



State of Ohio
Public Works Commission
Application for Financial Assistance

IMPORTANT: Please consult "Instructions for Financial Assistance for Capital Infrastructure Projects" for guidance in completion of this form.

Applicant

Applicant: City of Huron Subdivision Code: 043-37016

District Number: 5 County: Erie Date: 09/09/2020

Contact: Doug Green - City Engineer's Office Phone: (440) 258-7799
(The individual who will be available during business hours and who can best answer or coordinate the response to questions)

Email: doug.green@huronohio.us FAX: (419) 433-5120

Project

Project Name: Sawmill Parkway Improvement Project Zip Code: 44839

Subdivision Type	Project Type	Funding Request Summary
<small>(Select one)</small>	<small>(Select single largest component by \$)</small>	<small>(Automatically populates from page 2)</small>
<input type="checkbox"/> 1. County	<input checked="" type="checkbox"/> 1. Road	Total Project Cost: <u>1,887,516 .00</u>
<input checked="" type="checkbox"/> 2. City	<input type="checkbox"/> 2. Bridge/Culvert	1. Grant: <u>275,000 .00</u>
<input type="checkbox"/> 3. Township	<input type="checkbox"/> 3. Water Supply	2. Loan: <u>137,500 .00</u>
<input type="checkbox"/> 4. Village	<input type="checkbox"/> 4. Wastewater	3. Loan Assistance/ Credit Enhancement: <u>0 .00</u>
<input type="checkbox"/> 5. Water (6119 Water District)	<input type="checkbox"/> 5. Solid Waste	Funding Requested: <u>412,500 .00</u>
	<input type="checkbox"/> 6. Stormwater	

District Recommendation (To be completed by the District Committee)

Funding Type Requested	SCIP Loan - Rate: _____ % Term: _____ Yrs	Amount: _____ .00
<small>(Select one)</small>		
<input type="checkbox"/> State Capital Improvement Program	RLP Loan - Rate: _____ % Term: _____ Yrs	Amount: _____ .00
<input type="checkbox"/> Local Transportation Improvement Program	Grant:	Amount: _____ .00
<input type="checkbox"/> Revolving Loan Program	LTIP:	Amount: _____ .00
<input type="checkbox"/> Small Government Program	Loan Assistance / Credit Enhancement:	Amount: _____ .00
District SG Priority: _____		

For OPWC Use Only

STATUS	Grant Amount: _____ .00	Loan Type: <input type="checkbox"/> SCIP <input type="checkbox"/> RLP
Project Number: _____	Loan Amount: _____ .00	Date Construction End: _____
_____	Total Funding: _____ .00	Date Maturity: _____
Release Date: _____	Local Participation: _____ %	Rate: _____ %
OPWC Approval: _____	OPWC Participation: _____ %	Term: _____ Yrs

1.0 Project Financial Information (All Costs Rounded to Nearest Dollar)

1.1 Project Estimated Costs

Engineering Services

Preliminary Design:	_____	.00	
Final Design:	<u>117,223</u>	.00	
Construction Administration:	<u>115,813</u>	.00	
Total Engineering Services:	a.)	<u>233,036</u>	.00 <u>15</u> %
Right of Way:	b.)	_____	.00
Construction:	c.)	<u>1,579,380</u>	.00
Materials Purchased Directly:	d.)	_____	.00
Permits, Advertising, Legal:	e.)	_____	.00
Construction Contingencies:	f.)	<u>75,100</u>	.00 <u>5</u> %
Total Estimated Costs:	g.)	<u>1,887,516</u>	.00

1.2 Project Financial Resources

Local Resources

Local In-Kind or Force Account:	a.)	<u>1,475,016</u>	.00
Local Revenues:	b.)	_____	.00
Other Public Revenues:	c.)	_____	.00
ODOT / FHWA PID: _____	d.)	_____	.00
USDA Rural Development:	e.)	_____	.00
OEPA / OWDA:	f.)	_____	.00
CDBG:	g.)	_____	.00
<input type="checkbox"/> County Entitlement or Community Dev. "Formula"			
<input type="checkbox"/> Department of Development			
Other: _____	h.)	_____	.00
Subtotal Local Resources:	i.)	<u>1,475,016</u>	.00 <u>78</u> %

OPWC Funds (Check all requested and enter Amount)

Grant: <u>67</u> % of OPWC Funds	j.)	<u>275,000</u>	.00
Loan: <u>33</u> % of OPWC Funds	k.)	<u>137,500</u>	.00
Loan Assistance / Credit Enhancement:	l.)	<u>0</u>	.00
Subtotal OPWC Funds:	m.)	<u>412,500</u>	.00 <u>22</u> %
Total Financial Resources:	n.)	<u>1,887,516</u>	.00 <u>100</u> %

1.3 Availability of Local Funds

Attach a statement signed by the Chief Financial Officer listed in section 5.2 certifying all local resources required for the project will be available on or before the earliest date listed in the Project Schedule section. The OPWC Agreement will not be released until the local resources are certified. Failure to meet local share may result in termination of the project. Applicant needs to provide written confirmation for funds coming from other funding sources.

2.0 Repair / Replacement or New / Expansion

2.1 Total Portion of Project Repair / Replacement:	_____ 1,887,516 .00	_____ 100 %
2.2 Total Portion of Project New / Expansion:	_____ 0 .00	_____ 0 %
2.3 Total Project:	_____ 1,887,516 .00	_____ 100 %

A Farmland Preservation letter is required for any impact to farmland

3.0 Project Schedule

3.1 Engineering / Design / Right of Way	Begin Date: <u>07/19/2021</u>	End Date: <u>12/17/2021</u>
3.2 Bid Advertisement and Award	Begin Date: <u>01/03/2022</u>	End Date: <u>02/11/2022</u>
3.3 Construction	Begin Date: <u>03/07/2022</u>	End Date: <u>09/30/2022</u>

Construction cannot begin prior to release of executed Project Agreement and issuance of Notice to Proceed.

Failure to meet project schedule may result in termination of agreement for approved projects. Modification of dates must be requested in writing by project official of record and approved by the Commission once the Project Agreement has been executed.

4.0 Project Information

If the project is multi-jurisdictional, information must be consolidated in this section.

4.1 Useful Life / Cost Estimate / Age of Infrastructure

Project Useful Life: 21 Years Age: 1974 (Year built or year of last major improvement)

Attach Registered Professional Engineer's statement, with seal or stamp and signature confirming the project's useful life indicated above and detailed cost estimate.

4.2 User Information

Road or Bridge: Current ADT 3,495 Year 2020 Projected ADT 4,221 Year 2040

Water / Wastewater: Based on monthly usage of 4,500 gallons per household; attach current ordinances.

Residential Water Rate Current \$ _____ Proposed \$ _____

Number of households served: _____

Residential Wastewater Rate Current \$ _____ Proposed \$ _____

Number of households served: _____

Stormwater: Number of households served: _____

4.3 Project Description

- A: SPECIFIC LOCATION (Supply a written location description that includes the project termini; a map does not replace this requirement.) 500 character limit.

Sawmill Parkway is located off of Rye Beach Rd approximately 0.13 miles South of the SR2 Eastbound/Rye Beach Rd Interchange. The project limits include the entirety of Sawmill Parkway from it's intersection at Rye Beach Rd. on it's West end to it's Eastern terminus. Total roadway length is approximately 3,800 ft.

- B: PROJECT COMPONENTS (Describe the specific work to be completed; the engineer's estimate does not replace this requirement) 1,000 character limit.

Project consists of pavement repairs to the existing concrete roadway for its entire 3,800' length. (plans are attached) The existing pavement is in Critical condition per the City of Huron PCR map (see attached). Existing concrete pavement surface will be milled down approximately 2" with full depth removal and replacement as needed at areas of total failure. A 4" fiber-reinforced concrete overlayment will be placed over the milled surface and all asphalt and concrete approached will be replaced to match up with the new road surface. New concrete curbs will be installed along the entire roadway.

Storm drainage improvements will include 6" underdrains installed along both sides of the roadway to prevent damage to the road base and storm drainage will be extended from its existing terminus (approx 1/3 of the road length from Rye Beach Rd) to the Eastern terminus of Sawmill Parkway including adjustment/repair of all existing catch basins and all necessary storm drainage outlets.

- C: PHYSICAL DIMENSIONS (Describe the physical dimensions of the existing facility and the proposed facility. Include length, width, quantity and sizes, mgd capacity, etc in detail.) 500 character limit.

Existing roadway to be improved is approximately 3,800' long and 32' wide from curb to curb and supports a current ADT of 3,495 vehicles as published by the ODOT TIMS map (attached). Improvements to the roadway will include milling of 13,800SY of existing concrete pavement, 1500SY of full depth pavement removal/replacement and 13,800SY of 4" fiber-reinforced concrete overlayment. Also included are 2,220 of asphalt/concrete drive aprons, 7,670' of 6" storm drainage and 1mi of new pavement marking

5.0 Project Officials

Changes in Project Officials must be submitted in writing from an officer of record.

5.1 Chief Executive Officer (Person authorized in legislation to sign project agreements)

Name: Mike Spafford
Title: Interim City Manager
Address: 417 Main St.

City: Huron State: OH Zip: 44839
Phone: (419) 433-5000
FAX: (419) 433-5120
E-Mail: mike.spafford@huronohio.us

5.2 Chief Financial Officer (Can not also serve as CEO)

Name: Cory Swaisgood, CPA
Title: Finance Director
Address: 417 Main St.

City: Huron State: OH Zip: 44839
Phone: (419) 433-5000
FAX: (419) 433-5120
E-Mail: cory.swaisgood@huronohio.us

5.3 Project Manager

Name: Doug Green
Title: City Engineer's Office
Address: 417 Main St.

City: Huron State: OH Zip: 44839
Phone: (440) 258-7799
FAX: (419) 433-5120
E-Mail: doug.green@huronohio.us

6.0 Attachments / Completeness review

Confirm in the boxes below that each item listed is attached (Check each box)

- A certified copy of the legislation by the governing body of the applicant authorizing a designated official to sign and submit this application and execute contracts. This individual should sign under 7.0, Applicant Certification, below.
- A certification signed by the applicant's chief financial officer stating the amount of all local share funds required for the project will be available on or before the dates listed in the Project Schedule section. If the application involves a request for loan (RLP or SCIP), a certification signed by the CFO which identifies a specific revenue source for repaying the loan also must be attached. Both certifications can be accomplished in the same letter.
- A registered professional engineer's detailed cost estimate and useful life statement, as required in 164-1-13, 164-1-14, and 164-1-16 of the Ohio Administrative Code. Estimates shall contain an engineer's seal or stamp and signature.
- A cooperative agreement (if the project involves more than one subdivision or district) which identifies the fiscal and administrative responsibilities of each participant.
- Farmland Preservation Review - The Governor's Executive Order 98-IV, "Ohio Farmland Protection Policy" requires the Commission to establish guidelines on how it will take protection of productive agricultural and grazing land into account in its funding decision making process. Please include a Farm Land Preservation statement for projects that have an impact on farmland.
- Capital Improvements Report. CIR Required by O.R.C. Chapter 164.06 on standard form.
- Supporting Documentation: Materials such as additional project description, photographs, economic impact (temporary and/or full time jobs likely to be created as a result of the project), accident reports, impact on school zones, and other information to assist your district committee in ranking your project. Be sure to include supplements which may be required by your local District Public Works Integrating Committee.

7.0 Applicant Certification

The undersigned certifies: (1) he/she is legally authorized to request and accept financial assistance from the Ohio Public Works Commission as identified in the attached legislation; (2) to the best of his/her knowledge and belief, all representations that are part of this application are true and correct; (3) all official documents and commitments of the applicant that are part of this application have been duly authorized by the governing body of the applicant; and, (4) should the requested financial assistance be provided, that in the execution of this project, the applicant will comply with all assurances required by Ohio Law, including those involving Buy Ohio and prevailing wages.

Applicant certifies that physical construction on the project as defined in the application has NOT begun, and will not begin until a Project Agreement for this project has been executed with the Ohio Public Works Commission. Action to the contrary will result in termination of the agreement and withdrawal of Ohio Public Works Commission funding from the project.

Mike Spafford - Interim City Manager

Certifying Representative (Printed form, Type or Print Name and Title)

 9/9/2020

Original Signature / Date Signed

**DISTRICT 5
CAPITAL IMPROVEMENT PROJECTS
QUESTIONNAIRE
ROUND 35**

Name of Applicant: City of Huron
 Project Title: Sawmill Parkway Improvement Project

The following questions are to be answered for each application submitted for State Issue II SCIP, LTIP and Loan Projects. Please provide specific information using the best documentation available to you. Justification of your responses to these questions will be required if your project is selected for funding, so please provide correct and accurate responses. **Communities and Townships under 5,000 in population should also complete the Small Government Criteria.**

1. What percentage of the project in repair A= 100%, replacement B= __%, expansion C= __%, and new D= __%? (Use dollar amounts of project to figure percentages and make sure the total equals one hundred(100) percent) A+B= 100% C+D= __% **ORC Reference(s):164.06(B)(1); 164.14(E)(10)**

Repair/Replacement = Repair or Replacement of public facilities owned by the government (any subdivision of the state).

New/Expansion = Replacement of privately owned wells, septic systems, private water or wastewater systems, etc.

2a. Existing Physical Condition of Infrastructure **ORC Reference(s):164.06(B)(2);164.14(E)(9);164.14(E)(2); 164.14(E)(8)**

Points	Category	Description	Examples
10	Failing	Infrastructure has reached a point where it requires replacement, reconstruction or reconfiguration to fulfill its purpose	-Intersection Reconfiguration due to accident problem- Structural paving of 3.5" or greater of additional pavement - Pavement Widening to meet ODOT L&D Standards - Complete Pavement Reconstruction -Water or Sewer Line Replacement - Water or Sewer Plant Replacement - Widening graded shoulder width to ODOT L&D Standard -Complete Bridge or Culvert replacement
8	Poor	The condition is substandard and requires repair or restoration in order to return to the intended level of service and comply with current design standards. Infrastructure contains deficiency and is functioning at a diminished capacity.	-Multiple course of paving - Structural Culvert Lining - Bridge Deck Replacement - Replacement of a significant part of a water or sewer plant - Single course of paving with 25% base repair-Widening graded shoulder width to less than ODOT L&D Standard

6	Fading	The condition requires reconditioning to continue to function as originally intended.	-Single course of paving -Sewer Lining Projects -Water tower painting -Replacement of pumps, hydrants, valves, filters, etc in existing water and sewer systems-Widening aggregate berm on existing graded shoulder width
4	Fair	The condition is average, not good or poor. The infrastructure is still functioning as originally intended. Minor deficiencies exist requiring repair to continue to function as originally intended and/or to meet current design standards	
2	Good	The condition is safe and suitable to purpose. Infrastructure is functioning as originally intended, but requires minor repairs and/or upgrades to meet current design standards	
0	Excellent	The condition is new or requires no repair. Or, no supporting documentation has been submitted	

2b. Age of Infrastructure **ORC Reference(s):164.06(B)(2)**

Life	20	30	50
Project Type	Road	Wastewater and Water Treatment	Bridge/Culvert, Sanitary Sewer, Water Supply, Storm Water, Solid Waste
Points			
0	0-4 Years	0-6 Years	0-10 Years
1	5-8 Years	7-12 Years	11-20 Years
2	9-12 Years	13-18 Years	21-30 Years
3	13-16 Years	19-24 Years	31-40 Years
4	17-20 Years	25-30 Years	41-50 Years
5	20+ Years	30+ Years	50+ Years

3. Health and Safety Rating: **ORC Reference(s):164.06(B)(4),164.14(E)(1); 164.14(E)(10)**

If the proposed project is not approved what category would best represent the impact on the general health and/or public safety?

ROADS

Extremely Critical: Resurfacing, Restoration, Rehabilitation and Reconstruction (4R) of a Major Access Road.*

Critical: Resurfacing, Restoration and Rehabilitation (3R) of a Major Access Road.*

Major:

Resurfacing, Restoration, Rehabilitation and Reconstruction (4R) of a Minor Access Road.*

Moderate:

Resurfacing, Restoration and Rehabilitation (3R) of a Minor Access Road.*

Minimal:

Preventative Maintenance of a Major Access Road.

No Impact:

Preventative Maintenance of a Minor Access Road.

Projects that have a variety of work will be scored in the LOWEST category of work contained in the Construction Estimate.

Road/Street Classifications:

Major Access Road:

Roads or streets that have a dual function of providing access to adjacent properties and providing through or connecting service between other roads.

Minor Access Road:

Roads or streets that primarily provide access to adjacent properties without through continuity, such as cul-de-sacs or loop roads or streets.

Preventative Maintenance:

Non Structural Pavement work such as chip sealing, cape sealing, micro-surfacing, crack sealing, etc.

*(3R) Resurfacing, Restoration and Rehabilitation - Improvements to existing roadways, which have as their main purpose, the restoration of the physical features (pavement, curb, guardrail, etc.) without altering the original design elements. **(Surface and Intermediate layer Mill and Fills, overlays with less than or equal to 3.5" of additional pavement, etc....)**

*(4R) Resurfacing, Restoration, Rehabilitation and Reconstruction - Much like 3R, except that 4R allows for the complete reconstruction of the roadway and alteration of certain design elements (i.e., lane widths, shoulder width, SSD, **overlays with greater than 3.5" of additional pavement.** etc.).

BRIDGES SUFFICIENCY RATING

Extremely Critical: 0-25, or a General Appraisal rating of 3 or less.

Critical: 27-50, or a General Appraisal rating of 4.

Major: 51-65 or a General Appraisal rating of 5 or 6.

Moderate: 66-80 or a General Appraisal rating of 7.

Minimal: 81-100 or a General Appraisal rating of more than 7.

No Impact: Bridge on a new roadway.

WASTEWATER TREATMENT PLANTS

Extremely Critical: Environmental Protection Agency (EPA) orders in the form of a consent decree, findings and orders or court order. Health Department Construction Ban.

- Critical: Improvements ordered by the Environmental Protection Agency (EPA) in the form of NPDES Orders.
- Major: Replace deficient appurtenances. Update existing processes due to EPA recommendations.
- Moderate: Increase capacity to meet current needs or update processes to improve effluent quality.
- Minimal: New/Expansion project to meet a specific development proposal.
- No Impact: New/Expansion to meet future or projected needs.

WATER TREATMENT PLANT

- Extremely Critical: EPA orders in the form of a consent decree, findings and orders or court order.
- Critical: Improvements to meet Environmental Protection Agency (EPA) Safe Drinking Water Regulations and/or NPDES Orders.
- Major: Replace deficient appurtenances. Update existing processes due to EPA recommendations.
- Moderate: Increase capacity to meet current needs or update processes to improve water quality.
- Minimal: New/Expansion project to meet a specific development proposal.
- No Impact: New/Expansion to meet future or projected needs.

COMBINED SEWER SEPARATIONS (May be construction of either new storm or sanitary sewer as long as the result is two separate sewer systems.)

- Extremely Critical: EPA orders in the form of a consent decree, findings and orders or court order. Health Department Construction Ban.
- Critical: Separate, due to chronic backup or flooding in basements.
- Major: Separate, due to documented water quality impairment, or due to EPA recommendations.
- Moderate: Separate, due to specific development proposal within or upstream of the combined system area.
- Minimal: Separate, to conform to current design standards.
- No Impact: No positive health effect.

STORM SEWERS

Extremely Critical:	EPA orders in the form of a consent decree, findings and orders or court order.
Critical:	Chronic flooding (structure damage).
Major:	Inadequate capacity (land damage).
Moderate:	Inadequate capacity with no associated damage.
Minimal:	New/Expansion to meet current needs.
No Impact:	New/Expansion to meet future or project needs.

CULVERTS

Extremely Critical:	Structurally deficient or functionally obsolete. Deterioration has already caused a safety Critical: hazard to the public.
Critical:	Inadequate capacity with land damage and the existing or high probability of property damage.
Major:	Inadequate capacity (land damage).
Moderate:	Inadequate capacity with no associated damage.
Minimal:	New/Expansion to meet current needs.
No Impact:	New/Expansion to meet future or projected needs.

SANITARY SEWERS

Extremely Critical:	EPA orders in the form of a consent decree, findings and orders or court order. Health Department Construction Ban.
Critical:	Replace, due to chronic pipe failure, chronic backup or flooding in basements. Improvements ordered by the Environmental Protection Agency (EPA) in the form of NPDES Orders.
Major:	Replace, due to inadequate capacity or infiltration, or due to EPA recommendations.
Moderate:	Rehabilitate to increase capacity to meet current needs or to reduce inflow and infiltration.
Minimal:	New/Expansion project to meet a specific development proposal.
No Impact:	New/Expansion to meet future or projected needs.

SANITARY LIFT STATIONS AND FORCE MAINS

- Extremely Critical: Structurally deficient. Deterioration has already caused a safety/health hazard to the public, or, EPA orders in the form of a consent decree, findings and orders or court order.
- Critical: Inadequate capacity with actual or a high probability of property damage. Improvements ordered by the Environmental Protection Agency (EPA) in the form of NPDES Orders.
- Major: EPA recommendations, or, reduces a probable health and/or safety problem.
- Moderate: Rehabilitate to increase capacity to meet current needs.
- Minimal: New/Expansion to meet a specific development proposal.
- No Impact: New/Expansion to meet future or projected needs.

WATER PUMP STATIONS

- Extremely Critical: Structurally deficient. Deterioration has already caused a safety hazard to the public, or, EPA orders in the form of a consent decree, findings and orders or court order.
- Critical: Inadequate capacity with the inability to maintain pressure required for fire flows.
- Major: Replace due to inadequate capacity or EPA recommendations.
- Moderate: Rehabilitate to increase capacity to meet current needs.
- Minimal: New/Expansion to meet a specific development proposal.
- No Impact: New/Expansion to meet future or projected needs.

WATER LINES/WATER TOWERS

- Extremely Critical: Solve low water pressure or excessive incidents of main breaks in project area.
- Critical: Replace, due to deficiency such as excessive corrosion, etc.
- Major: Replace undersized water lines as upgrading process.
- Moderate: Increase capacity to meet current needs.
- Minimal: New/Expansion project to meet a specific development proposal.
- No Impact: New/Expansion to meet future or projected needs.

OTHER

- Extremely Critical: There is a present health and/or safety threat.

- Critical: The project will provide immediate health and/or safety benefit.
- Major: The project will reduce a probable health and/or safety problem.
- Moderate: The project will delay a health and/or safety problem.
- Minimal: A possible future health and/or safety problem mitigation.
- No Impact: No health and/or safety effect.

NOTE: Combined projects that can be rated in more than one subset may be rated in the other category at the discretion of the District 5 Executive Committee. In general, the majority of the cost or scope of the project shall determine the category under which the project will be scored.

(Submittals without supporting documentation will receive 0 Points for this question.)

Extremely Critical ____, Critical ____, Major , Moderate ____, Minimal ____, No Impact ____. Explain your answer.

(Additional narrative, charts and/or pictures should be attached to questionnaire)

4. Identify the amount of local funds that will be used on the project as a percentage of the total project cost. **ORC Reference 164.06(B)(6); ORC 164.06(B)(3)**

A.) Amount of Local Funds = \$ 1,475,016
 B.) Total Project Cost = \$ 1,887,516

RATIO OF LOCAL FUNDS DIVIDED by TOTAL PROJECT COSTS (A÷B)= 78 %

Note: Local funds should be considered funds derived from the applicant budget or loans funds to be paid back through local budget, assessments, rates or tax revenues collected by the applicant.

5. Identify the amount of other funding sources to be used on the project, excluding SCIP or LTIP Funds, as a percentage of the total project cost. **ORC Reference(s): 164.06(B)(7); 164.14(E)(4)**

Grants __% Gifts __%, Contributions __%

Other __% (explain) _____ , Total 0 %

Note: Grant funds and other revenues not contributed or collected through taxes by the applicant should be considered other funds. The Scope of Work for each Funding Source must be the same.

6. Total Amount of SCIP and Loan Funding Requested- An Applicant can request a grant per the categories below for points as indicated on the Priority Rating Sheet. If the Applicant is including a loan request equal to, but not exceeding 50% of the OPWC funding amounts listed below, there will be no point penalty. If loan funds requested are more than 50%, points as listed in the Priority Rating Sheet will apply. **ORC Reference(s): 164.14(E)(10); 164.06(B)(5)**

- \$500,001 or More
- \$400,001-\$500,000
- \$325,001-\$400,000
- \$275,001-\$325,000
- \$175,001-\$275,000
- \$175,000 or Less

There are times when the District spends all of the grant money and has loan money remaining. When this happens, the district makes a loan offer in the amount of the requested grant to the communities that were not funded. The offers are made in the order of scoring. We need to know if you are not successful in obtaining grant dollars for your project if you would be interested in loan money:

YES NO

(This will only be considered if you are not funded with grant money and there is remaining loan money.) **Please note: if you answer "no" you will not be contacted, only if you answer "yes" will an offer be made in the event that there is loan money remaining.**

7. If the proposed project is funded, will its completion directly result in the creation of permanent full-time equivalent (FTE) jobs (FTE jobs shall be defined as 35 hours/week) ? Yes ___ No ___. If yes, how many jobs within eighteen months? ___ Will the completed project retain jobs that would otherwise be permanently lost? Yes No ___. If yes, how many jobs 200-300 **will be created/retrained** within 18 months **following the completion of the improvements?**

ORC Reference(s): 164.14(E)(3);164.14(E)(10)

(Supporting documentation in the form of letter from affected industrial or commercial enterprises that specify full time equivalent jobs that will be retained or created directly by the installation or improvement of Public infrastructure. Additional items such as; 1) newspaper articles or other media news accounts, 2) public meeting minutes, and/or 3) a letter from the County Economic Development Director or State of Ohio Economic Development Professional that alludes to the requirement for the infrastructure improvement to support the business. Submittals without supporting documentation will receive 0 points for this question.)

