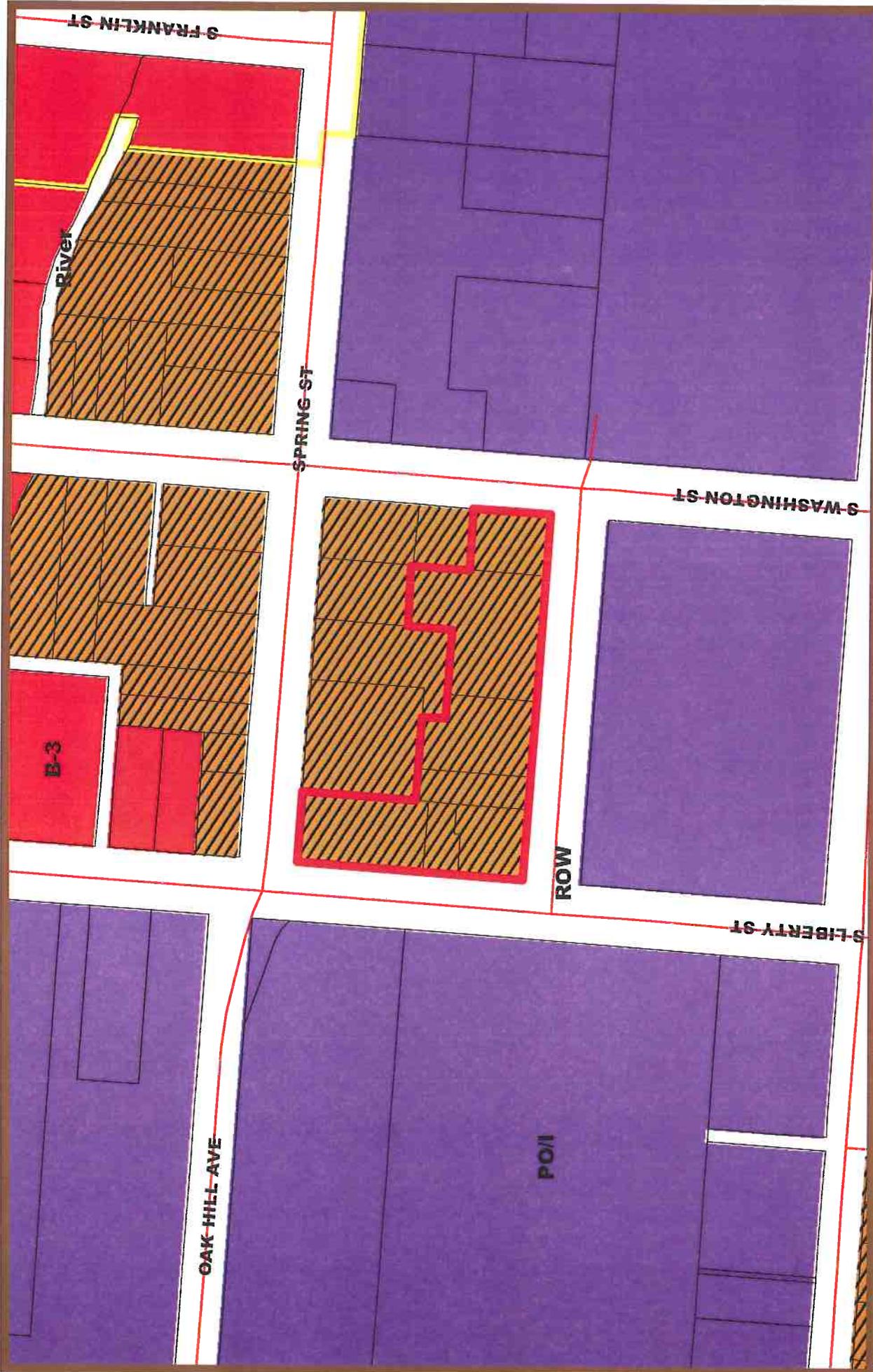
- h. **Landscaping and Screening.** All landscaping shall meet the requirements of the Zoning Code except as otherwise approved on the Final Development Plan.
  - (1) The landscaping for each SLU shall be per the attached Final Development Landscape Plan for Phase 1 or other City approved plan.
  - (2) A more detailed landscape plan would be required for the vacated Rowland Avenue with any Final Development Plan submitted for Phase 5.
  - (3) All landscape plans would need to be submitted, reviewed and approved by the Shade Tree Commission.
- i. **Lighting.** Building, site, and accent lighting shall be provided in accordance with the current Zoning Code, except that there is no requirement to provide lighting beyond that required by the applicable Building Code.
- k. **Signs.** All signage shall achieve compliance with 1165 Signs of the City of Delaware Zoning Code.
- m. **Utilities.** Any new or existing utilities(s) to be constructed and/or extended within the development shall comply with the City minimum requirements or as approved by the City Director of Utilities. The engineering drawings for such improvements shall accompany the submittal of the Final Development Plans for the subject phase.
- n. **Proposed Development – 5 Phases**
  - a. **Phase 1.** This phase would consist of the following elements:
    - i. The existing houses at 118 Rowland Avenue (westernmost house on Rowland Avenue) would be demolished.
    - ii. A new 24 unit SLU would be constructed at this location.
    - iii. Six parking spaces at the Hamilton Williams Campus Center located at 110 Rowland Avenue (on the eastside of Washington Street north of Rowland Avenue) would be allocated for this SLU per the OWU Rowland Avenue Student Housing Parking Study.
    - iv. A Final Development Plan would need to be approved by the Planning Commission and City Council.
  - b. **Phase 2.** This phase would consist of the following elements:
    - i. The existing houses at 86 and 94 Rowland Avenue (easternmost houses on Rowland Avenue) would be demolished.
    - ii. A new 24 unit SLU would be constructed at this location.
    - iii. No additional parking spaces would need to be allocated for this SLU per the OWU Rowland Avenue Student Housing Parking Study.
    - iv. A Final Development Plan would need to be approved by the Planning Commission and City Council.
  - c. **Phase 3.** This phase would consist of the following elements:
    - i. A new 24 unit SLU would be constructed just east of the SLU in Phase 1 (currently a vacant lot).
    - ii. Eleven parking spaces at the Hamilton Williams Campus Center located at 110 Rowland Avenue (on the eastside of Washington Street north of

- Rowland Avenue) would be allocated for this SLU per the OWU Rowland Avenue Student Housing Parking Study.
- iii. A Final Development Plan would need to be approved by the Planning Commission and City Council.
- d. **Phase 4.** This phase would consist of the following elements:
- i. A new 24 unit SLU would be constructed just west of the SLU in Phase 2 currently a parking lot).
  - ii. Eleven parking spaces at the Hamilton Williams Campus Center located at 110 Rowland Avenue (on the eastside of Washington Street north of Rowland Avenue) would be allocated for this SLU per the OWU Rowland Avenue Student Housing Parking Study.
  - iii. A Final Development Plan would need to be approved by the Planning Commission and City Council.
- e. **Phase 5.** This phase would consist of the following elements:
- i. Rowland Avenue would be vacated and converted into the extension of the “jaywalk” in conjunction with City approval(s).
  - ii. The vacation of Rowland Avenue would eliminate 20 on-street parking spaces. Therefore, 20 new parking spaces would be constructed in the Bashford Lot located on Park Avenue just southwest of the SLU’s per the OWU Rowland Avenue Student Housing Parking Study.
  - iii. A Final Development Plan and street vacation would need to be approved by the Planning Commission and City Council.



2015-1322, 1324-1326  
Rezoning Amendment, Conditional Use Permit,  
Phases 1-5 Preliminary Development Plan, and Phase 1  
Final Development Plan  
Ohio Wesleyan University  
Location Map





2015-1322, 1324-1326  
 Rezoning Amendment, Conditional Use Permit,  
 Phases 1-5 Preliminary Development Plan, and Phase 1  
 Final Development Plan  
 Ohio Wesleyan University  
 Zoning Map





2015-1322, 1324-1326  
 Rezoning Amendment, Conditional Use Permit,  
 Phases 1-5 Preliminary Development Plan, and Phase 1  
 Final Development Plan  
 Ohio Wesleyan University  
 Aerial (2013)



# OHIO WESLEYAN UNIVERSITY SMALL LIVING UNITS



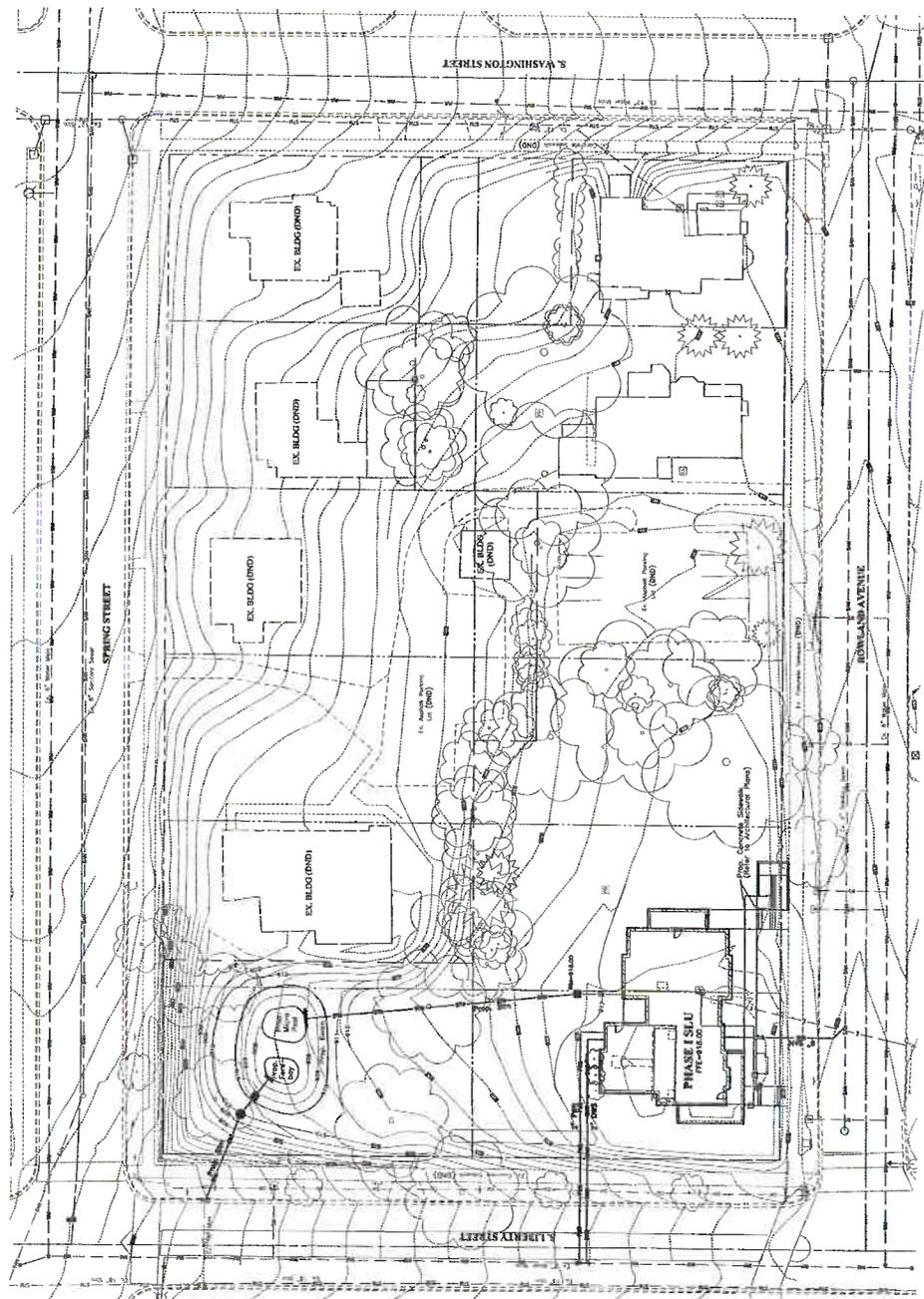


DESIGN DEVELOPMENT  
 SLUplex 1&2  
 ROWLAND AVENUE  
 DELAWARE, OH 43015

|              |                 |
|--------------|-----------------|
| Project No.  | 113-000-00      |
| Client       | A. Chubb        |
| Project Name | STORMWATER PLAN |
| Date         | 7/07/2015       |
| Scale        | C3000           |

**LEGEND**

| EXISTING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | PROPOSED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Catch</li> <li>Sewer/Curb Runoff</li> <li>Center Line Swale</li> <li>Fence/Wall</li> <li>Water Main</li> <li>Water Service</li> <li>Domestic Water Service</li> <li>Sanitary Sewer</li> <li>Sanitary Sewer Main</li> <li>Sanitary Sewer Service</li> <li>Storm Sewer</li> <li>Appl. Catch</li> <li>Underground Electric Service</li> <li>Electric Duct Bank</li> <li>Overhead Electric</li> <li>Overhead Electric &amp; Communications</li> <li>Overhead Electric Service</li> <li>Communications Duct Bank</li> <li>Communications Duct Bank</li> <li>Overhead Gas Main</li> <li>Overhead Gas Service</li> <li>Fire Main</li> <li>Overhead Fire/Smoke</li> <li>Dockhouse/Temporary Ties</li> </ul> | <ul style="list-style-type: none"> <li>Electric Meter</li> <li>Water Meter</li> <li>Water Main</li> <li>Water Service</li> <li>Sanitary Sewer</li> <li>Sanitary Sewer Main</li> <li>Sanitary Sewer Service</li> <li>Storm Sewer</li> <li>Storm Sewer Main</li> <li>Storm Sewer Service</li> <li>Appl. Catch</li> <li>Underground Electric Service</li> <li>Electric Duct Bank</li> <li>Overhead Electric</li> <li>Overhead Electric &amp; Communications</li> <li>Overhead Electric Service</li> <li>Communications Duct Bank</li> <li>Communications Duct Bank</li> <li>Overhead Gas Main</li> <li>Overhead Gas Service</li> <li>Fire Main</li> <li>Overhead Fire/Smoke</li> <li>Dockhouse/Temporary Ties</li> </ul> |



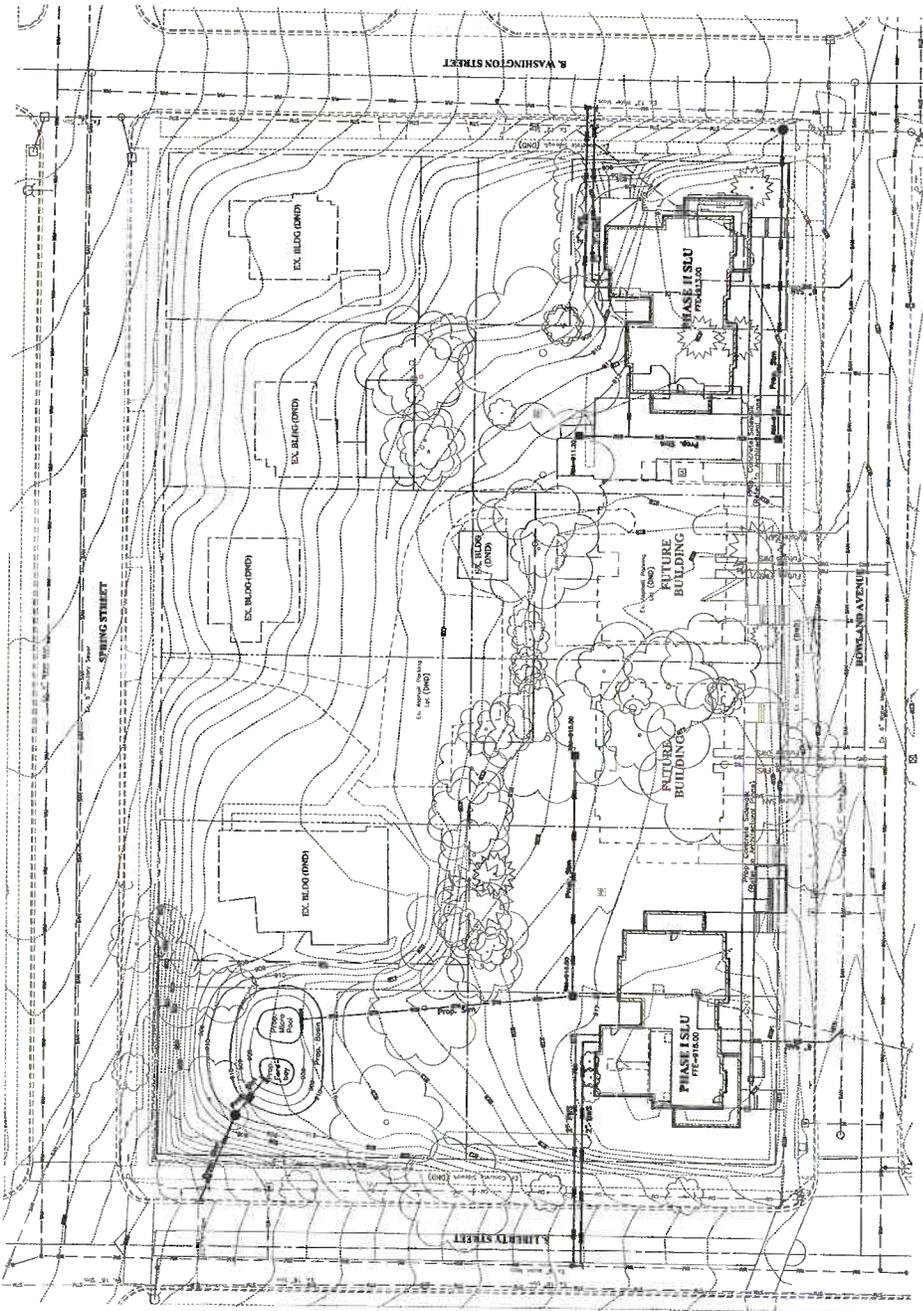
**GRAPHIC SCALE**  
 1" = 20'-0"

Prepared By: **EMHIT**  
 Checked By: **EMHIT**  
 Date: 7/07/2015  
 Project Number: 113-000-00

Graphic Scale  
 1" = 20'-0"

EMIT  
 ENGINEERING, MECHANICAL & ELECTRICAL  
 CONSULTANTS  
 1100 W. 11th Street  
 Overland Park, KS 66212  
 913.241.8770 Fax  
 J. Chodura  
 7.07.2015  
 Project Number: 2015-042

