



Real People. Real Possibilities.™

AGENDA

Special Council Meeting

6:00 PM Wednesday, June 14, 2023

Council Members

Omar Tarazi, President
Cynthia Vermillion, Vice President
Les Carrier
Tina Cottone
Peggy Hale
Pete Marsh
Andy Teater

Michelle Crandall, City Manager
Diane (Dee) Werbrich, Clerk of Council

City Hall, Council Chambers | 3800 Municipal Way, Hilliard, OH 43026



Real People. Real Possibilities.™

Hilliard City Council established the following five broad Strategic Focus Areas to guide the vision of the City. Under each of these Focus Areas is one significant goal to be prioritized during 2021-2022.

Strategic Focus Area #1 - Excellent, Innovative City Services

- Goal Statement - The City will ensure continued delivery of excellent and innovative services in the years ahead by developing a long-term financial plan focusing on fiscal resilience and sustainability.

Strategic Focus Area #2 - Family-friendly, Engaged Community

- Goal Statement - The City will focus on transparency, public trust and resident involvement by developing and implementing a community engagement and communications plan.

Strategic Focus Area #3 - Distinct, Well-Planned Community

- Goal Statement - The City is committed to implementing a strategy that includes public infrastructure maintenance and delivery of City services that support residents as they maintain properties in our older neighborhoods.

Strategic Focus Area #4 - Quality Commercial Development

- Goal Statement - The City will create and implement an economic development plan focused on the attraction, retention, growth and creation of businesses and jobs that provide a strong tax base and quality development.

Strategic Focus Area #5 - Valued Cultural and Recreational Amenities & Programs

- Goal Statement - The City will meet the community's needs for indoor recreational, health and wellness amenities and programming by engaging strategic partners to plan and build a new community center.



Real People. Real Possibilities.™

1. Call to Order

2. Roll Call

3. Business of the Council

A. Ordinances

Second Readings/Public Hearings

Public Notice: Any member of the public addressing Council on the Public Hearing below are asked to sign the speaker’s sign-in form so the Clerk will have accurate information about your name and address. Each speaker will contain their comments to **3 minutes** and shall conduct themselves in a professional manner.

23-08 AUTHORIZING THE FINANCE DIRECTOR TO TRANSFER FUNDS; AND THE APPROPRIATION AND EXPENDITURE OF FUNDS. 4 - 6

[Memo: 2023 HPD Capital Equipment Purchase - Pdf](#)

23-09 AMENDING THE AUTHORIZATION OF THE EXPENDITURE OF FUNDS FOR THE CLOVER GROFF RUN STREAM RESTORATION, PHASE 2, CIP ST-38. 7 - 10

[Memo: Clover Groff Run Stream Restoration, Phase 2 - Amended Authorization of Expenditure of Funds - Pdf](#)

First Readings - None

B. Resolutions

23-R-43 APPOINTING MEMBERS TO THE CITY OF HILLIARD TAX INCENTIVE REVIEW COUNCIL. 11 - 13

[Memo: TIRC Appointments - Pdf](#)

23-R-44 AUTHORIZING THE CITY MANAGER TO ENTER INTO AN AGREEMENT WITH DYNERGY ENERGY SERVICES (EAST), LLC FOR THE PROVISION OF COMPETITIVE RETAIL ELECTRIC AGGREGATION SERVICES AND ELECTIC POWER SUPPLY FOR ELIGIBLE CUSTOMERS WITHIN THE CITY OF HILLIARD. 14 - 20

[Memo: Electric Aggregation Contract with Dynergy - Pdf](#)

23-R-45 AUTHORIZING THE CITY MANAGER TO ENTER INTO A PROFESSIONAL SERVICES AGREEMENT (PSA) WITH RESOURCE INTERNATIONAL, INC. TO PROVIDE GENERAL ENGINEERING SERVICES AND AUTHORIZING AN EXPENDITURE. 21 - 51

[Memo: Authorization of Resource International, Inc PSA - Pdf](#)

Adjournment



Special Meeting

Real People. Real Possibilities.

Subject: 2023 HPD Capital Equipment Purchase
From: Michelle Crandall, City Manager
Initiated by: Michael Woods, Chief of Police, Division of Police
Meeting Date: June 14, 2023

Executive Summary

Approval of this legislation will allow the Division of Police to purchase a vehicle to replace an unmarked vehicle that was totaled in a crash.

Staff Recommendation

Staff recommends the transfer, appropriation and expenditure of funds in order to purchase the replacement vehicle.

Background

The Division of Police (HPD) uses a combination of marked and unmarked police vehicles to provide service to the Hilliard community. One of the Division's unmarked vehicles was involved in a crash and was determined to be a total loss by the City's insurance provider. As a result, the City received insurance proceeds for the loss of the vehicle. HPD has determined that replacing this lost vehicle with the use of the insurance proceeds is necessary. The purchased vehicle will be used by detectives to aid with investigations.

Financial Impacts

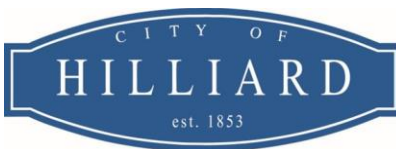
Insurance settlements totaling \$44,278.25 will be transferred to Fund 304, Object 46 to allow for a vehicle purchase not to exceed \$40,000.00. The remainder of the settlement will be available for 2024 appropriations.

Expected Benefits

The purchase will provide the Division of Police a needed resource to assist with investigations of crimes impacting our community.

Attachments

[Ordinance No. 23-08 \(Transfer, Appropriations and Expenditure of Funds\) - Pdf](#)



Ordinance: 23-08

Passed:
Effective:

**AUTHORIZING THE FINANCE DIRECTOR TO TRANSFER FUNDS; AND
THE APPROPRIATION AND EXPENDITURE OF FUNDS**

WHEREAS, pursuant to Section 6.10 of the Charter of the City of Hilliard, Council may amend the appropriations ordinance, provided the ordinance as amended does not authorize the expenditure of more revenue than is expected, and

WHEREAS, by the passage of Ordinance No. 22-38 on November 14, 2022, Council adopted the 2023 Capital Budget, and

WHEREAS, following a determination by the City's insurance companies that two Division of Police vehicles were totaled, the City has received insurance proceeds; and

WHEREAS, the Chief of Police has determined that there is a need to replace one of the totaled unmarked police vehicle with the use of the insurance proceeds received, and

WHEREAS, due to the fact that Police vehicle purchases are funded through the Capital Improvement fund, it is necessary to transfer funds in the following amounts:

From	To	Amount
Fund 895, Object 46, Escrow	Fund 304, Object 46, Capital Improvement	\$24,205.25
Fund 895, Object 46, Escrow	Fund 304, Object 46, Capital Improvement	\$20,523.00

WHEREAS, upon the transfer of funds, it is necessary to appropriate a certain amount of the funds in order to purchase the new unmarked police vehicle; and

WHEREAS, the transfer, appropriation, and expenditure of these funds for an unmarked police vehicle is in the City's best interests.

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

SECTION 1. Pursuant to Section 6.10 of the Charter of the City of Hilliard, Ordinance No. 22-38 is hereby amended in the following amount:

- Fund 304, Object 46 Increased to \$369, 728.25

SECTION 2. City Council approves the transfer of funds in the following amounts:

From	To	Amount
Fund 895, Object 46, Escrow Fund	Fund 304, Object 46, Capital Improvement Fund	\$24,205.25
Fund 895, Object 46, Escrow Fund	Fund 304, Object 46, Capital Improvement Fund	\$20,523.00

SECTION 3. The Finance Director is hereby authorized and directed to transfer the following amounts:

From	To	Amount
Fund 895, Object 46, Escrow Fund	Fund 304, Object 46, Capital Improvement Fund	\$24,205.25
Fund 895, Object 46, Escrow Fund	Fund 304, Object 46, Capital Improvement Fund	\$20,523.00

SECTION 4. Upon the transfer of the funds, an appropriation in an amount not to exceed \$40,000.00 is authorized from Fund 304, Object 46. The remainder of the transferred funds will be available for appropriation at a different time.

SECTION 5. An expenditure in an amount not to exceed \$40,000.00 is authorized from Fund 304, Object 46 to purchase one unmarked police vehicle.

SECTION 6. This Ordinance shall be in effect from and after the earliest time provided by law.

ATTEST:

SIGNED:

Diane C. Werbrich, MMC
Clerk of Council

President of Council

APPROVED AS TO FORM:

Philip K. Hartmann
Director of Law

CERTIFICATE OF THE CLERK

I, Diane C. Werbrich, Clerk of Council for the City of Hilliard, Ohio, do hereby certify that the foregoing Ordinance is a true and correct copy of Ordinance: **23-08** passed by the Hilliard City Council on the of

IN TESTIMONY WHEREOF, witness my hand and official seal on the of

 Diane C. Werbrich, MMC



Special Meeting

Real People. Real Possibilities.

Subject: Clover Groff Run Stream Restoration, Phase 2 Additional Appropriation
From: Michelle Crandall, City Manager
Initiated by: Clark Rausch, City Engineer, Community Development
Meeting Date: June 14, 2023

Executive Summary

This legislation would appropriate an additional \$443,500.00 for the Clover Groff Run Stream Restoration, Phase 2 Project (CIP ST-38) that will restore a portion of the Clover Groff Run on the City’s Roger A. Reynolds and Wellness Campus properties south of Scioto Darby Road.

Staff Recommendation

Staff recommends the approval of an additional \$443,500 for the total local amount of \$1,454,500.00 for the construction of the Clover Groff Run Stream Restoration, Phase 2 Project (CIP ST-38). The additional \$443,500, and possibly more, will be reimbursed to the City through a Clean Ohio Green Space Conservation Program grant (“Clean Ohio Grant”) administered by the Ohio Public Works Commission (OPWC).

Background

On April 24, 2023, City Council approved Resolution NO. 23-R-26 authorizing an amount not to exceed \$1,454,500.00 for the construction of CIP ST-38. Of this total cost, forty-five percent (45%) of the project will be funded from the Clean Ohio Grant up to a maximum \$594,747.00. The remainder of the project will be funded from \$1,011,000.00 appropriated for CIP ST-38 in the City’s 2023 Capital Improvement Budget approved on November 14, 2022.

The City’s intent was to pay its portion of each contractor invoice with the funds budgeted in the Capital Improvement Budget, and OPWC will reimburse the remainder of each contractor invoice directly with the Clean Ohio Grant funds. However, the State Auditors require the entire amount of the project to be appropriated with local funds, with the Clean Ohio Grant reimbursing the City for the grant’s portion of the project funds. Therefore, the difference between the amount authorized in Resolution NO. 23-R-26 and the amount for CIP ST-38 in the City’s 2023 Capital Improvement Budget, or \$443,500, must be appropriated for use on project CIP ST-38.

Financial Impacts

As detailed above, an additional \$443,500.00 of local funds must be shown to be available for construction of CIP ST-38. However, as noted, the City will be reimbursed these funds, and possibly more, from the Clean Ohio Grant. This grant pays for forty-five (45%) of the project cost, not to exceed \$594,747.00.

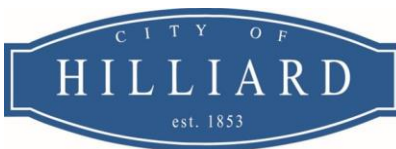
Expected Benefits

The construction of the Clover Groff Run Stream Restoration, Phase 2 will complete the restoration of Clover Groff Run on the City’s property south of Scioto Darby Road. The project is consistent with the Big Darby Accord Plan, and will improve water quality, aquatic and terrestrial habitat of the stream. In addition, the project will allow the City to redefine the boundaries of the 100-year floodplain for Clover Groff Run on the City’s Wellness Campus property, thus allowing more of the property to be developed for the new Community Center and athletic fields.

In addition, the project will allow the City to meet another Ohio EPA requirement. The City’s permit as operators of a Phase 2 Municipal Separate Storm Sewer System (“MS4”) requires the City to meet a Total Maximum Daily Load (TMDL) requirement in the Big Darby Creek watershed during the five-year permit cycle. This requirement may be met by either retrofitting an existing storm water practice that only provides peak discharge controls, or by performing a stream restoration on a minimum three hundred linear feet (300’) of channelized stream. The Clover Groff Run Stream Restoration Project, Phase 2 will allow the City to meet the latter requirement for the current five-year MS4 permit cycle.

Attachments

[Ordinance No. 23-09 \(Clover Groff Run Stream Restoration Phase 2 Additional Appropriation\) - Pdf](#)



Ordinance: 23-09

**Passed:
Effective:**

AMENDING THE AUTHORIZATION OF THE EXPENDITURE OF FUNDS FOR THE CLOVER GROFF RUN STREAM RESTORATION, PHASE 2, CIP ST-38.