8. What is the total number of existing users that will directly benefit from the proposed project if completed? 3,495 (Use households served, traffic counts, etc. and explain the basis by which you arrived at your number.) **ORC Reference 164.14(E)(7); 164.06(B)(10)** *PER ODOT TRIMS Counts. (Attached)*

9. Economic Distress Criteria **ORC Reference 164.06(B)(8)**

What is the Local Median Household Income as a percentage of the District Median Household Income? _____ %. Please utilize the Economic Distress Scoring Criteria based on ACS 2013-2017 Data provided in Exhibit A.

10. Readiness to Proceed Criteria **ORC Reference 164.06(B)(9); ORC 164.14(E)(5)**

Please categorize the status of planning and design elements for the project.

- _____ Plans have not begun yet (0 Points)
- X Preliminary Engineering Complete (1 Point)
- _____ Final Design Complete (2 Points)

11. Base Score Total for Questions 1-10= 92

12. County Subcommittee Priority Points= _____

(25-20-15 Points for each of the SCIP and LTIP Project Categories)

13. DISCRETIONARY POINTS (BY DISTRICT COMMITTEE ONLY)

13a. A **District Discretionary Point** may be awarded to projects that demonstrate significant Area-wide, County, or Community Impact. (Include documentation to support the claim of significance) (Maximum of 1 Point at the discretion of the District Executive Committee) _____
ORC Reference 164.14(E)(7)

13b. A **District Discretionary Point** may be awarded to projects that demonstrate that the entity has maximized local financial resources including assessments. Provide a Fund Status Report and/or the water and sanitary waste utility rate structures are at least 2.5% of area median household income for combined systems and 1.5% of the area median household income for water and sanitary only systems. Please provide rate ordinances for water and sanitary sewer to be considered for discretionary points. (Maximum of 1 Point at the discretion of the District 5 Executive Committee) _____ **ORC Reference 164.06(B)(3)**

14. **Grand Total of Points** _____

15. Is subdivision's population less than 5,000 Yes No ____ If yes, continue. You may want to design your project per Small Government Project Evaluation Criteria, released for the current OPWC Round to assist in evaluating your project for potential Small Government Funding. The Small Government Criteria is available on the OPWC website at

<https://www.pwc.ohio.gov/Portals/0/Data/SmallGovernment%20Round%2035%20Methodology.pdf?ver=2019-08-07-071749-143>

16. **OHIO PUBLIC WORKS COMMISSION SMALL GOVERNMENT PROGRAM GUIDELINES**

All projects that are sponsored by a subdivision with a population of 5,000 or less, and not earning

Government Program Rating Criteria for the corresponding funding round. In order to be rated the entity must submit the Small Government Supplement and their required budgets with their application. **Only infrastructure that is village- or township- owned is eligible for assistance.** The following policies have been adopted by the Small Government Commission:


- District Integrating Committees may submit up to seven (7) applications for consideration by the Commission. All 7 must be ranked, however, only the top five (5) will be scored. The remaining two (2) will be held as contingency projects should an application be withdrawn.
- Grants are limited to \$500,000. Any assistance above that amount must be in the form of a loan.
- Grants for new or expanded infrastructure cannot exceed 50% of the project estimate.
- The Commission may deny funding for water and sewer systems that are deemed to be more cost-effective if regionalized.
- If a water or sewer project is determined to be affordable, the project will be offered a loan rather than a grant. Pay special attention to the **Water & Wastewater Affordability Supplemental and the Small Government Water & Wastewater Affordability Calculation Worksheet. Both are available on the Small Government Program Tab at <https://www.pwc.ohio.gov/Programs/Infrastructure-Programs/Small-Government>**
- Should there be more projects that meet the “annual score” than there is funding, the tie breaker is those projects which scored highest under Health & Safety, with the second tie breaker being Condition. If multiple projects have equivalent Health & Safety and Condition scores they are arranged according to the amount of assistance from low to high. Once the funded projects are announced, “contingency projects” may be funded from project under-runs by continuing down the approved project list.
- Supplemental assistance is not provided to projects previously funded by the Commission.
- Applicants have 30 days from receipt of application by OPWC without exception to provide additional documentation to make the application more competitive under the Small Government criteria. Applications will be scored after the 30-day period has expired. The applicants for each District's two (2) contingency projects will have the same 30-day period to submit supplemental information but these applications will not be scored unless necessary to do so. **It is each applicant's responsibility for determining the need for supplemental material. The applicant will not be asked for or notified of missing information unless the Commission has changed the project type and it affects the documentation required. Important information may include, but is not limited to: age of infrastructure, traffic counts or utility users, median income information, user rates ordinances, and the Auditor's Certificate of Estimated Revenues or documentation from the Auditor of State that subdivision is in a state of fiscal emergency.**

If you desire to have your Round 35 project considered for Small Government Funding please download the Small Government Evaluation Criteria applicable to Round 35 by accessing the OPWC Website at

<https://www.pwc.ohio.gov/Portals/0/Data/SmallGovernment%20Round%2035%20Methodology.pdf?ver=2019-08-07-071749-143>

Please complete the Small Government Evaluation Criteria and attach all required supporting documentation and attach it to the District 5 Questionnaire for Round 35.

Date: 9/9/20

Signature: 

Title: CITY OF HURON, ENGINEER'S OFFICE

Address: 417 MAIN ST, HURON, OH 44839

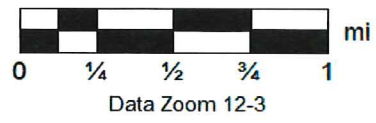
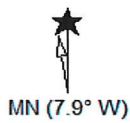
Phone: (419) 433-5000 EXT. 1301

FAX: (419) 433-5120

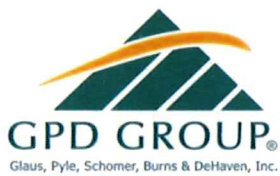
Email: doug.green@huronohio.us



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SITE LOCATION MAP
 Sawmill Parkway Reconstruction
 Sawmill Parkway, Huron, Ohio
 GPD Project Number: 2018821.73
 Date: August 2018

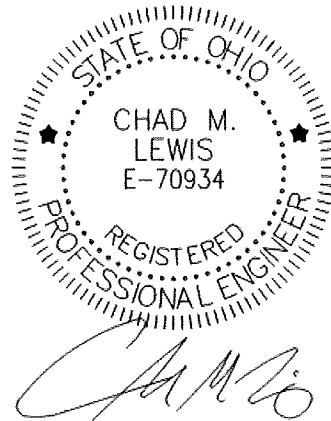


SATELLITE PHOTOGRAPH

Sawmill Parkway Reconstruction
Sawmill Parkway, Huron, Ohio
GPD Project Number: 2018821.73
Date: August 2018

SAWMILL PARKWAY - VERSION 2 - WHITE TOPPING							USEFUL LIFE			
REF. NO.	ODOT ITEM	ITEM DESCRIPTION	TOTAL QNTY	UNIT	TOTAL UNIT PRICE	BID ITEM TOTAL	UNDERGROUND PIPE 50 YEARS	NEW PAVEMENT 40 YEARS	UNDERDRAINS 30 YEARS	PAVEMENT OVERLAY 10 YEARS
ROADWAY										
1	202	CURB REMOVED	3420	FT	\$ 3.00	\$ 10,260.00				
2	202	MONUMENT ASSEMBLY REMOVED	3	EACH	\$ 120.00	\$ 360.00				
3	203	EMBANKMENT	240	CY	\$ 20.00	\$ 4,800.00				
4	209	LINEAR GRADING	7550	FT	\$ 4.00	\$ 30,200.00				
5	623	MONUMENT ASSEMBLY	6	EACH	\$ 950.00	\$ 5,700.00				
EROSION CONTROL										
101	601	TIED CONCRETE BLOCK MAT, TYPE 1	35	SY	\$ 80.00	\$ 2,800.00				
102	653	TOPSOIL FURNISHED AND PLACED, AS PER PLAN	3200	SY	\$ 8.00	\$ 25,600.00				
103	SPECIAL	FILTER FABRIC FENCE	7700	FT	\$ 1.50	\$ 11,550.00				
104	SPECIAL	INLET PROTECTION	12	EACH	\$ 100.00	\$ 1,200.00				
DRAINAGE										
201	605	6" BASE PIPE UNDERDRAIN, AS PER PLAN	7670	FT	\$ 20.00	\$ 153,400.00			\$ 153,400.00	
202	611	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET	300	FT	\$ 20.00	\$ 6,000.00			\$ 6,000.00	
203	611	CATCH BASIN ADJUSTED TO GRADE	6	EACH	\$ 700.00	\$ 4,200.00				
204	611	CATCH BASIN GRATE	6	EACH	\$ 150.00	\$ 900.00				
205	611	PRECAST REINFORCED CONCRETE OUTLET	18	EACH	\$ 300.00	\$ 5,400.00			\$ 5,400.00	
PAVEMENT										
301	254	2" PAVEMENT PLANING, PORTLAND CEMENT CONCRETE	13800	SY	\$ 10.00	\$ 138,000.00				
302	304	AGGREGATE BASE, AS PER PLAN (AGGREGATE DRIVE)	420	SY	\$ 35.00	\$ 14,700.00		\$ 14,700.00		
303	425	NON-REINFORCED CONCRETE PAVEMENT, MISC.: 8" CONCRETE DRIVE APRON	620	SY	\$ 80.00	\$ 49,600.00		\$ 49,600.00		
304	441	ASPHALT CONCRETE, MISC.: ASPHALT DRIVE	1600	SY	\$ 50.00	\$ 80,000.00		\$ 80,000.00		
305	452	NON-REINFORCED CONCRETE PAVEMENT, MISC.: 4" FIBER REINFORCED CONCRETE, CLASS QC MS, W/ 4" INTEGRAL CURB	13800	SY	\$ 40.00	\$ 552,000.00				\$ 552,000.00
TRAFFIC CONTROL										
701	646	LANE LINE, 6"	0.1	MILE	\$ 1,815.00	\$ 181.50				
701	646	CENTER LINE	0.8	MILE	\$ 3,600.00	\$ 2,880.00				
702	646	24" STOP LINE	30	FT	\$ 18.00	\$ 540.00				
703	646	LANE ARROW	2	EACH	\$ 160.00	\$ 320.00				
MAINTENANCE OF TRAFFIC										
751	614	MAINTAINING TRAFFIC, AS PER PLAN	1	LS	\$ 150,000.00	\$ 150,000.00				
752	614	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE, AS PER PLAN	80	HOURLY	\$ 65.00	\$ 5,200.00				
CONTINGENCY ITEMS										
801	255	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS MS, AS PER PLAN	1500	SY	\$ 70.00	\$ 105,000.00		\$ 105,000.00		
802	638	12" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS	100	FT	\$ 120.00	\$ 12,000.00	\$ 12,000.00			
803	638	12" GATE VALVE	1	EACH	\$ 1,400.00	\$ 1,400.00	\$ 1,400.00			

MISCELLANEOUS										
851	201	CLEARING AND GRUBBING	1	LS	\$ 20,000.00	\$ 20,000.00				
852	624	MOBILIZATION	1	LS	\$ 50,000.00	\$ 50,000.00				
853	SPECIAL	POT-HOLING EXISTING UTILITIES	1	LS	\$ 10,000.00	\$ 10,000.00				
854	SPECIAL	ADJUSTMENT TO UTILITIES	1	LS	\$ 5,000.00	\$ 5,000.00				
855	SPECIAL	UTILITY REPAIRS	1	LS	\$ 5,000.00	\$ 5,000.00				
856	SPECIAL	MISCELLANEOUS REMOVAL/RELOCATION	1	LS	\$ 5,000.00	\$ 5,000.00				
857	SPECIAL	PROJECT VIDEO	1	LS	\$ 1,500.00	\$ 1,500.00				
858	SPECIAL	PROJECT BONDING	1	LS	\$ 30,000.00	\$ 30,000.00				
860	SPECIAL	NOTICE OF INTENT (NOI)	1	LS	\$ 500.00	\$ 500.00				
ALLOWANCES (FOR USE AS DIRECTED BY THE ENGINEER)										
902	SPECIAL	CONTINGENCY ALLOWANCE FOR UNFORESEEN PROJECT CONDITIONS	75100	EACH	\$ 1.00	\$ 75,100.00				
903	623	CONSTRUCTION LAYOUT STAKES AND SURVEYING	10000	EACH	\$ 1.00	\$ 10,000.00				
904	SPECIAL	AS-BUILT PLANS	5000	EACH	\$ 1.00	\$ 5,000.00				
905	SPECIAL	CONCRETE TESTING	15000	EACH	\$ 1.00	\$ 15,000.00				
USEFUL LIFE =								21.55		



SAWMILL PARKWAY - BUDGET DEVELOPMENT - VERSION 2 - WHITE TOPPING							
REF. NO.	ODOT ITEM	ITEM EXT	ITEM DESCRIPTION	TOTAL QNTY	UNIT	TOTAL UNIT PRICE	BID ITEM TOTAL
ROADWAY							
1	202	32000	CURB REMOVED	3420	FT	\$ 3.00	\$ 10,260.00
2	202	60010	MONUMENT ASSEMBLY REMOVED	3	EACH	\$ 120.00	\$ 360.00
3	203	20000	EMBANKMENT	240	CY	\$ 20.00	\$ 4,800.00
4	209		LINEAR GRADING	7550	FT	\$ 4.00	\$ 30,200.00
5	623	38500	MONUMENT ASSEMBLY	6	EACH	\$ 950.00	\$ 5,700.00
EROSION CONTROL							
101	601	21050	TIED CONCRETE BLOCK MAT, TYPE 1	35	SY	\$ 80.00	\$ 2,800.00
102	653	10001	TOPSOIL FURNISHED AND PLACED, AS PER PLAN	3200	SY	\$ 8.00	\$ 25,600.00
103	SPECIAL		FILTER FABRIC FENCE	7700	FT	\$ 1.50	\$ 11,550.00
104	SPECIAL		INLET PROTECTION	12	EACH	\$ 100.00	\$ 1,200.00
DRAINAGE							
201	605	14001	6" BASE PIPE UNDERDRAIN, AS PER PLAN	7670	FT	\$ 20.00	\$ 153,400.00
202	611	00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET	300	FT	\$ 20.00	\$ 6,000.00
203	611	98630	CATCH BASIN ADJUSTED TO GRADE	6	EACH	\$ 700.00	\$ 4,200.00
204	611	98644	CATCH BASIN GRATE	6	EACH	\$ 150.00	\$ 900.00
205	611	99710	PRECAST REINFORCED CONCRETE OUTLET	18	EACH	\$ 300.00	\$ 5,400.00
PAVEMENT							
301	254	01010	2" PAVEMENT PLANING, PORTLAND CEMENT CONCRETE	13600	SY	\$ 10.00	\$ 138,000.00
302	304	20001	AGGREGATE BASE, AS PER PLAN (AGGREGATE DRIVE)	420	SY	\$ 35.00	\$ 14,700.00
303	425	19200	NON-REINFORCED CONCRETE PAVEMENT, MISC.: 8" CONCRETE DRIVE APRON	620	SY	\$ 80.00	\$ 49,600.00
304	441	91000	ASPHALT CONCRETE, MISC.: ASPHALT DRIVE	1600	SY	\$ 50.00	\$ 80,000.00
305	452	19200	NON-REINFORCED CONCRETE PAVEMENT, MISC.: 4" FIBER REINFORCED CONCRETE, CLASS QC MS, W/ 4" INTEGRAL CURB	13600	SY	\$ 40.00	\$ 552,000.00
TRAFFIC CONTROL							
701	646	10110	LANE LINE, 6"	0.1	MILE	\$ 1,815.00	\$ 181.50
701	646	10200	CENTER LINE	0.8	MILE	\$ 3,600.00	\$ 2,880.00
702	646	10400	24" STOP LINE	30	FT	\$ 18.00	\$ 540.00
703	646	20300	LANE ARROW	2	EACH	\$ 160.00	\$ 320.00
MAINTENANCE OF TRAFFIC							
751	614	11001	MAINTAINING TRAFFIC, AS PER PLAN	1	LS	\$ 150,000.00	\$ 150,000.00
752	614	11111	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE, AS PER PLAN	80	HOUR	\$ 65.00	\$ 5,200.00

SAWMILL PARKWAY - BUDGET DEVELOPMENT - VERSION 2 - WHITE TOPPING							
REF. NO.	ODOT ITEM	ITEM EXT	ITEM DESCRIPTION	TOTAL QNTY	UNIT	TOTAL UNIT PRICE	BID ITEM TOTAL
CONTINGENCY ITEMS							
801	255	01001	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS MS, AS PER PLAN	1500	SY	\$ 70.00	\$ 105,000.00
802	638	02990	12" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS	100	FT	\$ 120.00	\$ 12,000.00
803	638	07500	12" GATE VALVE	1	EACH	\$ 1,400.00	\$ 1,400.00
MISCELLANEOUS							
851	201	11000	CLEARING AND GRUBBING	1	LS	\$ 20,000.00	\$ 20,000.00
852	624	10000	MOBILIZATION	1	LS	\$ 50,000.00	\$ 50,000.00
853	SPECIAL		POT-HOLING EXISTING UTILITIES	1	LS	\$ 10,000.00	\$ 10,000.00
854	SPECIAL		ADJUSTMENT TO UTILITIES	1	LS	\$ 5,000.00	\$ 5,000.00
855	SPECIAL		UTILITY REPAIRS	1	LS	\$ 5,000.00	\$ 5,000.00
856	SPECIAL		MISCELLANEOUS REMOVAL/RELOCATION	1	LS	\$ 5,000.00	\$ 5,000.00
857	SPECIAL		PROJECT VIDEO	1	LS	\$ 1,500.00	\$ 1,500.00
858	SPECIAL		PROJECT BONDING	1	LS	\$ 30,000.00	\$ 30,000.00
860	SPECIAL		NOTICE OF INTENT (NOI)	1	LS	\$ 500.00	\$ 500.00
ALLOWANCES (FOR USE AS DIRECTED BY THE ENGINEER)							
902	SPECIAL		CONTINGENCY ALLOWANCE FOR UNFORESEEN PROJECT CONDITIONS	75100	EACH	\$ 1.00	\$ 75,100.00
903	623	10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING	10000	EACH	\$ 1.00	\$ 10,000.00
904	SPECIAL		AS-BUILT PLANS	5000	EACH	\$ 1.00	\$ 5,000.00
905	SPECIAL		CONCRETE TESTING	15000	EACH	\$ 1.00	\$ 15,000.00

2020 CONSTRUCTION ESTIMATE = \$ 1,606,291.50

2021 CONSTRUCTION ESTIMATE (3% INFLATION) = \$ 1,654,480.25

ENGINEERING, BIDDING, AND AWARD (8%) = \$ 132,358.42

LESS PRELIM. ENGINEERING = \$ (16,636.00)

REMAINING ENGINEERING = \$ 115,722.42

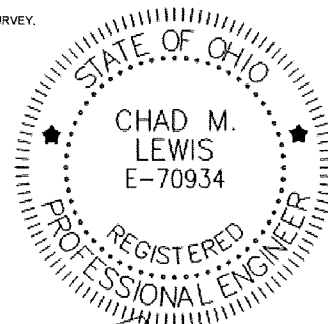
ADDITIONAL SURVEY* = \$ 1,500.00

CA/CM/CI (7%)** = \$ 115,813.62

REMAINING PROJECT BUDGET TOTAL = \$ 1,887,516.28

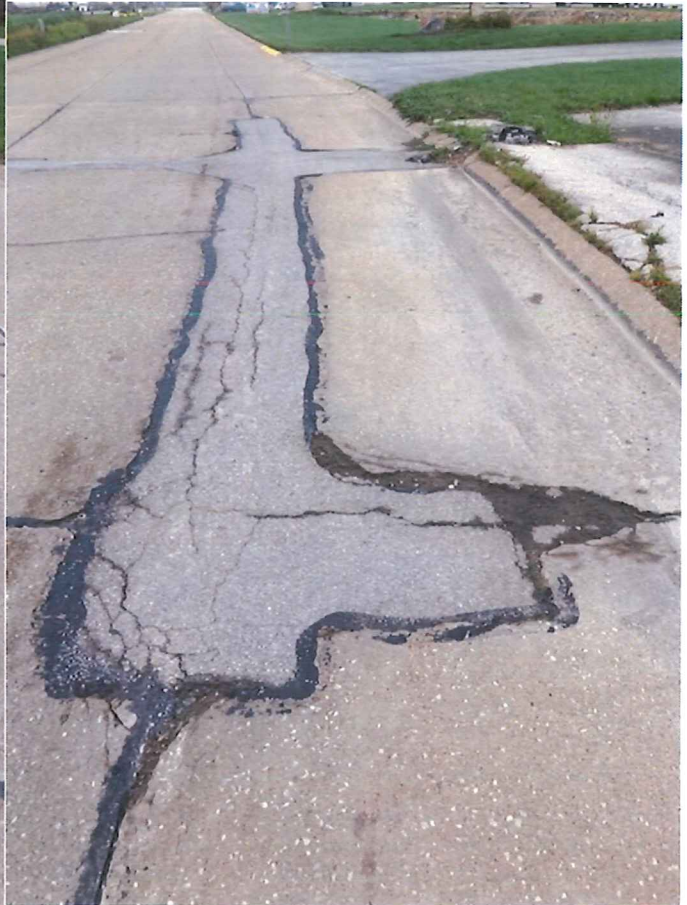
*ADDITIONAL SURVEY NEEDED AT THE PROJECT'S EAST END WHERE TRAILERS WERE PARKED DURING THE ORIGINAL SURVEY.

**TO BE DETERMINED AFTER PROJECT AWARD



Chad M. Lewis

**Sawmill Parkway:
Photos of Existing Conditions**











**CHIEF FINANCIAL OFFICER'S CERTIFICATION OF LOCAL FUNDS /
LOAN REPAYMENT LETTER**

September 9, 2020

I, Finance Director of the City of Huron, hereby certify that the City of Huron has / will have / will collect the amount of \$1,475,016 in the City of Huron Capital Improvement Fund and that this amount will be used to pay the local share for the City of Huron Sawmill Parkway Improvement Project when it is required.

{NOTE: If the application is for a loan or grant / loan combination the following paragraph is also required.}

I, Finance Director of the City of Huron, hereby certify that the City of Huron has / will have / will collect the amount of \$137,500 in the City of Huron Capital Improvement Fund and that this amount will be used to repay the Ohio Public Works Commission SCIP or RLP loan requested for the City of Huron Sawmill Parkway Improvement Project over a 30-year term.

Cory Swaisgood, CPA

Finance Director

City of Huron

RESOLUTION NO. 2020-55

Introduced by: Monty Tapp

A RESOLUTION AUTHORIZING THE INTERIM CITY MANAGER TO PREPARE AND SUBMIT AN APPLICATION TO PARTICIPATE IN THE OHIO PUBLIC WORKS COMMISSION STATE CAPITAL IMPROVEMENT AND/OR LOCAL TRANSPORTATION IMPROVEMENT PROGRAM(S) AND TO EXECUTE CONTRACTS AS REQUIRED RELATIVE TO THE SAWMILL PARKWAY IMPROVEMENT PROJECT.

WHEREAS, the State Capital Improvement Program and the Local Transportation Improvement Program both provide financial assistance to political subdivisions for capital improvements to public infrastructure, and

WHEREAS, the City of Huron is planning to make capital improvements to make roadway and storm sewer improvements to Sawmill Parkway, and

WHEREAS, the infrastructure improvement herein above described is considered to be a priority need for the community and is a qualified project under the OPWC programs.

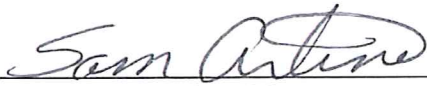
NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF HURON, OHIO:

SECTION 1. That the Interim City Manager is hereby authorized to apply to the OPWC for funds as described above.

SECTION 2. That the Interim City Manager is authorized to enter into any agreements as may be necessary and appropriate for obtaining this financial assistance.

SECTION 3. That this Council hereby finds and determines that all formal actions relative to the adoption of this Resolution were taken in an open meeting of this Council and that all deliberations of this Council and of its Committees, if any, which resulted in formal action, were taken in meetings open to the public in full compliance with applicable legal requirements, including O.R.C. §121.22

SECTION 3. That this resolution shall go into effect and be in full force and effect from and after the earliest date allowed by law.



Sam Artino, Mayor

Attest: 

Clerk of Council

Adopted: 25 AUG 2020



GPD GROUP®

Glaus, Pyle, Schomer, Burns & DeHaven, Inc.