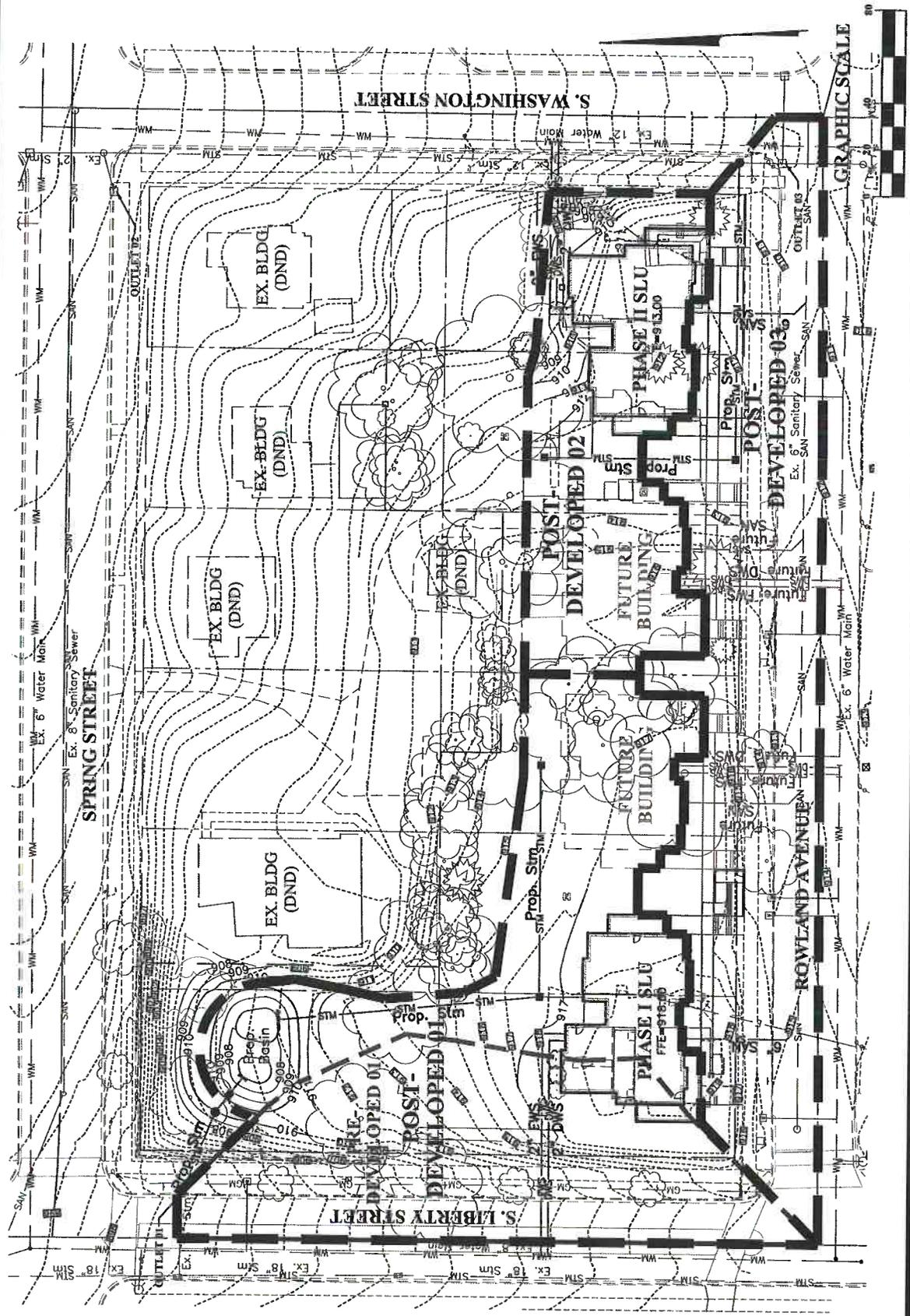
| LEGEND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>EXISTING</b></p> <ul style="list-style-type: none"> <li>Catch Basins</li> <li>Stormwater/Dark Rains</li> <li>Center Line Mark</li> <li>Fire Hydrant</li> <li>Water Service</li> <li>Domestic Water Service</li> <li>Sanitary Sewer Service</li> <li>Storm Sewer Service</li> <li>Roof Drain</li> <li>Underground Electric Service</li> <li>Overhead Electric</li> <li>Overhead Gas</li> <li>Communication Service</li> <li>Communication Duct Bank</li> <li>Natural Gas Main</li> <li>Natural Gas Service</li> <li>Fiber Line</li> <li>Decorative/Compass Rose</li> </ul> | <p><b>PROPOSED</b></p> <ul style="list-style-type: none"> <li>Water Service</li> <li>Domestic Water Service</li> <li>Fire Water Service</li> <li>Sanitary Sewer Service</li> <li>Storm Sewer</li> <li>Road Drain</li> <li>Underground Electric Service</li> <li>Overhead Electric Service</li> <li>Communication Service</li> <li>Natural Gas Service</li> <li>Catch Basins</li> <li>Curb &amp; Gutter Inlet</li> <li>Manhole</li> <li>Fire Hydrant</li> <li>Fire Department Connection</li> <li>Water Meter</li> <li>Pool Box</li> </ul> |
| <p><b>EXISTING</b></p> <ul style="list-style-type: none"> <li>Decorative Benching Pad</li> <li>Sign Back</li> <li>Handicap Paved Symbol</li> <li>Light Pole</li> <li>Transformer</li> <li>Gas Meter</li> <li>Pool Box</li> </ul>                                                                                                                                                                                                                                                                                                                                                | <p><b>PROPOSED</b></p> <ul style="list-style-type: none"> <li>Fire Hydrant</li> <li>Water Meter</li> <li>Fire Department Connection</li> <li>Light Pole (Refer to Site Lighting Plan)</li> <li>Transformer</li> </ul>                                                                                                                                                                                                                                                                                                                     |

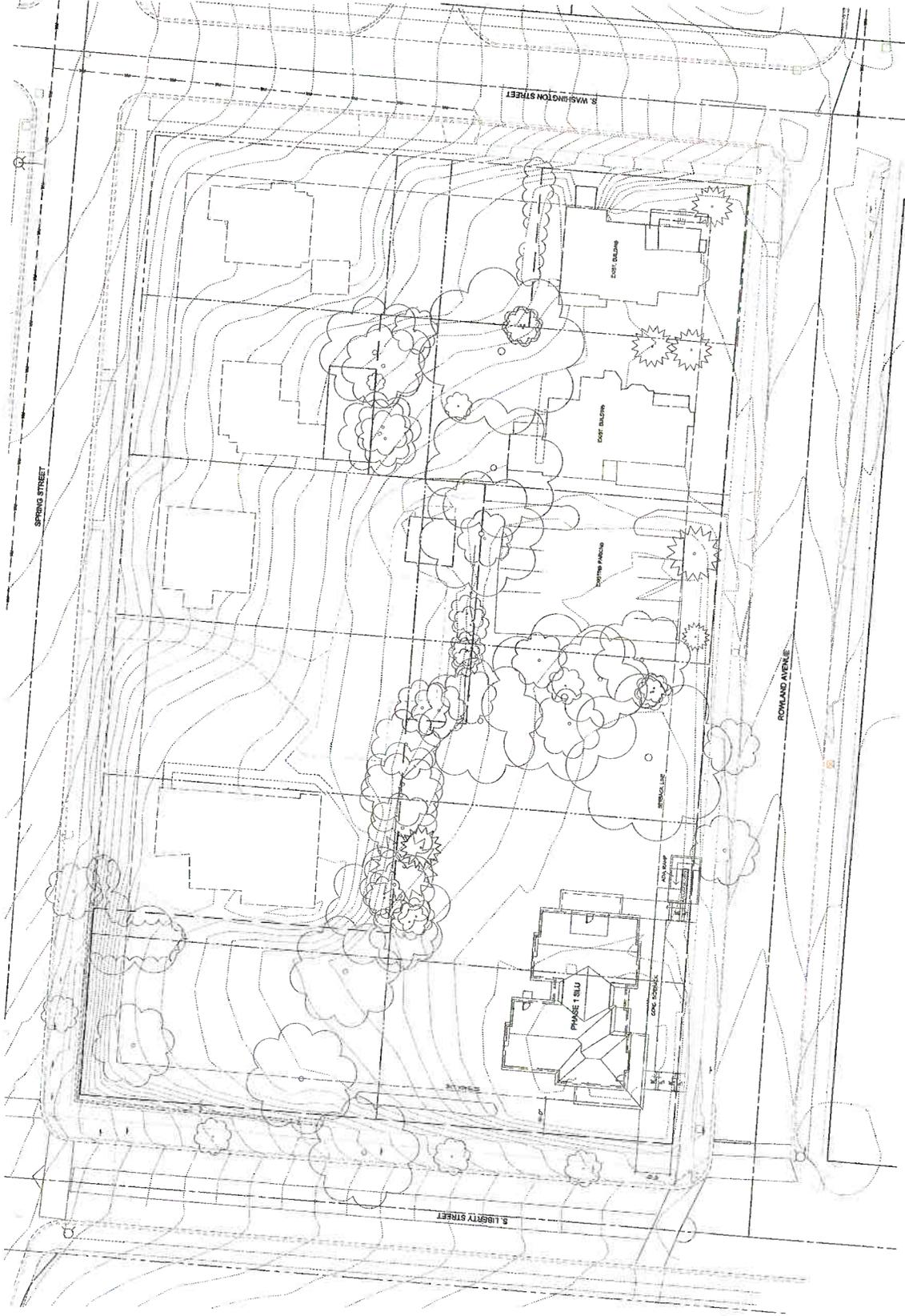


DATE: July 7, 2015  
 SCALE: 1" = 40'  
 JOB NO.: 2015-0612

CITY OF DELAWARE  
 FOR  
 EXHIBIT  
 OHIO WESLEYAN UNIVERSITY  
 SLUplex 1 & 2  
 TRIBUTARY AREAS

**EMHT**  
 Engineers • Surveyors • Planners • Scientists  
 5500 New Albany Road, Columbus, OH 43054  
 Phone: 614.775.4500  
 Toll Free: 888.775.3448  
 emht.com





ARCHITECTURAL SITE PLAN  
 SCALE: 1" = 30'-0"



1000 Madison Ave.  
 Suite 200  
 Columbus, OH 43215  
 614.427.2771 Fax



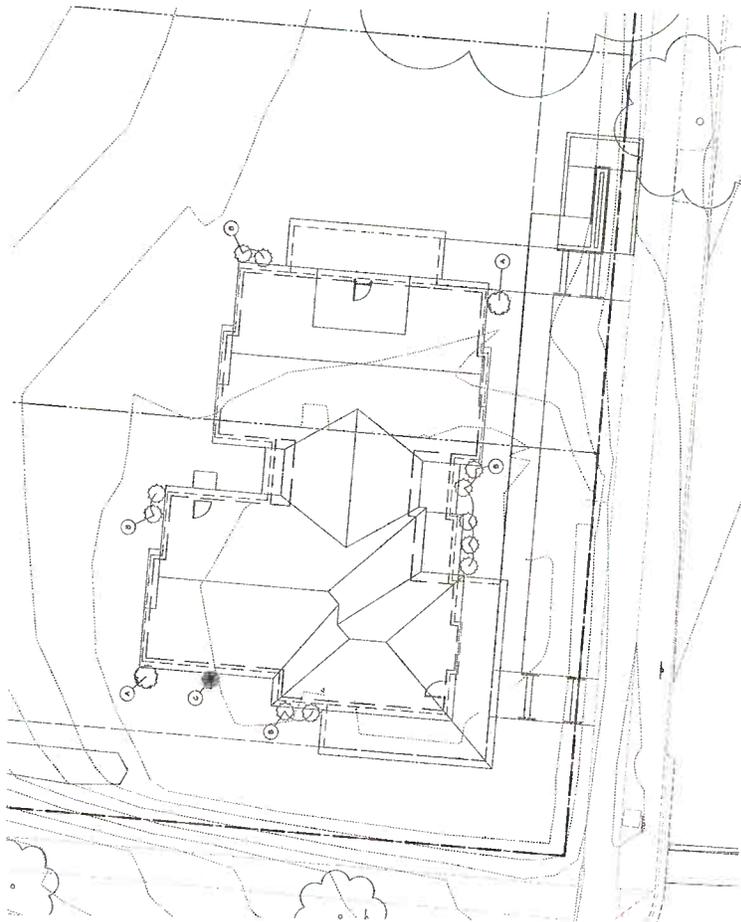
DESIGN DEVELOPMENT  
 OHIO WESLEYAN UNIVERSITY  
 SLUplex 1& 2  
 ROWLAND AVENUE  
 DELAWARE, OH 43015



DATE: 11.13.2010  
 BY: [Signature]  
 TITLE: [Signature]  
 PROJECT: LANDSCAPING  
 PLAN

DATE: 7/26/2016  
 PROJECT: LANDSCAPING  
 PLAN

AS101

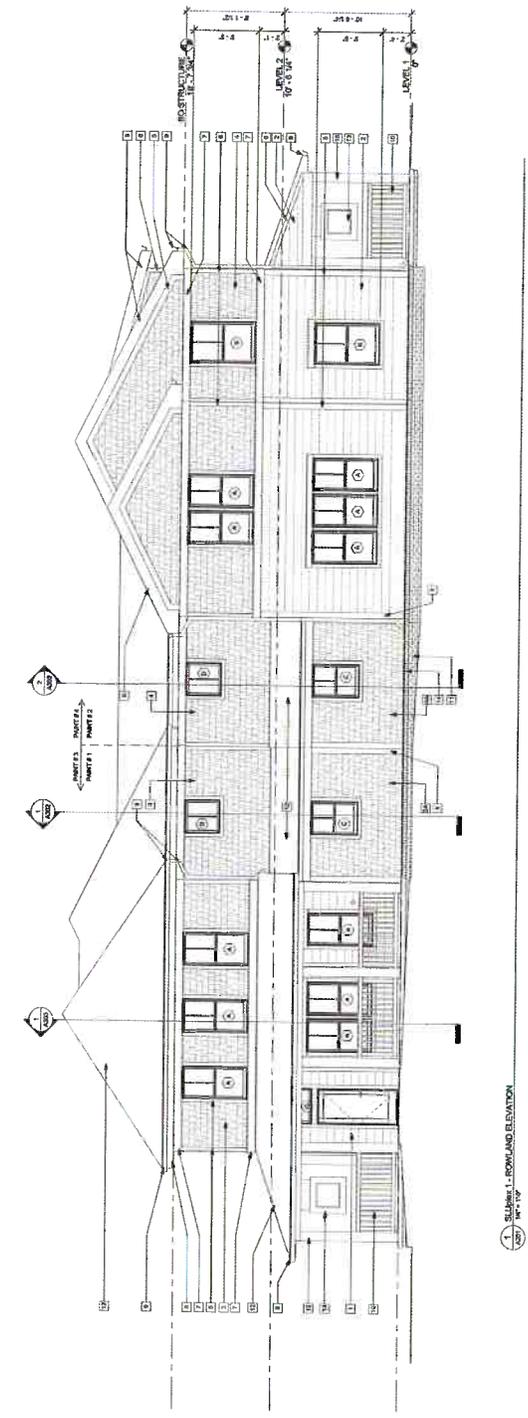
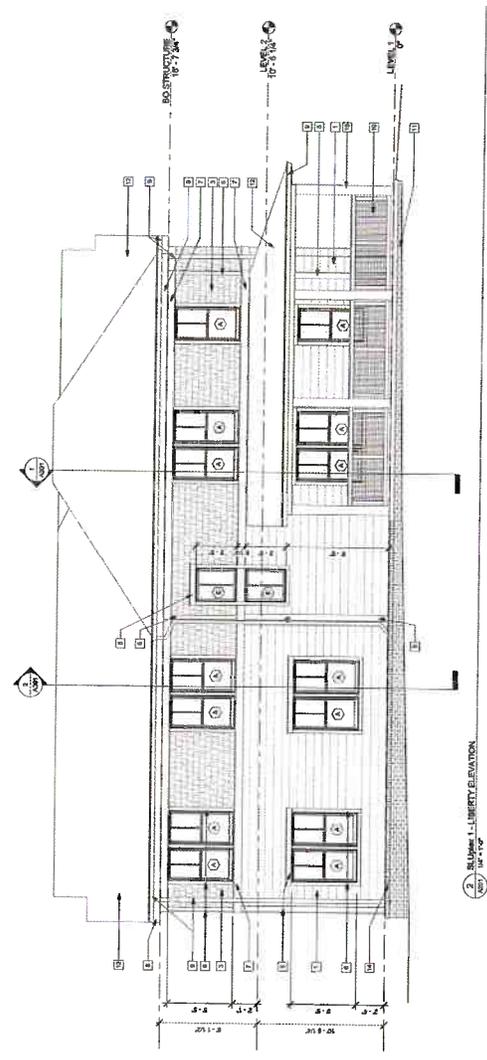


LANDSCAPING PLAN  
 SCALE: 1" = 10'-0"

| MARK | COMMON NAME    | PLANTING SCHEDULE | SIZE            | QUANTITY |
|------|----------------|-------------------|-----------------|----------|
| A    | BURNING BUSH   | 2' x 2' PLANTED   | 2' x 2' PLANTED | 2        |
| B    | DOGWOOD        | 2' x 2' PLANTED   | 2' x 2' PLANTED | 1        |
| C    | SPANISH BARTON | 2' x 2' PLANTED   | 2' x 2' PLANTED | 1        |

**ELEVATION KEY NOTES**

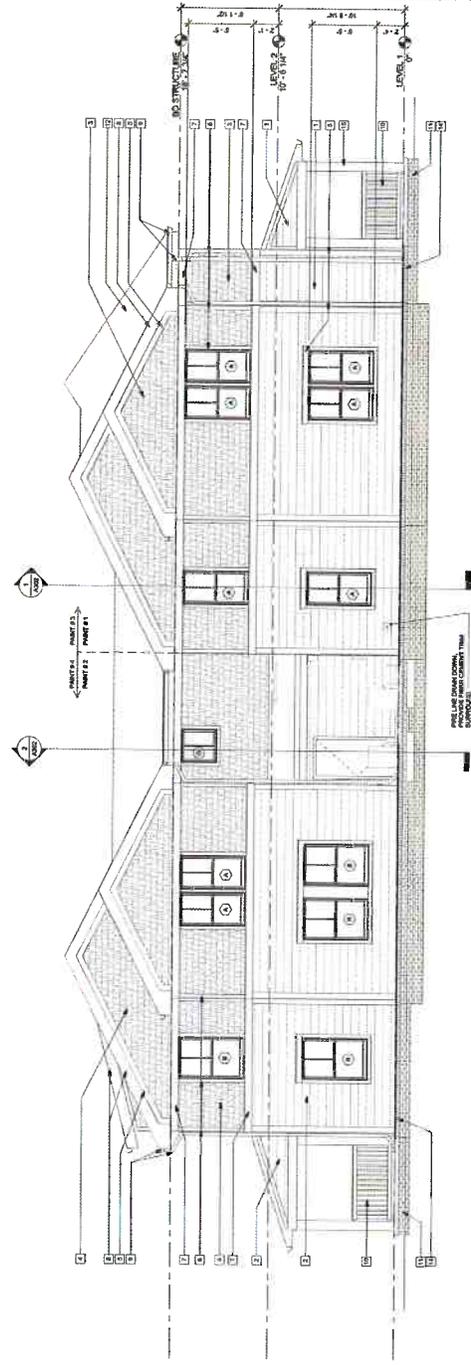
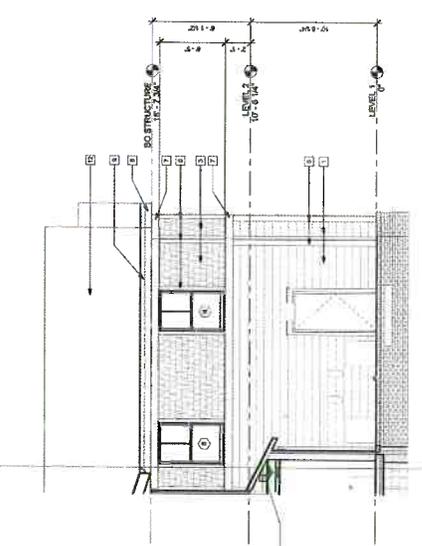
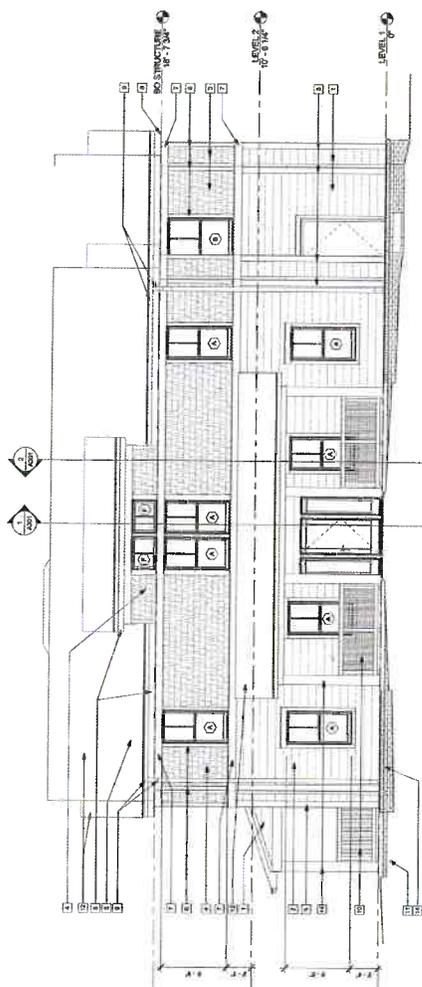
- 1 PAINT CONCRETE LAP JOINTS, 1" DISCREPANT, PAINT #1
- 2 PAINT CONCRETE LAP JOINTS, 1" DISCREPANT, PAINT #2
- 3 PAINT CONCRETE BRASS BRONZE BRONZE BRONZE BRONZE PAINT #1
- 4 PAINT CONCRETE BRASS BRONZE BRONZE BRONZE BRONZE PAINT #2
- 5 PAINT CONCRETE BRASS BRONZE BRONZE BRONZE BRONZE PAINT #3
- 6 PAINT CONCRETE BRASS BRONZE BRONZE BRONZE BRONZE PAINT #4
- 7 PAINT CONCRETE BRASS BRONZE BRONZE BRONZE BRONZE PAINT #5
- 8 PAINT CONCRETE BRASS BRONZE BRONZE BRONZE BRONZE PAINT #6
- 9 PAINT CONCRETE BRASS BRONZE BRONZE BRONZE BRONZE PAINT #7
- 10 PAINT CONCRETE BRASS BRONZE BRONZE BRONZE BRONZE PAINT #8
- 11 ALUM. FINISH, COLOR TO MATCH TRIM
- 12 ALUM. DOWNPOUT & DUTTER, COLOR TO MATCH TRIM
- 13 CELLULAR PVC PANELS
- 14 BRONZE/BLACK WATER TABLE, MODULAR RUBBER SOUND
- 15 ARCHITECTURAL UPHOLSTERY FABRICS
- 16 SLUW BRASS PANEL
- 17 BRONZE/BLACK/WHITE/BLACK COUSE
- 18 BRONZE/BLACK/WHITE/BLACK COUSE
- 19 CELLULAR PVC COLUMN COVERS