WHEREAS, by the passage of Ordinance No. 22-38 on November 14, 2022, Council adopted the City's 2023 Capital Improvement Budget; and

WHEREAS, the approved Capital Improvement Budget included \$1,011,000.00 for CIP ST-38, Clover Groff Run Stream Restoration, Phase 2; and

WHEREAS, on April 24, 2023, City Council passed Resolution No. 23-R-26 authorizing the City Manager to enter into a contract for CIP ST-38, Clover Groff Run Stream Restoration, Phase 2 and authorizing the expenditure of funds; and

WHEREAS, on July 19, 2022, the City was awarded a Clean Ohio Green Space Conservation Program grant (the "Clean Ohio Grant") for forty-five percent (45%) of the project cost, not to exceed \$594,747; and

WHEREAS, Resolution No. 23-R-26 authorized an expenditure of funds not to exceed \$1,454,500.00 from Fund 304, Object 55; and

WHEREAS, the State of Ohio Auditor requires the full amount of the project funds to be allocated as local funds, even if the funds will be reimbursed by the Clean Ohio Grant; and

WHEREAS, since the 2023 Capital Improvement Budget only includes \$1,011,000.00 for CIP ST-38, an additional \$443,500 must be appropriated for the full amount of the project; and

WHEREAS, these additional funds will be reimbursed to the City from the Clean Ohio Grant.

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

SECTION 1. An appropriation is made in the amount of \$443,500 from the 2023 capital improvement budget, Fund 304, Object 55 to provide the full amount of funds for CIP ST-38, Clover Groff Run Stream Restoration, Phase 2.

SECTION 2. An expenditure in an amount not to exceed \$1,454,500.00 is authorized from Fund 304, Object 55 to provide funds for CIP ST-38, Clover Groff Run Stream Restoration, Phase 2.

SECTION 3. The Finance Director is authorized to make any accounting changes to revise the funding source for any contract or contract modification associated with expenditure of the funds.

SECTION 4. This Ordinance shall be in effect from and after the earliest time provided for by law.

ATTEST:

SIGNED:

Diane C. Werbrich, MMC
Clerk of Council

President of Council

APPROVED AS TO FORM:

Philip K. Hartmann
Director of Law

CERTIFICATE OF THE CLERK

I, Diane C. Werbrich, Clerk of Council for the City of Hilliard, Ohio, do hereby certify that the foregoing Ordinance is a true and correct copy of Ordinance: **23-09** passed by the Hilliard City Council on the of

IN TESTIMONY WHEREOF, witness my hand and official seal on the of

Diane C. Werbrich, MMC



Special Meeting

Real People. Real Possibilities.

Subject: TIRC Appointments
From: Michelle Crandall, City Manager
Initiated by: David Meadows, Economic Development Director, Economic Development Department
Meeting Date: June 14, 2023

Executive Summary

Approval of this legislation would re-appoint Les Carrier and appoint Greg Tantari to one-years terms on the City of Hilliard Tax Incentive Review Council (TIRC).

Staff Recommendation

Staff recommends that City Council authorize the TIRC appointments to fulfill the requirements of Ohio Revised Code.

Background

The TIRC is an advisory body that reviews the compliance of Tax Increment Financing (TIF) Districts and Community Reinvestment Area (CRA) Agreements passed by the City of Hilliard. The City of Hilliard has designated areas of the City as TIF Districts pursuant to section 5709.40 of the Ohio Revised Code (ORC), and areas of the City as CRAs pursuant to sections 3735.65.70 of the ORC. City Council established a TIRC pursuant to ORC Sections 5709.85 and 5709.883 to annually review the TIFs and CRA agreements' compliance. Hilliard TIRC members include: representatives appointed by Franklin County, the Franklin County Auditor, Hilliard City School District, Tolles Career & Technical School, Norwich Township, Brown Township and the City of Hilliard.

The TIRC is mandated to review any information this Council determines to be reasonably necessary to make the determinations required under the ORC. That information is supplied by City staff working with the County Auditor's office. The TIRC is required to make formal recommendations to City Council to modify, cancel or continue the agreements and if necessary, make suggestions to improve compliance.

Financial Impacts

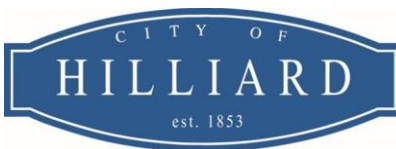
N/A

Expected Benefits

N/A

Attachments

[Resolution No. 23-R-43 \(TIRC Appointments\) - Pdf](#)



Resolution: 23-R-43

Adopted:
Effective:

APPOINTING MEMBERS TO THE CITY OF HILLIARD TAX INCENTIVE REVIEW COUNCIL.

WHEREAS, the City has Community Reinvestment Area ("CRA" Agreements and Tax Increment Financing ("TIF") projects in the City for purposes of economic development; and

WHEREAS, pursuant to R.C. 5709.85(C) the City created a Tax Incentive Review Council (TIRC) to annually review all agreement granting exemptions from property taxation in CRAs and exemptions in property taxation resulting from the declaration of public purpose improvements pursuant to TIF exemptions (the CRA and TIFs collectively hereafter referred to as the "exemption projects); and

WHEREAS, pursuant to Section 5709.85 of the Ohio Revised Code, the City's TIRC must meet annually to review all exemption projects as to compliance with applicable statutes and agreements; and

WHEREAS, pursuant to Section 5709.85(A)(2) two members shall be appointed by the chief executive officer with the concurrence of the legislative authority of the respective municipal corporation; and

WHEREAS, Resolution No. 22-47, adopted by City Council on June 13, 2022, appointed two members to the Hilliard TIRC, with terms expiring June 12, 2023; and

WHEREAS, City Manager Crandall seeks to re-appoint Les Carrier, City Council member and to appoint Greg Tantari, Deputy Finance Director to the City of Hilliard TIRC.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hilliard, Ohio that:

SECTION 1. Hilliard City Council concurs with the City Manager's re-appointment of Les Carrier, City Council member to a one-year term, expiring June 13, 2024.

SECTION 2. Hilliard City Council concurs with the City Manager's appointment of Greg Tantari, Deputy Finance Director to a one-year term, expiring on June 13, 2024.

SECTION 3. This Resolution is effective upon its adoption.

ATTEST:

SIGNED:

Diane C. Werbrich, MMC
Clerk of Council

President of Council

APPROVED AS TO FORM:

Philip K. Hartmann
Director of Law

CERTIFICATE OF THE CLERK

I, Diane C. Werbrich, Clerk of Council for the City of Hilliard, Ohio, do hereby certify that the foregoing Resolution is a true and correct copy of Resolution: **23-R-43** passed by the Hilliard City Council on the of

IN TESTIMONY WHEREOF, witness my hand and official seal on the of

Diane C. Werbrich, MMC



Special Meeting

Real People. Real Possibilities.

Subject:	Electric Aggregation Contract with Dynergy
From:	Michelle Crandall, City Manager
Initiated by:	Dan Ralley, Assistant City Manager, Community Development
Meeting Date:	June 14, 2023

Executive Summary

This Resolution authorizes the City's supplier agreement for the electric aggregation program.

Staff Recommendation

Staff recommends approval as presented.

Background

On November 8, 2022, Hilliard voters authorized the creation of a green electric aggregation program. This program will provide a community-based electric aggregation program for residential and small business customers. Under this program, the electric usage is aggregated to take advantage of collective purchasing. The City's aggregation program will include the purchase of Renewable Energy Certificates (RECs) to offset the carbon footprint of the energy used.

Energy Alliances is the City's advisor and consultant for the electric aggregation program. Background on this program was presented to City Council on April 10, 2023.

Energy Alliances received bids from three energy suppliers on May 31, 2023. Rich Surace with Energy Alliances will provide information about the recommended supplier Dynergy, how the cost compares to the anticipated AEP default rate (the "price to compare"), and options for moving forward related to the type of RECs available for purchase (Green-e or Non Green-e) and the availability of a traditional aggregation option in addition to the default green aggregation program.

Expected Benefits

Residents and businesses that participate in the electric aggregation program will benefit from electric utility rates that are lower than what AEP has provided since 2022, and significantly lower rates than AEP has implemented effective June 1, 2023. The recommended provider, Dynergy, also provides a net metering option for customers utilizing solar panels who wish to potentially sell electricity back to the grid.

Attachments

[CommunityAggregation_CityOfHilliard_20230612
Resolution No. 23-R-44 \(Electric Aggregation\) - Pdf](#)

ENERGY ALLIANCES

**OHIO'S MOST TRUSTED
ENERGY ADVISER.**



City of Hilliard Electric Aggregation

June 12, 2023



Electric Aggregation RFP

- Bids Received May 31st
- Criteria:
 - Competitive rate to AEP Ohio Default Rate
 - Ability to provide Renewable Energy Certificates (RECs)
 - Term between 12 and 24 months
 - Free and Easy Opt-Out & Opt-In
 - No Termination Fee
 - Ability to handle Net-Metered customer
- 3 Responses
 - One Discarded due to highest price
 - One Discarded due to lack of ability to handle net metered customers

Aggregation Recommendation

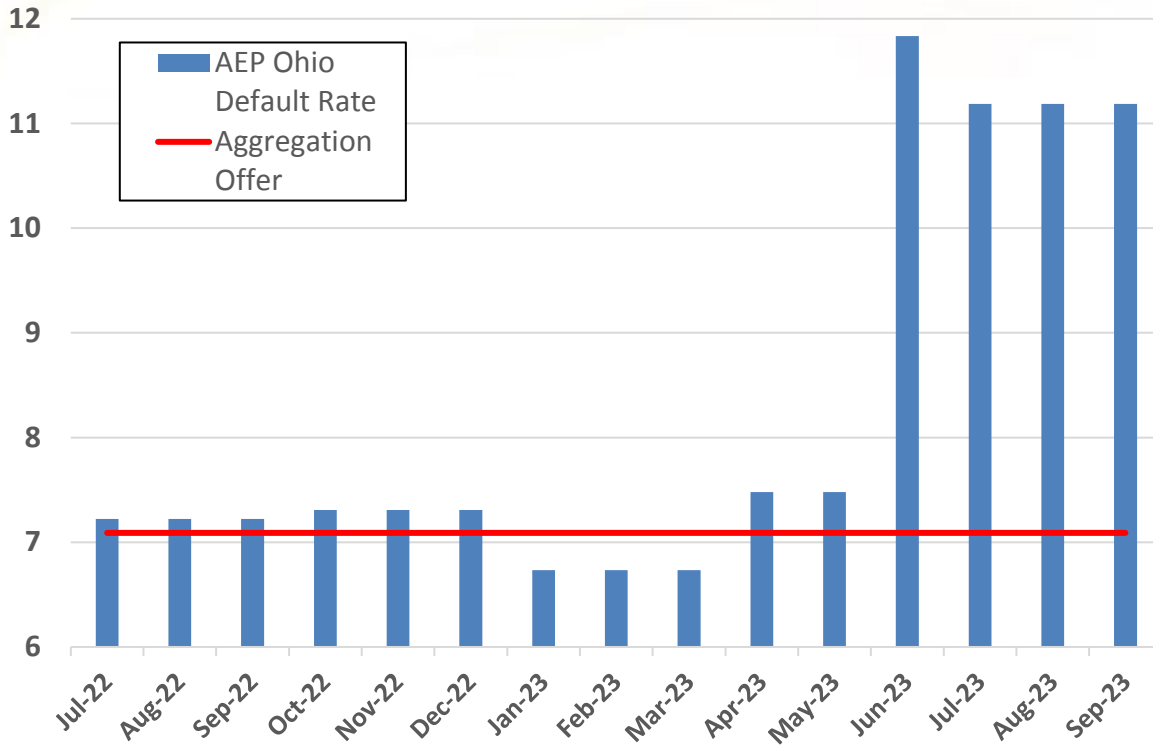
Supplier Recommendation: Dynegy Energy Services

September 2023 Start (October 2023 Bill)			
Term (Months)	12	20	24
End Month	Sep-24	May-25	Sep-25
Default - Renewable Rate	6.79	6.88	7.09
Optional (Opt-In) Traditional Rate	6.45	6.53	6.73

Indicative Pricing as of 5/31/2023

- Recommend 24-month term
- Why 24-month term...

Aggregation Rate vs. AEP Ohio (¢ per kWh)



24-Month Offer Guarantees:

- Excluding 3 months, lowest rates since Summer 2022
- Lowest Summer Rates since 2021
- Investment in Renewable Energy Sources





Resolution: 23-R-44

Adopted:
Effective:

AUTHORIZING THE CITY MANAGER TO ENTER INTO AN AGREEMENT WITH DYNERGY ENERGY SERVICES (EAST), LLC FOR THE PROVISION OF COMPETITIVE RETAIL ELECTRIC AGGREGATION SERVICES AND ELECTIC POWER SUPPLY FOR ELIGIBLE CUSTOMERS WITHIN THE CITY OF HILLIARD.

WHEREAS, on November 8, 2022 the electors of the City of Hilliard approved a ballot issue authorizing the City to establish an opt-out electric governmental aggregation program pursuant to Ohio Revised Code § 4928.20; and

WHEREAS, the Public Utilities Commission of Ohio granted the City a certificate to provide governmental aggregation services based on the plan of operation and governance for the implementation of the City's electric aggregation program (the Governance Plan") adopted by City Council in Resolution No. 23-R-22; and

WHEREAS, Energy Alliances, the City's electric aggregation consultant, has evaluated the responses to its recent request for proposals and has recommended that the City enter into an agreement for a term not to exceed 24 months with Dynergy Energy Services (East), LLC (d/b/a Dynergy Energy Services, LLC) as the Competitive Retail Electric Service Provider for the City's electric aggregation program.