GEOTECHNICAL ENGINEERING REPORT

**SAWMILL PARKWAY RECONSTRUCTION
ERIE COUNTY
HURON, OHIO**

Prepared For:

OHM ADVISORS

**ATTENTION:
CHAD LEWIS, P.E.**

GPD Project No. 2018821.73
August 8, 2018

Delbert J. Channels, P.E.
Director of Geotechnical Engineering



SECTION 1

1.0 Introduction

GPD Group is pleased to submit this Geotechnical Report for the aforementioned project. The purpose of this study was to obtain information on the subsurface conditions at the proposed project site and, based on this information, to provide geotechnical recommendations regarding the design and construction of pavements for the proposed improvements on Sawmill Parkway. A total of ten (10) borings extending to depths of approximately 5 feet below the existing ground surface were drilled at the site. Individual boring logs and a Boring Location Plan are attached.

1.1 Project Description

The site for the proposed project is located on Sawmill Parkway in Huron, Ohio, extending from Rye Beach Road to the eastern terminus (approximately 3,900 lineal feet). Sawmill Parkway is an existing industrial roadway with moderate to heavy truck traffic. A Site Location Map, Topographic Map and Satellite Photograph of the site are attached.

We understand that full-depth, full-width pavement replacement is being considered. The new pavement will likely be comprised of heavy-duty rigid concrete pavement sections subject to heavy truck traffic. Site grading is expected to approximately match existing site grades.

1.2 Purpose and Scope

The purposes of this report were to investigate subsurface conditions below the existing roadway and to provide geotechnical engineering recommendations for pavement design and construction. Specifically, the scope of work included the following:

- ❖ Conducting a field exploration program consisting of site reconnaissance and drilling sample borings at selected locations within the proposed pavement reconstruction area to explore subsurface conditions and collect soil samples.
- ❖ Conducting geotechnical engineering laboratory tests on sampled soils to assist with soil classifications and estimation of engineering properties.
- ❖ Develop geotechnical engineering recommendations for the design and construction of pavement sections.

Information from these tests was used in conjunction with field penetration test data to evaluate soil strength in-situ, volume change potential, and soil classification. Results of these tests are attached and provided on the boring logs.

2.3 Subsurface Conditions

Concrete Pavement - All Borings were drilled in the existing roadway with concrete thicknesses ranging from about 6.5 to 8.5 inches.

Aggregate Subbase – Crushed limestone subbase was found below the concrete pavement in all borings, except for Boring B-10. The thickness of the gravel subbase ranged from approximately 1 to 6 inches.

2.3.1 Pavement and Subbase Thickness

The approximate pavement thicknesses measured at each boring location are summarized in Table 1. The boring locations are shown on the attached Boring Location Plan.

Table 1: Approximate Pavement Thickness

Boring No.	Total Concrete Thickness (in)	Aggregate Subbase Thickness (in)
B-1	7.0	1.0
B-2	6.5	2.0
B-3	7.0	2.5
B-4	8.5	6.0
B-5	8.0	6.0
B-6	8.0	1.0
B-7	7.0	1.0
B-8	7.0	2.0
B-9	7.5	2.0
B-10	8.5	0

Stratum I – The pavement and associated subbase was predominantly underlain by brown and gray silty clay (CL) with varying amounts of sand and trace gravel extending to the termination of the borings at 5 feet below grade. N-values ranged from 5 to 24 blows per foot of penetration indicative of a medium stiff to very stiff consistency. The moisture content of the Stratum I soil was on the order of about 16% to 27% indicative of moist clayey soil.

It should be noted that Boring B-6 encountered damp sand and silt with minor organics below the pavement and subbase to a depth of approximately 20 inches. Silty clay resembling the Stratum I soil was encountered below the sand and silt.

The following report sections provide detailed recommendations regarding the geotechnical considerations presented above. In the event changes in the project design occur, GPD Group must review this report to determine if modifications to our recommendations are warranted.

3.2 Site Preparation

As part of this project, the existing pavements will be removed. It is anticipated that the removal of the existing pavements may cause significant disturbance to the underlying moisture sensitive clayey soils, especially if construction is conducted in the wetter seasons. In order to minimize the risk of unexpected construction issues and future cracking of the pavements, it is highly recommended that the stripping of the existing pavements, undercutting of unsuitable materials, selection of engineered fill and backfilling and compaction operations should be closely monitored by GPD Group on a full-time basis to verify that the disturbed areas are adequately repaired.

In addition to the removal of the pavements as discussed above all organic-containing soils, and any soft or otherwise unsuitable materials should be removed from the site. We recommend the actual removal depths required be determined by a representative of GPD Group during construction.

Subsequent to stripping the pavements; proof-rolling with heavy construction equipment such as a loaded tandem axle dump truck is recommended in fill areas to aid in locating unstable subgrade materials. Proofrolling is also recommended in cut areas, and areas left near existing grade after rough grading is completed. Unstable materials located by proofrolling should be removed and replaced with suitable compacted fill material.

It should be noted that the encountered clayey soils, are inherently moisture sensitive and susceptible to disturbance from construction activity, particularly if the soil has a high natural moisture content and/or is wetted by surface water or seepage. It is therefore recommended that construction activities be deferred to the drier seasons. Special care should be taken during the site grading operation to provide adequate site drainage and minimize disturbance of the subgrade soils. Heavy equipment traffic directly on bearing surfaces should be avoided in wet soil areas. It may also be necessary to aerate and recompact portions of the subgrade prior to placing additional fill or base stone.

As previously discussed, the existing subgrade soils sampled in our borings are moisture-sensitive and could become unstable beneath repetitive construction traffic or after a period of wet weather. Areas of unsuitable soil identified during proofrolling or subsequent construction operations will need to be stabilized. Based on our borings and our experience during construction of similar roadways, subgrade stabilization may be required to facilitate construction. Alternatives for subgrade stabilization could include the following:

Scarification and Recompaction - It may be feasible to scarify, dry, and recompact the exposed soils. The success of this procedure would depend primarily upon favorable weather and sufficient time to dry the soils. Even with adequate time and weather, however, stable subgrades may not be achievable if the thickness of the soft soil is greater than 1 to 1-1/2 feet.

Crushed Stone - The use of crushed stone or gravel could be used to improve subgrade stability. The thickness and type of crushed stone will depend upon the conditions encountered and the location of the area to be improved. GPD's on-site Quality Control representative will provide this information as needed. Typical undercut depths would range from 1/2 foot to 1-1/2 feet below finished subgrade elevation. The use of high modulus geotextiles (i.e., engineering fabric or geogrid) could also be considered after underground work such as utility

3.4.1 Rigid Concrete Pavement

Table 2 provides concrete pavement sections for light-duty and heavy-duty pavement

Table 2: Recommended Rigid Concrete Pavement Sections

RECOMMENDED THICKNESSES (INCHES)*	
PAVEMENT MATERIAL*	HEAVY-DUTY PAVEMENT SECTION
Concrete Pavement	8
Graded Aggregate Base (Item 304; ODOT Approved)	6

** Portland cement concrete should conform to ODOT guidelines and be adequately reinforced per ACI recommendations*

The minimum concrete pavement design sections should conform to standard specifications with an allowable construction tolerance of plus or minus 0.25 inches. The concrete should be air-entrained (5.5% ±1.5%) and have a minimum compressive strength of 4,500 psi after 28 days of laboratory curing per ASTM C-31. The concrete section should be supported on at least 6 inches of compacted graded aggregate base.

Layout of saw-cut control joints should form square panels, and the depth of saw-cut joints should be approximately ¼ of the concrete slab thickness. Joints should be spaced a maximum of 15 feet. The joints should be sawed within six (6) hours of concrete placement or as soon as the concrete has developed sufficient strength to support workers and equipment. Synthetic fiber may be utilized in approved mix designs but should not be intended to replace steel reinforcement. It is recommended that the concrete pavement be minimally reinforced with welded steel wire mesh in general accordance with ACI recommendations.

SECTION 4

4.0 Additional Design and Construction Considerations

4.1 Surface Drainage

Adequate drainage should be provided at the site to minimize any increase in moisture content of the subgrade soils. All pavement should be properly sloped and allowed to positively drain into storm water drains. Water should not be allowed to pond adjacent to the pavement edges.



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 www.delorme.com

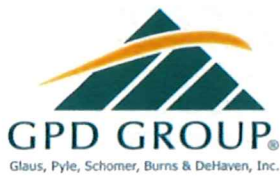


MN (7.9° W)



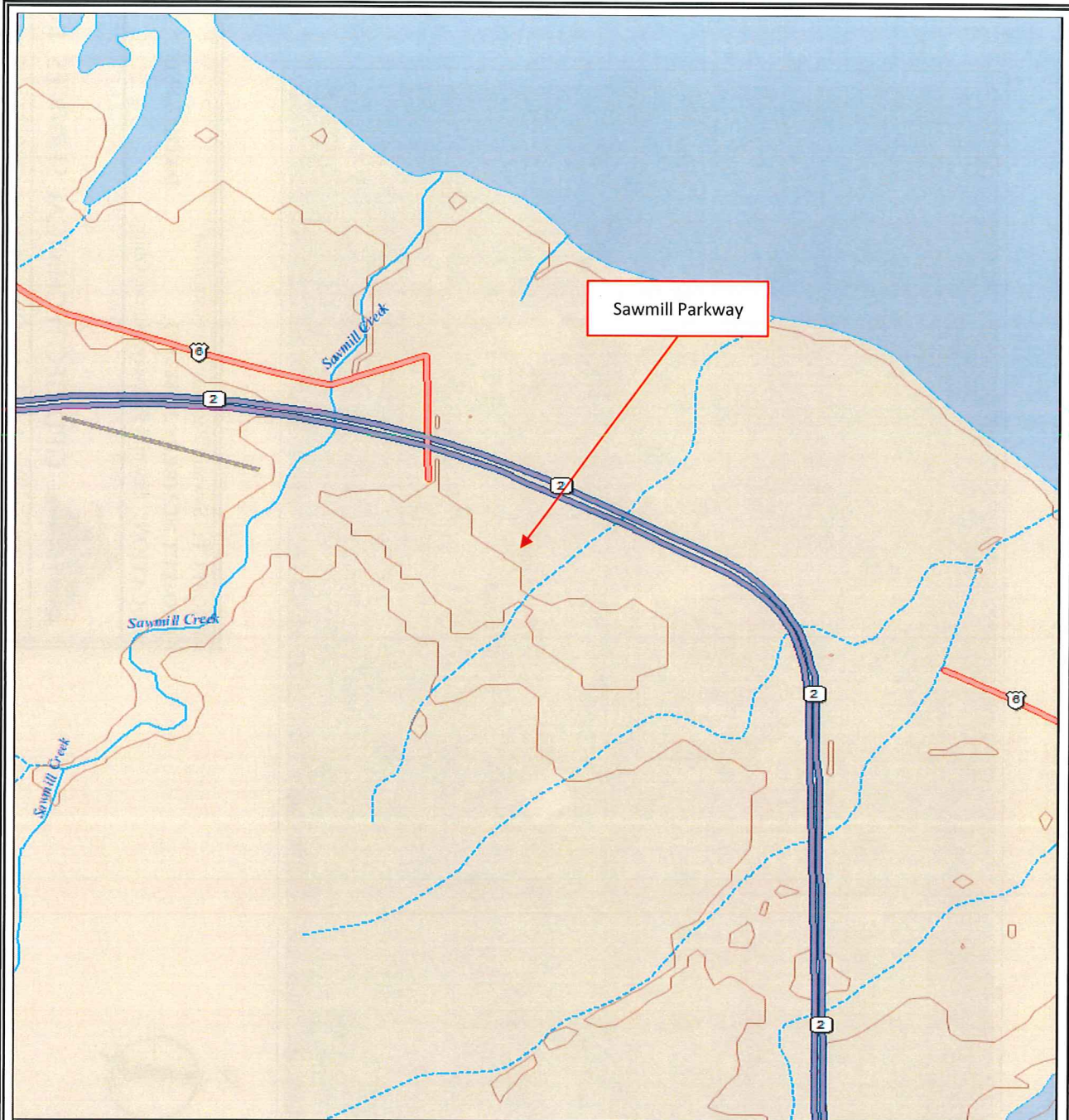
0 1/4 1/2 3/4 1 mi

Data Zoom 12-3



SITE LOCATION MAP

Sawmill Parkway Reconstruction
 Sawmill Parkway, Huron, Ohio
 GPD Project Number: 2018821.73
 Date: August 2018



 DeLORME

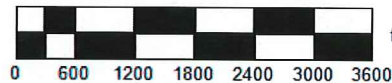
Data use subject to license.

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www.delorme.com



MN (7.8° W)



Data Zoom 13-1



TOPOGRAPHIC MAP

Sawmill Parkway Reconstruction

Sawmill Parkway, Huron, Ohio





GPD Project Number: 2018821.73

Date: August 2018

Boring Number: B-1

CLIENT <u>OHM Advisors</u>	PROJECT NAME <u>Sawmill Parkway Reconstruction</u>
PROJECT NUMBER <u>2018821.73</u>	PROJECT LOCATION <u>Sawmill Parkway, Huron, Ohio</u>
DATE STARTED <u>July 10, 2018</u> COMPLETED <u>July 10, 2018</u>	GROUND ELEVATION _____ HOLE SIZE <u>6 in</u>
DRILLING CONTRACTOR <u>GPD Geotechnical Services, Inc.</u>	GROUND WATER LEVELS:
DRILLING METHOD <u>Hollow Stem Auger - 2 1/4" ID</u>	AT TIME OF DRILLING <u>---None</u>
LOGGED BY <u>Nick Burgess</u> CHECKED BY <u>Thomas Kratz</u>	AT END OF DRILLING <u>---None</u>
NOTES <u>Simco 2400, ATV</u>	

CENTER TERMINATION NOTE - GINT STD US LAB.GDT - 8/6/18 15:06 - FIGPD.GILCHRIST\JOBS\2018\201882173 - SAWMILL PARKWAY\GEO\TECH\B-1 THROUGH B-10.GPJ

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS			FINES CONTENT (%)
								LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX	
0.0		7" CONCRETE.									
		1" CRUSHED LIMESTONE.									
		Damp, medium stiff to stiff, brown & gray, silty CLAY, trace of sand.	SS 1	83	2-3-3-4 (6)	4.0	20	39	18	21	
2.5		Damp, stiff to very stiff, brown & gray, silty CLAY, trace of sand & gravel.	SS 2	92	6-7-8-10 (15)	4.5	21				
5.0											

Boring terminated at 5.0 feet

Boring Number: B-3

CLIENT <u>OHM Advisors</u>	PROJECT NAME <u>Sawmill Parkway Reconstruction</u>
PROJECT NUMBER <u>2018821.73</u>	PROJECT LOCATION <u>Sawmill Parkway, Huron, Ohio</u>
DATE STARTED <u>July 10, 2018</u> COMPLETED <u>July 10, 2018</u>	GROUND ELEVATION _____ HOLE SIZE <u>6 in</u>
DRILLING CONTRACTOR <u>GPD Geotechnical Services, Inc.</u>	GROUND WATER LEVELS:
DRILLING METHOD <u>Hollow Stem Auger - 2 1/4" ID</u>	AT TIME OF DRILLING <u>---None</u>
LOGGED BY <u>Nick Burgess</u> CHECKED BY <u>Thomas Kratz</u>	AT END OF DRILLING <u>---None</u>
NOTES <u>Simco 2400, ATV</u>	

CENTER TERMINATION NOTE - GINT STD US LAB.GDT - 8/6/18 15:06 - F:\GPD_GILCHRIST\JOBS\2018\201882173 - SAWMILL PARKWAY\GEO\GEOB-1 THROUGH B-10.GPJ

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS			FINES CONTENT (%)
								LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX	
0.0		7" CONCRETE.									
		2.5" CRUSHED LIMESTONE.									
		Damp, medium stiff to stiff, brown & gray, silty CLAY, trace of sand.	SS 1	79	3-3-3-4 (6)	2.0	18	38	18	20	
2.5		Damp to moist, stiff, brown & gray, silty CLAY, trace of sand & gravel.	SS 2	75	4-4-5-7 (9)	2.5	22				
5.0											

Boring terminated at 5.0 feet

Boring Number: B-5

CLIENT OHM Advisors **PROJECT NAME** Sawmill Parkway Reconstruction
PROJECT NUMBER 2018821.73 **PROJECT LOCATION** Sawmill Parkway, Huron, Ohio
DATE STARTED July 10, 2018 **COMPLETED** July 10, 2018 **GROUND ELEVATION** _____ **HOLE SIZE** 6 in
DRILLING CONTRACTOR GPD Geotechnical Services, Inc. **GROUND WATER LEVELS:**
DRILLING METHOD Hollow Stem Auger - 2 1/4" ID **AT TIME OF DRILLING** ---None
LOGGED BY Nick Burgess **CHECKED BY** Thomas Kratz **AT END OF DRILLING** ---None
NOTES Simco 2400, ATV

CENTER TERMINATION NOTE - GINT STD US LAB.GDT - 8/6/18 15:06 - F:\GPD_GILCHRIST\JOBS\2018\201882173 - SAWMILL PARKWAY\GEO\GEOB-1 THROUGH B-10.GPJ




DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS			FINES CONTENT (%)
								LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX	
0.0		8" CONCRETE.									
		6" CRUSHED LIMESTONE.									
		Damp to moist, medium stiff to stiff, gray & black CLAY, minor organics.									
2.5			SS 1	42	4-3-3-3 (6)	2.0	19				
		Damp, stiff to very stiff, brown & gray, silty CLAY, trace of sand.									
5.0			SS 2	83	5-6-7-9 (13)	4.0	20				

Boring terminated at 5.0 feet

Boring Number: B-7

CLIENT <u>OHM Advisors</u>	PROJECT NAME <u>Sawmill Parkway Reconstruction</u>
PROJECT NUMBER <u>2018821.73</u>	PROJECT LOCATION <u>Sawmill Parkway, Huron, Ohio</u>
DATE STARTED <u>July 10, 2018</u> COMPLETED <u>July 10, 2018</u>	GROUND ELEVATION _____ HOLE SIZE <u>6 in</u>
DRILLING CONTRACTOR <u>GPD Geotechnical Services, Inc.</u>	GROUND WATER LEVELS:
DRILLING METHOD <u>Hollow Stem Auger - 2 1/4" ID</u>	AT TIME OF DRILLING <u>---None</u>
LOGGED BY <u>Nick Burgess</u> CHECKED BY <u>Thomas Kratz</u>	AT END OF DRILLING <u>---None</u>
NOTES <u>Simco 2400, ATV</u>	

CENTER TERMINATION NOTE - GINT STD US LAB.GDT - 8/6/18 15:06 - F:\GPD.GILCHRIST\JOBS\2018\201882173 - SAWMILL PARKWAY\GEO\TECH\B-1 THROUGH B-10.GPJ





DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS			FINES CONTENT (%)
								LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX	
0.0		7" CONCRETE.									
		1" CRUSHED LIMESTONE.									
		Damp, medium stiff to stiff, brown & gray, silty CLAY, trace of sand.	SS 1	50	3-3-5-7 (8)	4.0	19	42	19	23	
2.5		Damp to moist, very stiff, brown & gray, silty CLAY, some siltstone fragments.	SS 2	58	7-10-14-11 (24)	4.5	16				
5.0											

Boring terminated at 5.0 feet

Boring Number: B-9

CLIENT <u>OHM Advisors</u>	PROJECT NAME <u>Sawmill Parkway Reconstruction</u>
PROJECT NUMBER <u>2018821.73</u>	PROJECT LOCATION <u>Sawmill Parkway, Huron, Ohio</u>
DATE STARTED <u>July 10, 2018</u> COMPLETED <u>July 10, 2018</u>	GROUND ELEVATION _____ HOLE SIZE <u>6 in</u>
DRILLING CONTRACTOR <u>GPD Geotechnical Services, Inc.</u>	GROUND WATER LEVELS:
DRILLING METHOD <u>Hollow Stem Auger - 2 1/4" ID</u>	AT TIME OF DRILLING <u>---None</u>
LOGGED BY <u>Nick Burgess</u> CHECKED BY <u>Thomas Kratz</u>	AT END OF DRILLING <u>---None</u>
NOTES <u>Simco 2400, ATV</u>	

CENTER TERMINATION NOTE - GINT STD US LAB.GDT - 8/6/18 15:06 - F:\GPD.G\CHRIST\JOBS\2018\201882173 - SAWMILL PARKWAY\GEO\TECH\B-1 THROUGH B-10.GPJ

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS			FINES CONTENT (%)
								LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX	
0.0		7.5" CONCRETE.									
		2" CRUSHED LIMESTONE.									
		Damp to moist, medium stiff to stiff, brown & gray, silty CLAY, trace of sand.	SS 1	75	3-3-4-3 (7)	2.5	27	50	20	30	
2.5		Damp to moist, stiff, brown & gray, silty CLAY, minor sand & gravel.	SS 2	79	4-5-6-7 (11)	3.0	24				
5.0											

Boring terminated at 5.0 feet

GENERAL NOTES

SAMPLE IDENTIFICATION

The Unified Soil Classification System (USCS), AASHTO 1988 and ASTM designations D2487 and D-2488 are used to identify the encountered materials unless otherwise noted. Coarse-grained soils are defined as having more than 50% of their dry weight retained on a #200 sieve (0.075mm); they are described as: boulders, cobbles, gravel or sand. Fine-grained soils have less than 50% of their dry weight retained on a #200 sieve; they are defined as silts or clay depending on their Atterberg Limit attributes. Major constituents may be added as modifiers and minor constituents may be added according to the relative proportions based on grain size.

DRILLING AND SAMPLING SYMBOLS

SFA: Solid Flight Auger - typically 4" diameter flights, except where noted.	SS: Split-Spoon - 1 3/8" I.D., 2" O.D., except where noted.
HSA: Hollow Stem Auger - typically 3 1/4" or 4 1/4" I.D. openings, except where noted.	ST: Shelby Tube - 3" O.D., except where noted.
M.R.: Mud Rotary - Uses a rotary head with Bentonite or Polymer Slurry	BS: Bulk Sample
R.C.: Diamond Bit Core Sampler	PM: Pressuremeter
H.A.: Hand Auger	CPT-U: Cone Penetrometer Testing with Pore-Pressure Readings
P.A.: Power Auger - Handheld motorized auger	

SOIL PROPERTY SYMBOLS

N: Standard "N" penetration: Blows per foot of a 140 pound hammer falling 30 inches on a 2-inch O.D. Split-Spoon.
 N_{60} : A "N" penetration value corrected to an equivalent 60% hammer energy transfer efficiency (ETR)
 Q_u : Unconfined compressive strength, TSF
 Q_p : Pocket penetrometer value, unconfined compressive strength, TSF
 $w\%$: Moisture/water content, %
 LL: Liquid Limit, %
 PL: Plastic Limit, %
 PI: Plasticity Index = (LL-PL), %
 DD: Dry unit weight, pcf
 ∇, ∇, ∇ Apparent groundwater level at time noted

RELATIVE DENSITY OF COARSE-GRAINED SOILS

<u>Relative Density</u>	<u>N - Blows/foot</u>
Very Loose	0 - 4
Loose	4 - 10
Medium Dense	10 - 30
Dense	30 - 50
Very Dense	50 - 80
Extremely Dense	80+

ANGULARITY OF COARSE-GRAINED PARTICLES

<u>Description</u>	<u>Criteria</u>
Angular:	Particles have sharp edges and relatively plane sides with unpolished surfaces
Subangular:	Particles are similar to angular description, but have rounded edges
Subrounded:	Particles have nearly plane sides, but have well-rounded corners and edges
Rounded:	Particles have smoothly curved sides and no edges

GRAIN-SIZE TERMINOLOGY

<u>Component</u>	<u>Size Range</u>
Boulders:	Over 300 mm (>12 in.)
Cobbles:	75 mm to 300 mm (3 in. to 12 in.)
Coarse-Grained Gravel:	19 mm to 75 mm (3/4 in. to 3 in.)
Fine-Grained Gravel:	4.75 mm to 19 mm (No.4 to 3/4 in.)
Coarse-Grained Sand:	2 mm to 4.75 mm (No.10 to No.4)
Medium-Grained Sand:	0.42 mm to 2 mm (No.40 to No.10)
Fine-Grained Sand:	0.075 mm to 0.42 mm (No. 200 to No.40)
Silt:	0.005 mm to 0.075 mm
Clay:	<0.005 mm

PARTICLE SHAPE

<u>Description</u>	<u>Criteria</u>
Flat:	Particles with width/thickness ratio > 3
Elongated:	Particles with length/width ratio > 3
Flat & Elongated:	Particles meet criteria for both flat and elongated

RELATIVE PROPORTIONS OF FINES

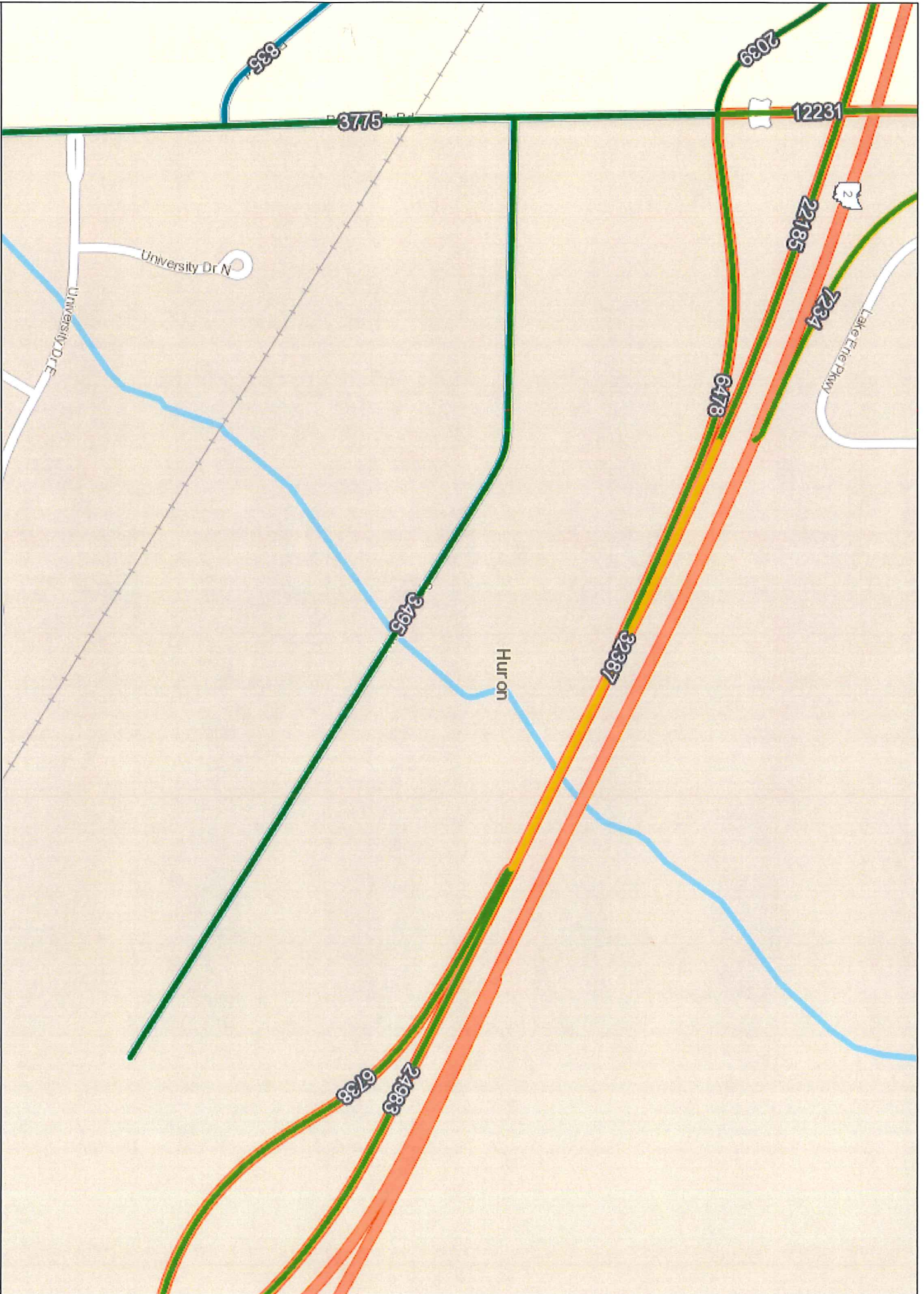
<u>Descriptive Term</u>	<u>% Dry Weight</u>
Trace:	< 5%
With:	5% to 12%
Modifier:	>12%

TIMS

TRANSPORTATION
INFORMATION
MAPPING SYSTEM

This file was generated by the Transportation Information Mapping System from the Ohio Department of Transportation (ODOT). ODOT does not make any warranty and does not assume any legal liability or responsibility for the accuracy, completeness, or usefulness of the data provided herein. Any use of this information is at the recipients own risk.