 SLUplex 18.2 - EXTERIOR ELEVATION



- ELEVATION KEY NOTES**
1. FRESH CEMENT LAP BERMAL F. EXPOSURE, PAINT #1
  2. FRESH CEMENT LAP BERMAL F. EXPOSURE, PAINT #2
  3. FRESH CEMENT BRICK BERMAL, STYRASTRADED BRICK, PAINT #1
  4. FRESH CEMENT BRICK BERMAL, STYRASTRADED BRICK, PAINT #2
  5. FRESH CEMENT BRICK BERMAL, STYRASTRADED BRICK, PAINT #3
  6. FRESH CEMENT BRICK BERMAL, STYRASTRADED BRICK, PAINT #4
  7. FRESH CEMENT TRIM - 3" X 7" PAINT #5
  8. FRESH CEMENT TRIM - 3" X 7" PAINT #6
  9. FRESH CEMENT TRIM - 3" X 7" PAINT #7
  10. FRESH CEMENT TRIM - 3" X 7" PAINT #8
  11. ALUM. FINISH, COLOR TO MATCH TRIM
  12. ALUM. FINISH, COLOR TO MATCH TRIM
  13. CELLULAR PC INSULATION
  14. 2" POLYURETHANE INSULATION
  15. 1/2" GYPSUM BOARD
  16. 1/2" GYPSUM BOARD
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  100. 1/2" GYPSUM BOARD



1. SLUJES 1 - NORTH ELEVATION  
 1/8" = 1'-0"

2. SLUJES 1 - EAST ELEVATION  
 1/8" = 1'-0"

3. SLUJES 1 - WEST ELEVATION  
 1/8" = 1'-0"

**ELEVATIONS**  
CORNER UNIT\_ROWLAND ELEVATION



**ELEVATIONS**  
CORNER UNIT\_LIBERTY ELEVATION



**PERSPECTIVE STUDIES**  
CORNER UNIT

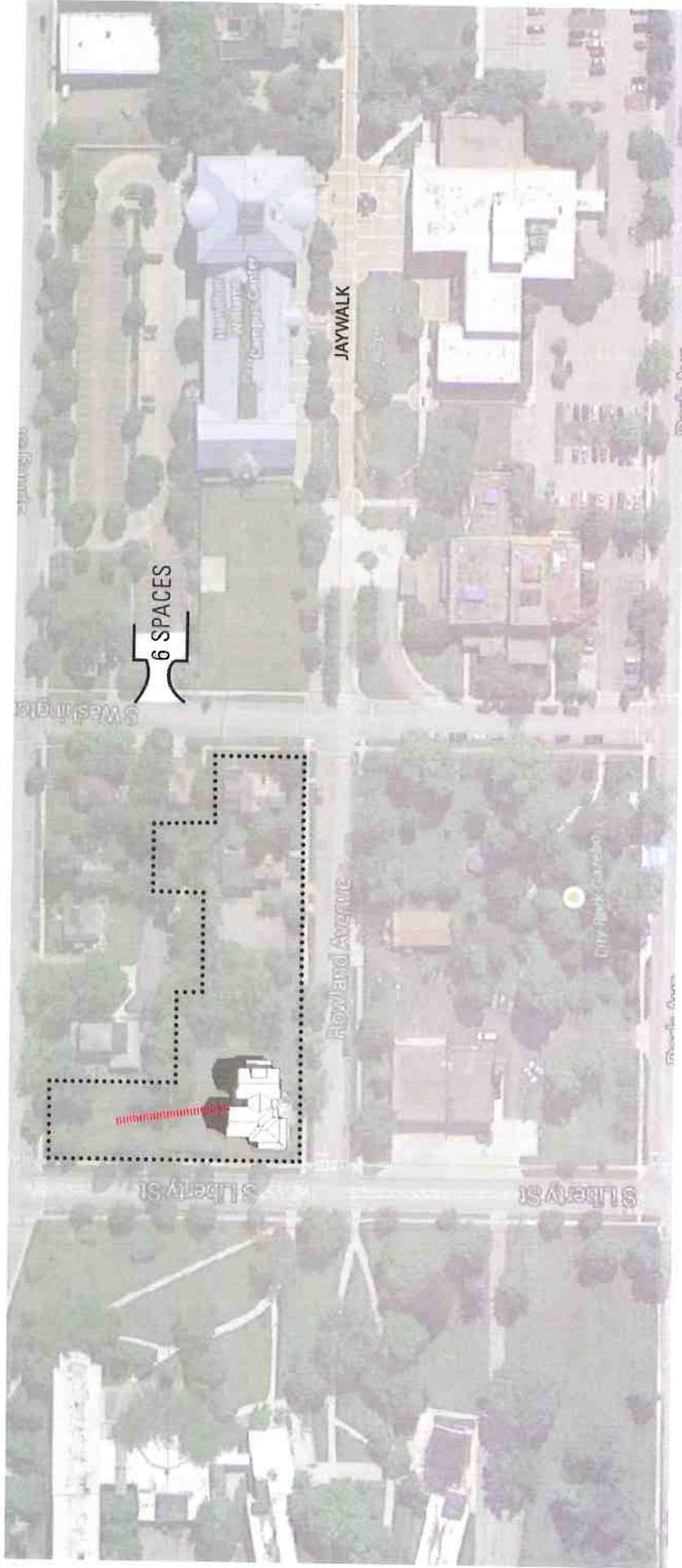


OHIO WESLEYAN UNIVERSITY SMALL LIVING UNITS



EXISTING

# OHIO WESLEYAN UNIVERSITY SMALL LIVING UNITS



## PHASE I 1ST SLU

- ADD STORM PIPING TO NW FOR SLU 1
- ALLOCATE 6 PARKING SPACES AT HWCC



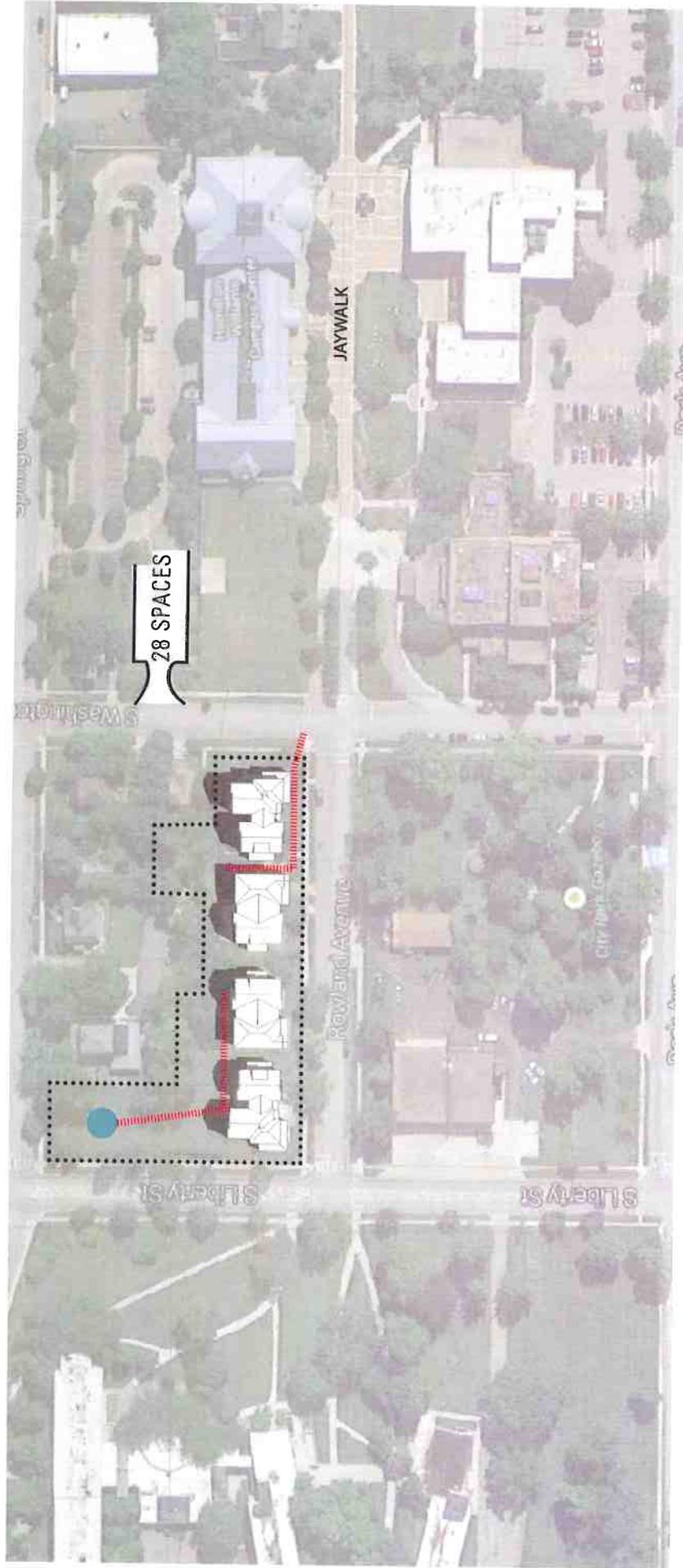
# OHIO WESLEYAN UNIVERSITY SMALL LIVING UNITS



## PHASE 3 3RD SLU

- ADD STORM PIPING FOR SLU 3 TO EXISTING BOX, ADD STORM BASIN
- ALLOCATE 11 MORE PARKING SPACES AT HWCC

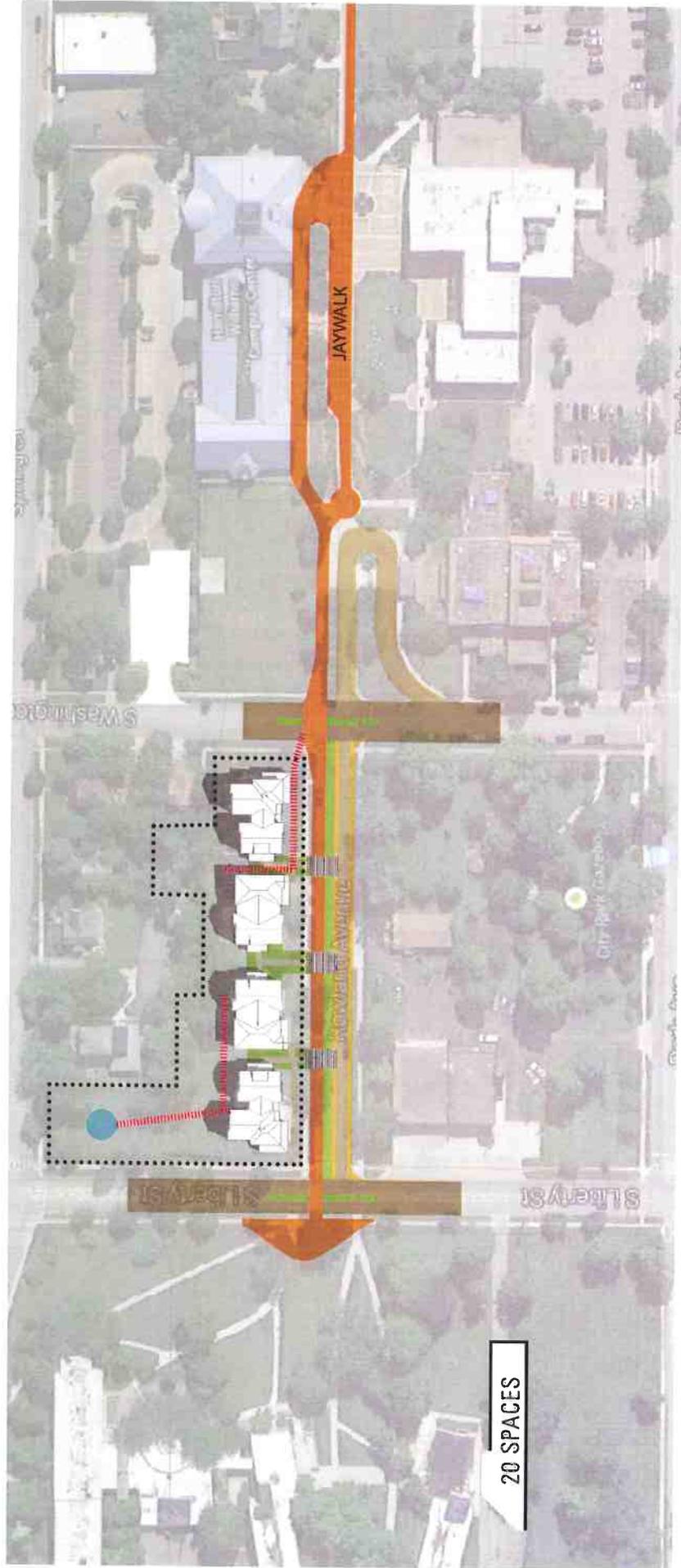
# OHIO WESLEYAN UNIVERSITY SMALL LIVING UNITS



## PHASE 4 4TH SLU

- NO CHANGE TO STORM DRAINAGE PLAN
- ALLOCATE 11 MORE PARKING SPACES AT HWCC

# OHIO WESLEYAN UNIVERSITY SMALL LIVING UNITS



## PHASE 5 CLOSING ROWLAND AVE

- NO CHANGE TO STORM DRAINAGE PLAN
- ADD 20 NEW PARKING SPACES TO BASHFORD LOT

Ohio Wesleyan University

Rowland Avenue Student  
Housing Parking Study

**Parking Management- Campus Wide:**

|                                           |                   |
|-------------------------------------------|-------------------|
| Total Spaces Available                    | <u>1,605</u>      |
| Reserved for ADA                          | (54)              |
| Reserved for Residential Life Staff       | (8)               |
| Reserved for Admissions visitors          | (8)               |
| Reserved for Short term/deliveries        | (25)              |
| Reserved for public safety                | (7)               |
| Reserved for faculty and staff            | (500)             |
| Reserved for Aramark/Chartwells employees | <u>(120)</u>      |
| <b>Net Student Parking Spaces</b>         | <u><b>882</b></u> |

## AY15 Student Parking Demand

|                              |              |
|------------------------------|--------------|
| Fall enrollment              | 1,716        |
| Students studying abroad     | <u>(50)</u>  |
| Delaware based students      | <u>1,666</u> |
| Student parking permits sold | <u>721</u>   |
| % of students with cars      | 43%          |

## Parking Supply vs. Demand

|                        |            |
|------------------------|------------|
| Student Parking Supply | 882        |
| Student Parking Demand | <u>721</u> |
| Surplus/(Deficit)      | <u>161</u> |

OWU has a *surplus* of student parking

**Options for Meeting Higher Concentrations of student parking  
Along Rowland Avenue**

1. Allocate HWCC west lot to student parking- 24 spaces
2. Build spaces at Bashford Hall

**Phase 1: Corner of Rowland & Liberty**

|                                                      |          |
|------------------------------------------------------|----------|
| Raze 118 Rowland Avenue                              | -12      |
| Construct Building                                   | +24      |
| Net new students at 118 Rowland Avenue               | 12       |
| <b>Net Parking Spaces Required (@ 43% headcount)</b> | <b>6</b> |

**ACTION PLAN: CONVERT 6 SPACES AT HWCC TO STUDENT  
PARKING**



**Phase 3: Rowland Avenue**

|                                    |     |
|------------------------------------|-----|
| Construct 3 <sup>rd</sup> Building | +24 |
| Net new students                   | 24  |
| Net new cars (@ 43% headcount)     | 11  |

**ACTION PLAN: CONVERT 11 SPACES AT HWCC TO STUDENT  
PARKING**

**Phase 4: Rowland Avenue**

|                                    |     |
|------------------------------------|-----|
| Construct 4 <sup>th</sup> Building | +24 |
| Net new students                   | 24  |
| Net new cars (@ 43% headcount)     | 11  |

**ACTION PLAN: ADD 11 SPACES AT HWCC TO STUDENT PARKING**

**Phase 5: Close Rowland Avenue**

Street Parking reduced by 20 Spaces

**ACTION PLAN: BUILD 20 NEW SPACES AT BASHFORD LOT TO  
SUPPORT THE PARK**

## Rowland Avenue Parking Summary

|                               | Number of New Spaces Needed |
|-------------------------------|-----------------------------|
| Phase 1: Rowland & Liberty    | 6                           |
| Phase 2: Rowland & Washington | 0                           |
| Phase 3: Rowland Avenue       | 11                          |
| Phase 4: Rowland Avenue       | 11                          |
| Phase 5: Close Rowland Avenue | 20                          |
| <b>TOTAL</b>                  | <b>48</b>                   |



## MEMO

**Date:** July 6, 2015  
**To:** City of Delaware  
**From:** Doug Turney, PE, CFM  
**Subject:** Ohio Wesleyan University Small Living Units (SLU) Housing – Stormwater Management  
**Copies:** Jessica Chouteau, PE; Chris Fleming, PE

---

This development proposes to build (4) residential buildings along Rowland Avenue between South Liberty Street and South Washington Street. The 1<sup>st</sup> phase will be the demolition of an existing house at 118 Rowland Avenue and the construction of a single residential building. Since the 1<sup>st</sup> phase is less than an acre, water quality is not required. With full build-out, the disturbed area is anticipated to remain less than an acre, therefore not requiring water quality controls.

The phase 1 building drains three directions as shown on the preliminary plan, but for the full-build out plan the intent is to install a detention basin with Phase 1 north of the Phase 1 structure and drain all of the roof drainage to the basin which will outlet to an existing curb and gutter inlet on South Liberty Street. The predeveloped impervious area to South Liberty Street is only 428 square feet and increases to 8436 square feet with development of Phase 1 and the next building to the east when funding becomes available for that structure. The increase in runoff volume to South Liberty Street is over 500%, resulting in a 100-year critical storm for Phase 1 and future building. The resulting storage volume needed for the proposed basin is 725 cubic feet with an additional amount required for freeboard.

For the ultimate build-out, the two buildings to the east closest to South Washington Street will continue to drain in that direction. The predeveloped impervious area to South Washington Street is 11,463 square feet and decreases to 10,659 square feet with full development, therefore no detention is required for the first two buildings west of South Washington. The diversion of impervious area to South Liberty Street associated with the western two buildings enables to the eastern two buildings to discharge without any detention controls, however, the diversion negatively impacts the volume of detention required for the project.