NOW THEREFORE, BE IT RESOLVED by the Council of the City of Hilliard, Ohio that:

SECTION 1. City Council hereby authorizes the City Manager to enter into an electric energy supply agreement ("Agreement") with Dynergy Energy Services (East), LLC (d/b/a Dynergy Energy Services, LLC) (the "Provider") for the provision of competitive electric aggregation services for a term not to exceed 24 months. The Agreement shall, at a minimum, include the following terms and conditions:

- (a) The Provider shall provide power and related services to customers of the City's electric aggregation program at the rate approved by the City Manager upon consultation with Energy Alliances.
- (b) The Provider shall purchase renewable energy certificates representing one hundred percent of the total kWh supplied to customers who participate in the green energy program.
- (c) The Provider shall offer an opt-out option for customers who wish to participate in an aggregation program that utilizes non-renewable sources of electricity.
- (d) The Provider shall permit customers to leave the program at any time with no termination fee or other charges for leaving the program.
- (e) The Provider shall not charge a termination fee for customers leaving the City's electric aggregation program.
- (f) The Provider shall allow eligible customers to enter the program at any time at the same rate per kWh and terms as other customers already in the program and to not charge any application fee or other charges for entering the program
- (g) The Provider shall be responsible for providing opt-out notifications to all eligible customers.

(h) The Provider shall be responsible for developing the customer list and ongoing maintenance of the list.

(i) The Provider shall provide a customer call center with a toll-free number staffed by knowledgeable service representatives specifically trained as to the City's electric aggregation program.

(j) The Agreement shall not be transferred or assigned by the Provider without the prior authorization of City Council.

(k) All actions of the Provider shall be in full compliance with Ohio Revised Code § 4928.20, the regulations of the Public Utilities Commission of Ohio, and the City's Governance Plan.

SECTION 2. The City Manager is hereby authorized to take all actions, including the execution of the Agreement and any amendments, notifications and forms required by the State of Ohio, or any other documents, necessary to implement the City's electric aggregation program consistent with this Resolution, Ohio Revised Code § 4928.20, the regulations of the Public Utilities Commission of Ohio, and the City's Governance Plan.

SECTION 3. This Resolution shall be effective upon its adoption.

ATTEST:

SIGNED:

Diane C. Werbrich, MMC
Clerk of Council

President of Council

APPROVED AS TO FORM:

Philip K. Hartmann
Director of Law

CERTIFICATE OF THE CLERK

I, Diane C. Werbrich, Clerk of Council for the City of Hilliard, Ohio, do hereby certify that the foregoing Resolution is a true and correct copy of Resolution: **23-R-44** passed by the Hilliard City Council on the of

IN TESTIMONY WHEREOF, witness my hand and official seal on the of

Diane C. Werbrich, MMC



Special Meeting

Real People. Real Possibilities.

Subject:	Authorization of Resource International, Inc PSA
From:	Michelle Crandall, City Manager
Initiated by:	Letty Schamp, Director of Transportation and Mobility, Mobility Division
Meeting Date:	June 14, 2023

Executive Summary

This resolution authorizes a Professional Services Agreement (PSA) for a General Engineering Services (GES) contract with Resource International, Inc. to provide technical expertise and support for the Division of Transportation & Mobility on an “on-call” basis for the City’s annual Street Maintenance & Rehabilitation Program (CIP T-121), annual Sidewalk Maintenance Program (CIP T-160), and annual Trail Maintenance Program (CIP T-161).

Staff Recommendation

Staff recommends approval of this resolution.

Background

The Division of Transportation & Mobility desires to utilize the services of a consultant to provide technical expertise in the following general areas to support the City’s annual maintenance programs.

- geotechnical investigations and engineering
- pavement assessments and engineering
- drainage evaluations
- materials testing
- planning and design
- preparation of construction plans

The purpose of this consultant contract is to investigate pavements experiencing premature deterioration or failure, develop cost-effective solutions, and assist in long-range capital prioritization and planning for pavement upgrades.

The Division of Transportation & Mobility issued a Request for Proposal (RFP) for a pavement specialist on January 13, 2023 on Bid Express. Ten proposals were received on January 27, 2023. Staff reviewed and scored the proposals based on technical approach & innovation; experience & training; and past performance. Resource International, Inc. was selected by staff to provide the services. Staff have worked with the consultant over the past few months to refine project scope and fee.

Staff desires to enter into an annual general engineering services (GES) contract with Resource International, Inc. This contract is eligible for up to four annual extensions for a total of five years, provided that Resource International, Inc. continues to provide satisfactory and responsive service.

Several tasks have been identified for 2023:

1. Task 1: Investigate and provide solutions for drainage issues at the Audubon Ave/Davis Road intersection
2. Task 2: Investigate and provide solutions for Heritage Preserve pavement deterioration and drainage issues
3. Task 3: Assistance with evaluation of PCI rating provider and QA/QC review
4. Task 4: Assistance with the development of a 5-year capital program for the SMRP
5. Task 5: “If Authorized” contingency funds for minor design and technical assistance to prepare the 2024 SMRP

Financial Impacts

In 2023, the financial impact for the PSA is \$150,000. Funds for this purpose were budgeted in the 2023 Capital Improvement Budget for the Annual Street Maintenance & Rehabilitation Program (CIP T-121). Funds for annual contract extensions will be included in future capital improvement budgets.

Expected Benefits

The benefit of this PSA is to provide technical support to improve the condition of asphalt and concrete pavements citywide.

Attachments

[Resolution No. 23-R-45 \(Resource International PSA\) - Pdf](#)



Resolution: 23-R-45

Adopted:
Effective:

AUTHORIZING THE CITY MANAGER TO ENTER INTO A PROFESSIONAL SERVICES AGREEMENT (PSA) WITH RESOURCE INTERNATIONAL, INC. TO PROVIDE GENERAL ENGINEERING SERVICES AND AUTHORIZING AN EXPENDITURE.

WHEREAS, the City of Hilliard Division of Transportation & Mobility utilizes the services of consultants to provide on-call services and technical expertise to support the needs of the Division; and

WHEREAS, Resource International Inc. was selected to provide professional services to support the City's annual Street Maintenance & Rehabilitation Program (CIP T-121), the annual Sidewalk Maintenance Program (CIP T-160), and the annual Trail Maintenance Program (CIP T-161), (collectively hereinafter the "Program") based on their project understanding, technical experience, training, and past performance; and

WHEREAS, the City of Hilliard desires to enter into a professional services agreement (PSA) with Resource International, Inc. for geotechnical engineering; pavement assessment and design; drainage assessment and design; materials testing; capital planning for pavement maintenance, rehabilitation and reconstruction; plan preparation; and other related services for the Program; and

WHEREAS, the PSA for General Engineering Services (GES) is an annual contract and tasks are performed on an "as-directed" basis, whereby Resource International Inc. will provide services only as requested and directed by the City based on specific work to be performed; and

WHEREAS, tasks have been identified by staff for 2023 for an estimated cost of \$150,000; and

WHEREAS, by passage of Ordinance No. 22-38 on November 14, 2022, funds in the amount of \$150,000 were appropriated in the 2023 Capital Budget for CIP T-121 Street Maintenance & Rehabilitation Program to cover the estimated cost for the tasks; and

WHEREAS, pursuant to Section 3.10 of the Charter of the City, authorization to fund the Services may be established by Resolution of Council.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hilliard, Ohio that:

SECTION 1. An expenditure is authorized in 2023 in the amount of \$150,000 from Fund 202/206, Object 55.

SECTION 2. The City Manager is hereby authorized to enter into a professional service agreement ("Agreement") with Resource International, Inc. in substantially the same form as the one **attached** hereto as Exhibit "A" and incorporated herein, for General Engineering Services. The City Manager is authorized to make such changes to the Agreement that are not inconsistent with this Resolution and not adverse to the City.

SECTION 3. The City Manager is authorized to extend this Agreement for up to four additional years, subject to satisfactory performance and the appropriation of sufficient funds by City Council.

SECTION 4. The Finance Director is authorized to make any accounting changes to revise the funding source for any contract or contract modification associated with expenditure of the funds provided herein.

SECTION 5. This Resolution is effective upon its adoption.

ATTEST:

SIGNED:

Diane C. Werbrich, MMC
Clerk of Council

President of Council

APPROVED AS TO FORM:

Philip K. Hartmann
Director of Law

CERTIFICATE OF THE CLERK

I, Diane C. Werbrich, Clerk of Council for the City of Hilliard, Ohio, do hereby certify that the foregoing Resolution is a true and correct copy of Resolution: **23-R-45** passed by the Hilliard City Council on the of

IN TESTIMONY WHEREOF, witness my hand and official seal on the of

Diane C. Werbrich, MMC



**CITY OF HILLIARD, OHIO
PROFESSIONAL SERVICES AGREEMENT**

This Professional Services Agreement (“Agreement”) is by and between the City of Hilliard, Ohio, 3800 Municipal Way, Hilliard, Ohio 43026, (hereinafter referred to as “**City**”), and Resource International Inc. with an address of 6350 Presidential Gateway, Columbus, OH 43231 (hereinafter referred to as “**Service Provider**”).

Witnesseth, that for the mutual considerations herein specified, **City** and **Service Provider** have agreed and do hereby agree as follows:

SECTION I – OBLIGATIONS OF SERVICE PROVIDER

- A. Perform the Services as set forth in Exhibit A.
- B. If the **Service Provider** is an individual, complete, sign and return the Ohio Public Employees Retirement System (“OPERS”) Independent Contractor Acknowledgement form.
- C. Give prompt notice to **City** should the **Service Provider** observe or otherwise become aware of any fault or deficit in the project or any nonconformance with the Agreement.
- D. Remit to **City** after the termination of this Agreement, all files and documents pertaining to the project that have been obtained or produced including, but not limited to, permits, licenses, applications, codes, drawings, site plans, photographs and similar materials. **Service Provider** shall be entitled to retain copies for the **Service Provider's** files.

SECTION II – OBLIGATIONS OF HILLIARD

- A. Assist the **Service Provider** by placing at its disposal all available information pertinent to the Services for the project.
- B. Use its best efforts to secure release of other data applicable to the project held by others.
- C. Make all necessary provisions to enter upon public and private property as required to perform the Services.
- D. Give prompt notice to the **Service Provider** should **City** observe or otherwise become aware of any fault or deficit in the project or any nonconformance with the Agreement.

SECTION III – TERM AND TERMINATION

- A. This Agreement begins on the date signed by the City Manager and the **Service Provider** shall promptly provide the **City** with the Services as set forth in Exhibit A.
- B. The **City** may terminate this Agreement at any time by giving **Service Provider** thirty (30) days advance written notice. In the event this Agreement is terminated by **City** prior to its natural expiration, **Service Provider** shall be paid the amounts for work actually performed in accordance with this Agreement to the date of this early termination.
- C. This Agreement may be extended for an additional year(s) if agreed to in writing, executed by the **City** and the **Service Provider**, subject to the appropriation of sufficient funds.

SECTION IV - PAYMENT

- A. **Service Provider** shall be compensated for the Services outlined in Exhibit A, on an hourly basis, for the rates and charges described in Exhibit A, for a total not to exceed \$150,000. For any assigned additional tasks/projects, **Service Provider** shall be compensated as agreed upon by the **Service Provider** and **City**, contingent upon the appropriation of sufficient funds and the approval of Hilliard City Council, if required.
- B. The **Service Provider** shall submit invoices to the attention of the **City's Director of Transportation & Mobility** or designee, properly identified with the appropriate **City** purchase order number. Payment to **Service Provider** shall be made within thirty (30) days of receiving an invoice, if additional information is not required by the **City** in order to pay the invoice.

SECTION V – RELATIONSHIP OF PARTIES

The parties acknowledge and agree that **Service Provider** is an independent contractor and is not an agent or employee of **City**. Nothing in this Agreement shall be construed to create a relationship between **Service Provider** and the **City** of a partnership, association, or joint venture. Further, the parties acknowledge that **Service Provider** is paid a fee, retainer or other payment as per Section IV of this Agreement; is not eligible for workers' compensation or unemployment compensation; is not eligible for employee fringe benefits such as vacation or sick leave; does not appear on **City's** payroll; is required to provide his or her own supplies and equipment; and is not controlled or supervised by **City** personnel as to the manner of work. Nothing under this Agreement shall be construed to give any rights or benefits in this Agreement to anyone other than **City** and **Service Provider**.