Date: 9/9/2020





August 31, 2020

Re: Letter of Support for the Sawmill Parkway Improvement Project.

To whom it may concern:

The Huron Chamber of Commerce would like to offer our full support of the City of Huron's efforts to acquire OPWC and EDA/Cares Act, or any other available funding for the Sawmill Parkway Improvement Project.

The condition of Sawmill Parkway has been an issue that has affected many current businesses and opportunities for additional businesses for many years. The deterioration of the roadway and lack of full storm sewer infrastructure is an impediment to business traffic in a development that supports the bulk of the City of Huron's commercial and industrial businesses and employment providers. The improvements to the roadway are necessary to maintain this important business corridor and support future economic growth and job creation.

Sincerely,

Amy L. Roldan

Executive Director
Huron Chamber of Commerce

202 Cleveland Road W., Huron, Ohio 44839

(419) 433-5700

Chamber@Huron.net

www.Huron.net



Doug Green

From: patrick lagando <plagando@hotmail.com>
Sent: Thursday, September 3, 2020 10:48 AM
To: Doug Green
Subject: Re: Sawmill Parkway Improvements Support Letter

To whom it may concern:

As the owner of 1808 Sawmill Parkway Huron, Ohio I would like to offer my full support of the City of Huron's efforts to acquire OPWC and EDA/Cares Act, or any other available funding for The Sawmill Parkway Improvement Project.

This project is long overdue and the condition of Sawmill Parkway has been an issue that has not only affected mine but all businesses along the corridor for many years. This parkway supports the bulk of the City of Huron's commercial and Industrial businesses and employment providers.

The deterioration of the roadway and lack of full storm sewer infrastructure causes flooding and ice jams that impede business traffic and induce unsafe travel. Without the necessary improvements I'm certain this will continue to stifle future economic growth and job creation.

Respectfully,

Patrick J. Lagando

Sent from my Verizon LG Smartphone



ENTERPRISES, INC.
BROKERAGE SERVICES



5003 Milan Rd.
Sandusky, OH 44870
419-609-7000
419-609-7263 (Fax)
www.hoty.com

September 1, 2020

Re: Letter of Support for the Sawmill Parkway
Improvement Project

To Whom It May Concern:

I am the Manager of 2401 Sawmill Properties, Ltd., owner of 2401 Sawmill Parkway. I would like to offer my full support to the City of Huron's efforts to acquire OPWC and EDA/Cares Act, or any other available funding, for the Sawmill Parkway Improvement Project.

The condition of Sawmill Parkway has been an issue that has affected our business and others along the corridor for many years. The deterioration of the roadway and lack of full storm sewer infrastructure is an impediment to business traffic in a development that supports the bulk of the City of Huron's commercial and industrial businesses and employment providers. The improvements to the roadway are necessary to maintain this important business corridor and support future economic growth and job creation.

Sincerely yours,

2401 SAWMILL PARKWAY, LTD.

John M. Hoty, Manager

JMH/ljs



ENTERPRISES, INC.
BROKERAGE SERVICES



5003 Milan Rd.
Sandusky, OH 44870
419-609-7000
419-609-7263 (Fax)
www.hoty.com

August 31, 2020

Re: Letter of Support for the Sawmill Parkway Improvement Project.

To whom it may concern:

As the owner of 2401 Sawmill Parkway in Huron, Ohio, we would like to offer our full support of the City of Huron's efforts to acquire OPWC and EDA/Cares Act, or any other available funding for the Sawmill Parkway Improvement Project.

Our property consists of a center that leases to several businesses. The condition of Sawmill Parkway has been an issue that has affected our ability to lease units in our center and we know it has affected our tenants and others along the corridor for many years. The deterioration of the roadway and lack of full storm sewer infrastructure is an impediment to business traffic in a development that supports the bulk of the City of Huron's commercial and industrial businesses and employment providers. The improvements to the roadway are necessary to maintain this important business corridor and support future economic growth and job creation.

Sincerely,

A handwritten signature in blue ink, appearing to read "Kula Hoty Lynch", is written over a light blue circular scribble.

Kula Hoty Lynch

5 Crooks LLC
2501 Sawmill Parkway
Huron, OH 44839

August 27, 2020

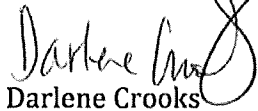
Re: Letter of Support for the Sawmill Parkway Improvement Project.

To whom it may concern:

As the owner of 2501 Sawmill Parkway, we would like to offer our full support of the City of Huron's efforts to acquire OPWC and EDA/Cares Act, or any other available funding for the Sawmill Parkway Improvement Project.

The condition of Sawmill Parkway has been an issue that has affected our business and others along the corridor for many years. The deterioration of the roadway and lack of full storm sewer infrastructure is an impediment to business traffic in a development that supports the bulk of the City of Huron's commercial and industrial businesses and employment providers. The improvements to the roadway are necessary to maintain this important business corridor and support future economic growth and job creation.

Sincerely,


Darlene Crooks



August 27, 2020

Re: Letter of Support for the Sawmill Parkway Improvement Project.

To whom it may concern:

As the owner of 608 Rye Beach Road (our building sits on the corner of Rye Beach Road and Sawmill Parkway), we would like to offer our full support of the City of Huron's efforts to acquire OPWC and EDA/Cares Act, or any other available funding for the Sawmill Parkway Improvement Project.

The condition of Sawmill Parkway has been an issue that has affected our business and others along the corridor for many years. The deterioration of the roadway and lack of full storm sewer infrastructure is an impediment to business traffic in a development that supports the bulk of the City of Huron's commercial and industrial businesses and employment providers. The improvements to the roadway are necessary to maintain this important business corridor and support future economic growth and job creation.

Sincerely,

A handwritten signature in black ink, appearing to read "Darlene Crooks". The signature is fluid and cursive, with a large, sweeping flourish at the end.

Darlene Crooks
President

Label Aid Inc.
608 Rye Beach Road
Huron, OH 44839

September 28, 2020

Re: Letter of Support for the Sawmill Parkway Improvement Project.

To whom it may concern:

As the owner of 1809 Sawmill Parkway, we would like to offer our full support of the City of Huron's efforts to acquire OPWC and EDA/Cares Act, or any other available funding for the Sawmill Parkway Improvement Project.

The condition of Sawmill Parkway has been an issue that has affected our business and others along the corridor for many years. The deterioration of the roadway and lack of full storm sewer infrastructure is an impediment to business traffic in a development that supports the bulk of the City of Huron's commercial and industrial businesses and employment providers. The improvements to the roadway are necessary to maintain this important business corridor and support future economic growth and job creation.

Sincerely,

A handwritten signature in black ink that reads "Randy Law". The signature is written in a cursive style with a large, stylized initial "R".

Randy Law

Owner

Law Brothers Autobody.

September 1, 2020

Re: Letter of Support for the Sawmill Parkway Improvement Project.

To whom it may concern:

As the owner of 1529 Sawmill Parkway, we would like to offer our full support of the City of Huron's efforts to acquire OPWC and EDA/Cares Act, or any other available funding for the Sawmill Parkway Improvement Project.

The condition of Sawmill Parkway has been an issue that has affected our business and others along the corridor for many years. The deterioration of the roadway and lack of full storm sewer infrastructure is an impediment to business traffic in a development that supports the bulk of the City of Huron's commercial and industrial businesses and employment providers. The improvements to the roadway are necessary to maintain this important business corridor and support future economic growth and job creation.

Sincerely,



Kenneth Parschauer
Member
Nice Barn, LLC



September 4, 2020

Re: Letter of Support for the Sawmill Parkway Improvement Project.

To whom it may concern:

As the tenant of 1711 Sawmill Parkway, we would like to offer our full support of the City of Huron's efforts to acquire OPWC and EDA/Cares Act, or any other available funding for the Sawmill Parkway Improvement Project.

The condition of Sawmill Parkway has been an issue that has affected our business and others along the corridor for many years. The deterioration of the roadway and lack of full storm sewer infrastructure is an impediment to business traffic in a development that supports the bulk of the City of Huron's commercial and industrial businesses and employment providers. The improvements to the roadway are necessary to maintain this important business corridor and support future economic growth and job creation.

Sincerely,

Eric Rosen

Eric Rosen

Director of Eastern Operations

Parts Authority LLC.

September 28, 2020

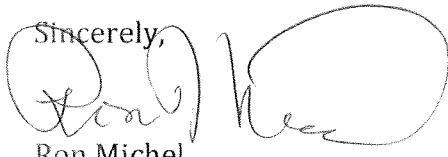
Re: Letter of Support for the Sawmill Parkway Improvement Project.

To whom it may concern:

As the tenant of 1811 Sawmill Parkway, we would like to offer our full support of the City of Huron's efforts to acquire OPWC and EDA/Cares Act, or any other available funding for the Sawmill Parkway Improvement Project.

The condition of Sawmill Parkway has been an issue that has affected our business and others along the corridor for many years. The deterioration of the roadway and lack of full storm sewer infrastructure is an impediment to business traffic in a development that supports the bulk of the City of Huron's commercial and industrial businesses and employment providers. The improvements to the roadway are necessary to maintain this important business corridor and support future economic growth and job creation.

Sincerely,

A handwritten signature in black ink, appearing to read "Ron Michel". The signature is written in a cursive style with a large, prominent "R" and "M".

Ron Michel

President

Cornerstone Custom Cabinets, Inc.

September 1, 2020

Re: Letter of Support for the Sawmill Parkway Improvement Project.

To whom it may concern:

As the tenant of 1705 Sawmill Parkway, we would like to offer our full support of the City of Huron's efforts to acquire OPWC and EDA/Cares Act, or any other available funding for the Sawmill Parkway Improvement Project.

The condition of Sawmill Parkway has been an issue that has affected our business and others along the corridor for many years. The deterioration of the roadway and lack of full storm sewer infrastructure is an impediment to business traffic in a development that supports the bulk of the City of Huron's commercial and industrial businesses and employment providers. The improvements to the roadway are necessary to maintain this important business corridor and support future economic growth and job creation.

Sincerely,

A handwritten signature in black ink, appearing to read 'Chad Eckler', written in a cursive style.

Chad Eckler

Panel Shop Manager / Electrical Engineer

Matrix Automation

September, 2020

Re: Letter of Support for the Sawmill Parkway Improvement Project.

To whom it may concern:

As the owner of 1611 Sawmill Parkway, we would like to offer our full support of the City of Huron's efforts to acquire OPWC and EDA/Cares Act, or any other available funding for the Sawmill Parkway Improvement Project.

The condition of Sawmill Parkway has been an issue that has affected our business and others along the corridor for many years. The deterioration of the roadway and lack of full storm sewer infrastructure is an impediment to business traffic in a development that supports the bulk of the City of Huron's commercial and industrial businesses and employment providers. The improvements to the roadway are necessary to maintain this important business corridor and support future economic growth and job creation.

Sincerely,

T. W. Mac

Three Seasons Partners
+ South Shore Marina

1603, 1605, 1607, 1611

Sawmill Pkwy -

#

September 4, 2020

Re: Letter of Support for the Sawmill Parkway Improvement Project.

To whom it may concern:

As the owner of 1535 Sawmill Parkway, we would like to offer our support of the City of Huron's efforts to acquire OPWC and EDA/Cares Act, or any other available funding for the Sawmill Parkway Improvement Project.

The condition of Sawmill Parkway is horrendously poor. The concrete has "pillowed" to the extent that vehicles buck up and down in a most unpleasant and uncomfortable manor. Then there also is the fact that the city has done it's best to try and repair the huge amount of pot holes that exist. The deterioration of the roadway and lack of full storm sewer infrastructure is an impediment to business traffic in a development that supports the bulk of the City of Huron's commercial and industrial businesses and employment providers. The improvements to the roadway are necessary to maintain this important business corridor and support future economic growth and job creation.

Sincerely,

Al Sentyel

CEO

Superior Engineering

1535 Sawmill Pkwy.

Huron, OH 44839#

#



September 10th, 2020

Timothy Schumm, P.E., P.S.
District Chair, OPWC District 5
65 East State Street, Suite 312
Columbus, Ohio 43215

RE: City of Huron – Funding Request for Sawmill Parkway

Dear Mr. Schumm,

I wish to express support for the City of Huron's application to the Ohio Public Works Commission for public infrastructure funding geared towards the reconstruction of Sawmill Parkway, home to the City's Industrial Park.

Sawmill Parkway is home to a diverse business base, ranging from manufacturing, logistics, and high-end marine sales. The proposed investment will create an environment conducive to further private investment efforts. The corridor is major economic driver for the City with additional opportunity in underdeveloped or vacant sites. The state of the current infrastructure is a significant impediment towards future growth and expansion efforts. In my capacity as Executive Director of the Erie County Economic Development Corporation, I'm working with the City to facilitate a new business venture on Sawmill Parkway that will result in the revitalization of a recently vacated 300,000 sq. ft. industrial building. The new project is in a high-growth industry (e-commerce logistics equipment) and is estimated to bring 200-300 jobs once at scale. The current state of the infrastructure has been considered a barrier to growth for former tenants and to prospective tenants as we look to finalize this deal.

The City is working diligently to maximize the investment through cohesive Federal and State economic development funding opportunities. A significant source of revenue for the City is income tax derived from employment and profit of companies located within its jurisdiction. These dollars are what's used for investment in public infrastructure. With the recent closure of our largest employer, IAC Huron – an automotive supplier, and the COVID-19 pandemic, the City's ability to fund major public infrastructure projects such as this has become more difficult.

Approval of this application will enhance the overall economic vitality of the region by both encouraging the redevelopment of an existing vacant industrial facility and affording additional opportunities for future investment and job growth. I appreciate your thoughtful consideration of the City of Huron's funding application.

A handwritten signature in blue ink that reads "Abbey Bemis".

Abbey Bemis, Executive Director

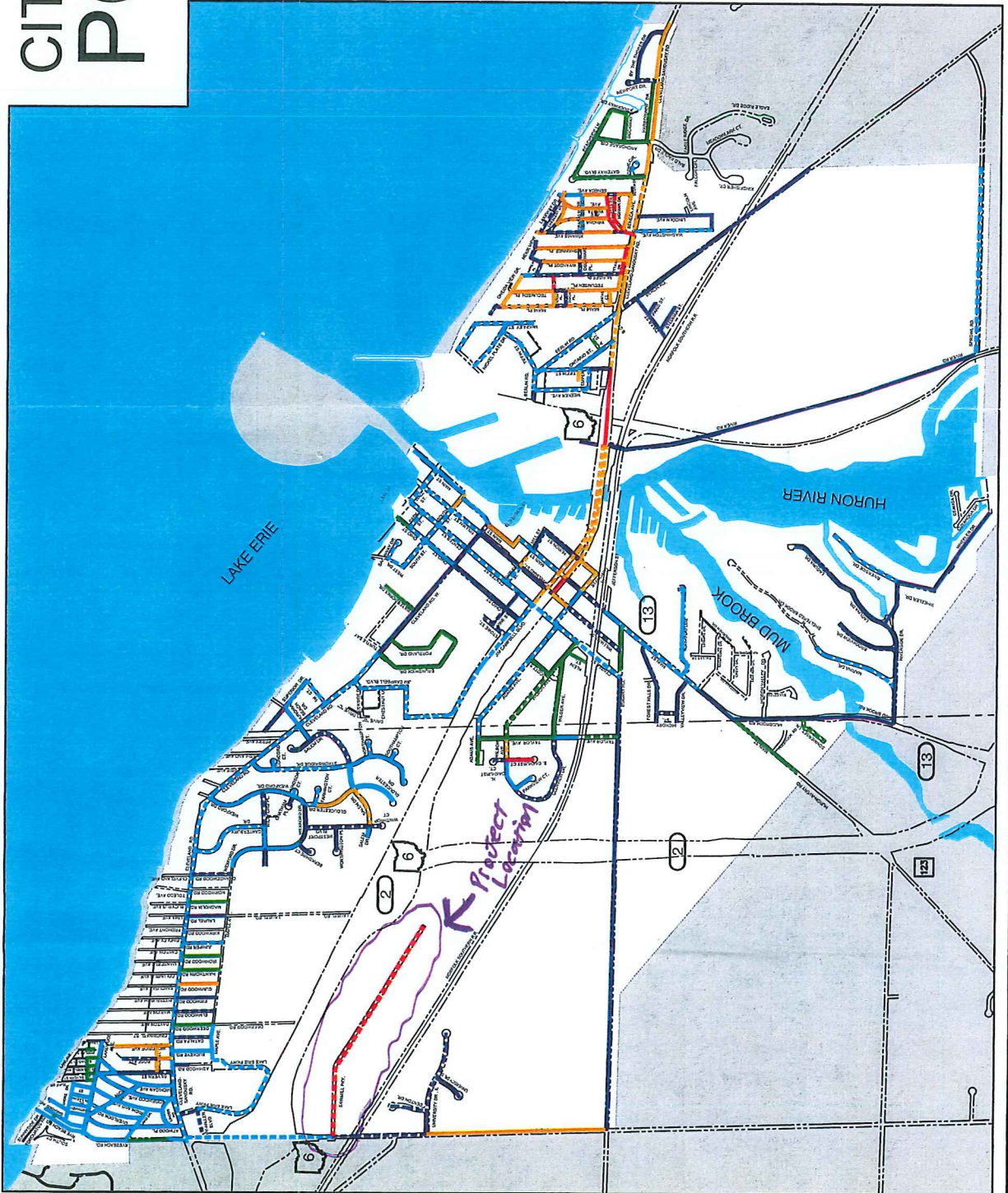
District 5
Capital Improvement Project
Priority Rating Sheet, Round 35

COUNTY: **201E** PROJECT NUMBER:
PROJECT: **Sawmill Parkway Improvement Project**
EST. COST:

No.	"A" WEIGHT FACTOR	CRITERIA TO BE CONSIDERED	"B" PRIORITY FACTORS					"A" x "B"	PRIORITY FACTORS						No.	
			0	2	4	6	8		10	0	2	4	6	8		10
1	1	(REPAIR OR REPLACE) vs. (NEW OR EXPANSION)						10	0%+	20%+	40%+	60%+	80%+	100%+	1	
									Repair or Replacement	Repair or Replacement	Repair or Replacement	Repair or Replacement	Repair or Replacement	Repair or Replacement		
2A	1	EXISTING PHYSICAL CONDITION Please refer to Criteria #2 of the Round 35 Scoring Methodology. Must submit substantiating documentation. (100% New or Expansion = 0 Points)						10	0	2	4	6	8	10	2A	
									Excellent	Good	Fair	Fading	Poor	Failing		
2B	1	AGE						5	Type	0	1	2	3	4	5	2B
									Road	0-4 Yrs	5-8 Yrs	9-12 Yrs	13-16 Yrs	17-20 Yrs	20+ Yrs	
									Wastewater	0-6 Yrs	7-12 Yrs	13-18 Yrs	19-24 Yrs	25-30 Yrs	30+ Yrs	
									Bridge/Culvert, Sanitary Sewer, Water Supply, Storm Water, Solid Waste	0-10 Yrs	11-20 Yrs	21-30 Yrs	31-40 Yrs	41-50 Yrs	50+ Yrs	
3	2	PUBLIC HEALTH AND/OR SAFETY CONCERNS Submittals without supporting documentation will receive 0 points for this question.						12	0	2	4	6	8	10	3	
									No Impact	Minimal	Moderate	Major	Critical	Extremely Critical		
4	2	LOCAL MATCHING FUNDS Percentage of Local Share (Local funds are funds derived from the applicant budget or a loan to be paid back through the applicant budget, assessments, rates or tax revenues)*						20	0	2	4	6	8	10	4	
									0%	10%	20%	30%	40%	50%		
5	1	OTHER FUNDING (Excluding Issue II Funds) (Grants and other revenues not contributed or collected through taxes by the applicant, including Gifts, Contributions, etc. - must submit copy of award or status letter.)						0	0%	10%	20%	30%	40%	50%	5	
6	2	OPWC GRANT AND LOAN FUNDS REQUESTED Please refer to Criteria #6 of the Round 35 Methodology for clarification.						18	-9	-8	0	8	9	10	6	
		Grant or Loan Only							\$500,001 or more	\$400,001 to \$500,000	\$325,001 to \$400,000	\$275,001 to \$325,000	\$175,001 to \$275,000	\$175,000 or less	6	
		Grant/Loan Combination							\$750,000 or more	\$600,001 to \$750,000	\$487,501 to \$600,000	\$412,501 to \$487,500	\$262,501 to \$412,500	\$262,500 or less	6	
When scoring a project that is only grant or only loan. Please use the chart labeled "Grant or Loan Only". When scoring a grant/loan combination, score the project for the grant in the first chart, then use the second chart labeled "Grant/Loan Combination" to score the total (grant and loan combined). Use the lower of the two as the score.																
7	1	JOB CREATION/RETENTION Indicate full time equivalent jobs, include supporting documentation in the form of a commitment letter from business or third party entity.						6	0-6 Jobs	7-14 Jobs	15-24 Jobs	25+ Jobs			7	
8	1	BENEFIT TO EXISTING USERS (households or traffic counts) Excludes existing utility connections. Traffic Counts within two years with certified documentation, etc.						10	0-99 Users	100-349 Users	350-499 Users	500-749 Users	750-1000 Users	1000+ Users	8	
9	1	ECONOMIC DISTRESS Local MHI as a percentage of the District Median MHI						0	100%+	80%-100%	Less Than 80%			9		
10	1	READINESS TO PROCEED						1	Plans Not Begun Yet	Preliminary Engineering Complete	Final Design Complete			10		
11		SUBTOTAL RANKING POINTS (MAX. = 115)						92	Other Info: Does this project have a significant impact on productive farmland? YES NO Attach impact statement if yes. Is the Applicant ready to proceed to bids after State Approval within 6 months? YES NO							
12		COUNTY SUBCOMMITTEE PRIORITY POINTS (25-20-15)							District Discretionary Point may be awarded to projects that demonstrate significant Area-wide, County, or Community Impact. Include documentation to support the claim of significance.							
13A		DISCRETIONARY POINTS (BY DISTRICT ONLY) (MAX.=1)							District Discretionary Point may be awarded to projects that demonstrate that the entity has maximized financial resources including assessments and utility rate structure.							
13B		DISCRETIONARY POINTS (BY DISTRICT ONLY) (MAX.=1)														
14		GRAND TOTAL RANKING POINTS														

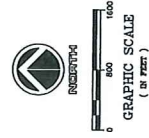
* Applicants must certify local and other share contributions. Specify, all funding sources to be utilized as local share at the time of application submittal.