## FACT SHEET

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AGENDA ITEM NO: 17

DATE: 8/24/15

ORDINANCE NO: 15-79

RESOLUTION NO:

READING: SECOND

PUBLIC HEARING: **YES**  
**August 24, 2015 7:00 p.m.**

---

TO: Mayor and Members of City Council

FROM: R. Thomas Homan, City Manager

VIA: David Efland, Planning and Community Development Director

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**TITLE OF PROPOSED ORDINANCE/RESOLUTION:**

AN ORDINANCE APPROVING A CONDITIONAL USE PERMIT FOR OHIO WESLEYAN UNIVERSITY ALLOWING THE PLACEMENT OF A PMU (PLANNED MIXED USE OVERLAY DISTRICT) TO BE ESTABLISHED FOR SMALL LIVING UNITS (SLU'S) PHASES 1-5 ON APPROXIMATELY 1.373 ACRES LOCATED ON THE NORTH SIDE OF ROWLAND AVENUE BETWEEN SOUTH WASHINGTON STREET AND SOUTH LIBERTY STREET.

**BACKGROUND:**

Ohio Wesleyan University is proposing to raze the existing houses along the north side of Rowland Avenue which accommodates student housing and replace them with new small living unit (SLU's) student housing which would occur in four phases. The four new SLU's would allow the University to locate all the housing along the pedestrian corridor linking the residential area with the academic area of the campus. The existing houses would only be demolished when funding for each new SLU would be obtained. In Phase 5, Ohio Wesleyan's ultimate goal (this has been discussed with the City in the past) is to have Rowland Avenue vacated for vehicular travel and be utilized exclusively for pedestrians to extend the "jaywalk" concept in this area. Again, the City and University have discussed this possibility in general terms over several years and generally have agreed that it is a potential long term plan; however, both entities have discussed that much more detailed planning in this regard is needed and many more details would need to be worked out prior to a

formal application for vacation and Final Development Plan for Phase 5 being submitted. This approval would identify the vacation as part of the OWU long term plan.

**REASON WHY LEGISLATION IS NEEDED:**

N/A

**COMMITTEE RECOMMENDATION:**

Planning Commission approved this case 6-0 on August 5, 2015.

**FISCAL IMPACT(S):**

N/A

**POLICY CHANGES:**

N/A

**PRESENTER(S):**

David Efland, Planning and Community Development Director

**RECOMMENDATION:**

Staff recommends approval with the documented conditions.

**ATTACHMENT(S)**

ORDINANCE NO. 15-79

AN ORDINANCE APPROVING A CONDITIONAL USE PERMIT FOR OHIO WESLEYAN UNIVERSITY ALLOWING THE PLACEMENT OF A PMU (PLANNED MIXED USE OVERLAY DISTRICT) TO BE ESTABLISHED FOR SMALL LIVING UNITS (SLU'S) PHASES 1-5 ON APPROXIMATELY 1.373 ACRES LOCATED ON THE NORTH SIDE OF ROWLAND AVENUE BETWEEN SOUTH WASHINGTON STREET AND SOUTH LIBERTY STREET.

WHEREAS, the Planning Commission at its meeting of August 5, 2015, recommended approval of a Conditional Use Permit for Ohio Wesleyan University allowing the placement of a PMU (Planned Mixed Use Overlay District) to be established for Small Living Units (SLU's) Phases 1-5 on approximately 1.373 acres located on the north side of Rowland Avenue between South Washington Street and South Liberty Street (PC 2015-1324), and

NOW THEREFORE, BE IT ORDAINED by the Council of the City of Delaware, State of Ohio:

SECTION 1. That the Conditional Use Permit for Ohio Wesleyan University allowing the placement of a PMU (Planned Mixed Use Overlay District) to be established for Small Living Units (SLU's) Phases 1-5 on approximately 1.373 acres located on the north side of Rowland Avenue between South Washington Street and South Liberty Street and is hereby confirmed, approved, and accepted.

SECTION 2. This Council finds and determines that all formal actions of this Council and any of its committees concerning and relating to the passage of this Ordinance were taken in an open meeting of this Council, and that all deliberations of this Council and any of its committees that resulted in those formal actions were in meetings open to the public, all in compliance with the law including Section 121.22 of the Revised Code.

VOTE ON RULE SUSPENSION:

YEAS\_\_\_NAYS\_\_\_  
ABSTAIN \_\_\_

PASSED: \_\_\_\_\_, 2015

YEAS\_\_\_NAYS\_\_\_  
ABSTAIN \_\_\_

ATTEST: \_\_\_\_\_  
CITY CLERK

\_\_\_\_\_  
MAYOR



## FACT SHEET

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AGENDA ITEM NO: 18

DATE: 8/24/15

ORDINANCE NO: 15-80

RESOLUTION NO:

READING: SECOND

PUBLIC HEARING: NO

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TO: Mayor and Members of City Council

FROM: R. Thomas Homan, City Manager

VIA: David Efland, Planning and Community Development Director

---

**TITLE OF PROPOSED ORDINANCE/RESOLUTION:**

AN ORDINANCE APPROVING A PRELIMINARY DEVELOPMENT PLAN FOR OHIO WESLEYAN UNIVERSITY FOR SMALL LIVING UNITS (SLU'S) PHASES 1-5 ON APPROXIMATELY 1.373 ACRES LOCATED ON THE NORTH SIDE OF ROWLAND AVENUE BETWEEN SOUTH WASHINGTON STREET AND SOUTH LIBERTY STREET ON PROPERTY ZONED PO/I PMU (PLANNED OFFICE/INSTITUTIONAL DISTRICT WITH A PLANNED MIXED USE OVERLAY DISTRICT).

**BACKGROUND:**

Ohio Wesleyan University is proposing to raze the existing houses along the north side of Rowland Avenue which accommodates student housing and replace them with new small living unit (SLU's) student housing which would occur in four phases. The four new SLU's would allow the University to locate all the housing along the pedestrian corridor linking the residential area with the academic area of the campus. The existing houses would only be demolished when funding for each new SLU would be obtained. In Phase 5, Ohio Wesleyan's ultimate goal (this has been discussed with the City in the past) is to have Rowland Avenue vacated for vehicular travel and be utilized exclusively for pedestrians to extend the "jaywalk" concept in this area. Again, the City and University have discussed this possibility in general terms over several years and generally have agreed that it is a potential long term plan; however, both entities have discussed that much more detailed planning in this regard is needed and many more details would need to be worked out prior to a

formal application for vacation and Final Development Plan for Phase 5 being submitted. This approval would identify the vacation as part of the OWU long term plan.

**REASON WHY LEGISLATION IS NEEDED:**

N/A

**COMMITTEE RECOMMENDATION:**

Planning Commission approved this case 6-0 on August 5, 2015.

**FISCAL IMPACT(S):**

N/A

**POLICY CHANGES:**

N/A

**PRESENTER(S):**

David Efland, Planning and Community Development Director

**RECOMMENDATION:**

Staff recommends approval with the documented conditions.

**ATTACHMENT(S)**

ORDINANCE NO. 15-80

AN ORDINANCE APPROVING A PRELIMINARY DEVELOPMENT PLAN FOR OHIO WESLEYAN UNIVERSITY FOR SMALL LIVING UNITS (SLU'S) PHASES 1-5 ON APPROXIMATELY 1.373 ACRES LOCATED ON THE NORTH SIDE OF ROWLAND AVENUE BETWEEN SOUTH WASHINGTON STREET AND SOUTH LIBERTY STREET ON PROPERTY ZONED PO/I PMU (PLANNED OFFICE/INSTITUTIONAL DISTRICT WITH A PLANNED MIXED USE OVERLAY DISTRICT).

WHEREAS, the Planning Commission at its meeting of August 5, 2015, recommended approval of a Preliminary Development Plan for Ohio Wesleyan University for Small Living Units (SLU's) Phases 1-5 on approximately 1.373 acres located on the north side of Rowland Avenue between South Washington Street and South Liberty Street on property zoned PO/I PMU (Planned Office/Institutional District with a Planned Mixed Use Overlay District) (PC 2015-1325), and

NOW THEREFORE, BE IT ORDAINED by the Council of the City of Delaware, State of Ohio:

SECTION 1. That the Preliminary Development Plan for Ohio Wesleyan University for Small Living Units (SLU's) Phases 1-5 on approximately 1.373 acres located on the north side of Rowland Avenue between South Washington Street and South Liberty Street on property zoned PO/I PMU (Planned Office/Institutional District with a Planned Mixed Use Overlay District) and is hereby confirmed, approved, and accepted, with the following conditions that:

1. The applicant needs to obtain engineering approvals, including any storm water and utility issues that need to be worked out through the Engineering and Utilities Departments. All comments regarding the layout and details of the project are preliminary and subject to modification or change based on the final technical review by the Engineering Department once a complete plan set is submitted for review.
2. Any new SLU shall achieve compliance with the design standards of the approved development text per the submitted building elevations.
3. Any tree removal shall comply with Chapter 1168 Tree Preservation Regulations along with the approved development text.
4. Any landscape plans shall be reviewed and approved by the Shade Tree Commission.
5. Any lighting plan shall be reviewed and approved by the Chief Building Official.

6. The seven parcels shall be consolidated prior to the occupancy permit of the second SLU.

SECTION 2. This Council finds and determines that all formal actions of this Council and any of its committees concerning and relating to the passage of this Ordinance were taken in an open meeting of this Council, and that all deliberations of this Council and any of its committees that resulted in those formal actions were in meetings open to the public, all in compliance with the law including Section 121.22 of the Revised Code.

VOTE ON RULE SUSPENSION:

YEAS \_\_\_ NAYS \_\_\_  
ABSTAIN \_\_\_

PASSED: \_\_\_\_\_, 2015

YEAS \_\_\_ NAYS \_\_\_  
ABSTAIN \_\_\_

ATTEST: \_\_\_\_\_  
CITY CLERK

\_\_\_\_\_  
MAYOR



## FACT SHEET

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AGENDA ITEM NO: 19

DATE: 8/24/15

ORDINANCE NO: 15-81

RESOLUTION NO:

READING: SECOND

PUBLIC HEARING: NO

---

TO: Mayor and Members of City Council

FROM: R. Thomas Homan, City Manager

VIA: David Efland, Planning and Community Development Director

---

**TITLE OF PROPOSED ORDINANCE/RESOLUTION:**

AN ORDINANCE APPROVING A FINAL DEVELOPMENT PLAN FOR OHIO WESLEYAN UNIVERSITY FOR SMALL LIVING UNITS (SLU'S) PHASE 1 ON APPROXIMATELY 1.373 ACRES LOCATED ON THE NORTH SIDE OF ROWLAND AVENUE BETWEEN SOUTH WASHINGTON STREET AND SOUTH LIBERTY STREET ON PROPERTY ZONED PO/I PMU (PLANNED OFFICE/INSTITUTIONAL DISTRICT WITH A PLANNED MIXED USE OVERLAY DISTRICT).

**BACKGROUND:**

Ohio Wesleyan University is proposing to raze the existing houses along the north side of Rowland Avenue which accommodates student housing and replace them with new small living unit (SLU's) student housing which would occur in four phases. The four new SLU's would allow the University to locate all the housing along the pedestrian corridor linking the residential area with the academic area of the campus. The existing houses would only be demolished when funding for each new SLU would be obtained. In Phase 5, Ohio Wesleyan's ultimate goal (this has been discussed with the City in the past) is to have Rowland Avenue vacated for vehicular travel and be utilized exclusively for pedestrians to extend the "jaywalk" concept in this area. Again, the City and University have discussed this possibility in general terms over several years and generally have agreed that it is a potential long term plan; however, both entities have discussed that much more detailed planning in this regard is needed and many more details would need to be worked out prior to a

formal application for vacation and Final Development Plan for Phase 5 being submitted. This approval would identify the vacation as part of the OWU long term plan.

**REASON WHY LEGISLATION IS NEEDED:**

N/A

**COMMITTEE RECOMMENDATION:**

Planning Commission approved this case 6-0 on August 5, 2015.

**FISCAL IMPACT(S):**

N/A

**POLICY CHANGES:**

N/A

**PRESENTER(S):**

David Efland, Planning and Community Development Director

**RECOMMENDATION:**

Staff recommends approval with the documented conditions.

**ATTACHMENT(S)**

ORDINANCE NO. 15-81

AN ORDINANCE APPROVING A FINAL DEVELOPMENT PLAN FOR OHIO WESLEYAN UNIVERSITY FOR SMALL LIVING UNITS (SLU'S) PHASE 1 ON APPROXIMATELY 1.373 ACRES LOCATED ON THE NORTH SIDE OF ROWLAND AVENUE BETWEEN SOUTH WASHINGTON STREET AND SOUTH LIBERTY STREET ON PROPERTY ZONED PO/I PMU (PLANNED OFFICE/INSTITUTIONAL DISTRICT WITH A PLANNED MIXED USE OVERLAY DISTRICT).

WHEREAS, the Planning Commission at its meeting of August 5, 2015, recommended approval of a Final Development Plan for Ohio Wesleyan University for Small Living Units (SLU's) Phase 1 on approximately 1.373 acres located on the north side of Rowland Avenue between South Washington Street and South Liberty Street on property zoned PO/I PMU (Planned Office/Institutional District with a Planned Mixed Use Overlay District) (PC 2015-1326), and

NOW THEREFORE, BE IT ORDAINED by the Council of the City of Delaware, State of Ohio:

SECTION 1. That the Final Development Plan for Ohio Wesleyan University for Small Living Units (SLU's) Phase 1 on approximately 1.373 acres located on the north side of Rowland Avenue between South Washington Street and South Liberty Street on property zoned PO/I PMU (Planned Office/Institutional District with a Planned Mixed Use Overlay District) and is hereby confirmed, approved, and accepted, with the following conditions that:

1. The applicant needs to obtain engineering approvals, including any storm water and utility issues that need to be worked out through the Engineering and Utilities Departments. All comments regarding the layout and details of the project are preliminary and subject to modification or change based on the final technical review by the Engineering Department once a complete plan set is submitted for review.
2. The new SLU shall achieve compliance with the design standards of the approved development text per the submitted building elevation.
3. Any tree removal shall comply with Chapter 1168 Tree Preservation Regulations along with the approved development text.
4. The landscape plan shall be submitted, reviewed and approved by the Shade Tree Commission.
5. The lighting plan shall be submitted, reviewed and approved by the Chief Building Official.

SECTION 2. This Council finds and determines that all formal actions of this Council and any of its committees concerning and relating to the passage of this Ordinance were taken in an open meeting of this Council, and that all deliberations of this Council and any of its committees that resulted in those formal actions were in meetings open to the public, all in compliance with the law including Section 121.22 of the Revised Code.

VOTE ON RULE SUSPENSION:

YEAS\_\_\_NAYS\_\_\_  
ABSTAIN \_\_\_

PASSED: \_\_\_\_\_, 2015

YEAS\_\_\_ NAYS\_\_\_  
ABSTAIN \_\_\_

ATTEST: \_\_\_\_\_  
CITY CLERK

\_\_\_\_\_  
MAYOR



## FACT SHEET

---

AGENDA ITEM NO: 20

DATE: 8/24/15

ORDINANCE NO: 15-60

RESOLUTION NO:

READING: SECOND

PUBLIC HEARING: **YES**  
**August 24, 2015 at 7:15 p.m.**

---

TO: Mayor and Members of City Council

FROM: R. Thomas Homan, City Manager

VIA: N/A

---

**TITLE OF PROPOSED ORDINANCE/RESOLUTION:**

AN ORDINANCE TO AMEND SECTIONS 191.03 AND 191.14 OF THE CODIFIED ORDINANCES OF THE CITY OF DELAWARE, OHIO, TO PROVIDE FOR THE CONTINUATION OF AN EXISTING FIFTEEN ONE-HUNDREDTHS OF ONE PERCENT (0.15%) LEVY ON INCOME BY THE CITY FOR THE PURPOSE OF IMPROVING MUNICIPAL RECREATION FACILITIES AND PAYING THE DEBT SERVICE CHARGES ON SECURITIES ISSUED FOR THAT PURPOSE, BUT TO PROVIDE THAT THE FINAL CALENDAR YEAR IN WHICH THAT TAX MAY BE LEVIED SHALL BE THE CALENDAR YEAR IN WHICH THE DEBT SERVICE CHARGES ON SECURITIES ISSUED FOR THAT PURPOSE AND OUTSTANDING AS OF JUNE 1, 2015, AND ON ANY SECURITIES HEREAFTER ISSUED TO REFUND THOSE SECURITIES, HAVE BEEN FULLY PAID OR PROVIDED FOR.

**BACKGROUND:**

This ordinance will replace Resolution No. 13-39, which placed a limit on spending from the Recreation Levy.

**REASON WHY LEGISLATION IS NEEDED:**

This ordinance is the recommended alternative to placing similar language on the ballot.

**COMMITTEE RECOMMENDATION:**

N/A

**FISCAL IMPACT(S):**

No additional cost to the City.

**POLICY CHANGES:**

Places restriction on spending and borrowing on the tax levy funds

**PRESENTER(S):**

Andrew Brush, Fourth Ward Council Member

**RECOMMENDATION:**

**ATTACHMENT(S)**

N/A

ORDINANCE NO. 15-60

AN ORDINANCE TO AMEND SECTIONS 191.03 AND 191.14 OF THE CODIFIED ORDINANCES OF THE CITY OF DELAWARE, OHIO, TO PROVIDE FOR THE CONTINUATION OF AN EXISTING FIFTEEN ONE-HUNDREDTHS OF ONE PERCENT (0.15%) LEVY ON INCOME BY THE CITY FOR THE PURPOSE OF IMPROVING MUNICIPAL RECREATION FACILITIES AND PAYING THE DEBT SERVICE CHARGES ON SECURITIES ISSUED FOR THAT PURPOSE, BUT TO PROVIDE THAT THE FINAL CALENDAR YEAR IN WHICH THAT TAX MAY BE LEVIED SHALL BE THE CALENDAR YEAR IN WHICH THE DEBT SERVICE CHARGES ON SECURITIES ISSUED FOR THAT PURPOSE AND OUTSTANDING AS OF JUNE 1, 2015, AND ON ANY SECURITIES HEREAFTER ISSUED TO REFUND THOSE SECURITIES, HAVE BEEN FULLY PAID OR PROVIDED FOR.

NOW, THEREFORE, BE IT ORDAINED by The Council of The City of Delaware, State of Ohio, that:

SECTION 1. The initial paragraph of Section 191.03 of the Codified Ordinances of the City of Delaware, Ohio, is hereby amended to read as follows effective January 1, 2016:

**“191.03. - Imposition of tax.**

- (a) Subject to the provisions of Section 191.15, an annual tax for the purposes specified in Section 191.01, shall be imposed on and after January 1, 2011 at the rate of one and eighty-five one-hundredths percent (1.85%) per annum, and shall be imposed at the rate of one and seventy one-hundredths percent (1.70%) per annum on and after January 1 of the calendar year next succeeding the calendar year in which the debt service charges on all of the securities described in Section 191.14(b) have been fully paid or provided for, upon the following:”

SECTION 2. Section 191.14 of the Codified Ordinances of the City of Delaware, Ohio, is hereby amended to read as follows effective January 1, 2016:

**“191.14 Allocation of Funds.**

The amounts collected under the provisions of this chapter shall be allocated in such manner as provided by ordinances adopted by Council, with the following exceptions:

- (a) An amount equal to that generated by a tax of four-tenths of one percent (0.4%) shall be paid into the Fire/EMS Income Tax Fund and used solely for the purpose of paying the costs of fire protection, suppression, and emergency medical services.
  