SECTION VI – INDEMNIFICATION

- A. Professional Liability. Relative to any and all claims, losses, damages, liability and cost, the **Service Provider** agrees to indemnify and save **City**, its officers, officials, and employees harmless from and against any and all suits, actions or claims for property losses, damages or personal injury arising from the negligent acts, errors or omissions by the **Service Provider** or its employees.
- B. Non-Professional Liability (General Liability). To the fullest extent permitted by law, the **Service Provider** shall indemnify, defend and hold harmless **City**, its officers, officials, employees or any combination thereof, from and against claims, damages, losses and expenses, including but not limited to attorneys' fees, arising out of the acts or omissions of the **Service Provider**, provided that such claim, damage, loss or expenses is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of property (other than the work itself) including loss of use resulting therefrom, but only to the extent caused by the negligent acts or omissions of the **Service Provider**, any subconsultant(s) of the **Service Provider**, its agents, or anyone directly or indirectly employed by them or anyone for whose acts they may be liable. Such obligations shall not be construed to negate, abridge, or reduce other rights or obligations of indemnity which would otherwise exist as to a party or person described in this paragraph.

SECTION VII - INSURANCE

- A. The **Service Provider** shall secure and maintain, at his/her/its own expense, errors and omissions insurance in an amount not less than One Million Dollars (\$1,000,000.00) per claim/annual aggregate to protect himself from any claim arising out of the performance of professional services and caused by negligent acts, omissions or negligent acts for which the **Service Provider** may be legally negligent. The **Service Provider** shall maintain said coverage for the entire contract period and for a minimum of one year after completion of the work under the contract.
- B. In addition to errors and omissions insurance, the **Service Provider** shall also secure and maintain, at his/her own expense, insurance for protection from claims under Worker's Compensation acts, claims for damages because of bodily injury including personal injury, sickness or disease or death of any and all employees or of any person other than such employees, and from claims or damages because of injury to or destruction of property including loss of use resulting therefrom, and any other insurance prescribed by laws, rules, regulations, ordinances, codes or orders.
- C. The **Service Provider** shall secure and maintain, at his/her own expense, General Liability insurance in an amount not less than One Million Dollars (\$1,000,000.00) per occurrence.
- D. The **Service Provider** shall secure and maintain, at his/her/its own expense, Property insurance for protection from claims or damages because of damage to or destruction of property including loss of use resulting therefrom in an amount not less than Five Hundred Thousand Dollars (\$500,000.00).
- E. The **City** shall be held harmless for any damage to the **Service Provider's** property and/or equipment during the course of performance under the Contract.
- F. The above referenced insurance shall be maintained in full force and effect during the life of this Contract and for one year beyond, where specified. Certificates showing that the **Service Provider** is carrying the above referenced insurance in at least the above specified minimum amounts shall be furnished to, and approved by, the **City** prior to the start of work on the project and before the **City** is obligated to make any payments to the **Service Provider** for the work performed under the provision of this contract. All such Certificates, with the exception of those for Worker's Compensation and Errors & Omissions coverage, shall clearly reflect that the City of Hilliard is an "Additional Insured".

SECTION VIII – EMPLOYEE DOCUMENTATION

- A. **Service Provider** guarantees that the individuals employed by the Service working on this project are authorized to work in the United States. **Service Provider** will upon demand provide **City** with

appropriate documentation (Form I-9) for any **Service Provider** employee performing services for **City**.

- B. The **Service Provider** agrees to indemnify **City** in accordance with Section VI of the Agreement for any issue arising out of the **Service Provider's** hiring or retention of any individual who is not authorized to work in the United States.

SECTION IX – TAXES

- A. **Service Provider** has the following identification number for income tax purposes: [Click or tap here to enter text.](#)
- B. **Service Provider** is subject to and responsible for all applicable federal, state, and local taxes.
- C. The **City** represents that it is a tax-exempt entity and evidence of this tax-exempt status shall be provided to **Service Provider** upon written request. **Service Provider** hereby further agrees to withhold all municipal income taxes due or payable under the provisions of Chapter 183 of the Codified Ordinances of City, Ohio, for wages, salaries and commissions paid to its employees and further agrees that any of its subcontractors shall be required to agree to withhold any such municipal income taxes due under such chapter for Services performed under this Agreement.
- D. The **Service Provider** shall receive Internal Revenue Service form 1099 from the **City** for income tax reporting purposes.

SECTION X – ASSIGNMENT

Neither party may assign this Agreement without obtaining express, written consent from the other party prior to assignment.

SECTION XI – ENTIRE AGREEMENT/AMENDMENT

This Agreement constitutes the entire understanding of the parties hereto with respect to the subject matter hereof and supersedes all prior negotiations, discussions, undertakings and agreements between the parties. This Agreement may be amended or modified only by a writing executed by the duly authorized officers of the parties hereto. It is understood and agreed that this Agreement may not be changed, modified, or altered except by an instrument, in writing, signed by both parties in accordance with the laws of the State of Ohio.

SECTION XII - DISCRIMINATION

- A. No discrimination for reason of race, sex, sexual orientation, gender identity or expression, color, religion, ancestry, national origin, age, disability, familial status, marital status, or military status shall be permitted or authorized by **City** and/or **Service Provider** in connection with the Services.
- B. Nothing in this Agreement shall require the commission of any act contrary to any law or any rules or regulations of any union, guild, or similar body having jurisdiction over the Services of **Service Provider**.

SECTION XIII. GOVERNING LAW/VENUE.

Any controversy or claim, whether based upon contract, statute, tort, fraud, misrepresentation or other legal theory, related directly or indirectly to this Agreement, whether between the parties, or of any of the parties' employees, agents or affiliated businesses, will be resolved under the laws of the State of Ohio, in any court of competent jurisdiction in Franklin County, Ohio.

SECTION XIV. SEVERABILITY.

If any provision of this Agreement is held invalid or unenforceable, such provision shall be deemed deleted from this Agreement and shall be replaced by a valid, mutually agreeable and enforceable provision which so far as possible achieves the same objectives as the severed provision was intended to achieve, and the remaining provisions of this Agreement shall continue in full force and effect.

SECTION XV. PARAGRAPH HEADINGS.

Paragraph headings are inserted in this Agreement for convenience only and are not to be used in interpreting this Agreement.

SECTION XVI. ELECTRONIC SIGNATURES.

The Parties agree that this Agreement and any other documents to be delivered in connection herewith may be electronically signed, and that electronic signatures appearing on this Agreement or such other documents are the same as handwritten for the purposes of validity, enforceability, and admissibility.

IN WITNESS WHEREOF, the parties, each by a duly authorized representative, have entered into this Agreement and this Agreement is effective on the date signed by the City Manager as identified below.

Service Provider: Resource International Inc.

City of Hilliard, Ohio

Print Name: _____

Title: _____

Date: _____

Michelle L. Crandall
City Manager

Date: _____

Approved as to Form:

Philip Hartmann, Law Director

Fiscal Officer Certificate

As the Fiscal Officer for the City of Hilliard, Ohio, I certify that the funds required to meet the obligations of the City during the current fiscal year under the foregoing Professional Services Agreement with Resource International Inc, in the amount of \$150,000, has been lawfully appropriated and is in the treasury of the City, or is in the process of collection to the credit of an appropriate fund, free from any previous encumbrances. This Certificate is given in compliance with Section 5705.41 of the Ohio Revised Code.

Date: _____

Karrie Martin, Acting Director of Finance
Appropriation Legislation: Ordinance No. 22-38
Effective: December 14, 2022
P.O. #: [Click or tap here to enter text.](#)
Contract Legislation: Resolution No. _
Adopted: [Click or tap to enter a date.](#)



RESOURCE INTERNATIONAL, INC.

6350 Presidential Gateway
Columbus, Ohio 43231
Ph: 614.823.4949

May 1, 2023 (Revised May 26, 2023)

Ms. Letty Schamp, P.E.
Director of Transportation & Mobility
City of Hilliard
3800 Municipal Way
Hilliard, OH 43026

**Re: Fee Proposal – Geotechnical, Pavement and Drainage Evaluation
City of Hilliard Pavement Services – Tasks 1 through 5
Hilliard, Ohio
Rii Proposal No. 22-W429 (Rev. 1)**

Ms. Schamp:

Pursuant to your request, Resource International, Inc. (Rii) is pleased to submit, for your review and consideration, this revised cost proposal to perform geotechnical, pavement condition and drainage evaluation services for Tasks 1 through 5 of the Pavement Services Agreement with the City of Hilliard. This revised proposal supersedes our previous submittal.

We sincerely appreciate the opportunity to submit this proposal, and look forward to working with you on this project. If you have any questions regarding our proposal, please contact us.

Sincerely,

RESOURCE INTERNATIONAL, INC.

Johnatan Garcia-Ruiz, Ph.D.
Staff Engineer

Leila Sadeghi, Ph.D., P.E.
Project Manager – Pavement Services

Enclosures: Scope of Services and Fee Project (14 pages)
Schedule of Fees (6 pages)
Preliminary Coring/Boring Plan (2 pages)

ISO 9001: 2015 QMS

Committed to providing a high quality,
accurate service in a timely manner

Planning
Engineering
Construction Management
Technology

**SCOPE OF SERVICES
 GEOTECHNICAL, PAVEMENT AND DRAINAGE EVALUATION
 CITY OF HILLIARD PAVEMENT SERVICES – TASK 1 THROUGH TASK 4
 HILLIARD, OHIO
 RII PROPOSAL NO. 22-W429 (REV. 1)**

The following scope of services and cost estimate have been prepared in accordance with the information provided by the City of Hilliard Transportation and Mobility Department in the meeting on February 22, 2023, and subsequent correspondence. This revised proposal includes the scope of work and estimated fee for Tasks 1 through 5 of the Pavement Services Agreement with the City of Hilliard. The following paragraphs provide information for each task:

Task 1: Drainage Issues Observed at Davis Road and Audubon Avenue Roundabout

Task 1 is understood to consist of the evaluation of the drainage issues observed at the existing roundabout at the intersection of Davis Road and Audubon Avenue. It is understood that standing water has been observed within the existing roundabout, primarily on the north side. A heat-welded treatment was performed along the roundabout pavement after which the ponding issues remained, but water moved to other locations within the roundabout pavement. In addition, areas of settlement were observed around the light pole foundation located on the north side of the roundabout, north of Davis Road and east of Audubon Avenue.

The scope is to assess any grading or drainage issues around the roundabout, including an evaluation of the storm sewer system along the north side, and determine if it is contributing to the standing water observed within the intersection. Given the potential drainage issues and damage to the pavement from freezing and thawing and soil particle migration from erosion and piping, a geotechnical investigation is proposed within the roundabout area. Soil borings and pavement cores will be performed as needed, and corresponding recommendations for rehabilitation design and repair of the existing pavement will be provided. This proposal considers a study only at this time, and that detailed plan preparation for remediation of the issues is not included in this scope of work.

Task 2: Heritage Preserve Pavement Deterioration and Drainage Issues

Task 2 is understood to consist of the evaluation of pavement condition and drainage issues observed along the Heritage Preserve pavement along Goldenrod Street, Switchgrass Court and Marshview Drive. It is understood that signs of pavement deterioration and drainage issues were observed along the Heritage Preserve along Goldenrod Street, Switchgrass Court and Marshview Drive. A preliminary review of the pavement condition, ponding water along the center of the pavement located south of 3603 Goldenrod Street is observed to be stretched all the way to end of Goldenrod Street at Switchgrass Court. The drainage issues were also observed along the southern section

of Switchgrass Court from Goldenrod Street to Marshview Drive. Likewise, the issues were observed to continue along the southwest section of Marshview Drive from Switchgrass Court to Audubon Avenue. According to the information provided, the pavement section north of 3603 Goldenrod Street appears to be in significantly better condition with no apparent drainage issues observed. It is also understood that the pavement section north of 3603 Goldenrod Street was constructed in a more recent phase of the Heritage Preserve development project than the pavement section along Goldenrod Street, Switchgrass Court and Marshview Drive, where the ponding and/or drainage issues are observed.

Pavement condition evaluation as well as a geotechnical investigation including pavement cores and soil borings along the mentioned streets within the Heritage Preserve will be performed. Recommendations for rehabilitation and/or repair of the pavement within the aforementioned areas. If the pavement surface evaluation results warrant additional investigation, Rii will inform the City of Hilliard. Similarly, further drainage investigation (currently not included in this proposal) will be considered depending on the subgrade and pavement condition. If applicable, Rii will provide to the City of Hilliard an additional fee estimates to perform drainage investigation and FWD testing, if required. This proposal assumes that detailed plan preparation for remediation of the issues is not included in the scope of work for this project.

The areas to be evaluated for Task 1 and Task 2 are shown in Figure 1 below:



Figure 1. Tasks 1 and 2 study area limits.

Task 3: Assistance with Evaluation of PCI Rating Provider and QA/QC Review

Task 3 is understood to consist of assisting the City of Hilliard with the evaluation of PCI rating service providers and perform quality assurance and quality control (QA/QC) to their data collection and rating.

It is understood that the comprehensive pavement data collection and condition assessment rating of the entire network of streets under the jurisdiction of the City of Hilliard will be conducted by the PCI rating service provider selected during Task 3. The information collected by the service provider will be used for the development of the program for Task 4.

Task 4: Assistance with Development of a 5-Year Capital Program for SMRP

Task 4 is understood to consist of assisting with the development of a 5-year capital program for the City's Street Maintenance and Rehabilitation program (SMRP). The 5-year capital program is expected to include a program for preventative maintenance, mill and overlay as well as reconstruction as applicable for the City of Hilliard's street network.