CITY OF HURON PCR MAP



2020 STREET CONDITION RATINGS

OPWC Rating	OHM Rating	PCR Scale
EXCELLENT	10	100-98
EXCELLENT	9	97-95
GOOD	8	94-90
GOOD	7	89-80
FAIR	6	79-70
FAIR	5	69-60
POOR	4	59-50
POOR	3	49-40
CRITICAL	2	39-30
CRITICAL	1	29-0

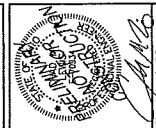


CITY OF HURON
HURON
 PRESERVE & PROTECT

PREPARED BY: **OHM**
 OFFICE: HURON TOWN
 655 CANTON ST. 2ND
 CLEVELAND, OH 44115
 (216) 421-1000
 OHMINDUSTRIAL.COM

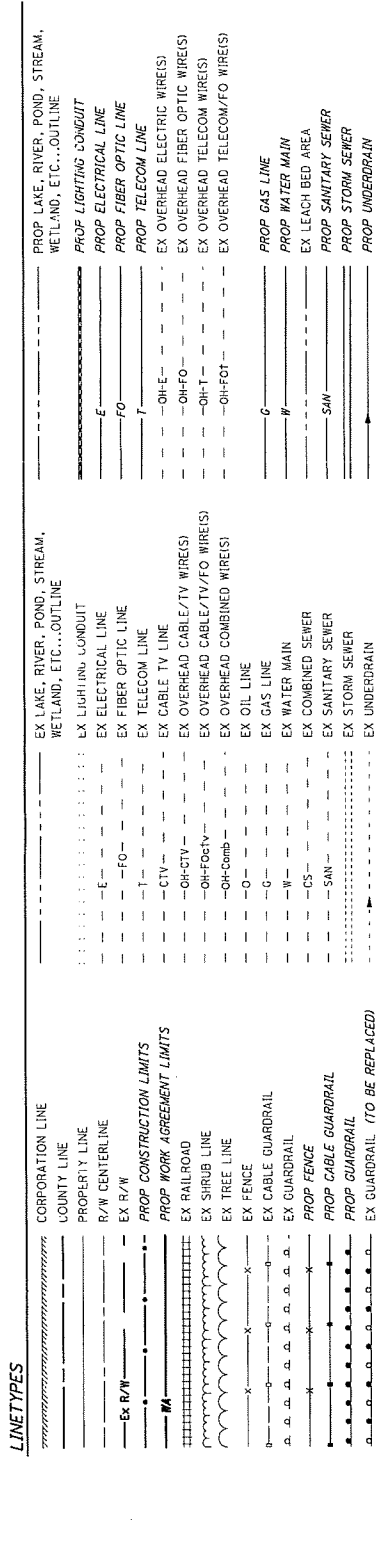
DATE: 5/4/2020
 SHEET: _____

THE CITY ENGINEER'S OFFICE HAS REVIEWED THIS MAP FOR TECHNICAL ACCURACY AND COMPLIANCE WITH THE PUBLIC UTILITIES ACT, R.S. 11-1-1 TO 11-1-10. THE CITY ENGINEER'S OFFICE DOES NOT WARRANT THE ACCURACY OF THE DATA PROVIDED BY THE CITY ENGINEER'S OFFICE OR THE CITY ENGINEER'S OFFICE'S LIABILITY FOR ANY DAMAGE OR INJURY TO PERSONS OR PROPERTY ARISING FROM THE USE OF THIS MAP.



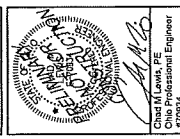
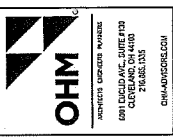
Chris M. M...
Ohio Professional Engineer
#10420

- GENERAL UTILITY LABEL INFO**
- (---XX) DUPLICATE EX STORM/SANITARY
 - (---XX) DUPLICATE PROP STORM/SANITARY
 - (---XX) DUPLICATE WATER WORK
- GENERAL LABEL INFO & ABBREVIATIONS**
- (---) DRIVEWAY
 - (TBA) TO BE ABANDONED
 - (TBR) TO BE REMOVED
 - (ADJ) ADJUST TO GRADE
- WATERMAIN LABELS**
- (W1-****) PROP WATERMAIN
 - (W2-****) PROP WATER SERVICE LINE
 - (W3-****) PROP WATER HYDRANT
 - (W4-****) PROP WATER VALVE
 - (W5-****) PROP WATER WORK ITEM
 - (W6-****) EX WATER WORK ITEM (ADJ TO GRADE)
 - (W7-****) EX WATER WORK ITEM (TO BE REMOVED)
 - (W8-****) EX WATER WORK ITEM (TO BE ABANDONED)
- STORM LABELS**
- (S1-XX) EX STORM SEWER
 - (S2-XX) PROP STORM SEWER
 - (S3-XX) EX STORM STRUCTURE
 - (S4-XX) PROP STORM STRUCTURE
 - (S5-XX) PROP HEADWALL
 - (S6-XX) EX STORM STRUCTURE (ADJ TO GRADE)
 - (S7-XX) EX STORM ITEM (TO BE REMOVED)
 - (S8-XX) EX STORM ITEM (TO BE ABANDONED)
- SANITARY LABELS**
- (SA-XX) EX SANITARY SEWER
 - (SE-XX) EX COMBINED SEWER
 - (SF-XX) PROP SANITARY SEWER
 - (SS-XX) EX SANITARY STRUCTURE
 - (S-XX) PROP SANITARY STRUCTURE
 - (S2-XX) EX SANITARY STRUCTURE (ADJ TO GRADE)
 - (S3-XX) EX SANITARY ITEM (TO BE REMOVED)
 - (S4-XX) EX SANITARY ITEM (TO BE ABANDONED)



- SYMBOLS**
- ⊙ BENCHMARK
 - ⊠ EX MONUMENT BOX
 - ⊠ PROP MONUMENT BOX
 - ⊙ EX IRON PIN FOUND - NO ID
 - ⊙ EX IRON PIN FOUND - WITH ID
 - ⊙ EX IRON PIPE FOUND
 - ⊙ EX IRON PIN SET - WITH ID
 - ⊙ EX PK NAIL FOUND
 - ⊙ EX LARGE ROCK
 - ⊙ EX AIR CONDITIONER
 - ⊙ EX STATIONARY BEO GRILL
 - ⊙ EX YARD LIGHT
 - ⊙ EX FLAG POLE
 - ⊙ EX MAIL BOX
 - ⊙ EX PAPER BOX
 - ⊙ EX PARKING METER
 - ⊙ EX POST
 - ⊙ EX SPRINKLER HEAD
 - ⊙ EX TREE
 - ⊙ EX SHRUB
 - ⊙ EX EVERGREEN TREE
 - ⊙ EX STUMP
 - ⊙ EX SIGNAL PEDESTAL POLE
 - ⊙ PROP SIGNAL PEDESTAL POLE
 - ⊙ EX SIGNAL STRAIN/SUPPORT POLE
 - ⊙ PROP SIGNAL STRAIN/SUPPORT POLE
 - ⊙ EX SIGNAL PULL BOX
 - ⊙ PROP SIGNAL PULL BOX
 - ⊙ EX SIGNAL/TRAFFIC MH
 - ⊙ EX SIGNAL/TRAFFIC MH (ADJ TO GRADE)
 - H + EX SINGLE POST SIGNS
 - H + EX DOUBLE POST SIGNS
 - H + EX TRIPLE POST SIGNS
 - ==# EX POST(S) 4 SIGNS
 - ==# PROP POST(S) 4 SIGNS
 - ⊙ EX LIGHT POLE
 - ⊙ PROP LIGHT POLE
 - ⊙ EX LIGHTING PULL BOX
 - ⊙ PROP LIGHTING PULL BOX
 - ⊙ EX POWER POLE
 - ⊙ PROP POWER POLE
 - ⊙ EX POWER & LIGHT POLE
 - ⊙ PROP POWER & LIGHT POLE
 - ⊙ EX ELECTRIC METER
 - ⊙ EX ELECTRIC PULL BOX
 - ⊙ PROP ELECTRIC PULL BOX
 - ⊙ EX ELECTRIC MH
 - ⊙ PROP ELECTRIC MH
 - ⊙ EX TRANSFORMER
 - ⊙ EX TELECOM POLE
 - ⊙ PROP TELECOM POLE
 - ⊙ EX TELECOM & LIGHT POLE
 - ⊙ PROP TELECOM & LIGHT POLE
 - ⊙ EX TELECOM, LIGHT, & POWER POLE
 - ⊙ PROP TELECOM, LIGHT, & POWER POLE
 - ⊙ EX TELECOM & POWER POLE
 - ⊙ PROP TELECOM & POWER POLE
 - ⊙ EX UNKNOWN UTILITY POLE
 - ⊙ EX CUTWIRE ANCHOR
 - ⊙ EX GAS VALVE
 - ⊙ PROP GAS VALVE
 - ⊙ EX GAS SERVICE STOP
 - ⊙ PROP GAS SERVICE STOP
 - ⊙ EX GAS METER
 - ⊙ EX GAS LINE MARKER
 - ⊙ EX GAS MH
 - ⊙ EX GAS WELL
 - ⊙ EX SEPTIC TANK
 - ⊙ EX SANITARY MH
 - ⊙ EX SANITARY MH (ADJ TO GRADE)
 - ⊙ PROP SANITARY MH
 - ⊙ EX STORM CB
 - ⊙ EX STORM CB (ADJ TO GRADE)
 - ⊙ PROP STORM CB
 - ⊙ EX STORM INLET
 - ⊙ PROP STORM INLET
 - ⊙ EX WATER METER
 - ⊙ PROP WATER METER
 - ⊙ EX WATER GATE VALVE
 - ⊙ PROP WATER GATE VALVE
 - ⊙ EX WATER SERVICE STOP
 - ⊙ PROP WATER SERVICE STOP
 - ⊙ EX WATER HYDRANT
 - ⊙ PROP WATER HYDRANT
 - ⊙ EX WATER MH
 - ⊙ EX WATER MH (ADJ TO GRADE)
 - ⊙ PROP WATER MH
 - ⊙ EX STORM MH
 - ⊙ EX STORM MH (ADJ TO GRADE)
 - ⊙ PROP STORM MH
 - ⊙ EX STORM CB
 - ⊙ EX STORM CB (ADJ TO GRADE)
 - ⊙ PROP STORM CB
 - ⊙ EX STORM INLET
 - ⊙ PROP STORM INLET

1	42-04054.001 NELSON PROPERTY LTD 660 RYE BEACH HURON, OH 44839	2	42-02043.001 5 CROOKS LLC 2501 SAWMILL PARKWAY HURON, OH 44839	3	42-02069.000 JACKSON, JODI L. 618 RY BEACH HURON, OH 44839	4	42-02043 5 CROOKS LLC 2501 SAWMILL PARKWAY HURON, OH 44839	5	42-02043.005 5 CROOKS LLC 2501 SAWMILL PARKWAY HURON, OH 44839	6	42-02070.001 FAHEY, KEVIN P. SAWMILL PARKWAY HURON, OH 44839				
7	42-02043.001 2401 SAWMILL PROPERTIES LLC 2401 SAWMILL PARKWAY HURON, OH 44839	8	42-02070.000 DRYER PROPERTIES LLC SAWMILL PARKWAY HURON, OH 44839	9	42-00475.000 SANDUSKY VENDING LIMITED PARTNERSHIP 1901 SAWMILL PARKWAY HURON, OH 44839	10	42-00476.000 DUKES WHITE GLOVE AUTOMOTIVE LLC 1808 SAWMILL PARKWAY HURON, OH 44839	12	42-01799.000 MIHALEK, DANIEL J. MIHALEK, LORI A. SAWMILL PARKWAY HURON, OH 44839	17	42-01417.000 ZEIGER, SANDRA A. TRUSTEE SAWMILL PARKWAY HURON, OH 44870	18	42-60478.000 BOARD OF EDUCATION HURON CITY SCHOOL DISTRICT 1802 SAWMILL PARKWAY HURON, OH 44839		
13	42-01049.000 DOM AND NATE LTD. 1813 SAWMILL PARKWAY HURON, OH 44839	14	42-01048.000 DOM AND NATE LTD 1813 SAWMILL PARKWAY HURON, OH 44839	15	42-01416.000 ZEIGER, SANDRA R. TRUSTEE SAWMILL PARKWAY HURON, OH 44870	16	42-01416.001 LAW BROTHERS AUTO BODY INC 1809 SAWMILL PARKWAY HURON, OH 44839	24	42-02021.002 IAC HURON LLC 1503 SAWMILL PARKWAY HURON, OH 44839	23	42-02021.001 HERBST, ROBERT H. JR. SAWMILL PARKWAY HURON, OH 44839	29	42-01952.005 THREE SEASONS PARTNERS LLC 1605 SAWMILL PARKWAY HURON, OH 44256	30	42-01952.002 THREE SEASONS PARTNERS LLC 1611 SAWMILL PARKWAY HURON, OH 44839
19	42-01029.000 HURON OUTDOOR 1803 SAWMILL PARKWAY HURON, OH 44839	20	42-00309.000 AMERICAN FREIGHTWAYS CORPORATION 1801 SAWMILL PARKWAY HURON, OH 44839	21	42-00918.000 SAWMILL REALTY INVESTORS LLC 1710 SAWMILL PARKWAY HURON, OH 44839	22	42-02023.000 TERMINAL LIMITED PARTNERSHIP 1708 SAWMILL PARKWAY HURON, OH 44065	24	42-02021.002 IAC HURON LLC 1503 SAWMILL PARKWAY HURON, OH 44839	29	42-01952.005 THREE SEASONS PARTNERS LLC 1605 SAWMILL PARKWAY HURON, OH 44256	30	42-01952.002 THREE SEASONS PARTNERS LLC 1611 SAWMILL PARKWAY HURON, OH 44839		
25	42-02021.000 IAC HURON LLC 1808 SAWMILL PARKWAY HURON, OH 44839	26	42-01928.000 FAIR PROPERTIES OF THE NORTH COAST LLC 1705 SAWMILL PARKWAY HURON, OH 44839	27	42-01997.000 STANKIC ENTERPRISES LLC SAWMILL PARKWAY HURON, OH 44150	28	42-01952.004 THREE SEASONS PARTNERS LLC 1605 SAWMILL PARKWAY HURON, OH 44256	29	42-01952.005 THREE SEASONS PARTNERS LLC 1605 SAWMILL PARKWAY HURON, OH 44256	30	42-01952.002 THREE SEASONS PARTNERS LLC 1611 SAWMILL PARKWAY HURON, OH 44839	31	42-01952.007 THREE SEASONS PARTNERS LLC 1611 SAWMILL PARKWAY HURON, OH 44839		



Chris M Lewis, P.E.
Ohio Professional Engineer
#28084

UTILITY CONTACT INFORMATION

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

GAS:
COLUMBIA GAS OF OHIO
322 CENTRAL AVE.
TOLEDO, OHIO 43606
419-539-6049
ATTN: JON AMSTUTZ

WATER:
CITY OF HURON
500 CLEVELAND RD. W.
HURON, OHIO 44839
419-433-9502
ATTN: JASON GIBBONEY

ELECTRIC:
OHIO EDISON
2508 W. PERKINS AVE.
SANDUSKY, OHIO 44870
419-827-6817
ATTN: JIM ROHRBACHER

ERIE COUNTY ENGINEERS
2700 COLUMBUS AVE.
SANDUSKY, OHIO 44870
419-827-7710

HURON POLICE DEPT.
417 MAIN STREET
HURON, OHIO 44839
419-433-4114
ATTN: BOB LIFERT

HURON FIRE DEPARTMENT
417 MAIN STREET
HURON, OHIO 44839
419-433-3544
ATTN: STEVE OSTERLING

IO WATERWORKS DRIVE
HURON, OHIO 44839
419-433-9504
ATTN: STEVE DIBELDT

UTILITIES GENERAL NOTE

UNLESS SPECIFICALLY NOTED HEREON, STORM AND SANITARY SEWER INFORMATION (INCLUDING PIPE INVERT, PIPE MATERIAL, AND PIPE SIZE) WAS OBSERVED AND MEASURED AT FIELD LOCATED STRUCTURES IMMEDIATELY UPSTREAM OF THE PROJECT. CURRENT CONDITIONS CAN VARY FROM THOSE ENCOUNTERED AT THE TIMES WHEN SUCH LOCATIONS WERE DATA WAS OBTAINED. DESPITE MEETING THE REQUIRED STANDARD OF CARE, THE SURVEYOR CANNOT, AND DOES NOT GUARANTEE THAT PIPE MATERIAL, AND/OR PIPE SIZE, THROUGHOUT THE PIPE RUN ARE THE SAME AS THOSE OBSERVED AT EACH STRUCTURE, OR THAT THE PIPE RUN IS STRAIGHT BETWEEN THE LOCATED STRUCTURES. ADDITIONAL UTILITY (WATER, GAS, ELECTRIC, ETC.) DATA MAY BE SHOWN FROM FIELD LOCATED SURFACE MARKINGS (BY OTHERS), EXISTING STRUCTURES, AND/OR FROM EXISTING DRAWINGS.

UNLESS SPECIFICALLY NOTED HEREON, THE SURVEYOR HAS NOT EXAMINED TO PHYSICALLY LOCATE THE UNDERGROUND UTILITIES. THE SURVEYOR MAKES NO WARRANTIES THAT THE SHOWN UNDERGROUND UTILITIES ARE EITHER IN SERVICE, ABANDONED, OR SUITABLE FOR USE, NOR ARE IN THE EXACT LOCATION OR CONFIGURATION INDICATED HEREON.

EXISTING UTILITIES SHOWN ON THE PLANS ARE BASED UPON THE BEST AVAILABLE INFORMATION PROVIDED TO THE ENGINEER DURING THE DESIGN PROCESS PER ORC 63.64. THE ENGINEER CANNOT GUARANTEE EXACT LOCATIONS OF UNDERGROUND UTILITIES OR ANY UTILITIES ABOVE GROUND OR UNDERGROUND THAT MAY HAVE BEEN RELOCATED AFTER THE DESIGN PROCESS. THE CONTRACTOR SHALL EXPECT TO ENCOUNTER SERVICE LINES AND LATERALS DURING CONSTRUCTION AT ALL DWELLINGS/BUSINESSES, WHETHER SHOWN ON THESE PLANS OR NOT. LOCATION OF UNDERGROUND UTILITY FACILITIES SERVING SINGLE FAMILY OR TWO-, THREE-, OR FOUR-UNIT DWELLINGS ARE NOT REQUIRED TO BE MADE AVAILABLE TO THE ENGINEER DURING THE DESIGN PROCESS PER ORC 63.64 AND THIS MAY OR MAY NOT BE PROVIDED ON THE PLANS. IF PROVIDED ON THE PLANS, THE ENGINEER CANNOT GUARANTEE EXACT LOCATIONS. NO ADDITIONAL COSTS OR CHANGE ORDERS WILL BE APPROVED FOR UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT.

THE CONTRACTOR SHALL USE THE FOLLOWING PROCEDURE AT EACH LOCATION WHERE WORK IS PERFORMED, IN ACCORDANCE WITH ORC 63.64, SECTIONS 105.07 AND 107.16 IN THE CONSTRUCTION AND MATERIALS SPECIFICATIONS.

THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, THE OHIO UTILITIES PROTECTION SERVICE (OUPS), THE OHIO OIL AND GAS PRODUCERS UNDERGROUND PROTECTION SERVICE (OOGUPS), AND ALL NON REGISTERED UTILITY OWNERS AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION IN ALL AREAS.

OUPS 1-800-362-2764 (CONTACT LIMITED BASIS PARTICIPANTS DIRECTLY)
OOGUPS 1-800-925-0988

THE CONTRACTOR IS RESPONSIBLE FOR THE INVESTIGATION, LOCATION, SUPPORT, PROTECTION, AND RESTORATION OF ALL EXISTING UTILITIES AND APPURTENANCES, WHETHER SHOWN ON THESE PLANS OR NOT, IN ACCORDANCE WITH ORC 63.64.

THE CONTRACTOR SHALL INSTALL FACILITIES AT THE REQUIRED HORIZONTAL AND VERTICAL CLEARANCES. THE CONTRACTOR SHALL EXPOSE ALL EXISTING UTILITIES OR STRUCTURES PRIOR TO CONSTRUCTION OF PROPOSED WORK TO VERIFY THE REQUIRED VERTICAL AND HORIZONTAL CLEARANCE IS AVAILABLE. PRIOR TO CONSTRUCTION OF THE PROPOSED FACILITY, THE ENGINEER CANNOT GUARANTEE EXACT DEPTHS OF EXISTING UTILITIES. IN THE CASE OF CONFLICT BETWEEN UTILITIES, THE ENGINEER SHALL DETERMINE THE PROPOSED COURSE OF ACTION TO ELIMINATE THE CONFLICT.

THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO UTILITIES, ALL EXISTING UTILITIES, SERVICE LINES, LATERALS, ETC., DAMAGED DURING CONSTRUCTION OF THE PROJECT. SHALL BE REPAIRED TO THE SATISFACTION OF THE UTILITY OWNER.

AT ALL UTILITY CROSSINGS, THE TRENCH BACKFILL SHALL CONSIST OF COMPACTED GRANULAR MATERIAL BETWEEN THE PIPES.

ALL EXISTING MANHOLES, CATCH BASINS, UTILITY BOXES, VALVE BOXES, ETC. SHALL BE ADJUSTED TO MATCH THE FINISHED GRADE OF THE PROJECT.

STORM AND SANITARY SEWER SYSTEMS

ALL STORM AND SANITARY STRUCTURES SHALL MEET THE REQUIREMENTS OF ODOT ITEM 611, CONSTRUCTED PER THE STANDARD DRAWING REFERENCED IN THE PLANS, OR AS MODIFIED BY SPECIFIC DETAILS INCLUDED IN THIS PLAN. ACCEPTABLE STRUCTURE MATERIALS SHALL BE PRECAST CONCRETE ONLY. SANITARY STRUCTURES SHALL ALSO MEET THE REQUIREMENTS OF THE OHIO ENVIRONMENTAL PROTECTION AGENCY (OEPA).

THE CONTRACTOR SHALL INSTALL A FRAME SEAL AND EXTENSIONS IF NEEDED. THE FRAME SEAL AND EXTENSION SHALL SPAN THE ENTIRE ADJUSTMENT AREA OF THE MANHOLE BY CONNECTING TO THE BOTTOM OF THE CASTING FRAME. THE SEALING SYSTEM SHALL PREVENT LEAKAGE OF WATER INTO THE MANHOLE THROUGH THE CASTING FRAME JOINT AND THE ADJUSTMENT RING AREA. ALL MATERIALS SHALL BE FURNISHED BY THE CONTRACTOR AND SHALL BE NEW, OF FIRST GRADE, AND SHALL BE OF REPUTABLE MANUFACTURERS KNOWN TO THE TRADE. THE SEAL SHALL BE EQUAL TO OR GREATER THAN THE RESULTS OF THE FOLLOWING ASTM TEST METHODS:

- TENSILE STRENGTH (ASTM-D412) = 1500 PSI MIN.
- HARDNESS (ASTM-D2240) = 45
- ELONGATION (ASTM-D421) = 350%

THE COST OF CHIMNEY SEALS SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT BIL ITEM. ALL STORM GRATES SHALL BE "BICYCLE SAFE" AND "ADA COMPLIANT".

ALL STORM AND SANITARY PIPES SHALL MEET THE REQUIREMENTS OF ODOT ITEM 611, OR AS MODIFIED BY SPECIFIC DETAILS INCLUDED IN THIS PLAN. ACCEPTABLE STORM SEWER MATERIALS SHALL BE RCP (106.02), HDPE (707.33), PVC (707.42, 707.43), OR HDPP (707.65). ACCEPTABLE SANITARY SEWER MATERIALS SHALL BE PVC (707.42, 707.43) OR HDPP (707.65).

ALL SEWERS UNDER PAVEMENT LINE OF INFLUENCE SHALL BE ODOT TYPE B. ALL DRIVE PIPES SHALL BE ODOT TYPE D. ALL CULVERTS SHALL BE ODOT TYPE A.

ALL UNDERDRAINS SHALL MEET THE REQUIREMENTS OF ODOT ITEM 605, OR AS MODIFIED BY SPECIFIC DETAILS INCLUDED IN THIS PLAN. ACCEPTABLE MATERIALS SHALL BE HDPE (707.31) OR PVC (707.41).

ALL ROOF DRAIN COLLECTORS AND SANITARY LATERALS SHALL MEET THE REQUIREMENTS OF ODOT ITEM 611, OR AS MODIFIED BY SPECIFIC DETAILS INCLUDED IN THIS PLAN. ACCEPTABLE MATERIALS SHALL BE HDPE (707.33) OR PVC (707.45).

BACKFILL FOR ALL PIPES WITHIN THE INFLUENCE LINE OF THE PAVEMENT (STREET, DRIVEWAYS, SIDEWALKS, ETC.) SHALL BE FULL DEPTH COMPACTED GRANULAR EMBAIKMENT MEETING THE REQUIREMENTS OF ODOT ITEM 611 OR ODOT ITEM 605, AS APPLICABLE. THE INFLUENCE LINE OF THE PAVEMENT IS DEFINED AS A LINE EXTENDING DOWNWARD AT A 45 DEGREE ANGLE FROM A POINT 2 FEET BEYOND THE PAVEMENT. COMPACTION AND TESTING REQUIREMENTS SHALL MEET THE ODOT SPECIFICATION.