- (b) An amount equal to that generated by a tax of fifteen one-hundredths of one percent (0.15%) shall be paid into a special fund or funds and used solely for the purpose of paying the costs of improving the municipal recreation facilities, including construction of a recreation center to provide fitness, track, swimming, and indoor and outdoor multi-purpose facilities, and athletic fields, and the construction, renovation and improvement of other municipal recreation facilities, including the provision of furnishing and equipment for the center and all of such other facilities, and acquiring related interests in real property and otherwise improving the same, together with all necessary appurtenances thereto and paying the debt service charges and related costs of securities issued to pay the costs of the center and such other facilities, through December 31 of the calendar year in which the debt service charges on securities issued for any such purposes and outstanding as of June 1, 2015, and on any securities hereafter issued to refund those securities, have been fully paid or provided for.”

SECTION 3. Effective January 1, 2016, Sections 191.03 and 191.14 of the Codified Ordinances of the City of Delaware, Ohio, as each heretofore existed, are hereby amended as set forth herein; provided, however, that no provision of this Ordinance, including the amendment of Sections 191.03 and 191.14 of the Codified Ordinances of the City of Delaware, Ohio, as each heretofore existed, shall in any way affect any rights or obligations of the City, any taxpayer, any holder of City securities payable from the Existing Income Tax Levy, or any other person, official or entity, with respect to the fifteen one-hundredths of one percent municipal income taxes authorized by predecessor Sections 191.03 and 191.14.

SECTION 4. This Council finds and determines that all formal actions of this Council concerning and relating to the passage of this Ordinance were

taken, and that all deliberations of this Council and of any its committees that resulted in such formal action were held in meetings open to the public, in compliance with the law.

SECTION 5. Resolution No. 13-39 is hereby repealed because it is superseded by this Ordinance.

SECTION 6. This Ordinance shall be in full force and effect on January 1, 2016.

VOTE ON RULE SUSPENSION:

YEAS\_\_\_NAYS\_\_\_  
ABSTAIN \_\_\_

PASSED: \_\_\_\_\_, 2015

YEAS\_\_\_NAYS\_\_\_  
ABSTAIN \_\_\_

ATTEST: \_\_\_\_\_  
CITY CLERK

\_\_\_\_\_  
MAYOR



## ORDINANCE FACT SHEET

---

AGENDA ITEM NO: 21

DATE: August 24, 2015

ORDINANCE NO: 15-87

RESOLUTION NO:

READING: First

PUBLIC HEARING: NO

---

TO: Mayor and Members of City Council

FROM: R. Thomas Homan, City Manager

VIA: Dan Whited, Public Service Group Director

---

**TITLE OF PROPOSED ORDINANCE/RESOLUTION:**

AN ORDINANCE SUPPLEMENTING THE 2015 APPROPRIATIONS ORDINANCE, TO PROVIDE ADDITIONAL FUNDING FOR A PROFESSIONAL ENGINEERING CONTRACT WITH POMEROY & ASSOCIATES TO PROVIDE A STORM WATER STUDY, AND DECLARING AN EMERGENCY.

**BACKGROUND:**

In order to advance construction of the southwest industrial park west of Innovation Court and Owen Fraley Roads, east of South Section Line Road, south of Airport Road, and north of US 42, it is critical that a detailed storm water study be completed. The study will provide the City with necessary information regarding the existing storm water drainage patterns, required storm water improvements, and the storm water runoff rates for the study area to enable the further extension of Sawmill Parkway to the west.

**REASON WHY LEGISLATION IS NEEDED:**

If approved by City Council, this study will be completed in 2015. The study will provide information required for storm water improvements that will need to be completed before the continued extension of Sawmill Parkway west of Innovation Court toward Section Line Road can occur (along with associated water and sewer improvements).

**COMMITTEE RECOMMENDATION:**

N/A

**FISCAL IMPACT(S):**

Storm Water Fund  
Professional Services  
\$19,000

**POLICY CHANGES:**

N/A

**PRESENTER(S):**

Dan Whited, Public Service Group Director  
Brad Stanton, Public Utilities Director

**RECOMMENDATION:**

Approval

**ATTACHMENT(S)**

N/A

ORDINANCE NO. 15-87

AN ORDINANCE SUPPLEMENTING THE 2015 APPROPRIATIONS ORDINANCE, TO PROVIDE ADDITIONAL FUNDING FOR A PROFESSIONAL ENGINEERING CONTRACT WITH POMEROY & ASSOCIATES TO PROVIDE A STORM WATER STUDY, AND DECLARING AN EMERGENCY.

WHEREAS, the City of Delaware Public Service Group is recommending professional engineering services to prepare a storm water master plan for the City's Southwest Industrial Park Area.

WHEREAS, the Public Service Group has determine the study will provide existing storm water drainage patterns, required storm water improvements and runoff rates for the study area, and

WHEREAS, the Storm Water Study and Evaluation is critical to advancing additional infrastructure improvements in the City's Southwest Industrial Park Area, and

WHEREAS, the Public Service Group received an engineering proposal from Pomeroy & Associates to complete the necessary engineering services, and

WHEREAS, Pomeroy & Associates is qualified to complete the project engineering services for a fee in the amount of \$19,000, and

WHEREAS, a supplemental appropriation will be necessary to fund the Storm Water Study to the 2015 budget.

NOW THEREFORE BE IT ORDAINED BY THE COUNCIL OF THE CITY OF DELAWARE, OHIO THAT:

SECTION 1. That there is hereby appropriated from the unencumbered balance of the Storm Water Fund \$19,000 increasing the following account:

|                       |                 |          |
|-----------------------|-----------------|----------|
| Professional Services | (203-0203-5230) | \$19,000 |
|-----------------------|-----------------|----------|

SECTION 2. This Council finds and determines that all formal actions of this Council and any of its committees concerning and relating to the passage of this Ordinance were taken in an open meeting of this Council, and that all deliberations of this Council and any of its committees that resulted in those formal actions were in meetings open to the public, all in compliance with the law including Section 121.22 of the Revised Code.

SECTION 3. EMERGENCY CLAUSE. That this ordinance is hereby declared to be an emergency measure necessary to provide for the public peace, safety, health and welfare of the City and for the further reason to provide for the timely completion of the project in 2015, and as such will be in full force and be in effect immediately upon its passage.

VOTE ON RULE SUSPENSION:

YEAS \_\_\_ NAYS \_\_\_  
ABSTAIN \_\_\_

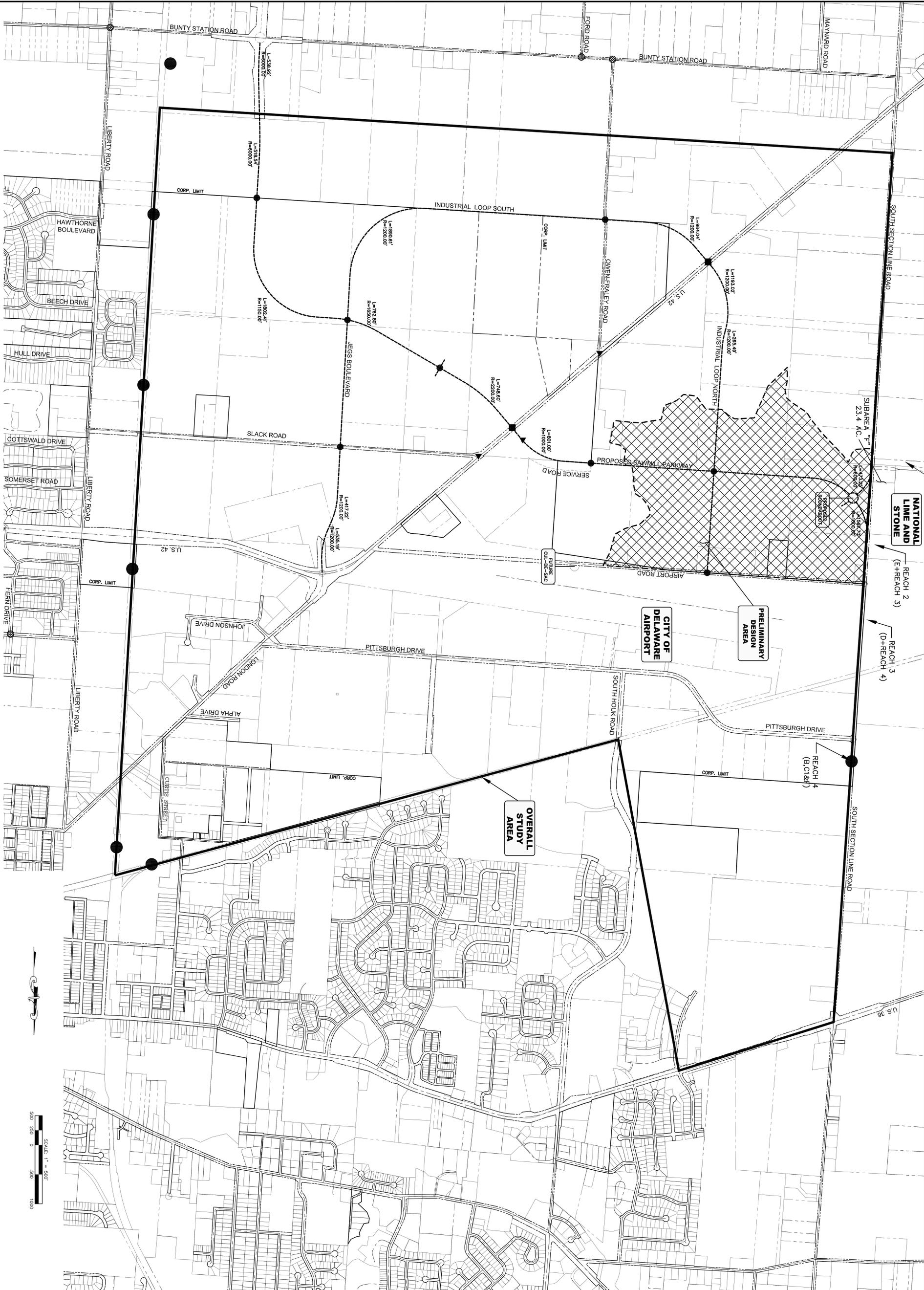
PASSED: \_\_\_\_\_, 2015

YEAS \_\_\_ NAYS \_\_\_  
ABSTAIN \_\_\_

ATTEST: \_\_\_\_\_  
CITY CLERK

\_\_\_\_\_  
MAYOR

**SOUTHWEST DELAWARE STORM SEWER  
MASTER STUDY AREA EXHIBIT**



OVERALL STUDY AREA

CITY OF DELAWARE AIRPORT

PRELIMINARY DESIGN AREA

NATIONAL LINE AND REACH 2 (E+REACH 3)

REACH 3 (D+REACH 4)

REACH 4 (B,C1&F)



● = EXISTING STORM SEWER OUTFALL

**SOUTHWEST DELAWARE STORM SEWER  
MASTER STUDY AREA EXHIBIT  
CITY OF DELAWARE, OHIO**

**Pomeroy & Associates**  
Ltd.  
Consulting Engineers & Surveyors  
599 Scherers Court • Worthington, Ohio 43085  
Phone (614)885-2498 • Fax (614)885-2886

|            |        |
|------------|--------|
| JOB NO.    | P-2333 |
| DRAWN BY   | TJM    |
| DESIGN BY  | CMT    |
| CHECKED BY | CMT    |
| SHEET      | 1      |
| OF         | 1      |



## FACT SHEET

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AGENDA ITEM NO: 22

DATE: 8/24/15

ORDINANCE NO: 15-88

RESOLUTION NO:

READING: FIRST

PUBLIC HEARING: NO

---

TO: Mayor and Members of City Council

FROM: R. Thomas Homan, City Manager

VIA: Jessica Feller, HR Manager

---

**TITLE OF PROPOSED ORDINANCE/RESOLUTION:**

AN ORDINANCE AMENDING ORDINANCE NO. 15-57 ESTABLISHING THE PAY AND BENEFITS FOR VARIOUS PART-TIME AND INTERMITTENT/SEASONAL EMPLOYEES OF THE CITY OF DELAWARE.

**BACKGROUND:**

The Fair Labor Standards Act (FLSA) provides an exemption for employees engaged in fire protection that calculates overtime based on a “work period” basis vs. the standard of 40 hours per week. According to U.S. Department of Labor Wage and Hour Division Fact Sheet #8, overtime is required for hours worked in excess of 212 over a 28 day period. This amendment to the pay plan matches the requirements of the FLSA.

Under the Affordable Care Act the City must keep part-time employees under 1500 hours in a calendar year.

**REASON WHY LEGISLATION IS NEEDED:**

The changes included in this legislation are needed to begin hiring permanent part-time firefighters. Staff is seeking to hire staff prior to the end of the year, making this ordinance necessary.

**COMMITTEE RECOMMENDATION:**

N/A

**FISCAL IMPACT(S):**

This legislation adds an increase for permanent part-time firefighters who work a holiday. The change in overtime calculation reflects the fact that part-time firefighters will be working a 24 hour shift, and therefore fall under the FLSA 7(k) exemption detailed above. This will save the city overtime expense.

**POLICY CHANGES:**

**PRESENTER(S):**

Jessica Feller, HR Manager

**RECOMMENDATION:**

Approval at second reading

**ATTACHMENT(S)**

N/A

ORDINANCE NO. 15-88

AN ORDINANCE AMENDING ORDINANCE NO. 15-57 ESTABLISHING THE PAY AND BENEFITS FOR VARIOUS PART-TIME AND INTERMITTENT, AND SEASONAL EMPLOYEES OF THE CITY OF DELAWARE.

WHEREAS, the City hires various part-time, intermittent/seasonal employees that can be divided into two classifications, to wit: permanent part-time and intermittent seasonal, and

WHEREAS, Section 155.09, Appointment Status, of the Codified Ordinances of the City of Delaware defines part-time employment, and Ordinance No. 15-57 established pay and benefits for various part-time employees of the City, and

WHEREAS, it is necessary to clarify the wages and benefits for each classification of part-time and intermittent/seasonal employees.

NOW THEREFORE, BE IT ORDAINED by the Council of the City of Delaware, State of Ohio:

SECTION 1. Ordinance No. 15-57 is hereby amended to read as follows:

A. Effective June 22, 2015 permanent part-time employees shall receive the following wages and benefits:

1. Wages. Permanent part-time employees shall be paid on an hourly basis in accordance with the following table:

| <b>PAY GRADE</b> | <b>STEP 1</b> | <b>STEP 2</b> | <b>STEP 3</b> | <b>STEP 4</b> | <b>STEP 5</b> |
|------------------|---------------|---------------|---------------|---------------|---------------|
| PT 1             | 8.54          | 8.85          | 9.22          | 9.41          | 9.60          |
| PT 2             | 12.88         | 13.38         | 13.93         | 14.49         | 15.05         |
| PT 3             | 13.54         | 14.08         | 14.61         | 15.24         | 15.84         |
| PT 4             | 15.60         | 16.23         | 16.88         | 17.55         | 18.25         |
| PT 5             | 18.07         | 18.63         | 19.21         | 19.81         | 20.39         |

**PAY GRADE**

PT 1  
PT 2  
PT 3

**POSITION**

Facility Maintenance Technician I  
Support Services Aide  
Facility Maintenance Technician II  
Clerical Specialist, Records Clerk,  
Laborer, Front Counter Clerk, Help  
Desk Technician

PT 4  
PT 5

Investigator/Diversion Manager,  
PPT Code Enforcement Officer

2. Benefits. Benefits for permanent part-time are as follows:
- (a) Employees will accrue Universal Leave on a prorated basis of 4.6 hours for every eighty hours worked in a pay period.
  - (b) Employees are eligible for holiday pay if they work a major holiday which includes the following: Christmas, Labor Day, Memorial Day, July 4, New Year's Day and Thanksgiving. Holiday Pay is defined as one and one half times the employee's regular hourly rate.
  - (c) Overtime shall be compensated at straight time rates for all hours in paid status, except that all hours in paid status in excess of 40 hours in any work week shall be compensated for a rate of time and one half.
  - (d) The employee shall be responsible for payment of the employee contribution for the State of Ohio Retirement System.
  - (e) Upon termination of employment with the City employees will not receive pay-out for any leave accumulated.
  - (f) If an employee becomes full time with the City, any accumulated Universal Leave will be added to the employee's sick leave balance.

B. Effective January 1, 2014 permanent part-time firefighters shall be paid on an hourly basis in accordance with the following table:

| <b>PAY GRADE</b> | <b>POSITION</b>       | <b>WAGE</b> |
|------------------|-----------------------|-------------|
| PTFF1            | Firefighter/EMT       | 12.00/hour  |
| PTFF2            | Firefighter/Paramedic | 14.00/hour  |

1. Benefits. Benefits for permanent part-time firefighters are as follows:
- (a) The City will provide \$10,000 of life insurance
  - (b) Overtime shall be compensated at straight time rates for all hours in paid status, except that all hours in paid status in excess of 40 **2 12** hours in any ~~work~~ **28 DAY PAY CYCLE** shall be compensated for a

rate of time and one half.

- (c) The employee will be responsible for payment of the employee contribution to their pension system.
- (D) EMPLOYEES ARE ELIGIBLE FOR HOLIDAY PAY IF THEY WORK A MAJOR HOLIDAY WHICH INCLUDES THE FOLLOWING: CHRISTMAS, LABOR DAY, MEMORIAL DAY, JULY 4, NEW YEAR'S DAY AND THANKSGIVING. HOLIDAY PAY IS DEFINED AS ONE AND ONE HALF TIMES THE EMPLOYEE'S REGULAR HOURLY RATE.**
- (E) PERMANENT PART-TIME FIREFIGHTERS MAY NOT EXCEED 1500 HOURS WORKED IN A CALENDAR YEAR.**

C. Effective December 31, 2014, intermittent part-time/seasonal employees shall receive the following wages and benefits:

- 1. Wages. Intermittent part-time/seasonal employees shall be paid on an hourly basis in accordance with the following table:

| <b>PAY GRADE</b> | <b>POSITION</b>                            | <b>WAGE</b>           |
|------------------|--------------------------------------------|-----------------------|
| SL 1             | Cashier I                                  | <b>8.10</b> 7.95/hour |
| SL 2             | Cashier II,                                | 8.40/hour             |
| SL 3             | Cashier III                                | 8.90/hour             |
| SL 4             | Laborer I, Intern I,                       | 9.27/hour             |
| SL 5             | Laborer II                                 | 10.30/hour            |
| SL 6             | Intern II, Clubhouse Manager , Laborer III | 11.33/hour            |
| SL 7             | Laborer IV                                 | \$12.36/hour          |
| SL8              | Intern III                                 | \$13.39/hour          |
| SL9              | Intern IV, Cemetery Office Manager         | \$14.42/hour          |

For intermittent/seasonal positions not listed above, the wages shall be the entry-level pay rate reflected in the applicable pay plan for the equivalent permanent full-time position or a pay rate established by the City Manager.

2. Benefits. Intermittent /seasonal employees are not eligible for benefits, except the following:

(a) The employee shall be responsible for payment of the employee contribution for the State of Ohio Retirement System.

SECTION 2. Existing Ordinance No. 15-57 is hereby repealed.

SECTION 3. This Council finds and determines that all formal actions of this Council and any of its committees concerning and relating to the passage of this Ordinance were taken in an open meeting of this Council, and that all deliberations of this Council and any of its committees that resulted in those formal actions were in meetings open to the public, all in compliance with the law including Section 121.22 of the Revised Code.