It is understood that both Task 3 and Task 4 include additional progress and/or presentation meetings.

Task 5: *If-Authorized* Minor Design and Technical Assistance Tasks

Task 5 is understood to include additional tasks that may be authorized by the City for minor design or technical assistance associated with the Annual Street Maintenance & Rehabilitation Program (CIP T-121), the Annual Sidewalk Maintenance Program (CIP T-160), and the Annual Trail Maintenance Program (CIP T-161).

TASK 1. Drainage Issues Observed at Davis Road and Audubon Avenue Roundabout

A. Site Visit

1. Rii will perform a site reconnaissance and document the existing pavement and site geological condition as well as drainage-related observations.

B. Drainage Assessment

1. Rii will review all of the 2023 survey data, including ground topography and drainage structure surveys.

2. The topography review will be used to establish existing drainage patterns and develop a watershed map for existing structures. This review will also determine if there are any areas where localized ponding has developed as a result of topography changes since construction.
3. Review of the survey of the structures will be used to ensure that positive drainage still exists throughout the system. Some elements of the system run at extremely shallow slopes (less than 0.5 percent) and would be susceptible to creating localized sags or negative pipe slopes even under slight settlement of the underlying ground.
4. Televised Inspection (*If-Authorized*):
Rii considers that because of the shallow slopes of the pipes within the area, pipe sags could significantly impact pipe capacity and cause storm sewer backups. Therefore, a televised inspection to determine if localized sags exist within pipe segments may be required. If applicable, Rii will provide to the City of Hilliard an additional fee estimates for the televised inspection to be performed, *if authorized*.

C. Geotechnical Investigation

C.1. Reconnaissance and Planning

1. Prior to commencing with the drilling operations, Rii will coordinate all proposed boring locations with the City of Hilliard's Transportation and Mobility Department personnel. Rii personnel will field locate the boring using wood lath with white ribbon or white paint on pavement. The boring locations will be documented by obtaining GPS coordinates using a handheld GPS unit.
2. During the field location, Rii will perform a site reconnaissance and document the general existing site conditions in addition to any potential access issues.
3. Rii will contact the Ohio Utility Protection Service (OUPS) at least 48 hours prior to drilling, as a standard precautionary measure for locating site utilities. It is requested that any utility information that may be available with respect to the proposed boring locations be provided prior to drilling operations.
4. This project considers that the boring locations will be accessible to a truck or all-terrain vehicle (ATV)-mounted drill rig. It is also considered that the access to the property will be granted at the time of notice-to-proceed. Rii will notify the City of Hilliard a minimum of 24 hours prior to any site visit.



C.2. Drilling Program

1. Given the initial observations made from the videos and information provided by the City of Hilliard, Rii proposes a boring program for Task 1 consisting of a total of three (3) soil borings in the vicinity of the roundabout area where settlement and ponding were observed. The borings will be extended to a depth of 10.0 feet each below existing ground surface. For the purposes of Task 1 of this proposal, a total of 30.0 feet of soil drilling are proposed. A preliminary boring plan depicting the preliminary proposed boring locations for Task 1 has been enclosed within this proposal document.
2. Rii will perform standard penetration testing (SPT – per ASTM D1586) and retain representative soil samples at continuous sampling intervals to an approximate depth of 6.0 feet and at 2.5-foot intervals to the termination depth of 10.0 feet below the existing ground surface.
3. Rii will record groundwater observations during the drilling process, and measure the water level in the borings (if encountered) upon completion of the borehole.
4. Two (2) pavement cores are estimated to be obtained at the locations of the borings performed within the roundabout pavement. A minimum 4-inch diameter thin-walled pavement core machine will be utilized to obtain the cores. The underlying aggregate base will be carefully measured and sampled for observation at the laboratory.
5. The boreholes will be backfilled with a mixture of soil cuttings and bentonite hole plug to seal the hole and ensure the borings do not settle or create dangerous voids. The pavement surface will be patched with equivalent thickness of quickset concrete or cold patch asphalt.
6. Rii will provide traffic control during the execution of the drilling program, in accordance with the Ohio Manual of Uniform Traffic Control Devices for Streets and Highways (OMUTCD). Lane closures will be necessary at the boring to be performed within the existing roundabout. Therefore, traffic control will be provided using a combination of signs, cones, and flaggers
7. Rii field crews will exercise caution to minimize ground damage during the field work and will make reasonable efforts to repair the work areas upon completion.
8. This proposal has been prepared based on the consideration that all soils and groundwater are free of hazardous materials and/or petroleum products, and



no personal protective equipment (PPE) will be necessary beyond which is required for the drilling operations (EPA Level D). If any hazardous conditions are encountered during the field investigation, the client will be notified immediately, and the field program will be stopped until a plan of action is developed.

C.3. Laboratory Testing Program

In the laboratory, the pavement cores will be visually inspected and measured for thickness. Observations regarding the composition and condition of the pavement layers will be provided. Photographs of the cores will be taken and logs will be provided. Soil samples will be visually classified and laboratory testing of representative samples will be performed in accordance with ASTM/AASHTO procedures to classify existing soil according to the Ohio Department of Transportation (ODOT) and to estimate engineering properties of importance for site development and foundation design. Based upon the information provided, lab testing will include a combination of the following tests:

- Moisture Content
- Atterberg Limits
- Gradation Analysis
- Organic Content

Soil samples and pavement cores will be retained for a period of sixty (60) days after the completion of the geotechnical report, unless otherwise directed.

D. Report for Task 1

Engineering evaluation and analysis shall be performed, and a signed report prepared by a State of Ohio Registered Professional Engineer to include the following:

1. Geology of the site, including geological surface features, a description of topography, drainage conditions and surface vegetation.
2. A description of field and laboratory testing programs.
3. An existing watershed map identifying low points or areas within watersheds that are not draining properly.
4. Results of the review of the storm sewer, identifying any structural defects within the storm sewer system that may be impairing performance.

5. Boring plan presenting the boring locations and GPS generated State Plane coordinates and elevations of the boring locations will be provided.
6. Boring logs and laboratory test results.
7. Photographic logs of the pavement cores, including thickness summary and laboratory observations.
8. Estimated soil conditions and characteristics, including unit weight, earth pressure coefficients, and shear strength of the soil encountered in the borings and expected at the various locations.
9. Summary of the results of Rii's evaluation, findings and considerations to repair, such as adjustments to grading or storm sewer structures and pipes, or considerations to pavement rehabilitation or subgrade improvements alternatives, as applicable.
10. If applicable, pavement section design as per ODOT Pavement Design Manual can be provided. For the purposes of this proposal, it is considered that any traffic data necessary will be provided by the City of Hilliard.
11. Groundwater conditions as encountered in the borings. The need for groundwater control will be discussed, based on groundwater conditions encountered and construction procedures proposed.
12. General soil related construction considerations, including fill specifications, compaction requirements and topsoil thicknesses.

Rii will furnish an electronic (PDF) copy of the Task 1 report for distribution.

TASK 2. Heritage Preserve Pavement Deterioration and Drainage Issues

A. Site Visit and Pavement Condition Survey

1. Rii will walk the site to observe and thoroughly document the existing pavement condition.
2. Rii personnel will document and map out the distress types, severity, and extents that are identified.
3. The site assessment findings will be used to evaluate the root cause of the existing observed pavement problems and determine future steps.



B. Geotechnical Investigation

B.1. Reconnaissance and Planning

1. Prior to commencing the drilling operations, Rii will coordinate all proposed boring locations with the City of Hilliard's Transportation and Mobility Department personnel. Rii personnel will field locate the borings using wood lath with white ribbon or white paint on pavement. The boring locations will be documented by obtaining GPS coordinates using a handheld GPS unit.
2. During the field location, Rii will perform a site reconnaissance and document the general existing site conditions in addition to any potential access issues.
3. Rii will contact the Ohio Utility Protection Service (OUPS) at least 48 hours prior to drilling, as a standard precautionary measure for locating site utilities. It is requested that any utility information that may be available with respect to the proposed boring locations be provided prior to drilling operations.
4. This project considers that the boring locations will be accessible to a truck or all-terrain vehicle (ATV)-mounted drill rig. It is also considered that the access to the property will be granted at the time of notice-to-proceed. Rii will notify the City of Hilliard a minimum of 24 hours prior to any site visit.

B.2 Drilling Program

1. Given the initial observations made from the videos and information provided by the City of Hilliard, Rii proposes a boring program for Task 2 consisting of a total of a total of five (5) roadway borings along the existing Goldenrod Street, Switchgrass Court and Marshview Drive. The borings will be extended to an approximate depth of 6.0 feet each below the roadway surface. For the purposes of Task 2 of this proposal, a total of 30.0 feet of soil drilling have been estimated. A preliminary boring plan depicting the proposed boring locations for Task 2 has been enclosed within this proposal document.
2. Rii will perform standard penetration testing (SPT – per ASTM D1586) and retain representative soil samples at continuous sampling intervals to the boring termination depth.
3. Rii will record groundwater observations during the drilling process, and measure the water level in the borings (if encountered) upon completion of the hole.



4. A total of seven (7) pavement cores are estimated for this investigation with five (5) pavement cores to be obtained at each boring location within the existing pavement of Goldenrod Street, Switchgrass Court and Marshview Drive and two (2) pavement cores to be performed at the area of predominant distresses with the locations to be determined during the site reconnaissance. These cores will be used to determine the thickness, composition and condition of the existing pavement. A minimum 4-inch diameter thin-walled pavement core machine will be utilized to obtain the cores. At each boring/core location, the underlying aggregate base will be carefully measured and sampled for observation at the laboratory.
5. The boreholes will be backfilled with a mixture of soil cuttings and bentonite hole plug to seal the hole and ensure the borings do not settle or create dangerous voids. The pavement surface will be patched with equivalent thickness of quickset concrete or cold patch asphalt.
6. Rii will provide traffic control during the execution of the drilling program, in accordance with the Ohio Manual of Uniform Traffic Control Devices for Streets and Highways (OMUTCD). Lane closures will be necessary at the borings to be performed within a section of the existing Goldenrod Street, Switchgrass Court and Marshview Drive. Therefore, traffic control will be provided using a combination of signs and cones.
7. Rii field crews will exercise caution to minimize ground damage during the field work and will make reasonable efforts to repair the work areas upon completion.

B.3 Laboratory Testing Program

In the laboratory, all pavement cores will be visually inspected and measured for thickness. Observations regarding the composition and condition of the pavement layers will be provided. Photographs of the cores will be taken and logs will be provided. Soil samples will be visually classified and laboratory testing of representative samples will be performed in accordance with ASTM/AASHTO procedures to classify existing soil according to the Ohio Department of Transportation (ODOT) and to estimate engineering properties of importance for site development and foundation design. Based upon the information provided, lab testing will include a combination of the following tests:



- Moisture Content
- Atterberg Limits
- Gradation Analysis
- Organic Content

Soil samples and pavement cores will be retained for a period of sixty (60) days after the completion of the geotechnical report, unless otherwise directed.

C. Report for Task 2

Engineering evaluation and analysis shall be performed, and a signed report prepared by a State of Ohio Registered Professional Engineer to include the following:

1. Geology of the site, including geological surface features, a description of topography, drainage conditions and surface vegetation.
2. A description of field and laboratory testing programs.
3. Results of the pavement condition survey, and a tabulated list of the distressed areas and a description of the level of damage.
4. Boring plan presenting the boring locations and GPS generated State Plane coordinates and elevations of the boring locations will be provided.
5. Boring logs and laboratory test results.
6. Photographic logs of the pavement cores, including thickness summary and laboratory observations.
7. Estimated soil conditions and characteristics, including unit weight, earth pressure coefficients, and shear strength, of the soil encountered in the borings and expected at the various locations.
8. Summary of the results of Rii's evaluation, findings and considerations to repair alternatives, as applicable, as well as additional subsurface or drainage investigations, if required.
9. If applicable, Rii will discuss any need of a new pavement section.
10. Groundwater conditions as encountered in the borings. The need for groundwater control will be discussed, based on groundwater conditions encountered and construction procedures proposed.



11. General soil related construction considerations, including fill specifications, compaction requirements and topsoil thicknesses.

Rii will furnish an electronic (PDF) copy of the Task 2 report for distribution.

TASK 3. Assistance with Evaluation of PCI Rating Provider and QA/QC Review

A. Evaluation of PCI rating provider

1. Rii will participate in meetings that the City of Hilliard schedule with the potential PCI service providers in order to assess their services portfolio, collect information regarding the type and quality of service and available technology.
2. Rii will provide the City of Hilliard with technical concepts for each of the potential providers that the City could consider in their selection process of the PCI service provider.

B. PCI Data Review – QA/QC

1. Rii will perform quality assurance (QA) and quality control (QC) to the PCI data delivered by the PCI rating service provider. Rii will check for any anomalies and will review the ratings to evaluate the accuracy of data being collected and processed.
2. Rii may perform an independent, visual inspection of some surveyed sections randomly selected to assure the PCI rating provider's conformance with PCI standards.
3. Rii will provide the City of Hilliard with pertinent updates on the QA/QC review of the PCI rating data.