ALL EXISTING PIPES, ROOF DRAINS, DRAIN TILES, SUMP PUMP CONNECTIONS, SPRING DRAINS, OR FIELD TILES ENCOUNTERED DURING CONSTRUCTION SHALL BE CONNECTED TO THE STORM SEWER SYSTEM OR ROOF DRAIN COLLECTOR SYSTEM, AS DIRECTED BY THE ENGINEER. ROOF DRAINS, FOUNDATION DRAINS OR OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER ARE NOT PERMITTED.

ALL COSTS FOR THE WORK DESCRIBED ABOVE SHALL BE INCLUDED FOR PAYMENT WITH THE PRICE BID FOR THE VARIOUS CONTRACT ITEMS.

CROSSINGS AND CONNECTIONS TO EXISTING PIPES AND UTILITIES

WHERE PLANS PROVIDE FOR A PROPOSED CONDUIT TO BE CONNECTED TO, OR CROSS OVER OR UNDER AN EXISTING SEWER OR UNDERGROUND UTILITY, THE CONTRACTOR SHALL LOCATE THE EXISTING PIPES OR UTILITIES BOTH AS TO LINE AND GRADE BEFORE STARTING TO LAY THE PROPOSED CONDUIT.

IF IT IS DETERMINED THAT THE ELEVATION OF THE EXISTING CONDUIT, OR EXISTING APPURTENANCE TO BE CONNECTED, DIFFERS FROM THE PLAN ELEVATION OR RESULTS IN A CHANGE IN THE PLAN CONDUIT SLOPE, THE ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WILL BE AFFECTED BY THE VARIANCE IN THE EXISTING ELEVATION.

IF IT IS DETERMINED THAT THE PROPOSED CONDUIT WILL INTERSECT AN EXISTING SEWER OR UNDERGROUND UTILITY IF CONSTRUCTION AS SHOWN ON THE PLAN, THE ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WOULD BE AFFECTED BY THE INTERFERENCE WITH AN EXISTING FACILITY.

IF IT IS DETERMINED THAT THE PROPOSED CONDUIT WILL INTERSECT AN EXISTING SEWER OR UNDERGROUND UTILITY IF CONSTRUCTION AS SHOWN ON THE PLAN, THE ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WOULD BE AFFECTED BY THE INTERFERENCE WITH AN EXISTING FACILITY.

PAVEMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT BIL ITEM.

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PAVEMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT BIL ITEM.



CONTRACT NO. 201-14-0001
CITY OF HURON
SAWMILL PARKWAY RECONSTRUCTION

CITY OF HURON
SAWMILL PARKWAY RECONSTRUCTION
GENERAL NOTES

ITEM 201 - CLEARING AND GRUBBING

ALTHOUGH THERE ARE NO TREES OR STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE LIMITS OF THE PROJECT, A LUMP SUM QUANTITY IS INCLUDED IN THE GENERAL SUMMARY FOR ITEM 201, CLEARING AND GRUBBING. ALL PROVISIONS AS SET FORTH IN THE SPECIFICATIONS UNDER THIS ITEM ARE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201, CLEARING AND GRUBBING.

MONUMENT ASSEMBLIES

CONSTRUCT MONUMENT ASSEMBLIES IN ACCORDANCE WITH THE DETAILS SHOWN ON THE STANDARD CONSTRUCTION DRAWINGS AND AT THE LOCATIONS SHOWN ON SHEET NO. 12-14.

ITEM 653 - TOPSOIL FURNISHED AND PLACED, AS PER PLAN

THIS ITEM HAS BEEN CARRIED TO THE GENERAL SUMMARY TO RESTORE ALL LARRY AREAS TO A CONDITION EQUAL TO OR BETTER THAN THE ORIGINAL CONDITIONS, PRIOR TO CONSTRUCTION. ALL REQUIREMENTS OF ITEM 659 SEEDING & MULCHING; AND, ITEM 653 TOPSOIL FURNISHED AND PLACED; SHALL APPLY TO THE CONSTRUCTION AND MATERIAL SPECIFICATIONS OF THIS ITEM WITH THE FOLLOWING MODIFICATIONS:

1. PREPARE THE SITE AND REMOVE ROCKS IN ACCORDANCE WITH 659.10
2. PLACE TOPSOIL TO A DEPTH OF 2" IN ACCORDANCE WITH 659.11 (TOPSOIL PER 653)
3. SEED AND MULCH ENTIRE DISTURBED AREA WITH SEED MIXTURE FOR (LAWN AREAS) PER TABLE 659.09
4. APPLY COMMERCIAL FERTILIZER IN ACCORDANCE WITH 659.04
5. APPLY WATER IN ACCORDANCE WITH 659.17

COSTS FOR ALL WORK, LABOR, EQUIPMENT, AND MATERIALS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THIS ITEM.

ITEM 653 - TOPSOIL FURNISHED AND PLACED, AS PER PLAN: 3200 S.Y.

EROSION CONTROL

THE FOLLOWING ITEMS HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO PREVENT CONSTRUCTION SEDIMENT RUNOFF FROM ENTERING WATERWAYS.

ITEM SPECIAL - FILTER FABRIC FENCE (PERIMETER) 7700 FT.

ITEM SPECIAL - INLET PROTECTION 12 EACH

SEE SHEETS 22-24 FOR SWPPP DETAILS.

CONTINGENCY ITEMS

THE FOLLOWING ITEMS HAVE BEEN PROVIDED IN THE GENERAL SUMMARY TO BE USED WITH THE APPROVAL BY, AND IN DIRECTION OF, THE ENGINEER. PERFORMANCE OF THIS WORK WITHOUT AUTHORIZATION FROM THE ENGINEER WILL RESULT IN NONPAYMENT.

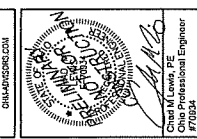
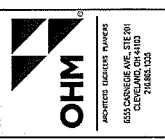
ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS MS, AS PER PLAN 1500 S.Y.

ITEM 638 - 12" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS 100 FT

ITEM 638 - 12" GATE VALVE 1 EACH

MISCELLANEOUS AND ALLOWANCES BID ITEMS

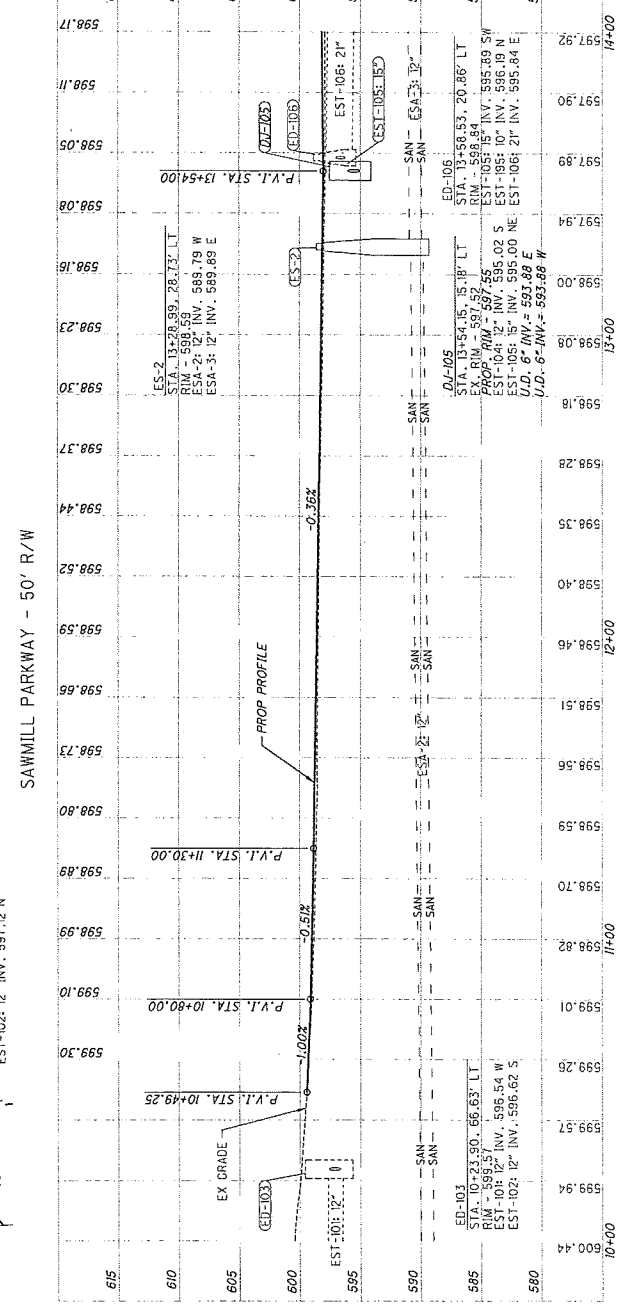
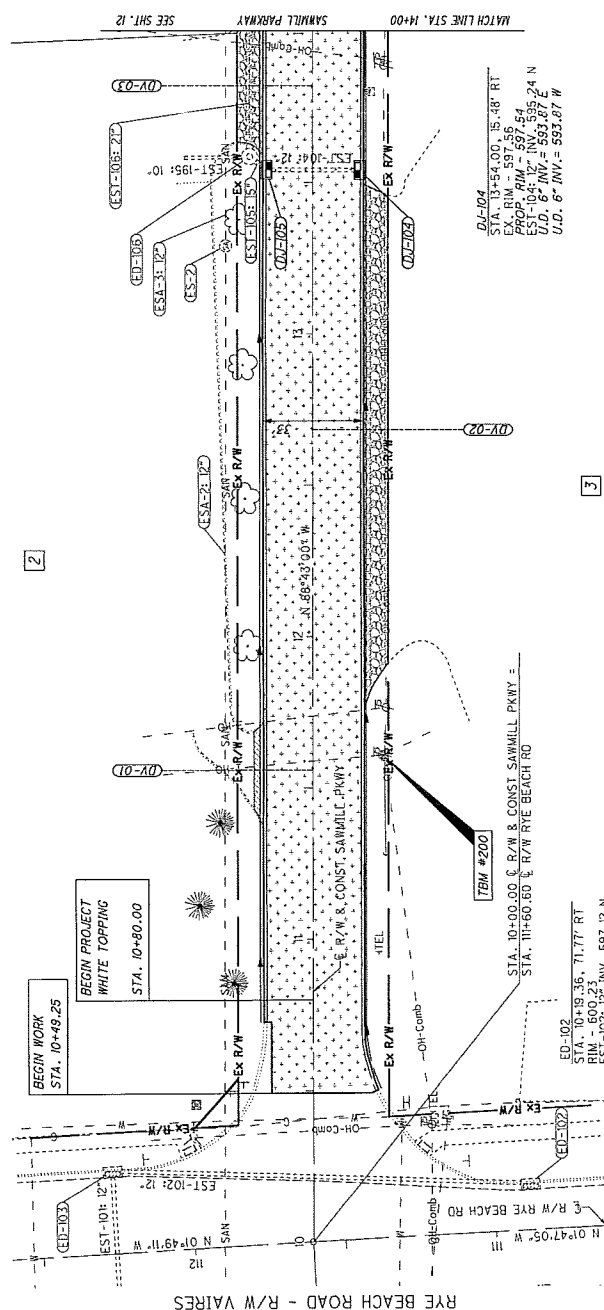
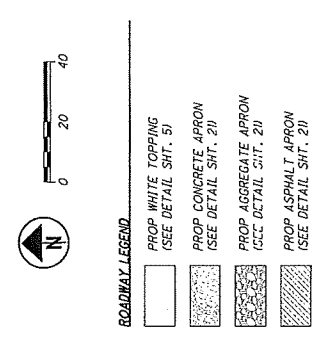
EXPLANATION OF THESE BID ITEMS CAN BE FOUND IN THE PROJECT DETAILED SPECIFICATIONS SECTION OF THE BID BOOK.



City of Huron
 Sawmill Parkway Reconstruction
 Plan & Profile
 BEGN TO STA. 14+00

CROSS REFERENCES

SHT No.	Description
3	± Benchmarks (TBMs)
4	Property Owner/Parcel Data (B)

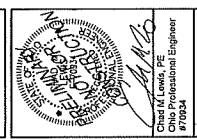
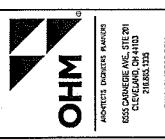


NOTES:

- CONTRACTOR TO REPLACE EXISTING PAVEMENT MARKINGS IN KIND. QUANTITIES WILL BE INCLUDED IN GENERAL SUMMARY ON SHEET 10.

*****UTILITIES - ATTENTION BIDDERS/CONTRACTORS*****

THE REQUIREMENTS OF ORD. 93.84 SHALL APPLY TO THIS PROJECT. THE CONTRACTOR SHALL VERIFY THE BEST AVAILABLE INFORMATION PROVIDED TO THE ENGINEER. THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, THE OHIO UTILITIES PROTECTION SERVICE (OUPS), THE OHIO OIL AND GAS PRODUCERS UNDERGROUND PROTECTION SERVICE (OGUPS), AND ALL NON REGISTERED UTILITY OWNERS AT LEAST 72 HOURS PRIOR TO COMMENCING CONSTRUCTION IN ALL AREAS. ADDITIONAL UTILITY COORDINATION REQUIREMENTS ARE PROVIDED IN THE UTILITY NOTE ON THE GENERAL NOTES SHEET 6.

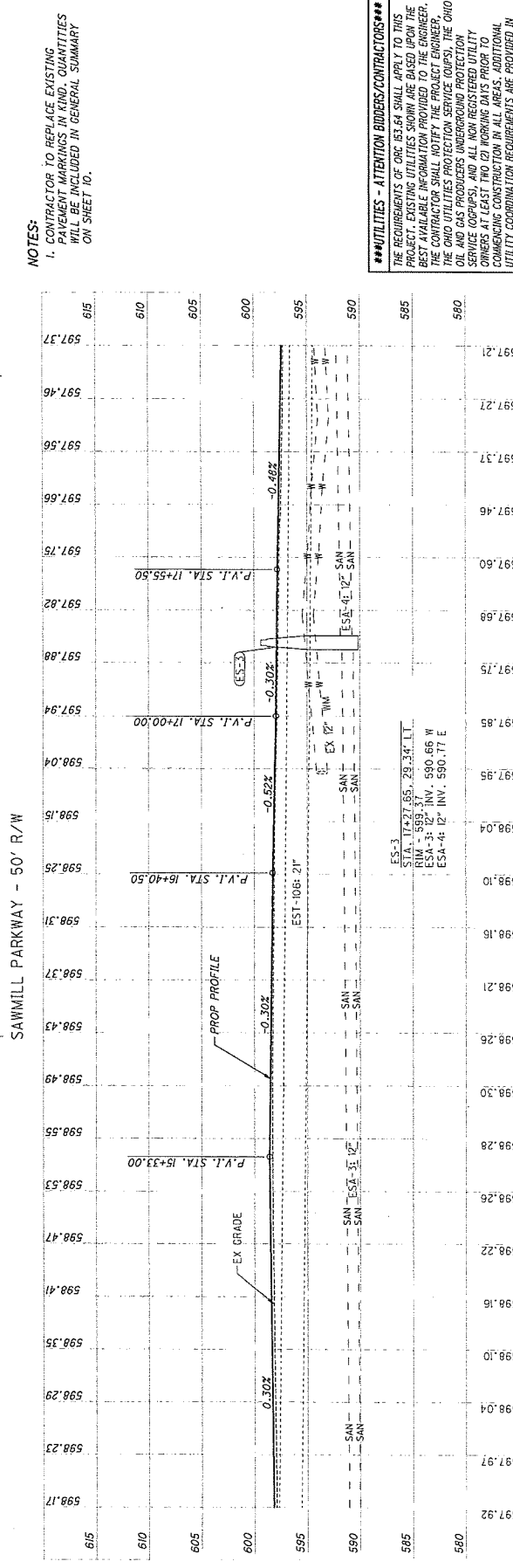
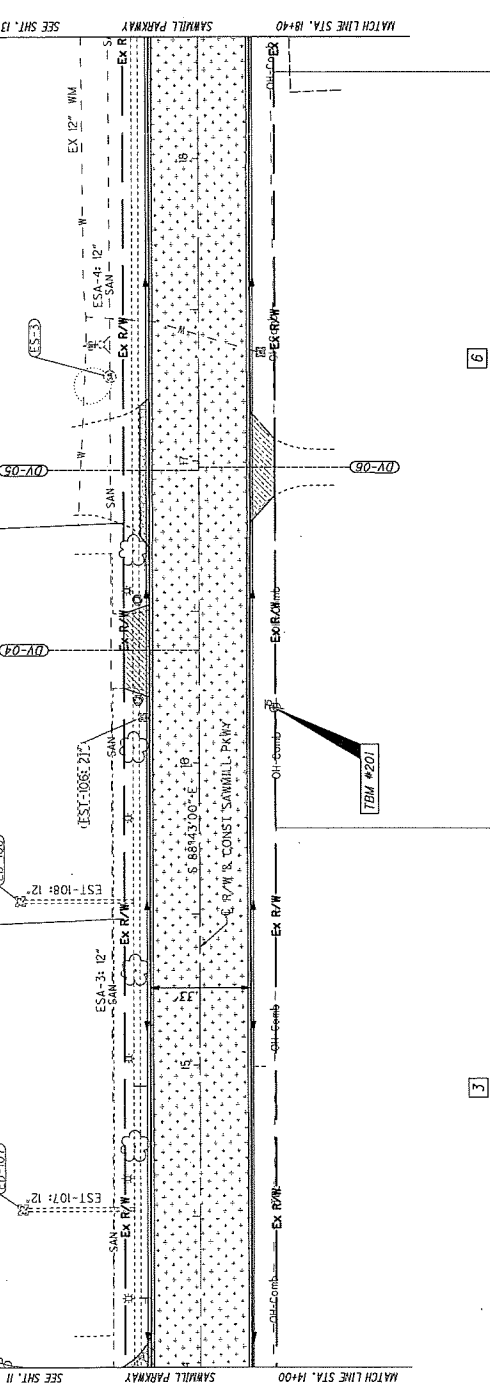
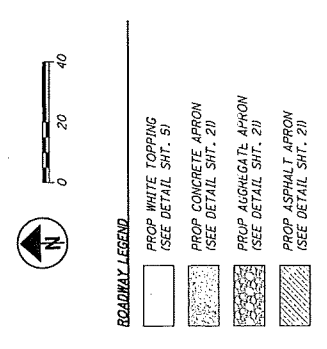


Ohio Professional Engineer
#97084

CITY OF HURON
SAWMILL PARKWAY RECONSTRUCTION
PLAN & PROFILE
STA. 14+00 TO STA. 18+40

CROSS REFERENCES

Sht No.	Description
3	E Benchmarks (TBMs)
4	Property Owner/Parcel Data (B)



NOTES:
1. CONTRACTOR TO REPLACE EXISTING UTILITY MARKINGS AND UTILITY INFORMATION PROVIDED TO THE ENGINEER. THIS SHALL BE INCLUDED IN GENERAL SUMMARY ON SHEET 10.

*****UTILITIES - ATTENTION BIDDERS/CONTRACTORS*****
THE REQUIREMENTS OF ORD 163.9 SHALL APPLY TO THIS PROJECT. THE BIDDERS/CONTRACTORS SHALL VERIFY THE BEST AVAILABLE INFORMATION PROVIDED TO THE ENGINEER. THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, THE OHIO UTILITIES PROTECTION SERVICE (OUPS), THE OHIO OIL AND GAS PRODUCERS UNDERGROUND PROTECTION SERVICE (OUPUS), AND ALL NON REGISTERED UTILITY OWNERS AT LEAST 14 DAYS PRIOR TO COMMENCING CONSTRUCTION IN ALL AREAS. ADDITIONAL UTILITY COORDINATION REQUIREMENTS ARE PROVIDED IN THE UTILITY NOTE ON THE GENERAL NOTES SHEET 8.

ED-107
STA. 14+52.27, 58.77' LT
RIM - 596.68
EST - 107: 12" INV. 594.64 S

ED-108
STA. 16+54.10, 59.46' LT
RIM - 596.64
EST - 108: 12" INV. 594.44 S

ED-109
STA. 17+27.65, 29.34' LT
RIM - 599.31
ESA - 3: 12" INV. 590.66 W
ESA - 4: 12" INV. 590.77 E

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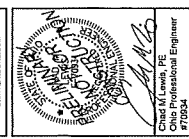
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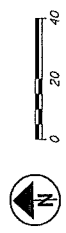
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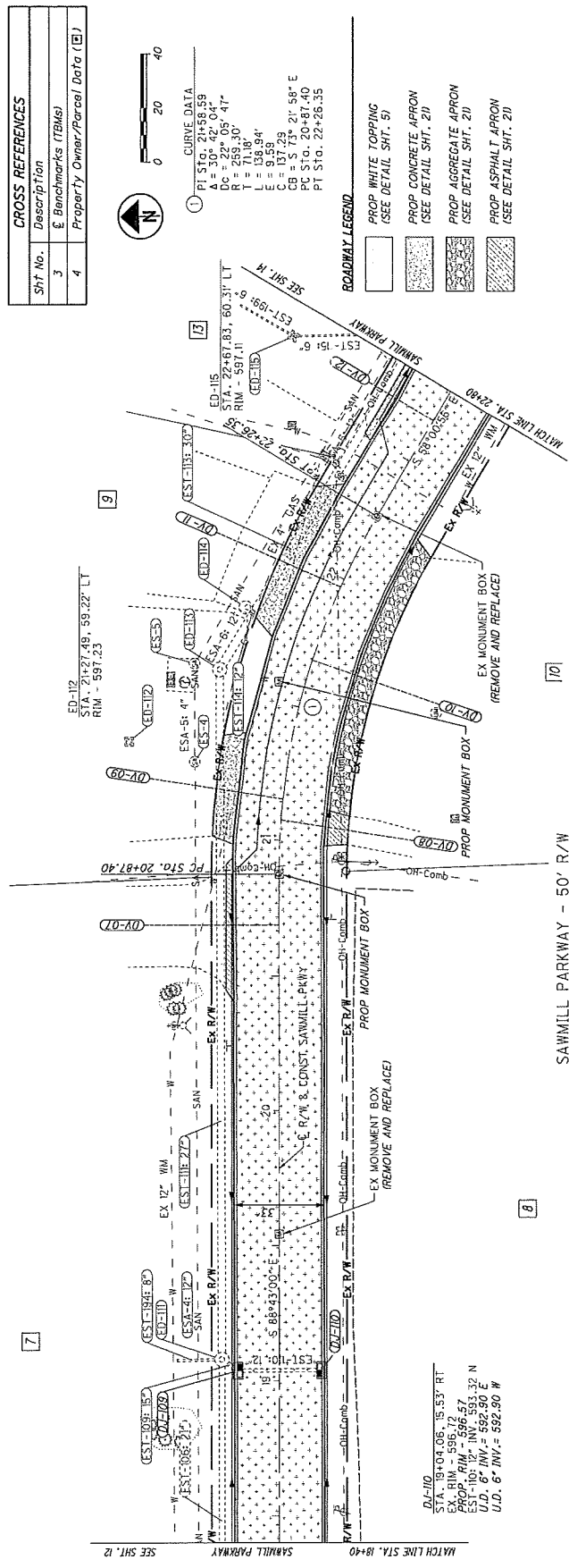
City of Huron
Sawmill Parkway Reconstruction
PLAN & PROFILE
STA. 18+40 TO STA. 22+80

CROSS REFERENCES		
Sht. No.	Description	Property Owner/Parcel Data (B)
3	E Benchmarks (TBMs)	
4	Property Owner/Parcel Data (B)	



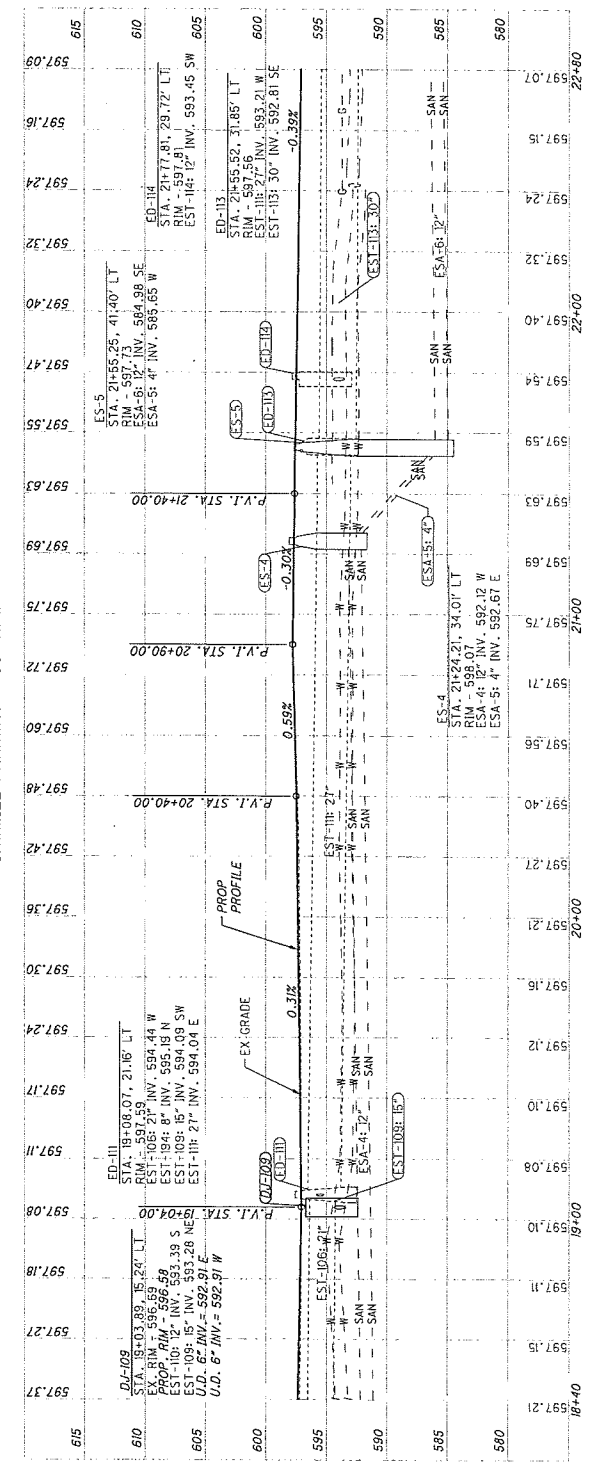
CURVE DATA
 1
 P.I. STA. 21+58.59
 A = 30° 42' 04"
 R = 255.30
 T = 71.18'
 L = 136.94'
 E = 9.59'
 C.B. = S. 73° 21' 58" E
 P.C. STA. 20+87.40
 P.T. STA. 22+26.35

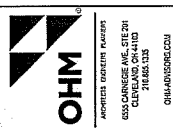
- ROADWAY LEGEND**
- PROP. WHITE TOPPING (SEE DETAIL SHT. 5)
 - PROP. CONCRETE APRON (SEE DETAIL SHT. 2)
 - PROP. AGGREGATE APRON (SEE DETAIL SHT. 2)
 - PROP. ASPHALT APRON (SEE DETAIL SHT. 2)



NOTES:

*****UTILITIES - ATTENTION BIDDERS/CONTRACTORS*****
 THE REQUIREMENTS OF ORD. 65.34 SHALL APPLY TO THIS PROJECT. THE CONTRACTOR SHALL NOTIFY THE ENGINEER, THE OHIO UTILITIES PROTECTION SERVICE (OUPS), THE OHIO OIL AND GAS PRODUCERS UNDERGROUND PROTECTION SERVICE (OGUPS), AND ALL NON REGISTERED UTILITY OWNERS AT LEAST 70 DAYS PRIOR TO COMMENCING CONSTRUCTION IN ALL AREAS. ADDITIONAL UTILITY COORDINATION REQUIREMENTS ARE PROVIDED IN THE UTILITY NOTE ON THE GENERAL NOTES SHEET 6.