VOTE ON RULE SUSPENSION:

YEAS \_\_\_\_ NAYS \_\_\_\_  
ABSTAIN \_\_\_\_

PASSED: \_\_\_\_\_, 2015

YEAS \_\_\_\_ NAYS \_\_\_\_  
ABSTAIN \_\_\_\_

ATTEST: \_\_\_\_\_  
CITY CLERK

\_\_\_\_\_  
MAYOR



## FACT SHEET

---

AGENDA ITEM NO: 23

DATE: 8/24/15

ORDINANCE NO: 15-89

RESOLUTION NO:

READING: First

PUBLIC HEARING: No

---

TO: Mayor and Members of City Council

FROM: R. Thomas Homan, City Manager

VIA: William L. Ferrigno, P.E., Director of Public Works/City Engineer

---

**TITLE OF PROPOSED ORDINANCE/RESOLUTION:**

AN ORDINANCE SUPPLEMENTING THE 2015 APPROPRIATIONS ORDINANCE TO ESTABLISH FUNDING FOR MATERIAL UPGRADES AT THE CSX RAIL CROSSINGS OF LONDON ROAD AND PENNSYLVANIA AVENUE, AND AUTHORIZING THE CITY MANAGER TO ENTER INTO AGREEMENTS WITH CSX AS REQUIRED, AND DECLARING AN EMERGENCY.

**BACKGROUND:**

CSX Railroad has finalized plans to replace rail through the City of Delaware, with construction starting this fall. They plan to arrive at the Pennsylvania Avenue crossing in October, Park Avenue late October, and London Road in November of this year. The West William Crossing was previously rehabilitated in 2014. CSX will upgrade the crossing materials utilized (surrounding the rails) from asphalt to rubber blocks if the City reimburses for the cost of the upgrade. The upgrade provides improved longevity and smoothness to the crossing.

**REASON WHY LEGISLATION IS NEEDED:**

The proposed expenditure was deleted from the initial proposed 2015 budget. If the City wishes to upgrade the crossings, the upgrades have to occur during CSX's planned project this fall. Otherwise, asphalt will be put back in abutting

the rails at no cost to the City. It is not practical to upgrade the materials at any other time outside of CSX's schedule for their project.

**COMMITTEE RECOMMENDATION:**

None

**FISCAL IMPACT(S):**

The proposed expenditure of \$80,000 can be broken down as \$50,000 for the rubber material upgrade and \$30,000 for concrete approach and perimeter asphalt restoration work to be performed by city Public Works crews. The cost estimate for rubber material upgrades is still subject to change pending CSX final estimating. The expenditure was not budgeted; however, the upgrades are expected to perform many years beyond traditional asphalt repair. Maintaining a smooth crossing reduces the risk of property damage to cars and also reduces noise pollution from loads rattling within trucks.

**POLICY CHANGES:**

None

**PRESENTER(S):**

William L. Ferrigno, P.E., Director of Public Works/City Engineer

**RECOMMENDATION:**

Approval at Second Reading

**ATTACHMENT(S)**

None

ORDINANCE NO. 15-89

AN ORDINANCE SUPPLEMENTING THE 2015 APPROPRIATIONS ORDINANCE TO ESTABLISH FUNDING FOR MATERIAL UPGRADES AT THE CSX RAIL CROSSINGS OF LONDON ROAD AND PENNSYLVANIA AVENUE, AND AUTHORIZING THE CITY MANAGER TO ENTER INTO AGREEMENTS WITH CSX AS REQUIRED, AND DECLARING AN EMERGENCY.

WHEREAS, the CSX Railroad is planning a rail replacement project through the City of Delaware in 2015, and

WHEREAS, the cost to upgrade City roadway crossings in this project from asphalt to rubber blocks must be reimbursed to CSX and was not budgeted, and

WHEREAS, a supplemental appropriation will be necessary to upgrade the crossings this year in tandem with CSX's project.

NOW THEREFORE, BE IT ORDAINED by the Council of the City of Delaware, State of Ohio:

SECTION 1. That there is hereby appropriated from the unencumbered balance of the General Fund \$80,000 increasing the following accounts:

|               |                       |          |
|---------------|-----------------------|----------|
| 202.2020.5230 | Professional Services | \$50,000 |
| 202.2020.5330 | Operating Supply      | \$30,000 |

SECTION 2. This Council finds and determines that all formal actions of this Council and any of its committees concerning and relating to the passage of this Ordinance were taken in an open meeting of this Council, and that all deliberations of this Council and any of its committees that resulted in those formal actions were in meetings open to the public, all in compliance with the law including Section 121.22 of the Ohio Revised Code.

SECTION 3. EMERGENCY CLAUSE. That this ordinance is hereby declared to be an emergency measure necessary to provide for the public peace, safety, health and welfare of the City and for the further reason to provide for the timely review of development plans and for the continued utilization of construction inspection services, and as such will be in full force and effect immediately upon its passage.

VOTE ON RULE SUSPENSION:

YEAS \_\_\_ NAYS \_\_\_  
ABSTAIN \_\_\_

VOTE ON EMERGENCY CLAUSE:

YEAS \_\_\_ NAYS \_\_\_  
ABSTAIN \_\_\_

PASSED: \_\_\_\_\_, 2015

YEAS \_\_\_ NAYS \_\_\_  
ABSTAIN \_\_\_

ATTEST: \_\_\_\_\_  
CITY CLERK

\_\_\_\_\_  
MAYOR



## FACT SHEET

---

AGENDA ITEM NO: 24

DATE: 8/24/15

ORDINANCE NO: 15-90

RESOLUTION NO:

READING: First

PUBLIC HEARING: No

---

TO: Mayor and Members of City Council

FROM: R. Thomas Homan, City Manager

VIA: William L. Ferrigno, P.E., Director of Public Works/City Engineer

---

**TITLE OF PROPOSED ORDINANCE/RESOLUTION:**

AN ORDINANCE SUPPLEMENTING THE 2015 APPROPRIATIONS ORDINANCE TO PROVIDE ADDITIONAL FUNDING FOR LAND DEVELOPMENT-ENGINEERING PROFESSIONAL SERVICES, AND DECLARING AN EMERGENCY.

**BACKGROUND:**

In order to advance construction of the southwest industrial park west of Innovation Court and Owen Fraley Roads, east of South Section Line Road, south of Airport Road, and north of US 42, it is critical that a detailed storm water study be completed. The study will provide the City with necessary information regarding the existing storm water drainage patterns, required storm water improvements, and the storm water runoff rates for the study area to enable the further extension of Sawmill Parkway to the west.

**REASON WHY LEGISLATION IS NEEDED:**

If approved by City Council, this study will be completed in 2015. The study will provide information required for storm water improvements that will need to be completed before the continued extension of Sawmill Parkway west of Innovation Court toward Section Line Road can occur (along with associated water and sewer improvements).

**COMMITTEE RECOMMENDATION:**

None

**FISCAL IMPACT(S):**

The flat fees invoiced so far in 2015 total \$468,546. The 2015 year-end projected expense for this line item is \$585,000. The 2015 projected revenue for this line item is \$600,000.

**POLICY CHANGES:**

None

**PRESENTER(S):**

William L. Ferrigno, P.E., Director of Public Works/City Engineer

**RECOMMENDATION:**

Approval at Second Reading

**ATTACHMENT(S)**

N/A

ORDINANCE NO. 15-90

AN ORDINANCE SUPPLEMENTING THE 2015 APPROPRIATIONS ORDINANCE TO PROVIDE ADDITIONAL FUNDING FOR LAND DEVELOPMENT-ENGINEERING PROFESSIONAL SERVICES, AND DECLARING AN EMERGENCY.

WHEREAS, the City of Delaware and its agents, provide both plan review and construction inspection services through the Public Works Department – Division of Traffic and Engineering Services, for infrastructure elements of development projects, and

WHEREAS, the provision of plan review and construction inspection services is an integral part in assuring the quality of new infrastructure constructed within and dedicated to the City, and

WHEREAS, the cost to the City of providing these services is charged to and reimbursed back to the City by the individual developers, and

WHEREAS, the amount included in the 2015 Budget to pay for these services is not sufficient based on current and projected development activity this year, and

WHEREAS, a supplemental appropriation will be necessary to continue to perform plan reviews and provide construction inspection on new development in 2015.

NOW, THEREFORE, BE IT ORDAINED by the Council of the City of Delaware, State of Ohio:

SECTION 1. That there is hereby appropriated from the unencumbered balance of the General Fund \$200,000 increasing the following account within Engineering:

Professional Services–Development (101-0065-5231) \$200,000

SECTION 2. This Council finds and determines that all formal actions of this Council and any of its committees concerning and relating to the passage of this Ordinance were taken in an open meeting of this Council, and that all deliberations of this Council and any of its committees that resulted in those formal actions were in meetings open to the public, all in compliance with the law including Section 121.22 of the Ohio Revised Code.

SECTION 3. EMERGENCY CLAUSE. That this ordinance is hereby declared to be an emergency measure necessary to provide for the public

peace, safety, health and welfare of the City and for the further reason to provide for the timely review of development plans and for the continued utilization of construction inspection services, and as such will be in full force and effect immediately upon its passage.

VOTE ON RULE SUSPENSION:

YEAS\_\_\_NAYS\_\_\_  
ABSTAIN \_\_\_

VOTE ON EMERGENCY CLAUSE:

YEAS\_\_\_ NAYS\_\_\_  
ABSTAIN \_\_\_

PASSED: \_\_\_\_\_, 2015

YEAS\_\_\_ NAYS\_\_\_  
ABSTAIN \_\_\_

ATTEST:

\_\_\_\_\_  
CITY CLERK

\_\_\_\_\_  
MAYOR



## FACT SHEET

---

AGENDA ITEM NO: 25

DATE: 8/24/15

ORDINANCE NO: 15-91

RESOLUTION NO:

READING: FIRST

PUBLIC HEARING: NO

---

TO: Mayor and Members of City Council

FROM: R. Thomas Homan, City Manager

VIA: Bill Ferrigno, Public Works Director/City Engineer

---

**TITLE OF PROPOSED ORDINANCE/RESOLUTION:**

AN ORDINANCE ESTABLISHING AN ASSESSMENT FOR THE IMPROVEMENT OF PUBLIC STREETS AND EASEMENTS LOCATED AT THE RAIL CROSSING ACROSS PITTSBURGH DRIVE AND PROVIDING ALL NECESSARY APPURTENANCES THERETO.

**BACKGROUND:**

Sam Dong and International Paper currently utilize two rail sidings that cross Pittsburgh Dr. for materials shipments. Both companies have been responsible for the part of the siding for which they own which is the rails and area between the rails. As conditions of the sidings have declined they have maintained, but ultimately, the design of the sidings is not conducive to the increased Pittsburgh Dr. traffic, therefore the life expectancy of the crossings has declined much more rapidly between these periods of maintenance. These siding crossings impact all businesses on Pittsburgh Dr.

**REASON WHY LEGISLATION IS NEEDED:**

The City desires a safer and more durable rail crossing for the shared rail siding jointly owned by Sam Dong and International Paper across Pittsburgh Dr. The condition of the existing crossing has deteriorated beyond its useful life expectancy. Therefore, the City has committed up to \$125,000 towards funding rail crossing improvements utilizing capital funds as well as Community Development Block Grant (CDBG) funds.

The ability to assess the parcels owned by Sam Dong and International Paper will allow the City to ensure that it is clear that perpetual maintenance of the portion of the rail siding that is the responsibility of both companies.

**COMMITTEE RECOMMENDATION:**

N/A

**FISCAL IMPACT(S):**

**POLICY CHANGES:**

N/A

**PRESENTER(S):**

Bill Ferrigno, Public Works Director/City Engineer

**RECOMMENDATION:**

Approval

**ATTACHMENT(S)**

N/A

ORDINANCE NO. 15-91

AN ORDINANCE ESTABLISHING AN ASSESSMENT FOR THE IMPROVEMENT OF PUBLIC STREETS AND EASEMENTS LOCATED AT THE RAIL CROSSING ACROSS PITTSBURGH DRIVE AND PROVIDING ALL NECESSARY APPURTENANCES THERETO.

WHEREAS, the rail crossing for the shared rail siding jointly owned by Sam Dong and International Paper that crosses Pittsburgh Drive has deteriorated beyond its useful life expectancy; and

WHEREAS, the rails are privately owned, but cross public right of way; and

WHEREAS, the City has committed up to \$125,000 consisting of capital funds and Community Development Block Grant funds towards reconstructing the pavement approaches up to the current rail crossing on both sides; and

WHEREAS, upon completion of the reconstruction described above, Sam Dong and International Paper (or successor adjoining property owners) will be responsible for maintaining the base, base drainage, rail crossing lines, and pavement between the rail crossing lines to the standards defined in the approved engineering plans and specifications; and

WHEREAS, each property will receive half of the benefit that results from the improvement and any future maintenance.

NOW, THEREFORE, BE IT ORDAINED by the Council of the City of Delaware, Delaware County, Ohio, that:

SECTION 1. It is determined necessary to proceed with the improvement of constructing to the rail crossing at Pittsburgh Drive using City Funds. Upon completion of the improvement, Sam Dong and International Paper must maintain the base, base drainage, rail crossing lines, and pavement between the rail crossing lines to the standards defined in the approved engineering plans and specifications.

SECTION 2. If the required work is not completed within 90 days of notification by the City, the City may, at its option, complete the repairs and assess the property for the full cost of the repair as permitted by Ohio Revised Code Section 727.01. In this case, Sam Dong and International Paper (or successor owners) each will be assessed fifty percent (50%) of the actual cost of the repairs. The assessment shall be placed on the following lots:

50%: Lots 419210060008000 & 419210060007000

50%: Lot 41921006006000

SECTION 3. In the event an assessment is placed on the lots, the Clerk of Council shall deliver a certified copy of this Ordinance to the County Auditor of Delaware County, Ohio within 15 days.

SECTION 4. This Council finds and determines that all formal actions of this Council and any of its committees concerning and relating to the passage of this Ordinance were taken in an open meeting of this Council, and that all deliberations of this Council and any of its committees that resulted in those formal actions were in meetings open to the public, all in compliance with the law including Section 121.22 of the Revised Code.

VOTE ON RULES SUSPENSION:

YEAS \_\_\_ NAYS \_\_\_  
ABSTAIN \_\_\_

PASSED: \_\_\_\_\_, 2015

YEAS \_\_\_ NAYS \_\_\_  
ABSTAIN \_\_\_

ATTEST: \_\_\_\_\_  
CITY CLERK

\_\_\_\_\_  
MAYOR



## FACT SHEET

---

AGENDA ITEM NO: 26

DATE: 8/24/15

ORDINANCE NO: 15-92

RESOLUTION NO:

READING: First

PUBLIC HEARING: NO

---

TO: Mayor and Members of City Council

FROM: R. Thomas Homan, City Manager

VIA: Dean Stelzer, Finance Director

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**TITLE OF PROPOSED ORDINANCE/RESOLUTION:**

AN ORDINANCE SUPPLEMENTING THE 2015 APPROPRIATIONS ORDINANCE TO PROVIDE ADDITIONAL FUNDING FOR CONTRACTED LABOR AND TO REDUCE THE APPROPRIATION FOR WAGES AND BENEFITS, AND DECLARING AN EMERGENCY.

**BACKGROUND:**

An employee in the Utility Billing Division will be going on maternity leave in September for approximately 12 weeks. During most of this time off she will be in a non-paid status. In order to keep up with the monthly billing and collection processes we would propose to retain a contracted temporary person to provide up to 30 hours a week of contracted labor.

**REASON WHY LEGISLATION IS NEEDED:**

To amend the 2015 Budget decreasing wages and benefits by \$7,2000 and increasing an appropriation for professional services by \$7,200. This budget adjustment must be approved by City Council because it is moving funding from a wage line-item to a non-wage line-item.

**COMMITTEE RECOMMENDATION:**

N/A

**FISCAL IMPACT(S):**

No budget impact

**POLICY CHANGES:**

**PRESENTER(S):**

Dean Stelzer, Finance Director

**RECOMMENDATION:**

Go to second reading

**ATTACHMENT(S)**

N/A

ORDINANCE NO. 15-92

AN ORDINANCE SUPPLEMENTING THE 2015 APPROPRIATIONS ORDINANCE TO PROVIDE ADDITIONAL FUNDING FOR CONTRACTED LABOR AND TO REDUCE THE APPROPRIATION FOR WAGES AND BENEFITS, AND DECLARING AN EMERGENCY.

WHEREAS, an employee in the Finance Department will be taking maternity leave later in the year, and

WHEREAS, to maintain adequate service levels in the Utility Billing division while the employee is on maternity leave, the City plans to utilize contracted temporary assistance, and

WHEREAS, the cost of the contracted services will be offset by the reduction in wages and benefits for the duration of the maternity leave, and

WHEREAS, a budget adjustment is needed to increase the contracted services appropriation and reduce the existing wages and benefit appropriation by a like amount.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF DELAWARE, OHIO THAT:

SECTION 1. That the existing appropriation in the General Fund be reduced by \$7,200 in the following accounts by the amount noted:

|                    |                 |            |
|--------------------|-----------------|------------|
| Finance Department |                 |            |
| Wages              | (101-0031-5100) | \$( 6,235) |
| OPERS              | (101-0031-5101) | \$( 875)   |
| Medicare           | (101-0031-5103) | \$( 90)    |

SECTION 2. That there is hereby appropriated from the unencumbered balance of the General Fund \$7,200 increasing the following account:

|                                       |  |          |
|---------------------------------------|--|----------|
| Finance Department                    |  |          |
| Professional Services (101-0031-5230) |  | \$ 7,200 |

SECTION 3. This Council finds and determines that all formal actions of this Council and any of its committees concerning and relating to the passage of this Ordinance were taken in an open meeting of this Council, and that all deliberations of this Council and any of its committees that resulted in those formal actions were in meetings open to the public, all in compliance with the law including Section 121.22 of the Revised Code.

SECTION 4. EMERGENCY CLAUSE. That this ordinance is hereby declared to be an emergency measure necessary to provide for the public peace, safety, health and welfare of the City and for the further reason to provide for the timely acquisition of contracted labor to maintain adequate service levels in the Utility Billing Division of the City, and as such will be in full force and be in effect immediately upon its passage.

VOTE ON RULE SUSPENSION:

YEAS\_\_\_ NAYS\_\_\_  
ABSTAIN \_\_\_

PASSED: \_\_\_\_\_, 2015

YEAS\_\_\_ NAYS\_\_\_  
ABSTAIN \_\_\_

ATTEST:

\_\_\_\_\_  
CITY CLERK

\_\_\_\_\_  
MAYOR



## JULY FINANCE REPORT

**TO: Members of City Council**

**FROM: Dean Stelzer, Finance Director**

**DATE: August 18, 2015**

### Highlights:

#### Revenues

- \* Income tax collections are up 4.05% compared to the same period last year. Withholding tax collections are up 2.92% and individual taxpayer receipts are up 13.62% reflective somewhat of our stepped up enforcement efforts.
- \* Development related revenues (building permits, engineering fees, capacity fees) are down more than 18% from last year's levels. We may need to revisit 2015 estimations based on updated development levels. Further review of the Planning Departments year-to-date activity report is warranted.
- \* Water, sewer, and refuse revenue are in-line with expectations. Rates have not increased since 2012. Total water and sewer meter collections will likely be less than last year due to the rainy summer.
- \* Year-to-date revenues for the Airport are down from last year's levels (-9.55%). Cemetery revenues are in line with last year's amounts.

#### Expenditures

- \* Health Insurance costs are up 15.8% over 2014 levels but in line with 2015 budgeted amounts.
- \* We have incurred about \$15,000 of unanticipated building maintenance costs so far in 2015. A year-end supplemental may be needed.
- \* Overtime in Public Works is being incurred at a rate higher than budgeted. Adjustments may be needed.
- \* It appears our total vehicle fuel costs will be less than budgeted and may help offset OT costs.