C. Meeting and Additional Services

Rii will be available for regular progress meetings and conference calls to assure that we are in close communication with the City of Hilliard and the PCI provider. Rii anticipates periodic progress meetings, as well as milestone meetings, as needed, to review the completion of each task.



TASK 4. Assistance with Development of a 5-Year Capital Program for SMRP

A. Preparation of a 5-Year Capital Program for SMRP

1. Rii will review the pavement data collection and condition assessment rating delivered by the PCI rating provider for the entire network of streets under the jurisdiction of the City of Hilliard.
2. Rii will assist the City and the provider to prepare a 5-year program for the City of Hilliard's street network. The program is expected to include preventive maintenance such as joint/crack repair and patching, as well as minor rehabilitation such a mill and overlay, and major rehabilitation projects such as reconstruction.
3. Rii will provide pavement management recommendations for the City of Hilliard. The data format will incorporate the MicroPAVER methodologies, which formulate maintenance strategies from pavement distress information, estimation of the distressed pavement area and severities as well as budget restraints on a project or network level basis. Maintenance opportunities will be presented by road sections and by maintenance category and type. This plan will be used to generate a 5-year capital improvement program, which will show the year that each pavement feature is expected to fall below a minimum service level. The plan will show rehabilitation alternatives for each feature based on the PCI and the individual distress types observed during the pavement evaluation.
4. Rii will prepare a draft report including the 5-year program for SMRP summarizing the work completed within the scope of this proposal.

B. Meeting and Additional Services

Rii will be available for a task kickoff meeting, draft report meeting and presentation of the report findings to the City of Hilliard.

Task 5: *If-Authorized* Minor Design and Technical Assistance Tasks

Rii will provide services of minor design work or technical assistance associated with the Annual Street Maintenance & Rehabilitation Program (CIP T-121), the Annual Sidewalk Maintenance Program (CIP T-160), and the Annual Trail Maintenance Program (CIP T-161), as they become authorized by the City of Hilliard's staff. An allowance has been provided in the fee proposal for this purpose. The fee for the *if-authorized* minor design work or technical assistance tasks will be based on the 2023 billing rates provided herein.



COST ESTIMATE AND TIME SCHEDULE

The costs of performing the services for each Task as presented in the Scope of Services, is **not-to-exceed**, as follows, in accordance with the enclosed schedule of fees:

Task 1. Drainage Issues at Davis Road and Audubon Avenue Roundabout	\$ 32,686.70
Task 2. Heritage Preserve Pavement Deterioration and Drainage Issues	\$ 20,918.70
Task 3. Assistance with Evaluation of PCI Rating Provider and QA/QC Review	\$ 34,917.60
Task 4. Assistance with Development of a 5-Year Capital Program for SMRP	\$ 20,810.10
Task 5. <i>If-Authorized</i> Minor Design and Technical Assistance Tasks	\$ 40,666.90
<hr/>	
Total 2023 Contract Amount	\$ 150,000.00

Rii will be in close communication with the City of Hilliard throughout the field investigation and the development of each task. Should conditions be encountered during drilling that necessitate additional drilling or critical information encountered that necessitate to be discussed, we will immediately contact your office to discuss the conditions encountered and for approval prior to proceeding.

The site visit and field work for Task 1 and 2 are expected to take two to three (2-3) days to be completed, depending on work hours restrictions. Following authorization to proceed, drilling would commence within four (4) weeks of receiving the necessary road occupancy permits. The drainage assessment will be performed once being authorized by the City. Laboratory testing will follow closely behind the field operations, and preliminary information will be shared with the City of Hilliard as it becomes available. Draft reports for Task 1 and Task 2 would be submitted within four (4) weeks of the field and lab work completion. A written final report for each task would be submitted within one (1) week of receiving the City of Hilliard comments.



Since schedule is critical to all projects, Rii strives to meet the project deadlines and exceed client expectations. The evaluation of the PCI provider and QC/QA to the data collected will follow the providers scheduled meeting and completion of the data collection. It is understood that the provider is expected to conduct pavement condition rating in Fall 2023. Our data collection set up and program to assist the development of the 5-year program and draft report preparation is estimated to take approximately two (2) months following receiving all of the pavement data and condition assessment rating information from the PCI rating provider or the City.

This proposal, schedule and included fee are valid for a period of no more than sixty (60) days from the date of submission.



SCHEDULE OF FEES				
ENGINEERING COST SUMMARY - GEOTECHNICAL AND PAVEMENT SERVICES				
1. CITY OF HILLIARD, OHIO TRANSPORTATION AND MOBILITY	2. CIP NO.: T-121 TASK NO.: 1		3. VERSION: 27-Apr	
4. NAME OF CONSULTANT: Resource International, Inc.	5. PROJECT TITLE:	Drainage Issues Observed at Davis Road and Audubon Avenue Roundabout		
6. ADDRESS: 6350 Presidential Gateway Columbus, Ohio 43231	7. TYPE OF CONTRACT: DIRECT HOURLY W/MULTIPLIER			
8. DIRECT LABOR:	EST. HRS.	HOURLY RATE	SUBTOTAL	EXTENDED TOTAL
Principal	2	\$100.00	\$200.00	
Project Manager	14	\$82.00	\$1,148.00	
Senior Project Engineer	0	\$68.00	\$0.00	
Project Engineer	28	\$54.00	\$1,512.00	
Design Engineer	0	\$46.00	\$0.00	
Engineering Technician	2	\$42.00	\$84.00	
Drafter	2	\$39.00	\$78.00	
Clerical	0	\$28.00	\$0.00	
Registered Surveyor	0	\$59.00	\$0.00	
Survey Technician	0	\$43.00	\$0.00	
2-Man Survey Crew	0	\$69.00	\$0.00	
Environmental Scientist	0	\$49.00	\$0.00	
Hydrogeologist	0	\$62.00	\$0.00	
Geologist	4	\$45.00	\$180.00	
Driller	10	\$38.00	\$380.00	
Driller's Helper	10	\$32.00	\$320.00	
Drilling Coordinator	4	\$45.00	\$180.00	
Field Person	0	\$35.00	\$0.00	
DIRECT LABOR TOTAL:				\$4,082.00
9. INDIRECT LABOR:	Overhead & Administrative (a)	Profit (b)	Indirect Cost & Profit Multiplier (a + b) + (a * b)	EXTENDED TOTALS
	1.50	0.10	1.75	
INDIRECT LABOR + PROFIT TOTAL:				\$7,143.50
TOTAL LABOR + PROFIT COSTS (item 8 + item 9) (or 1 + Indirect Cost & Profit Multiplier):				\$11,225.50
11. OTHER DIRECT COSTS:				EST. COST
a. TRAVEL				
MILEAGE: 120 miles x \$0.58 / mile				\$69.60
AIRFARE:				\$0.00
a. TRAVEL SUBTOTAL:				\$69.60
b. EQUIPMENT, MATERIALS, SUPPLIES (EMS)				EST. COST
GPS Unit 1 days @ \$ 110.00 / day				\$110.00
Right of Way Permit 0 days @ \$ 80.00 / each				\$0.00
Traffic Control (Signs/Cones) 0 days @ \$ 250.00 / day				\$0.00
Traffic Control (Lane Closure) 1 days @ \$ 1750.00 / day				\$1,750.00
Drill Rig 1 days @ \$ 500.00 / day				\$500.00
Pavement Cores 2 core @ \$ 125.00 / each				\$250.00
b. EMS SUBTOTAL:				\$2,610.00
c. SUBCONTRACTS				EST. COST
				\$0.00
c. SUB SUBTOTAL:				\$0.00
d. OTHER (Laboratory Testing)				EST. COST
Moisture Content 15 each @ \$ 12.00 / each				\$180.00
Sieve / Hydrometer 7 each @ \$ 110.00 / each				\$770.00
Atterberg Limits 7 each @ \$ 70.00 / each				\$490.00
Sieve Only 0 each @ \$ 70.00 / each				\$0.00
Organic Content 4 each @ \$ 60.00 / each				\$240.00
Soluble Sulfate 2 each @ \$ 90.00 / each				\$180.00
Resistivity 0 each @ \$ 130.00 / each				\$0.00
pH Testing 0 each @ \$ 25.00 / each				\$0.00
Chloride Ion 0 each @ \$ 90.00 / each				\$0.00
Oxidation-Reduction 0 each @ \$ 90.00 / each				\$0.00
d. OTHER SUBTOTAL:				\$1,860.00
e. TOTAL OTHER DIRECT COSTS TOTAL (items a through d):				\$4,539.60
12. TOTAL COST (item 10 + 11)				\$15,765.10
13. (If Authorized; Name of sub & amount if not performed by prime.)				\$0.00
14. CONTINGENCY (___ %)				\$0.00
15. MAXIMUM FEE (items 12 through 14)				\$15,765.10

SCHEDULE OF FEES				
ENGINEERING COST SUMMARY - DRAINAGE EVALUATION SERVICES				
1. CITY OF HILLIARD, OHIO TRANSPORTATION AND MOBILITY	2. CIP NO.: T-121	3. VERSION: 27-Apr		
4. NAME OF CONSULTANT: Resource International, Inc.	5. PROJECT TITLE:	Drainage Issues Observed at Davis Road and Audubon Avenue Roundabout		
6. ADDRESS: 6350 Presidential Gateway Columbus, Ohio 43231	7. TYPE OF CONTRACT: DIRECT HOURLY W/MULTIPLIER			
8. DIRECT LABOR:	EST. HRS.	HOURLY RATE	SUBTOTAL	EXTENDED TOTAL
Principal	0	\$100.00	\$0.00	
Project Manager	8	\$82.00	\$656.00	
Senior Project Engineer	0	\$68.00	\$0.00	
Project Engineer	60	\$54.00	\$3,240.00	
Design Engineer	0	\$46.00	\$0.00	
Engineering Technician	16	\$42.00	\$672.00	
Drafter	40	\$39.00	\$1,560.00	
Clerical	0	\$28.00	\$0.00	
Registered Surveyor	0	\$59.00	\$0.00	
Survey Technician	0	\$43.00	\$0.00	
2-Man Survey Crew	0	\$69.00	\$0.00	
Environmental Scientist	0	\$49.00	\$0.00	
Hydrogeologist	0	\$62.00	\$0.00	
Geologist	0	\$45.00	\$0.00	
Driller	0	\$38.00	\$0.00	
Driller's Helper	0	\$32.00	\$0.00	
Drilling Coordinator	0	\$45.00	\$0.00	
Field Person	0	\$35.00	\$0.00	
DIRECT LABOR TOTAL:				\$6,128.00
9. INDIRECT LABOR:	Overhead & Administrative (a)	Profit (b)	Indirect Cost & Profit Multiplier (a + b) + (a * b)	EXTENDED TOTALS
	1.50	0.10	1.75	
INDIRECT LABOR + PROFIT TOTAL:				\$10,724.00
TOTAL LABOR + PROFIT COSTS (item 8 + item 9) (or 1 + Indirect Cost & Profit Multiplier):				\$16,852.00
10.				
11. OTHER DIRECT COSTS:				EST. COST
a. TRAVEL				
MILEAGE: 120 miles x \$0.58 / mile				\$69.60
AIRFARE:				\$0.00
a. TRAVEL SUBTOTAL:				\$69.60
b. EQUIPMENT, MATERIALS, SUPPLIES (EMS)				EST. COST
GPS Unit 0 days @ \$ 110.00 / day				\$0.00
Right of Way Permit 0 days @ \$ 80.00 / each				\$0.00
Traffic Control (Signs/Cones) 0 days @ \$ 250.00 / day				\$0.00
Traffic Control (Lane Closure) 0 days @ \$ 1750.00 / day				\$0.00
Drill Rig 0 days @ \$ 500.00 / day				\$0.00
Pavement Cores 0 days @ \$ 125.00 / each				\$0.00
b. EMS SUBTOTAL:				\$0.00
c. SUBCONTRACTS				EST. COST
				\$0.00
c. SUB SUBTOTAL:				\$0.00
d. OTHER (Laboratory Testing)				EST. COST
Moisture Content 0 each @ \$ 12.00 / each				\$0.00
Sieve / Hydrometer 0 each @ \$ 110.00 / each				\$0.00
Atterberg Limits 0 each @ \$ 70.00 / each				\$0.00
Sieve Only 0 each @ \$ 70.00 / each				\$0.00
Organic Content 0 each @ \$ 60.00 / each				\$0.00
Soluble Sulfate 0 each @ \$ 90.00 / each				\$0.00
Resistivity 0 each @ \$ 130.00 / each				\$0.00
pH Testing 0 each @ \$ 25.00 / each				\$0.00
Chloride Ion 0 each @ \$ 90.00 / each				\$0.00
Oxidation-Reduction 0 each @ \$ 90.00 / each				\$0.00
d. OTHER SUBTOTAL:				\$0.00
e. TOTAL OTHER DIRECT COSTS TOTAL (items a through d):				\$69.60
12. TOTAL COST (item 10 + 11)				\$16,921.60
13. (If Authorized; Name of sub & amount if not performed by prime.)				\$0.00
14. CONTINGENCY (___ %)				\$0.00
15. MAXIMUM FEE (items 12 through 14)				\$16,921.60