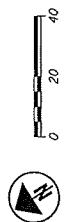




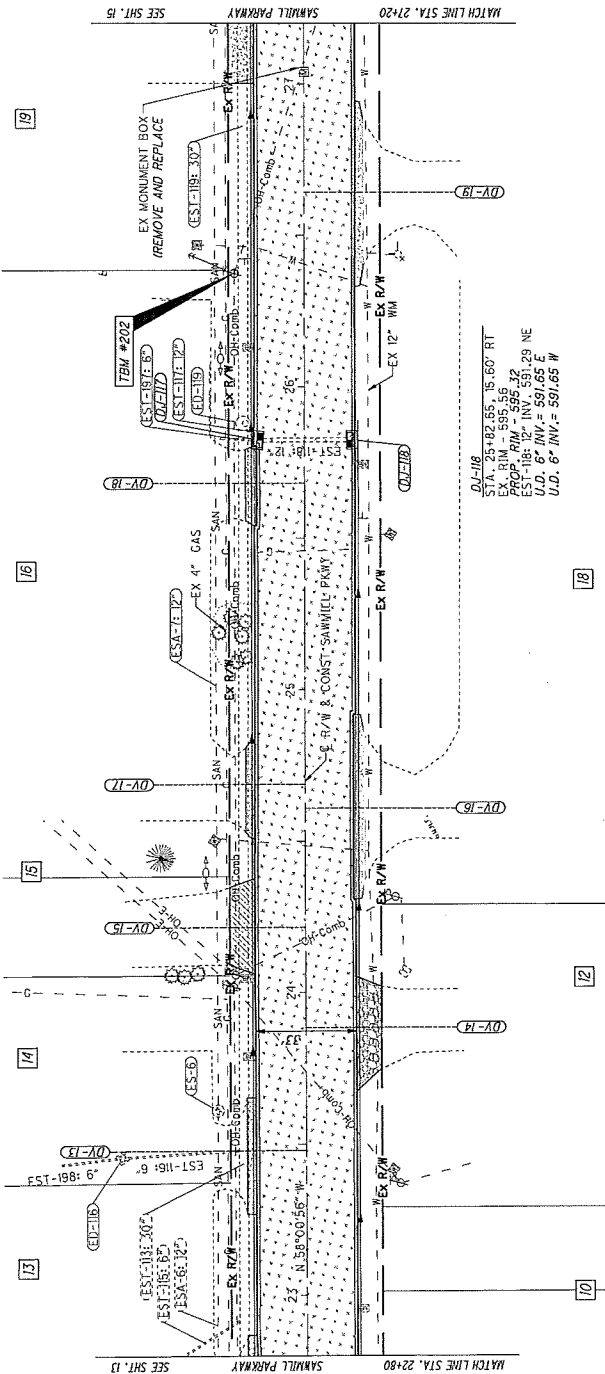
City Professional Engineer
 P. 21024

CROSS REFERENCES

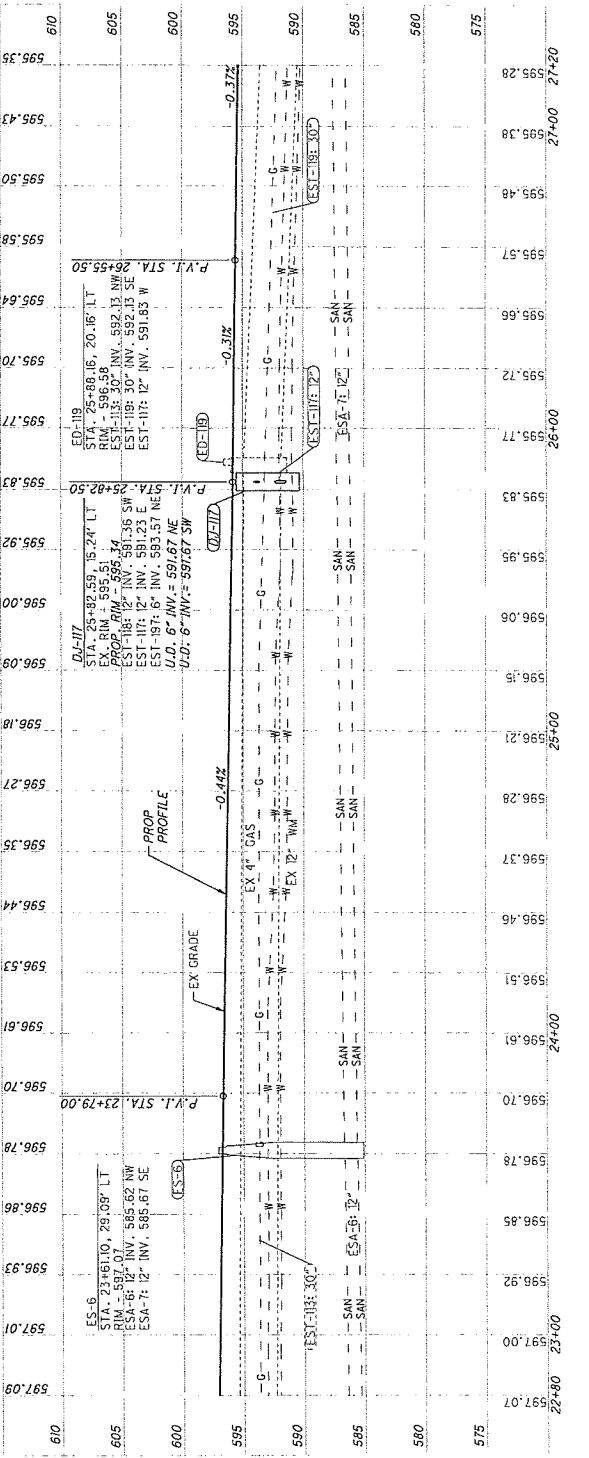
SHT No.	Description
3	E Benchmarks (TBMs)
4	Property Owner/Parcel Data (P)



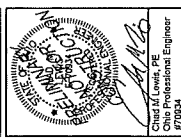
- ROADWAY LEGEND**
- PROP WHITE TOPPING (SEE DETAIL SHT. 5)
 - PROP CONCRETE APRON (SEE DETAIL SHT. 2)
 - PROP AGGREGATE APRON (SEE DETAIL SHT. 2)
 - PROP ASPHALT APRON (SEE DETAIL SHT. 2)



NOTES:



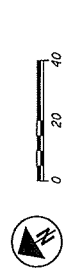
****UTILITIES - ATTENTION BIDDERS/CONTRACTORS****
 THE REQUIREMENTS OF ORC 85.34 SHALL APPLY TO THIS PROJECT. THE BIDDERS/CONTRACTORS SHALL VERIFY THE EXISTING UTILITY INFORMATION PROVIDED TO THE ENGINEER. THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, THE OHIO UTILITIES PROTECTION SERVICE (OUPS), THE OHIO OIL AND GAS PRODUCERS UNDERGROUND PROTECTION SERVICE (OGUPS), AND ALL NOW REGISTERED UTILITY OWNERS AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION IN ALL AREAS. ADDITIONAL UTILITY COORDINATION REQUIREMENTS ARE PROVIDED IN THE UTILITY NOTE ON THE GENERAL NOTES SHEET 6.



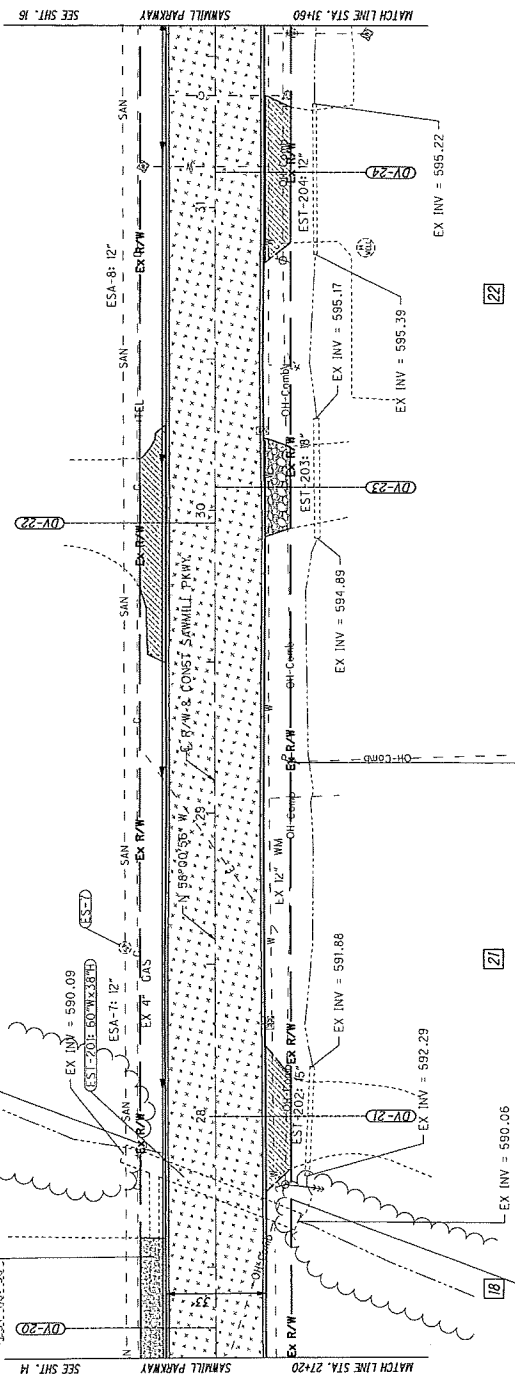
Checked by: Michael J. Lewis, PE
 License No. 970284
 State of Ohio

CITY OF HURON
 SAWMILL PARKWAY RECONSTRUCTION
 PLAN & PROFILE
 STA. 27+20 TO STA. 31+60

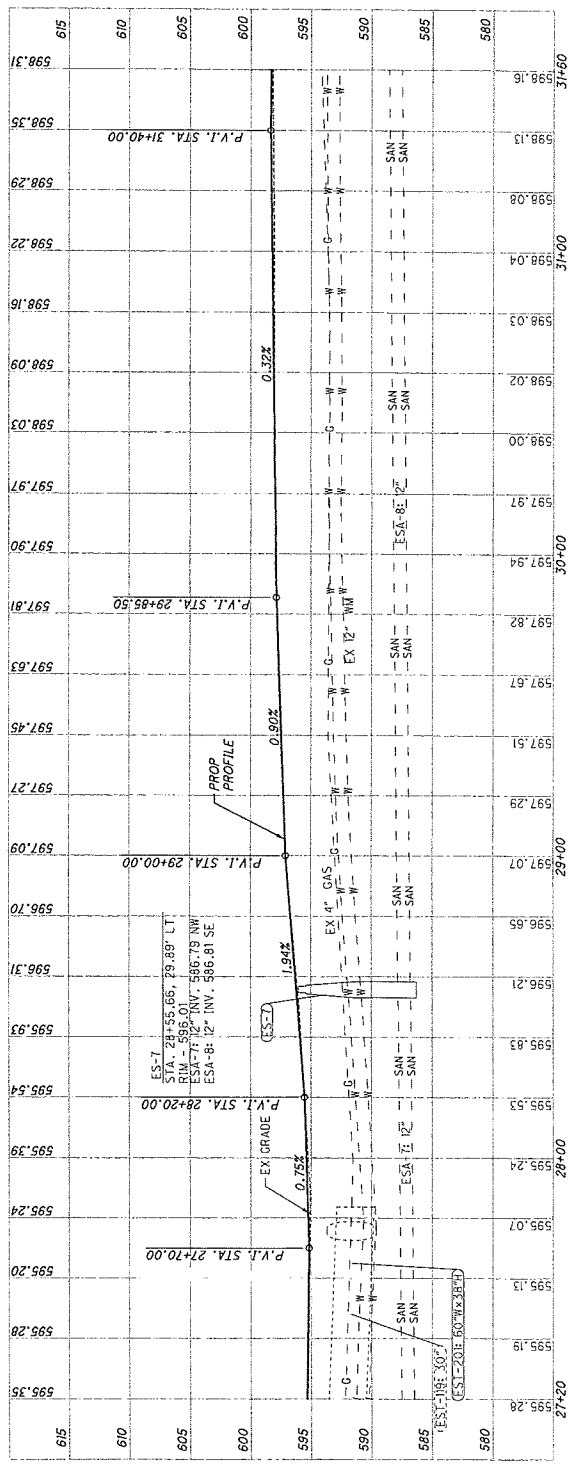
CROSS REFERENCES	
Sht. No.	Description
3	E Benchmarks (TBMs)
4	Property Owner/Parcel Data (B)



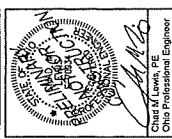
- ROADWAY LEGEND**
- PROP WHITE TOPPING
(SEE DETAIL SHT. 3)
 - PROP CONCRETE APRON
(SEE DETAIL SHT. 20)
 - PROP AGGREGATE APRON
(SEE DETAIL SHT. 20)
 - PROP ASPHALT APRON
(SEE DETAIL SHT. 20)



NOTES:



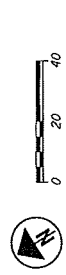
*****UTILITIES - ATTENTION BIDDERS/CONTRACTORS*****
 THE REQUIREMENTS OF ORD 63.63 SHALL APPLY TO THIS PROJECT. EXISTING UTILITIES SHOWN ARE BASED UPON THE RECORD DRAWINGS AND FIELD SURVEY. THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, THE OHIO UTILITIES PROTECTION SERVICE (OUPS), THE OHIO OIL AND GAS PRODUCERS UNDERGROUND PROTECTION SERVICE (OGUPS), AND ALL NON REGISTERED UTILITY OWNERS AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION IN ALL AREAS. ADDITIONAL UTILITY COORDINATION REQUIREMENTS ARE PROVIDED IN THE UTILITY NOTE ON THE GENERAL NOTES SHEET 6.



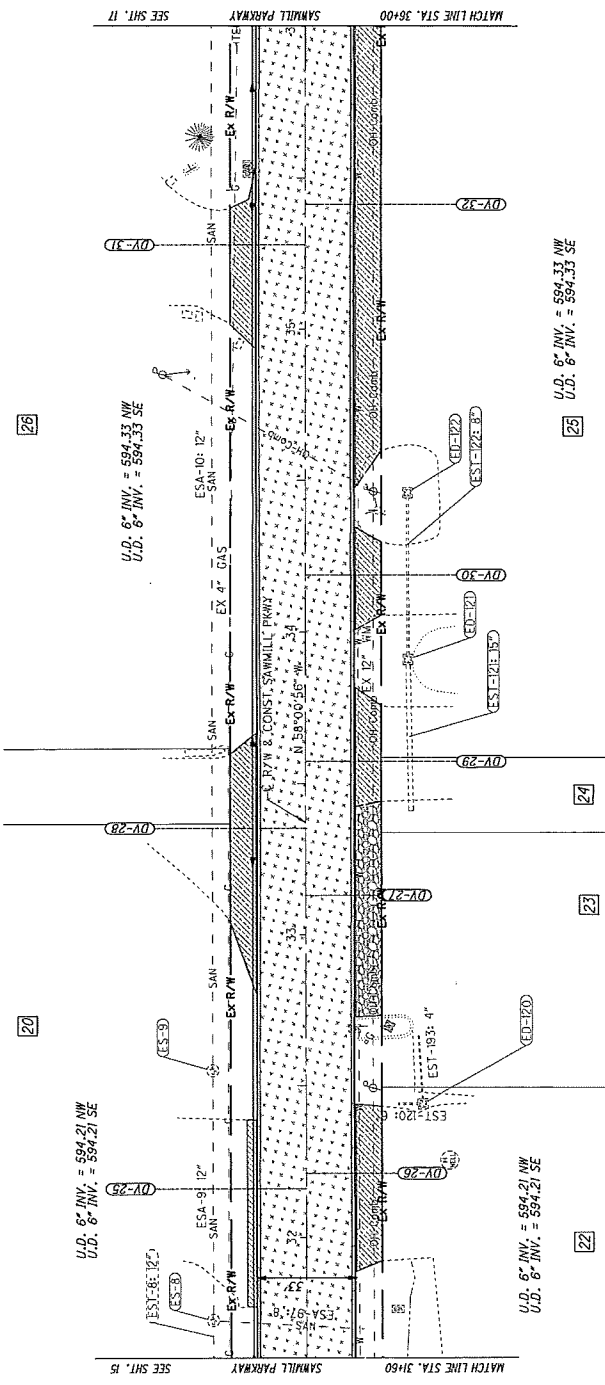
City of Huron
Sawmill Parkway Reconstruction
PLAN & PROFILE
STA. 31+60 TO STA. 36+00

GROSS REFERENCES

Sht. No.	Description
3	± Benchmarks (TBMs)
4	Property Owner/Parcel Data (D)

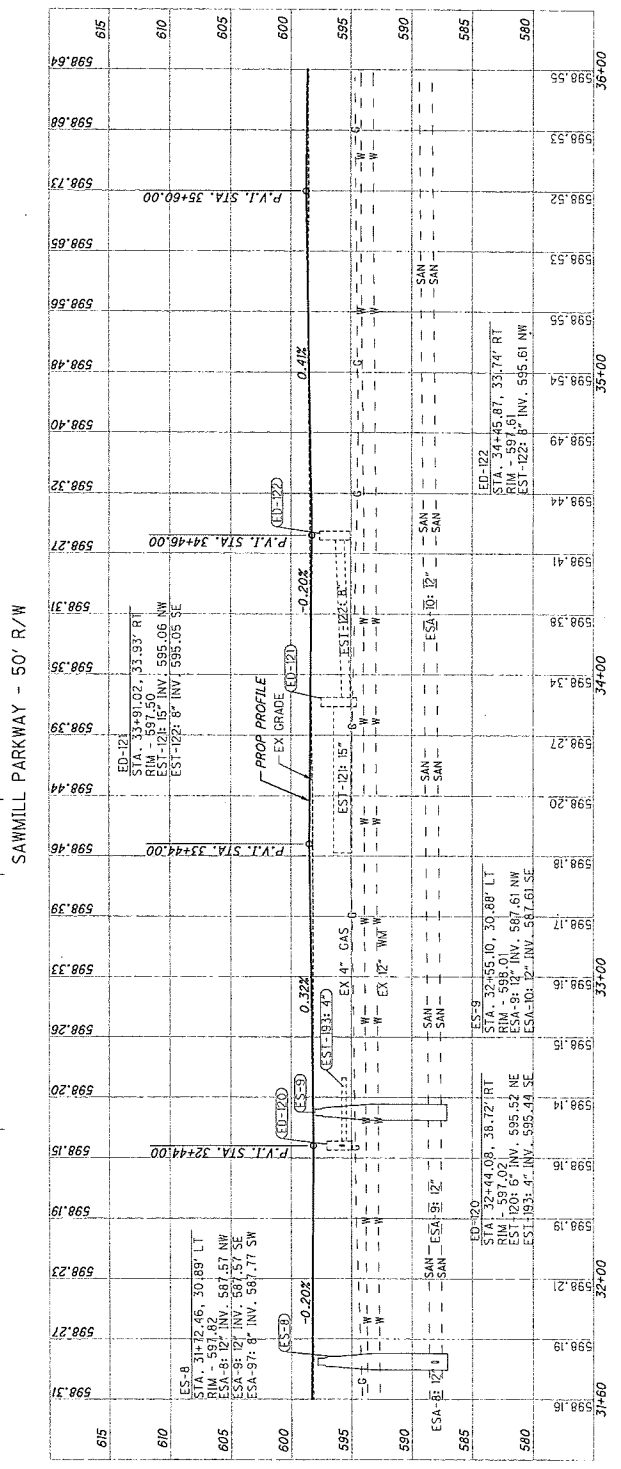


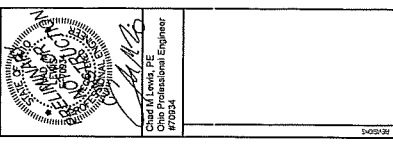
- ROADWAY LEGEND**
- PROP WHITE TOPPING (SEE DETAIL SHT. 5)
 - PROP CONCRETE APRON (SEE DETAIL SHT. 20)
 - PROP AGGREGATE APRON (SEE DETAIL SHT. 20)
 - PROP ASPHALT APRON (SEE DETAIL SHT. 20)



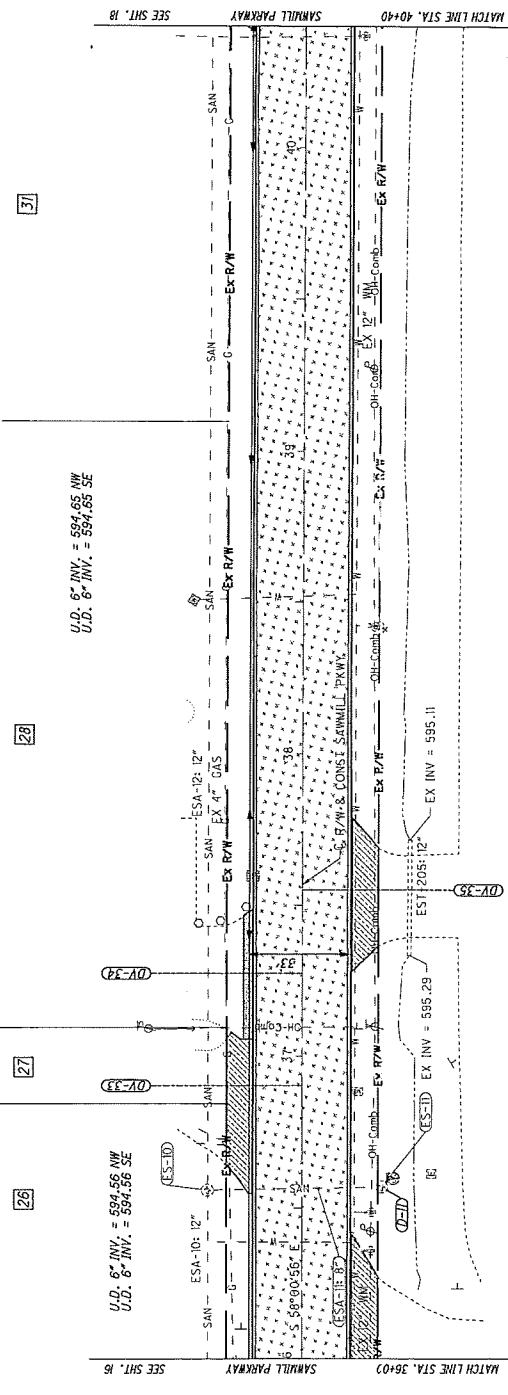
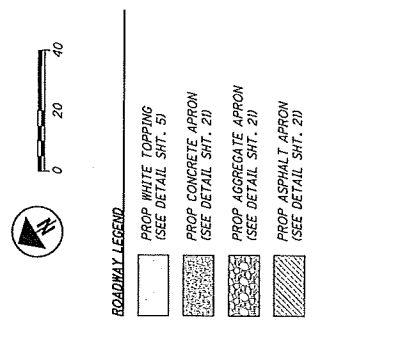
NOTES:

*****UTILITIES - ATTENTION BIDDERS/CONTRACTORS*****
 THE REQUIREMENTS OF ORD 83.04 SHALL APPLY TO THIS PROJECT. ALL UTILITIES SHALL BE RECONSTRUCTED TO THE DEPTH AND WIDTH SPECIFIED ON THIS PLAN. THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, THE OHIO UTILITIES PROTECTION SERVICE (OUPS), THE OHIO OIL AND GAS PRODUCERS UNDERGROUND PROTECTION SERVICE (OGUPS), AND ALL NON REGISTERED UTILITY OWNERS AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION IN ALL AREAS. ADDITIONAL UTILITY COORDINATION REQUIREMENTS ARE PROVIDED IN THE UTILITY NOTE ON THE GENERAL NOTES SHEET 6.