### YTD 2015 Budget Supplementals

|       |                                                                |
|-------|----------------------------------------------------------------|
| 15-05 | \$152,900 - CIP, ODNR Boat ramp grant                          |
| 15-36 | \$290,350 - Water CIP projects, \$134,350 - Sewer CIP projects |
| 15-37 | \$781,957 - Park Levy projects                                 |
| 15-38 | \$2,000,000 - Glenn Rd. North intersection project             |
| 15-39 | \$500,000 - Veteran's Plaza project, grant/donation funded     |
| 15-45 | \$70,000 - Low head dam removal, grant funded                  |
| 15-56 | \$79,837 - Truck replacement, covered by insurance             |
| 15-59 | \$23,500 - Repair showers at Justice Center                    |
| 15-62 | \$15,000 - Court IDIAM home arrest costs, covered by fees      |
| 15-72 | \$75,000 - Public Works additional road salt                   |
| 15-73 | \$20,584 - Legal Dept. new position                            |
| 15-74 | \$74,908 - Liability Insurance                                 |
| 15-86 | \$20,000 - Planning Department building fee refund             |

**FINANCE DIRECTOR'S REPORT**

**REVENUES BY SOURCE**

July 31, 2015

|                                        | Revenues<br>@ 7/31/15 |    | Revenues<br>@ 7/31/14 | % Change       |
|----------------------------------------|-----------------------|----|-----------------------|----------------|
| <b>TAXES</b>                           |                       |    |                       |                |
| Income Tax                             | \$ 14,375,915         | \$ | 13,816,113            | 4.05%          |
| Property Tax                           | 1,725,882             |    | 1,652,066             | 4.47%          |
| Local Government Fund                  | 394,761               |    | 358,571               | 10.09%         |
| Inheritance                            | 4,962                 |    | 82,783                | <b>-94.01%</b> |
| Hotel/Motel Tax                        | 42,724                |    | 34,999                | 22.07%         |
| Gasoline Tax                           | 657,705               |    | 627,930               | 4.74%          |
| License Plate Tax                      | 394,830               |    | 368,314               | 7.20%          |
| <b>FEES</b>                            |                       |    |                       |                |
| Franchise Fee (cable tv)               | \$ 262,860            | \$ | 270,522               | <b>-2.83%</b>  |
| Parking Meter & Lot Fees               | 49,831                |    | 45,047                | 10.62%         |
| Fines/Forfeitures/Court Diversion Fees | 77,708                |    | 47,079                | 65.06%         |
| Impact Fees                            | 326,469               |    | 346,641               | <b>-5.82%</b>  |
| Airport                                | 367,911               |    | 406,762               | <b>-9.55%</b>  |
| Cemetery                               | 84,972                |    | 75,364                | 12.75%         |
| Golf Course                            | 106,722               |    | 106,384               | 0.32%          |
| <b>REIMBURSEMENTS</b>                  |                       |    |                       |                |
| Engineering Fees                       | \$ 413,581            | \$ | 378,541               | <b>9.26%</b>   |
| Fire/EMS Reimbursement                 | 466,794               |    | 445,668               | 4.74%          |
| Prosecutor Reimbursements              | 109,093               |    | 115,875               | <b>-5.85%</b>  |
| Building Permits and Fees              | 362,591               |    | 345,361               | 4.99%          |
| <b>UTILITY CHARGES</b>                 |                       |    |                       |                |
| Water - Meter Charges                  | \$ 2,872,813          | \$ | 2,879,613             | <b>-0.24%</b>  |
| - Capacity Fees                        | 602,573               |    | 828,913               | <b>-27.31%</b> |
| Sewer - Meter Charges                  | 3,536,336             |    | 3,523,753             | 0.36%          |
| - Capacity Fees                        | 563,540               |    | 784,616               | <b>-28.18%</b> |
| Refuse                                 | 1,956,242             |    | 1,928,554             | 1.44%          |
| Storm Sewer                            | 488,466               |    | 477,264               | 2.35%          |
| <b>MUNICIPAL COURT REVENUES</b>        | \$ 1,768,705          | \$ | 1,747,719             | 1.20%          |

**FINANCE DIRECTOR'S REPORT**  
**GENERAL FUND REVENUES**  
**July 31, 2015**

| July 58.3% of year                        | Revenues<br>7/31/2015 | 2015<br>Budget    | Revenues As<br>% of Budget | Comparative<br>Revenues<br>7/31/2014 | % Change<br>YTD |
|-------------------------------------------|-----------------------|-------------------|----------------------------|--------------------------------------|-----------------|
| <b>GENERAL FUND</b>                       |                       |                   |                            |                                      |                 |
| Property Tax                              | 1,325,559             | 1,360,000         | 97.47%                     | 699,304                              | 89.55%          |
| City Income Tax                           | 7,789,505             | 12,126,900        | 64.23%                     | 7,486,684                            | 4.04%           |
| Other Taxes- Inheritance                  | 6,012                 | 0                 | 0.00%                      | 83,946                               | (92.84%)        |
| Local Government Fund                     | 394,761               | 635,739           | 62.09%                     | 358,571                              | 10.09%          |
| Fines and Forfeitures                     | 77,708                | 110,000           | 70.64%                     | 47,079                               | 65.06%          |
| Engineering Fees                          | 413,581               | 500,000           | 82.72%                     | 378,541                              | 9.26%           |
| Prosecutor Contracts                      | 109,093               | 240,000           | 45.46%                     | 115,875                              | (5.85%)         |
| Parking Meters                            | 21,411                | 32,000            | 66.91%                     | 18,550                               | 15.42%          |
| Other Fees and Contracts                  | 20,180                | 0                 | 0.00%                      | 21,206                               | (4.84%)         |
| Liquor Permits                            | 38,409                | 44,000            | 87.29%                     | 38,137                               | 0.71%           |
| Franchise Fees                            | 262,860               | 370,000           | 71.04%                     | 180,452                              | 45.67%          |
| Licenses & Permits                        | 362,591               | 580,000           | 62.52%                     | 345,361                              | 4.99%           |
| Investment Income                         | 51,477                | 150,000           | 34.32%                     | 89,230                               | (42.31%)        |
| Miscellaneous                             | 52,633                | 150,000           | 35.09%                     | 58,003                               | (9.26%)         |
| Reimbursements                            | 156,882               | 200,000           | 78.44%                     | 86,385                               | 81.61%          |
| Transfers (2014 operating transfers only) | 1,105,352             | 1,895,756         | 58.31%                     | 960,464                              | 15.09%          |
| <b>TOTAL</b>                              | <b>12,188,014</b>     | <b>18,394,395</b> | <b>66.26%</b>              | <b>10,967,788</b>                    | <b>11.13%</b>   |

**GENERAL FUND EXPENDITURES**

|                                          | Expenses<br>7/31/2015 | 2015<br>Budget    | Expenses As<br>% of Budget | Comparative<br>Expenses<br>7/31/2014 | % Change<br>YTD |
|------------------------------------------|-----------------------|-------------------|----------------------------|--------------------------------------|-----------------|
| <b>GENERAL FUND</b>                      |                       |                   |                            |                                      |                 |
| City Council                             | 64,274                | 99,570            | 64.55%                     | 44,288                               | 45.13%          |
| City Manager                             | 435,443               | 742,374           | 58.66%                     | 410,054                              | 6.19%           |
| Human Resources                          | 123,318               | 230,666           | 53.46%                     | 118,514                              | 4.05%           |
| Economic Development                     | 210,420               | 311,709           | 67.51%                     | 180,523                              | 16.56%          |
| Legal Affairs/Prosecution                | 372,431               | 671,040           | 55.50%                     | 336,745                              | 10.60%          |
| Finance                                  | 754,349               | 1,347,367         | 55.99%                     | 744,942                              | 1.26%           |
| Income Tax Refunds                       | 322,562               | 300,000           | 107.52%                    | 274,023                              | 17.71%          |
| General Administration (2014 oper. only) | 2,702,884             | 4,360,241         | 61.99%                     | 2,628,010                            | 2.85%           |
| Risk Management                          | 4,092                 | 189,050           | 2.16%                      | 4,147                                | (1.33%)         |
| Police                                   | 4,067,292             | 7,566,983         | 53.75%                     | 4,014,978                            | 1.30%           |
| Planning                                 | 510,928               | 997,198           | 51.24%                     | 489,142                              | 4.45%           |
| Engineering                              | 708,598               | 1,235,666         | 57.35%                     | 590,707                              | 19.96%          |
| City Buildings                           | 198,668               | 335,377           | 59.24%                     | 192,607                              | 3.15%           |
| <b>TOTAL</b>                             | <b>10,475,259</b>     | <b>18,387,241</b> | <b>56.97%</b>              | <b>10,028,680</b>                    | <b>4.45%</b>    |

|                                                |                  |
|------------------------------------------------|------------------|
| General Fund Beginning Balance January 1, 2015 | 3,294,591        |
| 2015 General Fund Revenues                     | 12,188,014       |
| 2015 General Fund Expenditures                 | (10,475,259)     |
| Outstanding Encumbrances 7/31/15               | (455,402)        |
| General Fund Ending Fund Balance July 31, 2015 | <b>4,551,944</b> |
| Budgeted 2015 Year-end Balance                 | <b>3,128,971</b> |

**FINANCE DIRECTOR'S REPORT  
OTHER OPERATING FUNDS  
July 31, 2015**

**REVENUES**

|                             | Revenues<br>7/31/2015 | 2015<br>Budget    | Revenues As<br>% of Budget | Comparative<br>Revenues<br>7/31/2014 | % Change<br>YTD |
|-----------------------------|-----------------------|-------------------|----------------------------|--------------------------------------|-----------------|
| STREET MAINTENANCE & REPAIR | 1,626,698             | 2,432,309         | 66.88%                     | 1,535,083                            | 5.97%           |
| STORM SEWER                 | 490,449               | 811,000           | 60.47%                     | 481,521                              | 1.85%           |
| PARKS AND RECREATION        | 593,114               | 1,079,151         | 54.96%                     | 517,332                              | 14.65%          |
| CEMETERY                    | 107,241               | 180,500           | 59.41%                     | 98,697                               | 8.66%           |
| AIRPORT OPERATIONS          | 378,931               | 756,330           | 50.10%                     | 412,595                              | (8.16%)         |
| FIRE/EMS INCOME TAX         | 6,899,469             | 9,260,980         | 74.50%                     | 5,627,994                            | 22.59%          |
| MUNICIPAL COURT             | 1,255,236             | 2,558,100         | 49.07%                     | 1,443,759                            | (13.06%)        |
| GOLF COURSE                 | 106,722               | 166,500           | 64.10%                     | 106,384                              | 0.32%           |
| WATER                       | 2,926,953             | 5,256,161         | 55.69%                     | 3,034,428                            | (3.54%)         |
| SEWER                       | 3,729,920             | 6,539,300         | 57.04%                     | 3,860,200                            | (3.37%)         |
| REFUSE                      | 1,979,447             | 3,416,900         | 57.93%                     | 2,038,001                            | (2.87%)         |
| GARAGE ROTARY               | 281,598               | 563,195           | 50.00%                     | 289,150                              | (2.61%)         |
| INFORMATION TECH. ROTARY    | 429,696               | 858,899           | 50.03%                     | 336,351                              | 27.75%          |
| <b>TOTAL</b>                | <b>20,805,474</b>     | <b>33,879,325</b> | <b>61.41%</b>              | <b>19,781,495</b>                    | <b>5.18%</b>    |

**EXPENDITURES**

|                             | Expenditures<br>7/31/2015 | 2015<br>Budget    | Expenses As<br>% of Budget | Comparative<br>Expenses<br>7/31/2014 | % Change<br>YTD |
|-----------------------------|---------------------------|-------------------|----------------------------|--------------------------------------|-----------------|
| STREET MAINTENANCE & REPAIR | 1,535,309                 | 2,432,309         | 63.12%                     | 1,487,832                            | 3.19%           |
| STORM SEWER                 | 332,905                   | 1,941,483         | 17.15%                     | 951,195                              | (65.00%)        |
| PARKS AND RECREATION        | 638,279                   | 1,175,879         | 54.28%                     | 563,911                              | 13.19%          |
| CEMETERY                    | 137,968                   | 463,664           | 29.76%                     | 136,694                              | 0.93%           |
| AIRPORT OPERATIONS          | 355,116                   | 819,268           | 43.35%                     | 432,440                              | (17.88%)        |
| FIRE/EMS INCOME TAX         | 4,789,936                 | 8,437,976         | 56.77%                     | 4,801,565                            | (0.24%)         |
| MUNICIPAL COURT             | 1,293,204                 | 2,419,834         | 53.44%                     | 1,297,356                            | (0.32%)         |
| GOLF COURSE                 | 94,931                    | 177,567           | 53.46%                     | 97,436                               | (2.57%)         |
| WATER OPERATIONS            | 3,198,433                 | 5,813,247         | 55.02%                     | 1,881,135                            | 70.03%          |
| SEWER OPERATIONS            | 3,512,978                 | 6,904,826         | 50.88%                     | 2,909,091                            | 20.76%          |
| REFUSE                      | 1,585,329                 | 4,288,573         | 36.97%                     | 1,788,420                            | (11.36%)        |
| GARAGE ROTARY               | 331,856                   | 592,804           | 55.98%                     | 299,737                              | 10.72%          |
| INFORMATION TECH. ROTARY    | 425,271                   | 925,353           | 45.96%                     | 428,454                              | (0.74%)         |
| <b>TOTAL</b>                | <b>18,231,515</b>         | <b>36,392,783</b> | <b>50.10%</b>              | <b>17,075,266</b>                    | <b>6.77%</b>    |

**FUND BALANCES**

|                             | Fund<br>Balance<br>1/1/2015 | Revenues<br>7/31/2015 | Expenditures<br>7/31/2015 | Outstanding<br>Encumb. | Fund<br>Balance<br>7/31/2015 |
|-----------------------------|-----------------------------|-----------------------|---------------------------|------------------------|------------------------------|
| STREET MAINTENANCE & REPAIR | 252,129                     | 1,626,698             | 1,535,309                 | 165,562                | 177,956                      |
| STORM SEWER                 | 2,174,781                   | 490,449               | 332,905                   | 454,755                | 1,877,570                    |
| PARKS AND RECREATION        | 289,557                     | 593,114               | 638,279                   | 112,797                | 131,595                      |
| CEMETERY                    | 347,537                     | 107,241               | 137,968                   | 2,933                  | 313,877                      |
| AIRPORT OPERATIONS          | 184,084                     | 378,931               | 355,116                   | 38,428                 | 169,471                      |
| FIRE/EMS INCOME TAX         | 4,779,906                   | 6,899,469             | 4,789,936                 | 1,355,083              | 5,534,356                    |
| MUNICIPAL COURT             | 1,278,467                   | 1,255,236             | 1,293,204                 | 9,573                  | 1,230,926                    |
| GOLF COURSE                 | 92,021                      | 106,722               | 94,931                    | 9,462                  | 94,350                       |
| WATER OPERATIONS            | 2,035,192                   | 2,926,953             | 3,198,433                 | 196,870                | 1,566,842                    |
| SEWER OPERATIONS            | 2,651,185                   | 3,729,920             | 3,512,978                 | 115,677                | 2,752,450                    |
| REFUSE                      | 1,841,847                   | 1,979,447             | 1,585,329                 | 760,119                | 1,475,846                    |
| GARAGE ROTARY               | 250,729                     | 281,598               | 331,856                   | 50,707                 | 149,764                      |
| INFORMATION TECH. ROTARY    | 315,614                     | 429,696               | 425,271                   | 88,076                 | 231,963                      |
| <b>TOTAL</b>                | <b>16,493,049</b>           | <b>20,805,474</b>     | <b>18,231,515</b>         | <b>3,360,042</b>       | <b>15,706,966</b>            |

**FINANCE DIRECTOR'S REPORT**  
**OTHER FUND REVENUES/EXPENSES/FUND BALANCE**  
**July 31, 2015**

|                               | <b>Beginning<br/>Fund<br/>Balance</b> | <b>Revenues<br/>7/31/2015</b> | <b>Expenses<br/>7/31/2015</b> | <b>Outstanding<br/>Encumbrances</b> | <b>Ending<br/>Fund<br/>Balance</b> |
|-------------------------------|---------------------------------------|-------------------------------|-------------------------------|-------------------------------------|------------------------------------|
| STATE HIGHWAY IMPROVEMENT     | 110,987                               | 60,976                        | 123,546                       | 50,000                              | (1,583)                            |
| LICENSE FEE FUN               | 85,346                                | 240,444                       | 7,124                         | 355,000                             | (36,334)                           |
| TREE FUND                     | 148,907                               | 63,000                        | 63,624                        | 0                                   | 148,283                            |
| AIRPORT 2000 T-HANGAR         | 171,431                               | 50,156                        | 42,204                        | 0                                   | 179,383                            |
| COURT/POLICE BLDG TAX         | 883                                   | 9                             | 0                             | 0                                   | 892                                |
| RECREATION FACILITIES TAX     | 4,169,795                             | 4,376,797                     | 3,080,466                     | 1,748,444                           | 3,717,682                          |
| AIRPORT TIF                   | 6,524                                 | 25,744                        | 0                             | 0                                   | 32,268                             |
| GLENN RD BRIDGE TIF           | 813,017                               | 516,975                       | 29,741                        | 0                                   | 1,300,251                          |
| SKY CLIMBER/V&P TIF           | 0                                     | 48,514                        | 24,258                        | 0                                   | 24,256                             |
| MILL RUN TIF                  | 0                                     | 147,466                       | 73,736                        | 0                                   | 73,730                             |
| COURT IDIAM                   | 9,518                                 | 9,826                         | 321                           | 679                                 | 18,344                             |
| DRUG ENFORCEMENT              | 46,859                                | 3,342                         | 844                           | 525                                 | 48,832                             |
| COURT ALCOHOL TREATMENT       | 519,206                               | 20,949                        | 44,140                        | 9,895                               | 486,120                            |
| OMVI ENFORCEMENT/EDUCATION    | 12,611                                | 1,280                         | 12,194                        | 0                                   | 1,697                              |
| POLICE JUDGEMENT              | 121,019                               | 4,841                         | 45,611                        | 23,570                              | 56,679                             |
| PARK DEVELOPMENT              | 217,068                               | 0                             | 966                           | 1,034                               | 215,068                            |
| COMPUTER LEGAL RESEARCH       | 361,842                               | 142,864                       | 57,179                        | 5,808                               | 441,719                            |
| COURT SPECIAL PROJECTS        | 906,633                               | 149,968                       | 22,386                        | 29,066                              | 1,005,149                          |
| PROBATION SERVICES            | 238,182                               | 185,241                       | 20,900                        | 2,036                               | 400,487                            |
| POLICE/FIRE DISABILITY        | 0                                     | 400,323                       | 400,323                       | 0                                   | 0                                  |
| COMMUNITY PROMOTION FUND      | 25,795                                | 42,724                        | 73,080                        | 8,750                               | (13,311)                           |
| CDBG GRANT                    | (72,470)                              | 75,000                        | 1,137                         | 60,250                              | (58,857)                           |
| ED REVOLVING LOAN             | 997,207                               | 73,567                        | 31,247                        | 57,578                              | 981,949                            |
| HOUSING GRANT PROGRAM INCOME  | 24,878                                | 0                             | 0                             | 0                                   | 24,878                             |
| GENERAL BOND RETIREMENT       | 56,113                                | 3,238,361                     | 2,768,027                     | 374                                 | 526,073                            |
| PARK IMPROV BONDS FUND        | 105,444                               | 738,321                       | 390,163                       | 0                                   | 453,602                            |
| SE HIGHLAND SEWER BOND FUND   | 83,184                                | 582,457                       | 306,604                       | 0                                   | 359,037                            |
| CAPITAL IMPROVEMENT           | 2,648,445                             | 1,305,816                     | 1,466,641                     | 2,274,524                           | 213,096                            |
| FAA AIRPORT GRANT             | 20,471                                | 14,630                        | 0                             | 0                                   | 35,101                             |
| FAA AIRPORT AIP GRANT         | (108,389)                             | 173,055                       | 353,682                       | 16,200                              | (305,216)                          |
| EQUIPMENT REPLACEMENT         | 391,530                               | 310,000                       | 389,606                       | 284,435                             | 27,489                             |
| PARK IMPACT FEE               | 740,842                               | 116,580                       | 25,114                        | 26,886                              | 805,422                            |
| POLICE IMPACT FEE             | 247,123                               | 48,947                        | 11,500                        | 0                                   | 284,570                            |
| FIRE IMPACT FEE               | 129,628                               | 80,944                        | 12,500                        | 0                                   | 198,072                            |
| MUNICIPAL SERVICES IMPACT FEE | 306,382                               | 80,822                        | 26,000                        | 0                                   | 361,204                            |
| GLENN ROAD CONSTRUCTION FUNDS | 3,514,059                             | 14,826,965                    | 13,283,979                    | 1,614,512                           | 3,442,533                          |
| PARKING LOTS                  | 21,207                                | 28,420                        | 21,748                        | 0                                   | 27,879                             |
| WATER CIP                     | 10,263,785                            | 4,949,109                     | 5,421,958                     | 1,114,268                           | 8,676,668                          |
| SEWER CIP                     | 5,760,953                             | 2,618,676                     | 2,955,606                     | 744,386                             | 4,679,637                          |
| SELF INSURANCE                | 2,820,366                             | 2,391,204                     | 2,849,819                     | 19,754                              | 2,341,997                          |
| WORKERS COMP RESERVE          | 1,693,432                             | 267,498                       | 269,271                       | 0                                   | 1,691,659                          |
| FIRE DONATION                 | 4,100                                 | 0                             | 0                             | 0                                   | 4,100                              |
| POLICE DONATION               | 8,116                                 | 3,410                         | 698                           | 2,000                               | 8,828                              |
| MAYOR'S DONATION              | 932                                   | 1,209                         | 623                           | 0                                   | 1,518                              |
| PROJECT TRUST                 | 497,146                               | 7,512                         | 0                             | 0                                   | 504,658                            |
| UNCLAIMED FUNDS               | 45,772                                | 11,540                        | 0                             | 0                                   | 57,312                             |
| DEVELOPMENT RESERVE FUND      | 875,000                               | 0                             | 13,500                        | 0                                   | 861,500                            |
| RESERVE ACCOUNT FUND          | 873,323                               | 0                             | 0                             | 0                                   | 873,323                            |
| CEMETERY PERPETUAL CARE FUND  | 0                                     | 37,522                        | 105                           | 0                                   | 37,417                             |
| STATE PATROL TRANSFER         | 0                                     | 31,669                        | 31,669                        | 0                                   | 0                                  |
| STATE BUILDING PERMIT FEES    | 442                                   | 3,574                         | 3,505                         | 0                                   | 511                                |
| <b>TOTAL</b>                  | <b>39,914,644</b>                     | <b>38,508,247</b>             | <b>34,757,345</b>             | <b>8,449,974</b>                    | <b>35,215,572</b>                  |