SCHEDULE OF FEES				
ENGINEERING COST SUMMARY - GEOTECHNICAL AND PAVEMENT SERVICES				
1. CITY OF HILLIARD, OHIO TRANSPORTATION AND MOBILITY	2. CIP NO.: TASK NO.:	T-121 2	3. VERSION: 27-Apr	
4. NAME OF CONSULTANT: Resource International, Inc.	5. PROJECT TITLE:	Heritage Preserve Pavement Deterioration and Drainage Issues		
6. ADDRESS: 6350 Presidential Gateway Columbus, Ohio 43231	7. TYPE OF CONTRACT: DIRECT HOURLY W/MULTIPLIER			
8. DIRECT LABOR:	EST. HRS.	HOURLY RATE	SUBTOTAL	EXTENDED TOTAL
Principal	2	\$100.00	\$200.00	
Project Manager	12	\$82.00	\$984.00	
Senior Project Engineer	0	\$68.00	\$0.00	
Project Engineer	24	\$54.00	\$1,296.00	
Design Engineer	0	\$46.00	\$0.00	
Engineering Technician	8	\$42.00	\$336.00	
Drafter	2	\$39.00	\$78.00	
Clerical	0	\$28.00	\$0.00	
Registered Surveyor	0	\$59.00	\$0.00	
Survey Technician	0	\$43.00	\$0.00	
2-Man Survey Crew	0	\$69.00	\$0.00	
Environmental Scientist	0	\$49.00	\$0.00	
Hydrogeologist	0	\$62.00	\$0.00	
Geologist	4	\$45.00	\$180.00	
Driller	10	\$38.00	\$380.00	
Driller's Helper	10	\$32.00	\$320.00	
Drilling Coordinator	4	\$45.00	\$180.00	
Field Person	8	\$35.00	\$280.00	
DIRECT LABOR TOTAL:				\$4,234.00
9. INDIRECT LABOR:	Overhead & Administrative (a)	Profit (b)	Indirect Cost & Profit Multiplier (a + b) + (a * b)	EXTENDED TOTALS
	1.50	0.10	1.75	
INDIRECT LABOR + PROFIT TOTAL:				\$7,409.50
TOTAL LABOR + PROFIT COSTS (item 8 + item 9) (or 1 + Indirect Cost & Profit Multiplier):				\$11,643.50
11. OTHER DIRECT COSTS:				EST. COST
a. TRAVEL				
MILEAGE: 120 miles x \$0.58 / mile				\$69.60
AIRFARE:				\$0.00
a. TRAVEL SUBTOTAL:				\$69.60
b. EQUIPMENT, MATERIALS, SUPPLIES (EMS)				EST. COST
GPS Unit + iiCollector	3 days @	\$ 110.00 / day		\$330.00
Right of Way Permit	0 days @	\$ 80.00 / each		\$0.00
Traffic Control (Signs/Cones)	1 days @	\$ 250.00 / day		\$250.00
Traffic Control (Lane Closure)	0 days @	\$ 1750.00 / day		\$0.00
Drill Rig	1 days @	\$ 500.00 / day		\$500.00
Pavement Cores	7 cores @	\$ 125.00 / each		\$875.00
b. EMS SUBTOTAL:				\$1,955.00
c. SUBCONTRACTS				EST. COST
				\$0.00
c. SUB SUBTOTAL:				\$0.00
d. OTHER (Laboratory Testing)				EST. COST
Moisture Content	25 each @	\$ 12.00 / each		\$300.00
Sieve / Hydrometer	10 each @	\$ 110.00 / each		\$1,100.00
Atterberg Limits	10 each @	\$ 70.00 / each		\$700.00
Sieve Only	2 each @	\$ 70.00 / each		\$140.00
Organic Content	5 each @	\$ 60.00 / each		\$300.00
Soluble Sulfate	5 each @	\$ 90.00 / each		\$450.00
Resistivity	0 each @	\$ 130.00 / each		\$0.00
pH Testing	0 each @	\$ 25.00 / each		\$0.00
Chloride Ion	0 each @	\$ 90.00 / each		\$0.00
Oxidation-Reduction	0 each @	\$ 90.00 / each		\$0.00
d. OTHER SUBTOTAL:				\$2,990.00
e. TOTAL OTHER DIRECT COSTS TOTAL (items a through d):				\$5,014.60
12. TOTAL COST (item 10 + 11)				\$16,658.10
13. (If Authorized; Name of sub & amount if not performed by prime.)				\$0.00
14. CONTINGENCY (___ %)				\$0.00
15. MAXIMUM FEE (items 12 through 14)				\$16,658.10

SCHEDULE OF FEES				
ENGINEERING COST SUMMARY - DRAINAGE EVALUATION SERVICES				
1. CITY OF HILLIARD, OHIO TRANSPORTATION AND MOBILITY	2. CIP NO.: T-121 TASK NO.: 2		3. VERSION: 27-Apr	
4. NAME OF CONSULTANT: Resource International, Inc.	5. PROJECT TITLE:	Heritage Preserve Pavement Deterioration and Drainage Issues		
6. ADDRESS: 6350 Presidential Gateway Columbus, Ohio 43231	7. TYPE OF CONTRACT: DIRECT HOURLY W/MULTIPLIER			
8. DIRECT LABOR:	EST. HRS.	HOURLY RATE	SUBTOTAL	EXTENDED TOTAL
Principal	0	\$100.00	\$0.00	
Project Manager	2	\$82.00	\$164.00	
Senior Project Engineer	0	\$68.00	\$0.00	
Project Engineer	16	\$54.00	\$864.00	
Design Engineer	4	\$46.00	\$184.00	
Engineering Technician	0	\$42.00	\$0.00	
Drafter	8	\$39.00	\$312.00	
Clerical	0	\$28.00	\$0.00	
Registered Surveyor	0	\$59.00	\$0.00	
Survey Technician	0	\$43.00	\$0.00	
2-Man Survey Crew	0	\$69.00	\$0.00	
Environmental Scientist	0	\$49.00	\$0.00	
Hydrogeologist	0	\$62.00	\$0.00	
Geologist	0	\$45.00	\$0.00	
Driller	0	\$38.00	\$0.00	
Driller's Helper	0	\$32.00	\$0.00	
Drilling Coordinator	0	\$45.00	\$0.00	
Field Person	0	\$35.00	\$0.00	
DIRECT LABOR TOTAL:				\$1,524.00
9. INDIRECT LABOR:	Overhead & Administrative (a)	Profit (b)	Indirect Cost & Profit Multiplier (a + b) + (a * b)	EXTENDED TOTALS
	1.50	0.10	1.75	
INDIRECT LABOR + PROFIT TOTAL:				\$2,667.00
TOTAL LABOR + PROFIT COSTS (item 8 + item 9) (or 1 + Indirect Cost & Profit Multiplier):				\$4,191.00
11. OTHER DIRECT COSTS:				EST. COST
a. TRAVEL				
MILEAGE: 120 miles x \$0.58 / mile				\$69.60
AIRFARE:				\$0.00
a. TRAVEL SUBTOTAL:				\$69.60
b. EQUIPMENT, MATERIALS, SUPPLIES (EMS)				EST. COST
GPS Unit 0 days @ \$ 110.00 / day				\$0.00
Right of Way Permit 0 days @ \$ 80.00 / each				\$0.00
Traffic Control (Signs/Cones) 0 days @ \$ 250.00 / day				\$0.00
Traffic Control (Lane Closure) 0 days @ \$ 1750.00 / day				\$0.00
Drill Rig 0 days @ \$ 500.00 / day				\$0.00
Pavement Cores 0 days @ \$ 125.00 / each				\$0.00
b. EMS SUBTOTAL:				\$0.00
c. SUBCONTRACTS				EST. COST
				\$0.00
c. SUB SUBTOTAL:				\$0.00
d. OTHER (Laboratory Testing)				EST. COST
Moisture Content 0 each @ \$ 12.00 / each				\$0.00
Sieve / Hydrometer 0 each @ \$ 110.00 / each				\$0.00
Atterberg Limits 0 each @ \$ 70.00 / each				\$0.00
Sieve Only 0 each @ \$ 70.00 / each				\$0.00
Organic Content 0 each @ \$ 60.00 / each				\$0.00
Soluble Sulfate 0 each @ \$ 90.00 / each				\$0.00
Resistivity 0 each @ \$ 130.00 / each				\$0.00
pH Testing 0 each @ \$ 25.00 / each				\$0.00
Chloride Ion 0 each @ \$ 90.00 / each				\$0.00
Oxidation-Reduction 0 each @ \$ 90.00 / each				\$0.00
d. OTHER SUBTOTAL:				\$0.00
e. TOTAL OTHER DIRECT COSTS TOTAL (items a through d):				\$69.60
12. TOTAL COST (item 10 + 11)				\$4,260.60
13. (If Authorized; Name of sub & amount if not performed by prime.)				\$0.00
14. CONTINGENCY (___ %)				\$0.00
15. MAXIMUM FEE (items 12 through 14)				\$4,260.60

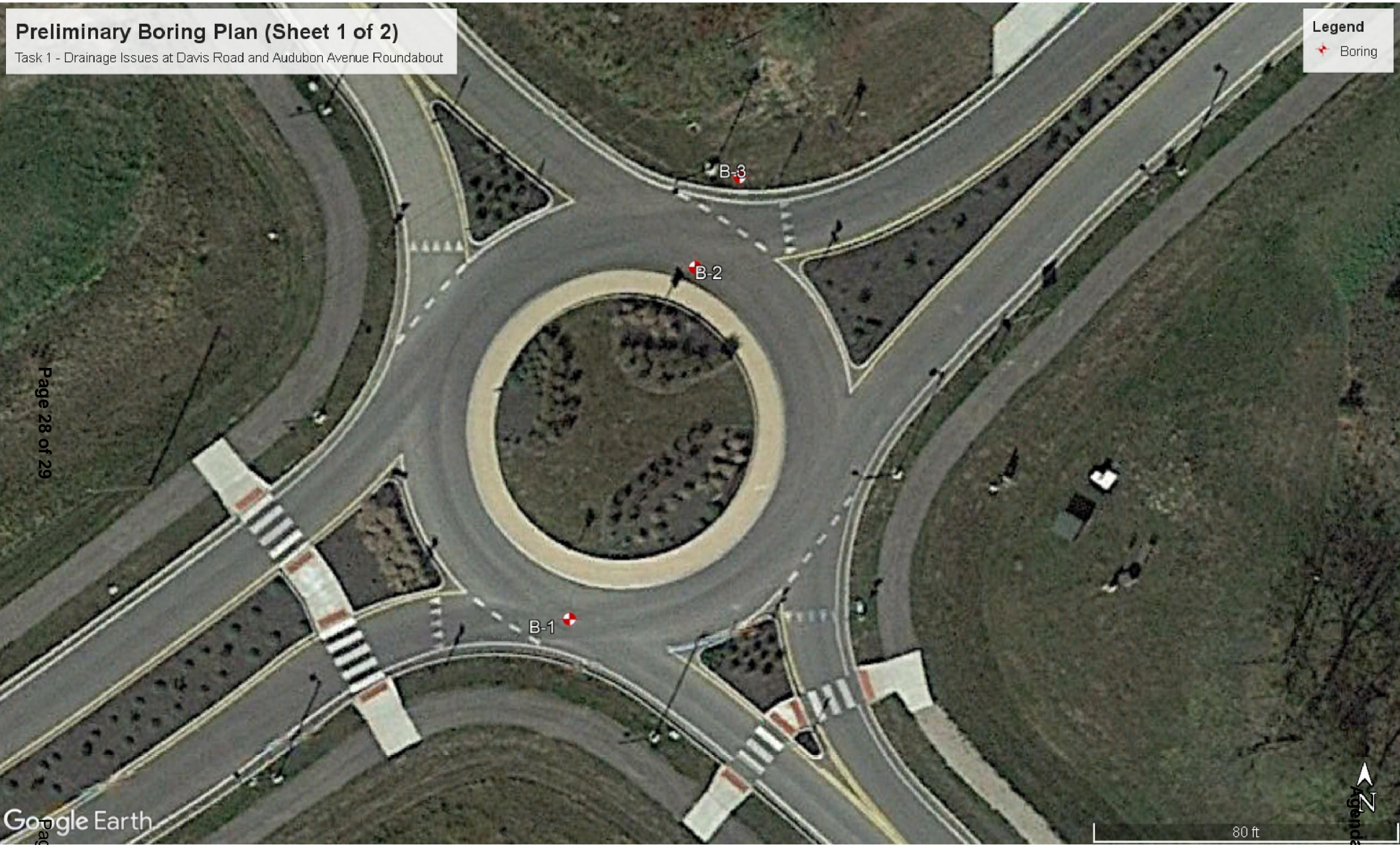
SCHEDULE OF FEES				
ENGINEERING COST SUMMARY				
1. CITY OF HILLIARD, OHIO TRANSPORTATION AND MOBILITY	2. CIP NO.: T-121 TASK NO.: 3		3. VERSION: 27-Apr	
4. NAME OF CONSULTANT: Resource International, Inc.	5. PROJECT TITLE:	Assistance with Evaluation of PCI Rating Provider and QA/QC Review		
6. ADDRESS: 6350 Presidential Gateway Columbus, Ohio 43231	7. TYPE OF CONTRACT: DIRECT HOURLY W/MULTIPLIER			
8. DIRECT LABOR:	EST. HRS.	HOURLY RATE	SUBTOTAL	EXTENDED TOTAL
Principal	14	\$100.00	\$1,400.00	
Project Manager	32	\$82.00	\$2,624.00	
Senior Project Engineer	0	\$68.00	\$0.00	
Project Engineer	40	\$54.00	\$2,160.00	
Design Engineer	0	\$46.00	\$0.00	
Engineering Technician	74	\$42.00	\$3,108.00	
Drafter	10	\$39.00	\$390.00	
Clerical	0	\$28.00	\$0.00	
Registered Surveyor	0	\$59.00	\$0.00	
Survey Technician	0	\$43.00	\$0.00	
2-Man Survey Crew	0	\$69.00	\$0.00	
Environmental Scientist	0	\$49.00	\$0.00	
Hydrogeologist	0	\$62.00	\$0.00	
Geologist	0	\$45.00	\$0.00	
Driller	0	\$38.00	\$0.00	
Driller's Helper	0	\$32.00	\$0.00	
Drilling Coordinator	0	\$45.00	\$0.00	
Field Person	74	\$35.00	\$2,590.00	
DIRECT LABOR TOTAL:				\$12,272.00
9. INDIRECT LABOR:	Overhead & Administrative (a)	Profit (b)	Indirect Cost & Profit Multiplier (a + b) + (a * b)	EXTENDED TOTALS
	1.50	0.10	1.75	
INDIRECT LABOR + PROFIT TOTAL:				\$21,476.00
TOTAL LABOR + PROFIT COSTS (item 8 + item 9) (or 1 + Indirect Cost & Profit Multiplier):				\$33,748.00
10.				
11. OTHER DIRECT COSTS:				EST. COST
a. TRAVEL				
MILEAGE: 400 miles x \$0.58 / mile				\$69.60
AIRFARE:				\$0.00
a. TRAVEL SUBTOTAL:				\$69.60
b. EQUIPMENT, MATERIALS, SUPPLIES (EMS)				EST. COST
Equipment Charge - iiCollector	10 days @	\$ 110.00 / day		\$1,100.00
Right of Way Permit	0 days @	\$ 80.00 / each		\$0.00
Traffic Control (Signs/Cones)	0 days @	\$ 250.00 / day		\$0.00
Traffic Control (Lane Closure)	0 days @	\$ 1750.00 / day		\$0.00
Drill Rig	0 days @	\$ 500.00 / day		\$0.00
Pavement Cores	0 days @	\$ 125.00 / each		\$0.00
b. EMS SUBTOTAL:				\$1,100.00
c. SUBCONTRACTS				EST. COST
				\$0.00
c. SUB SUBTOTAL:				\$0.00
d. OTHER (Laboratory Testing)				EST. COST
Moisture Content	0 each @	\$ 12.00 / each		\$0.00
Sieve / Hydrometer	0 each @	\$ 110.00 / each		\$0.00
Atterberg Limits	0 each @	\$ 70.00 / each		\$0.00
Sieve Only	0 each @	\$ 70.00 / each		\$0.00
Organic Content	0 each @	\$ 60.00 / each		\$0.00
Soluble Sulfate	0 each @	\$ 90.00 / each		\$0.00
Resistivity	0 each @	\$ 130.00 / each		\$0.00
pH Testing	0 each @	\$ 25.00 / each		\$0.00
Chloride Ion	0 each @	\$ 90.00 / each		\$0.00
Oxidation-Reduction	0 each @	\$ 90.00 / each		\$0.00
d. OTHER SUBTOTAL:				\$0.00
e. TOTAL OTHER DIRECT COSTS TOTAL (items a through d):				\$1,169.60
12. TOTAL COST (item 10 + 11)				\$34,917.60
13. (If Authorized; Name of sub & amount if not performed by prime.)				\$0.00
14. CONTINGENCY (___ %)				\$0.00
15. MAXIMUM FEE (items 12 through 14)				\$34,917.60

SCHEDULE OF FEES				
ENGINEERING COST SUMMARY				
1. CITY OF HILLIARD, OHIO TRANSPORTATION AND MOBILITY	2. CIP NO.: T-121 TASK NO.: 4		3. VERSION: 27-Apr	
4. NAME OF CONSULTANT: Resource International, Inc.	5. PROJECT TITLE: Assistance with Development of a 5-Year Capital Program for SMRP			
6. ADDRESS: 6350 Presidential Gateway Columbus, Ohio 43231	7. TYPE OF CONTRACT: DIRECT HOURLY W/MULTIPLIER			
8. DIRECT LABOR:	EST. HRS.	HOURLY RATE	SUBTOTAL	EXTENDED TOTAL
Principal	16	\$100.00	\$1,600.00	
Project Manager	32	\$82.00	\$2,624.00	
Senior Project Engineer	0	\$68.00	\$0.00	
Project Engineer	48	\$54.00	\$2,592.00	
Design Engineer	0	\$46.00	\$0.00	
Engineering Technician	8	\$42.00	\$336.00	
Drafter	10	\$39.00	\$390.00	
Clerical	0	\$28.00	\$0.00	
Registered Surveyor	0	\$59.00	\$0.00	
Survey Technician	0	\$43.00	\$0.00	
2-Man Survey Crew	0	\$69.00	\$0.00	
Environmental Scientist	0	\$49.00	\$0.00	
Hydrogeologist	0	\$62.00	\$0.00	
Geologist	0	\$45.00	\$0.00	
Driller	0	\$38.00	\$0.00	
Driller's Helper	0	\$32.00	\$0.00	
Drilling Coordinator	0	\$45.00	\$0.00	
Field Person	0	\$35.00	\$0.00	
DIRECT LABOR TOTAL:				\$7,542.00
9. INDIRECT LABOR:	Overhead & Administrative (a)	Profit (b)	Indirect Cost & Profit Multiplier (a + b) + (a * b)	EXTENDED TOTALS
	1.50	0.10	1.75	
INDIRECT LABOR + PROFIT TOTAL:				\$13,198.50
TOTAL LABOR + PROFIT COSTS (item 8 + item 9) (or 1 + Indirect Cost & Profit Multiplier):				\$20,740.50
11. OTHER DIRECT COSTS:				EST. COST
a. TRAVEL				
MILEAGE: 120 miles x \$0.58 / mile				\$69.60
AIRFARE:				\$0.00
a. TRAVEL SUBTOTAL:				\$69.60
b. EQUIPMENT, MATERIALS, SUPPLIES (EMS)				EST. COST
GPS Unit 0 days @ \$ 110.00 / day				\$0.00
Right of Way Permit 0 days @ \$ 80.00 / each				\$0.00
Traffic Control (Signs/Cones) 0 days @ \$ 250.00 / day				\$0.00
Traffic Control (Lane Closure) 0 days @ \$ 1750.00 / day				\$0.00
Drill Rig 0 days @ \$ 500.00 / day				\$0.00
Pavement Cores 0 days @ \$ 125.00 / each				\$0.00
b. EMS SUBTOTAL:				\$0.00
c. SUBCONTRACTS				EST. COST
				\$0.00
c. SUB SUBTOTAL:				\$0.00
d. OTHER (Laboratory Testing)				EST. COST
Moisture Content 0 each @ \$ 12.00 / each				\$0.00
Sieve / Hydrometer 0 each @ \$ 110.00 / each				\$0.00
Atterberg Limits 0 each @ \$ 70.00 / each				\$0.00
Sieve Only 0 each @ \$ 70.00 / each				\$0.00
Organic Content 0 each @ \$ 60.00 / each				\$0.00
Soluble Sulfate 0 each @ \$ 90.00 / each				\$0.00
Resistivity 0 each @ \$ 130.00 / each				\$0.00
pH Testing 0 each @ \$ 25.00 / each				\$0.00
Chloride Ion 0 each @ \$ 90.00 / each				\$0.00
Oxidation-Reduction 0 each @ \$ 90.00 / each				\$0.00
d. OTHER SUBTOTAL:				\$0.00
e. TOTAL OTHER DIRECT COSTS TOTAL (items a through d):				\$69.60
12. TOTAL COST (item 10 + 11)				\$20,810.10
13. (If Authorized; Name of sub & amount if not performed by prime.)				\$0.00
14. CONTINGENCY (___ %)				\$0.00
15. MAXIMUM FEE (items 12 through 14)				\$20,810.10

Preliminary Boring Plan (Sheet 1 of 2)

Task 1 - Drainage Issues at Davis Road and Audubon Avenue Roundabout

Legend
✦ Boring



Page 28 of 29

Google Earth

Page 50 of 51

80 ft

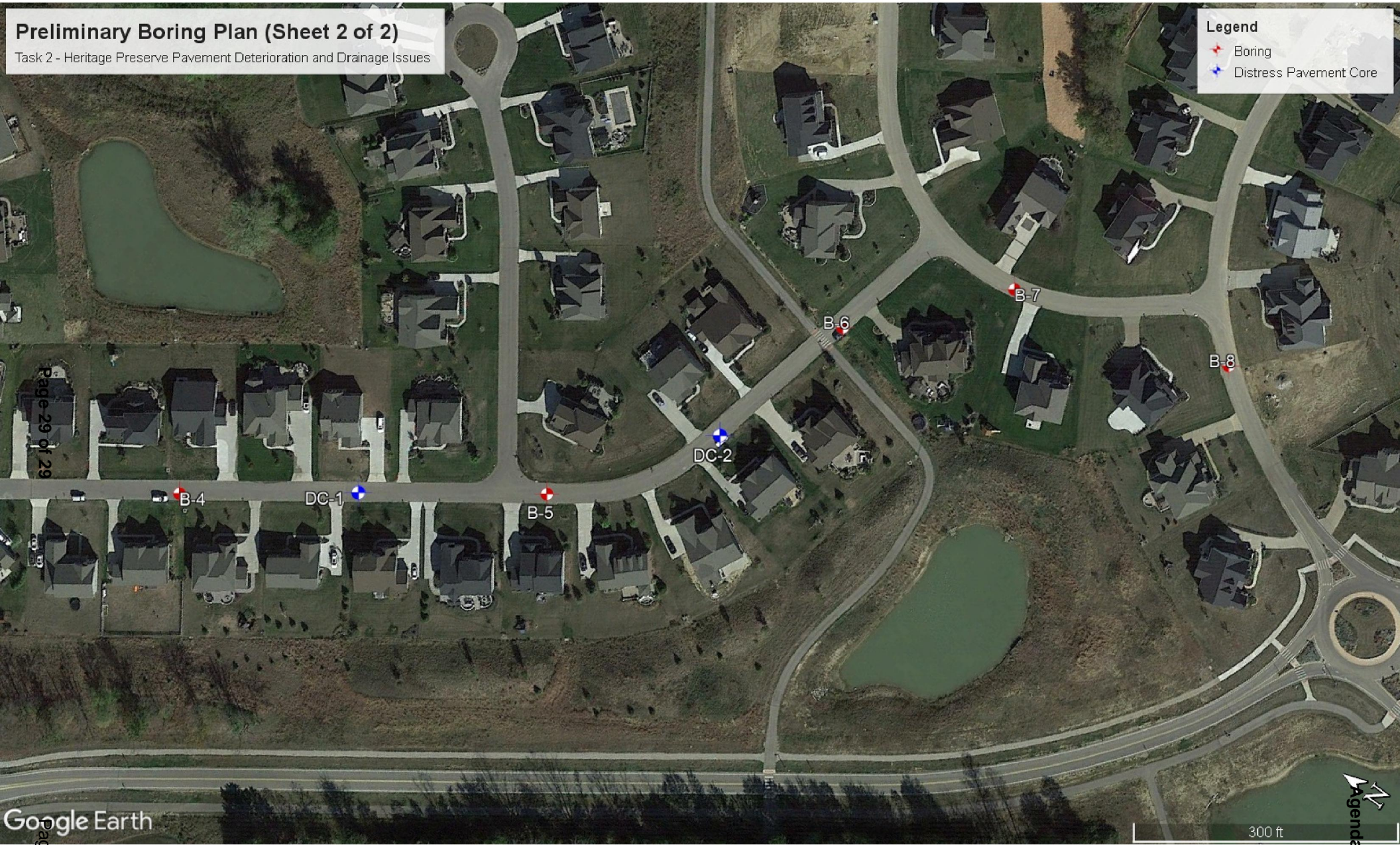
Agenda Item B.3.

Preliminary Boring Plan (Sheet 2 of 2)

Task 2 - Heritage Preserve Pavement Deterioration and Drainage Issues

Legend

-  Boring
-  Distress Pavement Core



Page 29 of 29