City of Delaware  
Employee Health Insurance Plan  
July 31, 2015

| Account                    | July 2015         | YTD 2015            | 2015 Budget         | % of Budget  | YTD 2014            | % Change 2014-15 |
|----------------------------|-------------------|---------------------|---------------------|--------------|---------------------|------------------|
| <b>Life Insurance</b>      | \$ 2,205          | \$ 15,430           | \$ 27,250           | 56.6%        | \$ 14,963           | 3.1%             |
| <b>Insurance Opt-Out</b>   | 1,930             | 13,010              | 25,000              | 52.0%        | 12,665              | 2.7%             |
| <b>Preventative Care</b>   | 651               | 1,643               | 55,000              | 3.0%         | 2,574               | -36.2%           |
| <b>Administrative Fees</b> |                   |                     |                     |              |                     |                  |
| TPA Fees                   | 6,316             | 44,272              | 78,241              | 56.6%        | 44,920              | -1.4%            |
| PPO Fees                   | 3,486             | 24,416              | 45,864              | 53.2%        | 25,496              | -4.2%            |
| Broker Fees                | 498               | 3,488               | 6,500               | 53.7%        | 3,426               | 1.8%             |
| AC Act Fees                | 1,581             | 1,581               | -                   | 0.0%         | -                   |                  |
| <b>Total Admin</b>         | <u>11,881</u>     | <u>73,757</u>       | <u>130,605</u>      | 56.5%        | <u>73,842</u>       | -0.1%            |
| <b>Stop Loss Insurance</b> | 48,270            | 339,007             | 489,900             | 69.2%        | 267,776             | 26.6%            |
| <b>Claims</b>              |                   |                     |                     |              |                     |                  |
| Medical                    | 275,330           | 1,903,055           | 2,915,000           | 65.3%        | 1,557,796           | 22.2%            |
| Dental                     | 19,031            | 132,395             | 236,500             | 56.0%        | 127,710             | 3.7%             |
| Prescription               | <u>50,749</u>     | <u>371,521</u>      | <u>621,000</u>      | 59.8%        | <u>299,948</u>      | 23.9%            |
| <b>Total Claims</b>        | <u>345,110</u>    | <u>2,406,971</u>    | <u>3,772,500</u>    | 63.8%        | <u>1,985,454</u>    | 21.2%            |
| <b>Total Costs</b>         | <b>410,047</b>    | <b>2,849,818</b>    | <b>4,500,255</b>    | <b>63.3%</b> | <b>2,357,274</b>    | <b>20.9%</b>     |
| <b>Employee Payment</b>    | 57,503            | 391,239             | 650,000             |              | 341,847             |                  |
| <b>Reimbursements</b>      | <u>9,716</u>      | <u>289,394</u>      | <u>100,000</u>      |              | <u>189,938</u>      |                  |
| <b>NET PLAN COSTS</b>      | <b>\$ 342,828</b> | <b>\$ 2,169,185</b> | <b>\$ 3,750,255</b> | <b>57.8%</b> | <b>\$ 1,825,489</b> | <b>18.8%</b>     |

| Enrollment: | Family Coverage | Single Coverage | Total Coverage |
|-------------|-----------------|-----------------|----------------|
| June 2015   | 196             | 55              | 251            |
| June 2014   | 198             | 47              | 245            |

**Medical Claims:**

\* Medical claims have increased by more than 11%

**Dental Claims**

\* Dental claims have increased by more than 5%

**Prescription Claims:**

\* Prescription costs have increased by more than 14%.

**Year to Date Claims:**

\*45 employees and dependants have accumulated between \$5,000 and \$30,000 in medical claims.

\*7 employees and dependents have accumulated between \$30,000 and \$70,000 in medical claims.

\*Two employees and dependents have accumulated \$109,978 and \$266,089 in medical claims.

**MONTHLY INCOME TAX REVENUES  
2013-2015**

|               | 2013              |                  |                  |                   | % OF<br>ACTUAL | 2014              |                  |                  |                   | % OF<br>ACTUAL | 2015              |                  |                  |                   | % OF<br>BUDGET |
|---------------|-------------------|------------------|------------------|-------------------|----------------|-------------------|------------------|------------------|-------------------|----------------|-------------------|------------------|------------------|-------------------|----------------|
|               | W/H               | PERSONAL         | BUSINESS         | TOTAL             |                | W/H               | PERSONAL         | BUSINESS         | TOTAL             |                | W/H               | PERSONAL         | BUSINESS         | TOTAL             |                |
| JANUARY       | 1,290,710         | 331,136          | 220,916          | 1,842,762         |                | 1,426,991         | 325,709          | 41,491           | 1,794,191         |                | 1,386,435         | 325,735          | 145,382          | 1,857,552         |                |
| FEBRUARY      | 1,360,424         | 242,337          | 13,628           | 1,616,389         |                | 1,463,197         | 249,502          | 50,539           | 1,763,238         |                | 1,374,902         | 315,054          | 84,287           | 1,774,243         |                |
| MARCH         | 913,169           | 417,117          | 231,092          | 1,561,378         |                | 1,128,391         | 468,595          | 170,577          | 1,767,563         |                | 1,122,427         | 601,839          | 98,726           | 1,822,992         |                |
| APRIL         | 1,232,840         | 1,800,388        | 545,089          | 3,578,317         |                | 1,194,547         | 1,855,367        | 689,914          | 3,739,828         |                | 1,299,084         | 2,094,760        | 670,933          | 4,064,777         |                |
| MAY           | 1,231,164         | 98,828           | 67,163           | 1,397,155         |                | 1,090,820         | 121,480          | 92,296           | 1,304,596         |                | 1,283,212         | 133,840          | 38,214           | 1,455,266         |                |
| JUNE          | 1,016,630         | 109,705          | 245,121          | 1,371,456         |                | 1,214,406         | 115,390          | 384,211          | 1,714,007         |                | 1,255,611         | 146,124          | 199,120          | 1,600,855         |                |
| JULY          | 1,331,715         | 294,768          | 26,141           | 1,652,624         |                | 1,369,919         | 327,517          | 35,254           | 1,732,690         |                | 1,426,574         | 318,033          | 55,623           | 1,800,230         |                |
|               | <u>8,376,652</u>  | <u>3,294,279</u> | <u>1,349,150</u> | <u>13,020,081</u> | 63.79%         | <u>8,888,271</u>  | <u>3,463,560</u> | <u>1,464,282</u> | <u>13,816,113</u> | 63.96%         | <u>9,148,245</u>  | <u>3,935,385</u> | <u>1,292,285</u> | <u>14,375,915</u> | 64.24%         |
| AUGUST        | 1,213,982         | 146,247          | 37,890           | 1,398,119         |                | 1,232,954         | 146,453          | 43,181           | 1,422,588         |                |                   |                  |                  |                   |                |
| SEPTEMBER     | 1,057,577         | 113,305          | 265,905          | 1,436,787         |                | 1,052,338         | 148,185          | 170,893          | 1,371,416         |                |                   |                  |                  |                   |                |
| OCTOBER       | 1,432,379         | 352,292          | 140,908          | 1,925,579         |                | 1,438,942         | 351,472          | 52,638           | 1,843,052         |                |                   |                  |                  |                   |                |
| NOVEMBER      | 1,045,513         | 188,963          | 49,509           | 1,283,985         |                | 1,188,261         | 156,529          | 21,803           | 1,366,593         |                |                   |                  |                  |                   |                |
| DECEMBER      | 1,133,264         | 194,968          | 164,983          | 1,493,215         |                | 1,291,144         | 248,183          | 178,331          | 1,717,658         |                |                   |                  |                  |                   |                |
| <b>TOTALS</b> | <u>14,259,367</u> | <u>4,290,054</u> | <u>2,008,345</u> | <u>20,557,766</u> |                | <u>13,800,893</u> | <u>4,266,733</u> | <u>1,752,797</u> | <u>21,537,420</u> | 91.75%         | <u>13,800,893</u> | <u>4,266,733</u> | <u>1,752,797</u> | <u>14,375,915</u> | 64.24%         |
| BUDGETED      |                   |                  |                  | 20,411,985        |                |                   |                  |                  | 21,601,700        |                |                   |                  |                  | 22,378,779        |                |

|      | Total<br>Receipts | Jan-July<br>Receipts | % of Annual<br>Collections | Projection based on ten year trend |              |
|------|-------------------|----------------------|----------------------------|------------------------------------|--------------|
|      |                   |                      |                            | JAN-JULY 2015 RECEIPTS =           | \$14,375,915 |
| 2005 | 11,172,242        | 7,166,898            | 64.15%                     |                                    |              |
| 2006 | 11,897,341        | 7,696,667            | 64.69%                     | HIGH =                             | 62.34%       |
| 2007 | 12,865,504        | 8,020,285            | 62.34%                     | LOW =                              | 65.10%       |
| 2008 | 14,159,170        | 9,217,657            | 65.10%                     |                                    |              |
| 2009 | 14,719,896        | 9,407,197            | 63.91%                     | LAST 3 YR                          |              |
| 2010 | 15,185,348        | 9,670,760            | 63.68%                     | AVG =                              | 63.75%       |
| 2011 | 17,765,717        | 11,161,927           | 62.83%                     |                                    |              |
| 2012 | 19,658,101        | 12,534,905           | 63.76%                     | *2015 BUDGETED RECEIPTS            | \$22,378,779 |
| 2013 | 20,557,766        | 13,020,081           | 63.33%                     |                                    |              |
| 2014 | 21,537,420        | 13,816,113           | 64.15%                     |                                    |              |
|      |                   | 10 Year Avg.         | 63.80%                     |                                    |              |

**FINANCE DIRECTOR'S REPORT  
RECREATION LEVY  
July 30, 2015**

| Account #                     | Description                                | #                 |                            |                  |                    |                  | Total<br>2014 -<br>2015 |
|-------------------------------|--------------------------------------------|-------------------|----------------------------|------------------|--------------------|------------------|-------------------------|
|                               |                                            | 2014<br>Actual    | 2015<br>Combined<br>Budget | 2015<br>Expended | 2015<br>Encumbered | 2015<br>Total    |                         |
| <b>Phase 1 - \$20,000,000</b> |                                            |                   |                            |                  |                    |                  |                         |
| 233-0233- 5230                | Design                                     | 7,090             | 0                          |                  | 0                  | 0                | 7,090                   |
| 5513                          | Other Park Improvements                    | 14,981            | 0                          |                  | 0                  | 0                | 14,981                  |
| 5521                          | National Guard City Alternatives           | 117,500           | 0                          |                  | 0                  | 0                | 117,500                 |
| 5533                          | Veterans Park Restroom/Shelter             | 0                 | 321,000                    |                  |                    | 250,000          | 250,000                 |
|                               |                                            | <b>139,571</b>    | <b>321,000</b>             | <b>0</b>         | <b>250,000</b>     | <b>250,000</b>   | <b>389,571</b>          |
|                               | Total net expended 2009-2013               | <b>19,537,505</b> |                            |                  |                    |                  |                         |
|                               | Total expended @ 12/31/14                  | <b>19,677,076</b> |                            |                  |                    |                  |                         |
|                               | <b>Total Phase 1 Expended and Budgeted</b> | <b>19,998,076</b> |                            |                  |                    |                  |                         |
| <b>Phase 2 - \$3,800,000</b>  |                                            |                   |                            |                  |                    |                  |                         |
| 233-0233- 5522                | Park Asphalt Projects                      | 306,291           | 144,319                    |                  | 79,900             | 79,900           | 386,191                 |
| 5523                          | Park Seal Coating Projects                 | 36,025            | 148,975                    | 20,549           | 83,882             | 104,431          | 140,456                 |
| 5524                          | Smith Park Trail                           | 27,461            | 235,250                    |                  | 0                  | 0                | 27,461                  |
| 5525                          | Park Irrigation                            | 0                 | 286,000                    |                  | 0                  | 0                | 0                       |
| 5526                          | Park Aeration                              | 20,109            | 0                          |                  | 0                  | 0                | 20,109                  |
| 5527                          | Parks General Construction Projects        | 113,737           | 198,763                    |                  | 0                  | 0                | 113,737                 |
| 5528                          | Dog Park                                   | 32,354            | 42,646                     | 2,183            | 21,086             | 23,269           | 55,623                  |
| 5529                          | Drainage & Excavation Projects             | 2,608             | 42,500                     |                  | 0                  | 0                | 2,608                   |
| 5530                          | Miscellaneous Park Improvements            | 42,715            | 43,285                     |                  | 0                  | 0                | 42,715                  |
| 5531                          | Veterans Park Parking Lot Addition         | 337,203           | 0                          |                  | 0                  | 0                | 337,203                 |
| 5532                          | Wayfinding and Signage                     | 0                 | 40,000                     |                  | 0                  | 0                | 0                       |
| 5534                          | Veterans Park Playtoy                      | 0                 | 165,000                    |                  | 0                  | 0                | 0                       |
| 5535                          | Splashpad Construction                     | 5,300             | 407,500                    | 150,229          | 385,200            | 535,429          | 540,729                 |
| 5536                          | Parkland Acquisition/Improvement           | 0                 | 989,646                    |                  | 908,376            | 908,376          | 908,376                 |
| 5537                          | Park Improvements Contingency              | 3,040             | 305,148                    |                  |                    | 0                | 3,040                   |
| 5538                          | Pickleball Courts                          | 0                 | 0                          | 0                | 20,000             | 20,000           | 20,000                  |
| 5710                          | In-House Design                            | 0                 | 10,000                     |                  | 0                  | 0                | 0                       |
|                               | <b>Total</b>                               | <b>926,843</b>    | <b>3,059,032</b>           | <b>172,961</b>   | <b>1,498,444</b>   | <b>1,671,405</b> | <b>2,598,248</b>        |
|                               | 2014 Expended                              | 926,843           |                            |                  |                    |                  |                         |
|                               | 2015 Combined Budget                       | <u>3,059,032</u>  |                            |                  |                    |                  |                         |
|                               | Total Expended and Appropriated            | 3,985,875         |                            |                  |                    |                  |                         |
|                               | Less Reimbursements:                       |                   |                            |                  |                    |                  |                         |
|                               | ONG                                        | -106,361          |                            |                  |                    |                  |                         |
|                               | YMCA                                       | -106,361          |                            |                  |                    |                  |                         |
|                               | <b>Total Phase 2 Expended and Budgeted</b> | <b>3,773,153</b>  |                            |                  |                    |                  |                         |

# Includes original appropriation plus supplemental appropriations and carryover purchase orders.

The sum total of money previously expended and the amounts appropriated by City Council for 2015 total \$19,998,076 for Phase 1 (\$20,000,000 max) and \$3,773,153 for Phase 2 (\$3,800,000 max). The total 2015 appropriation is \$3,380,032 of which \$172,961 has been expended, \$1,748,444 has been encumbered, and \$1,458,627 remains unencumbered at July 31, 2015.

TO: Mayor Riggle and Members of Council

FROM: R. Thomas Homan, City Manager

SUBJECT: Miscellaneous Matters

DATE: August 18, 2015

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1. **Calendars**

See Attached

2. **Per Section 73 Of The City Charter The City Manager Is To Report Contract Agreements**

See Attached

3. **Bi-Weekly Meetings**

August 7

\* City/County Health Fair

August 10

\* Rotary

\* Council meeting

August 17

\* Rotary

August 18

\* Stand Board meeting

# August

2015

| <i>Sun</i> | <i>Mon</i> | <i>Tue</i> | <i>Wed</i> | <i>Thu</i> | <i>Fri</i> | <i>Sat</i> |
|------------|------------|------------|------------|------------|------------|------------|
|            |            |            |            |            |            | <b>1</b>   |

|          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|
| <b>2</b> | <b>3</b> | <b>4</b> | <b>5</b> | <b>6</b> | <b>7</b> | <b>8</b> |
|----------|----------|----------|----------|----------|----------|----------|

Civil Service  
Commission 3  
Planning  
Commission 7

|          |           |           |           |           |           |           |
|----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <b>9</b> | <b>10</b> | <b>11</b> | <b>12</b> | <b>13</b> | <b>14</b> | <b>15</b> |
|----------|-----------|-----------|-----------|-----------|-----------|-----------|

Council 5:30

|           |           |           |           |           |           |           |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <b>16</b> | <b>17</b> | <b>18</b> | <b>19</b> | <b>20</b> | <b>21</b> | <b>22</b> |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|

Parking and Safety  
Committee 7

Parks & Rec  
Advisory Board 7

|           |           |           |           |           |           |           |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <b>23</b> | <b>24</b> | <b>25</b> | <b>26</b> | <b>27</b> | <b>28</b> | <b>29</b> |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|

Council 5:30

Shade Tree  
Commission 7

HPC -  
CANCELLED

|           |           |
|-----------|-----------|
| <b>30</b> | <b>31</b> |
|-----------|-----------|

**CONTRACT APPROVAL - AUGUST 24, 2015**

| <b>VENDOR</b>         | <b>EXPLANATION OF AGREEMENT</b>                 | <b>2015 AMOUNT</b> | <b>DEPARTMENT</b> |
|-----------------------|-------------------------------------------------|--------------------|-------------------|
| Fritz-Rumer-Cooke Co. | Pittsburgh Dr Railroad Track and Grade Crossing | \$109,315          | Engineering       |
| Webbfire Corporation  | FATS Video Scenario System                      | \$2,900            | Police            |
| CSX Transportation    | Curve Road Landfill - Leachate Collection       | \$5,125            | Engineering       |
| Harmon Sign, Inc      | Wayfinding Implementation Phase 1               | \$200,000          | Planning          |