CROSS REFERENCES	
Sht No.	Description
3	§ Benchmarks (TBMs)
4	Property Owner/Parcel Data (D)

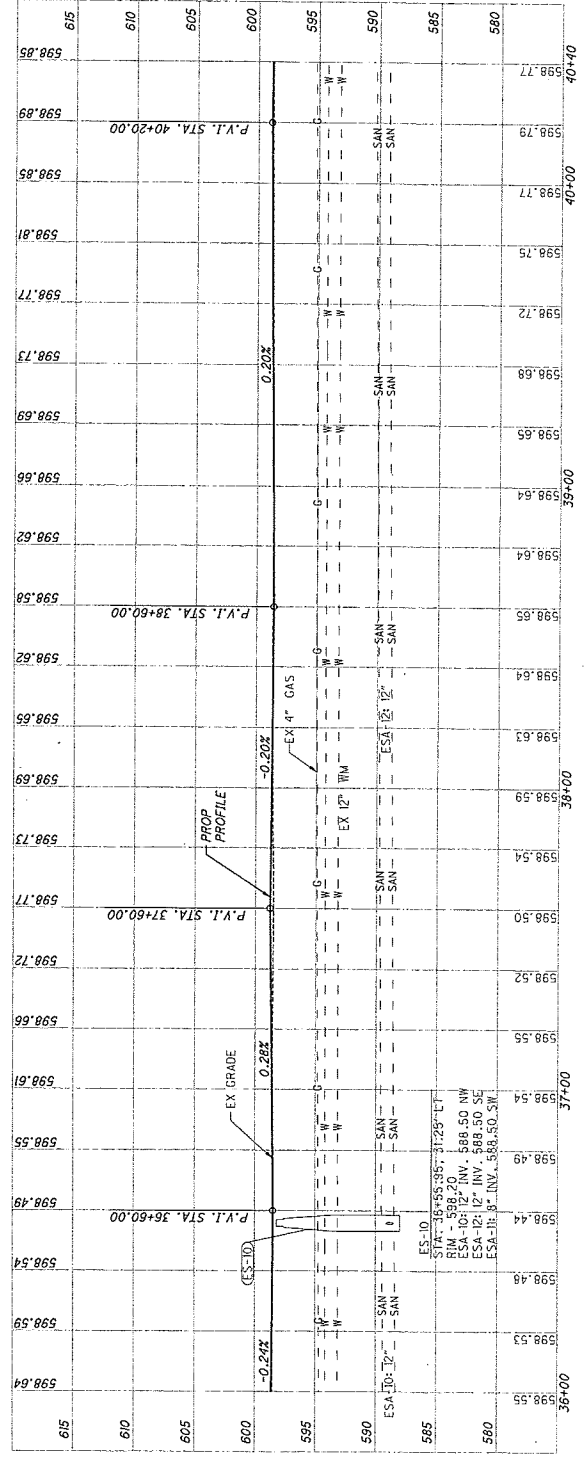


U.D. 6" INV. = 594.56 NW
U.D. 6" INV. = 594.56 SE

U.D. 6" INV. = 594.65 NW
U.D. 6" INV. = 594.65 SE

U.D. 6" INV. = 594.56 NW
U.D. 6" INV. = 594.56 SE

U.D. 6" INV. = 594.65 NW
U.D. 6" INV. = 594.65 SE



NOTES:

*****UTILITIES - ATTENTION BIDDERS/CONTRACTORS*****
THE REQUIREMENTS OF OAC 93.64 SHALL APPLY TO THIS PROJECT. EXISTING UTILITIES SHOWN ARE BASED UPON THE BEST AVAILABLE INFORMATION PROVIDED TO THE ENGINEER. THE ENGINEER HAS CONDUCTED VISUAL SURVEYS OF THE OHO OIL AND GAS UTILITIES PROTECTION SERVICE (OGPS) AND OIL AND GAS PRODUCERS UNDERGROUND PROTECTION SERVICE (OGUPS), AND ALL NON REGISTERED UTILITY OWNERS AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION IN ALL AREAS. ADDITIONAL UTILITY COORDINATION REQUIREMENTS ARE PROVIDED IN THE UTILITY NOTE ON THE GENERAL NOTES SHEET 6.

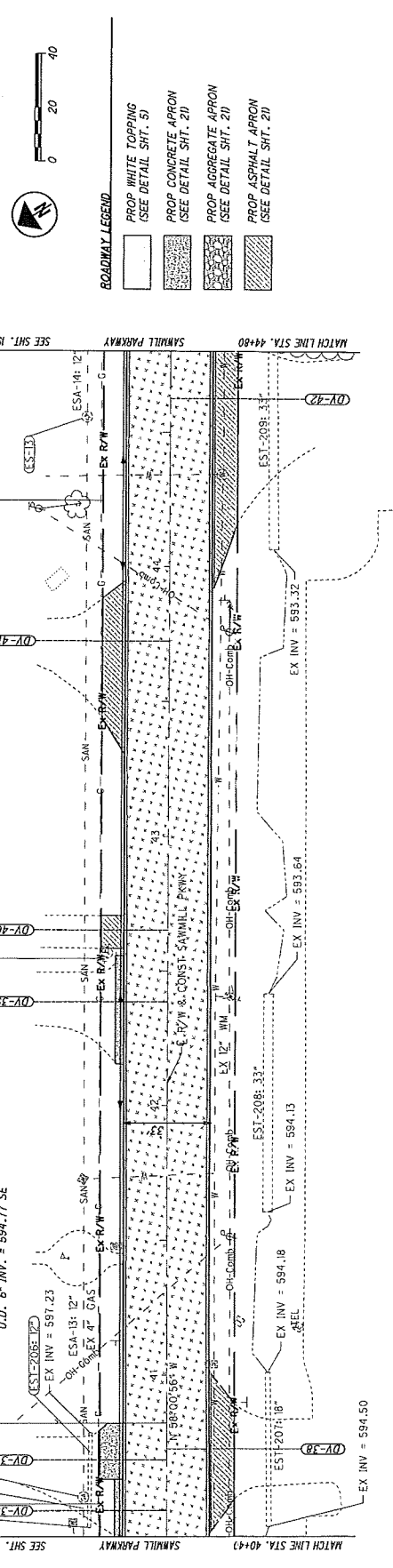
OHM
ARCHITECTS, ENGINEERS, PLANNERS
5555 CANNON AVE., STE. 201
CLEVELAND, OH 44115
216.426.1000

City of Huron
Professional Engineer
007000

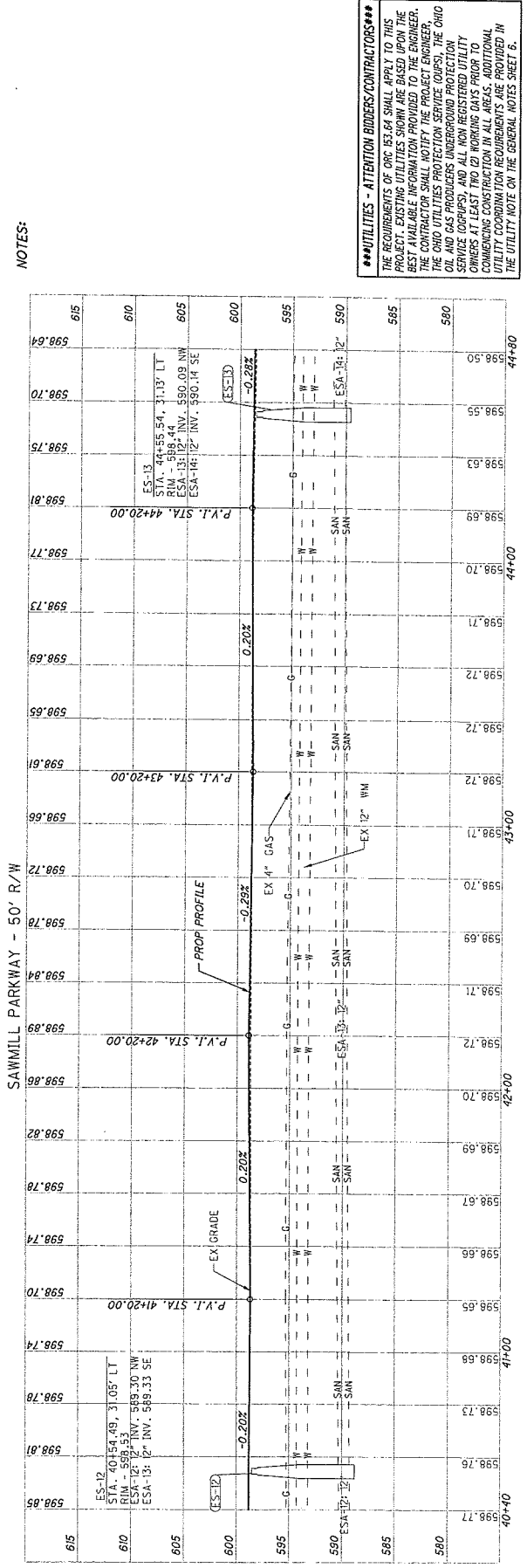
CITY OF HURON
SAWMILL PARKWAY RECONSTRUCTION
PLAN & PROFILE
STA. 40+40 TO STA. 44+80

18 of 24

Sht No.	Description
3	Property Owner/Parcel Data (B)
4	Property Owner/Parcel Data (B)

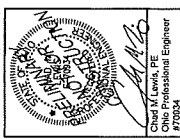


U.D. 6\"/>



NOTES:

*****UTILITIES - ATTENTION BIDDERS/CONTRACTORS*****
THE REQUIREMENTS OF DRC 153.64 SHALL APPLY TO THIS PROJECT. EXISTING UTILITIES SHOWN ARE BASED UPON THE BEST AVAILABLE INFORMATION PROVIDED TO THE ENGINEER. THE ENGINEER HAS CONDUCTED VISUAL INSPECTIONS OF THE EXISTING UTILITIES. CONTRACTORS SHALL VERIFY THE LOCATION, DEPTH, AND TYPE OF ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTORS SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND COORDINATION WITH ALL UTILITIES OWNERS AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION IN ALL AREAS. ADDITIONAL UTILITY COORDINATION REQUIREMENTS ARE PROVIDED IN THE UTILITY NOTE ON THE GENERAL NOTES SHEET 6.



CHAD M. LEWIS, P.E.
Ohio Professional Engineer
#17004

Sht No.	Description
3	± Benchmarks (TBMS)
4	Property Owner/Parcel Data (D)

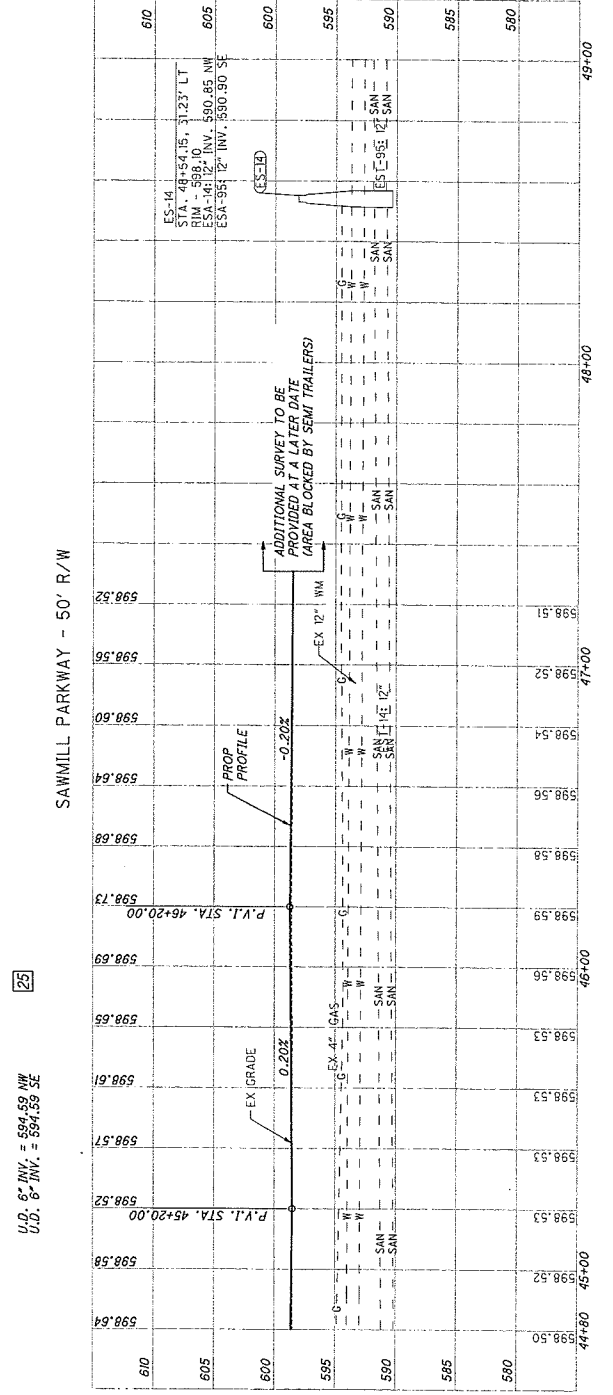
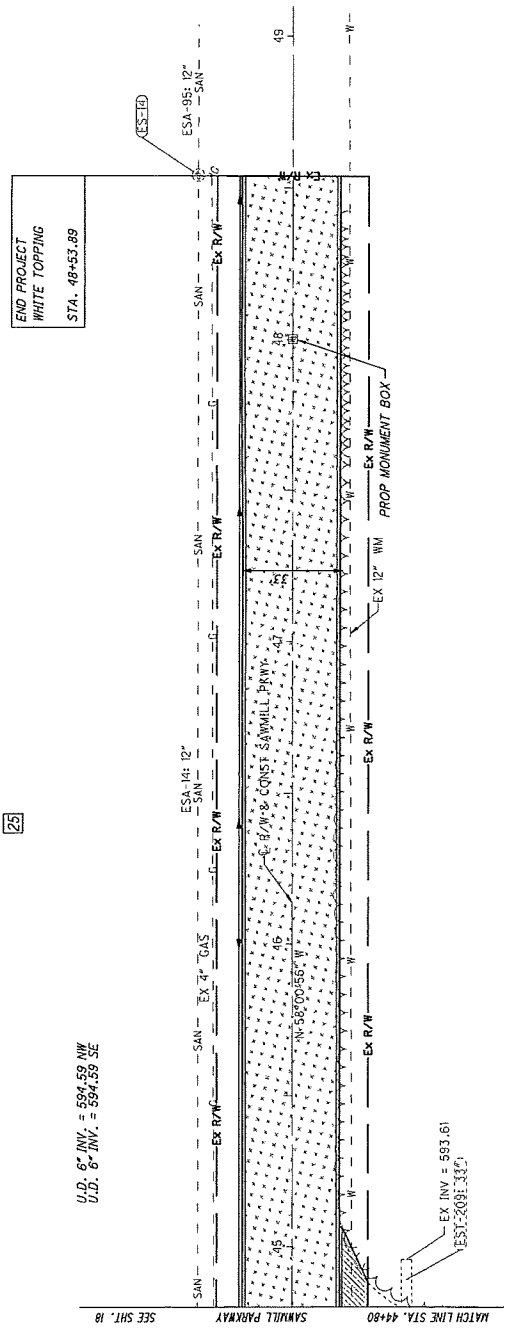
CROSS REFERENCES

END PROJECT
WHITE TOPPING
STA. 48+53.89

ROADWAY LEGEND

- PROP WHITE TOPPING (SEE DETAIL SHT. 5)
- PROP CONCRETE APRON (SEE DETAIL SHT. 20)
- PROP AGGREGATE APRON (SEE DETAIL SHT. 20)
- PROP ASPHALT APRON (SEE DETAIL SHT. 20)

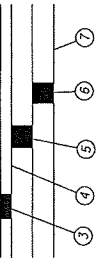
Scale: 0 20 40



NOTES:

*****UTILITIES - ATTENTION BIDDERS/CONTRACTORS*****
THE REQUIREMENTS OF ORC 163.64 SHALL APPLY TO THIS PROJECT. EXISTING UTILITIES SHOWN ARE BASED UPON THE BEST AVAILABLE INFORMATION PROVIDED TO THE ENGINEER. THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, THE OHIO UTILITIES PROTECTION SERVICE (OUPS), THE OHIO OIL AND GAS PRODUCERS UNDERGROUND PROTECTION BOARD (OUPB) AND ALL OTHER UTILITIES OWNERS AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION IN ALL AREAS. ADDITIONAL UTILITY COORDINATION REQUIREMENTS ARE PROVIDED IN THE UTILITY NOTE ON THE GENERAL NOTES SHEET 6.

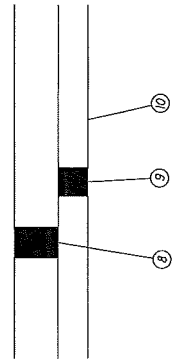
ASPHALT DRIVE SECTION VIEW
(SEE DRIVE DETAILS PLAN VIEW FOR DRIVE DIMENSIONS)



- ITEM 441 - ASPHALT CONCRETE, MISC.: ASPHALT DRIVE
- 3 ITEM 441 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE I, (448), PG 64-22
 - 4 ITEM 407 TACK COAT (APPLIED @ 0.05 GAL/SY)
 - 5 ITEM 441 2 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I, (448)
 - 6 ITEM 304 6" AGGREGATE BASE (RESIDENTIAL DRIVES)
 - 7 ITEM 304 3" AGGREGATE BASE (COMMERCIAL DRIVES)
 - 8 ITEM 204 SUBGRADE COMPACTION

* ALL COSTS FOR ITEM 441 - ASPHALT CONCRETE, MISC.: ASPHALT DRIVE SHALL BE INCLUDED IN THE COST OF EXISTING PAVEMENT, INCLUDING REMOVAL AND ALL ITEMS SHOWN. ALL REPLACEMENTS TO BE A MINIMUM OF 2' WIDE OR TO THE NEAREST JOINT.

CONCRETE DRIVE SECTION VIEW
(SEE DRIVE DETAILS PLAN VIEW FOR DRIVE DIMENSIONS)

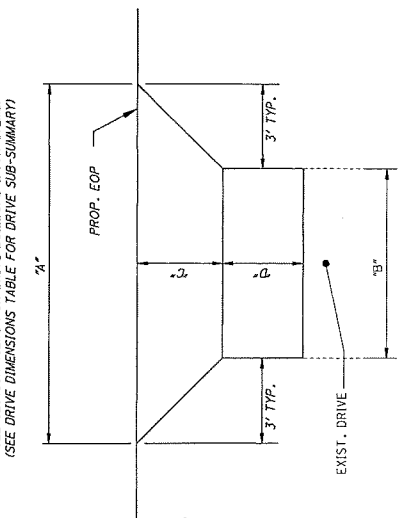


- ITEM 452 - NON-REINFORCED CONCRETE PAVEMENT, MISC.: CONCRETE DRIVE
- 9 ITEM 452 6" FIBER-REINFORCED PORTLAND CEMENT CONCRETE, CLASS MS (RESIDENTIAL DRIVE)
 - 10 ITEM 452 8" FIBER-REINFORCED PORTLAND CEMENT CONCRETE, CLASS MS (COMMERCIAL DRIVE)
 - 11 ITEM 304 4" AGGREGATE BASE
 - 12 ITEM 204 SUBGRADE COMPACTION

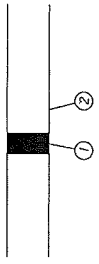
* ALL COSTS FOR ITEM 452 - NON-REINFORCED CONCRETE PAVEMENT, MISC.: CONCRETE DRIVE SHALL BE INCLUDED IN THE UNIT COST BID FOR ITEMS 9 AND 10 INCLUDING SAUCUT, REINFORCING PAVEMENT REPLACEMENTS TO BE A MINIMUM OF 2' WIDE OR TO THE NEAREST JOINT.

THE FIBER MIX DOSAGE RATE SHALL BE 2 LB./CY.

DRIVE DETAILS PLAN VIEW
(SEE SECTION VIEWS FOR DRIVE BUILDUPS & PAY ITEMS)
(SEE DRIVE DIMENSIONS TABLE FOR DRIVE SUB-SUMMARY)



AGGREGATE DRIVE SECTION VIEW
(SEE DRIVE DETAILS PLAN VIEW FOR DRIVE DIMENSIONS)



- ITEM 304 - AGGREGATE BASE, AS PER PLAN (AGGREGATE DRIVE)
- 1 ITEM 304 8" AGGREGATE BASE (6" 304 BASE) (2" MATCH EXISTING KIND)
 - 2 ITEM 204 SUBGRADE COMPACTION

* ALL COSTS FOR ITEM 304 - AGGREGATE BASE, AS PER PLAN (AGGREGATE DRIVE) SHALL BE INCLUDED IN THE UNIT COST BID FOR ITEMS 1-2 INCLUDING REMOVAL OF EXISTING PAVEMENT AND ALL ITEMS SHOWN.

DRIVE APRON DIMENSIONS TABLE

DR#	A	B	C	S.Y.	REMARKS	DR#	A	B	C	S.Y.	REMARKS
1	33.9	25.6	3	9.8	ASPH REPAIR	21	48.4	30.5	8.5	37.2	ASPH REPAIR
2	76.2	154.4	8.5	154.1	AGG REPAIR	22	78.5	42.9	8.5	62.1	ASPH REPAIR
3	51.3	37.5	8.5	39.9	AGG REPAIR	23	32.8	27.2	8.5	28.3	AGG REPAIR
4	30.4	24.4	8.5	25.9	ASPH REPAIR	24	55.0	44.6	8.5	47.1	ASPH REPAIR
5	49.1	42.9	3	15.3	CONC REPAIR	25	62.0	62.0	3	20.7	ASPH REPAIR
6	37.3	19.1	8.5	26.6	ASPH REPAIR	26	55.3	51.0	8.5	50.2	ASPH REPAIR
7	53.9	46.2	3	16.7	ASPH REPAIR	27	69.5	70.9	8.5	66.3	AGG REPAIR
8	13.3	10.6	8.5	11.3	ASPH REPAIR	28	85.9	55.8	8.5	66.9	ASPH REPAIR
9	42.0	37.4	8.5	37.6	CONC REPAIR	29	39.3	31.8	8.5	33.6	ASPH REPAIR
10	107.1	101.1	8.5	98.3	AGG REPAIR	30	33.8	24.4	8.5	27.5	ASPH REPAIR
11	62.8	53.2	8.5	54.9	CONC REPAIR	31	60.1	38.3	8.5	43.0	ASPH REPAIR
12	37.9	36.4	3	12.4	CONC REPAIR	32	193.4	167.5	8.5	170.4	ASPH REPAIR
13	38.4	38.3	3	12.8	CONC REPAIR	33	50.7	41.3	8.5	44.5	ASPH REPAIR
14	38.2	27.3	8.5	30.1	AGG REPAIR	34	43.1	41.1	3	14.0	CONC REPAIR
15	31.7	25.7	8.5	27.1	ASPH REPAIR	35	50.5	32.3	8.5	39.1	ASPH REPAIR
16	61.0	47.6	3	19.6	CONC REPAIR	36	23.2	21.2	3	7.4	CONC REPAIR
17	32.1	27.8	3	10.3	CONC REPAIR	37	20.9	20.0	9.0	20.5	CONC REPAIR
18	26.4	23.7	3	8.3	CONC REPAIR	38	58.7	20.0	8.5	44.5	ASPH REPAIR
19	61.2	47.5	3	19.0	CONC REPAIR	39	40.4	40.2	3	13.4	CONC REPAIR
20	89.5	59.5	8.5	56.2	CONC REPAIR	40	12.1	12.1	8.5	11.4	ASPH REPAIR
						41	64.5	44.2	8.5	51.4	ASPH REPAIR
						42	114.4	72.3	8.5	86.2	ASPH REPAIR
TOTAL ASPHALT DRIVE AREA											1600 SY
TOTAL CONCRETE DRIVE AREA											620 SY
TOTAL AGGREGATE DRIVE AREA											420 CY

REGISTERED ENGINEER NUMBER
0891 CLEVELAND, OHIO 44115
CLEVELAND, OHIO 44115
OHM-PROFESSIONAL.COM

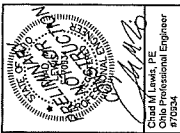
Ohio Professional Engineer
No. 10467
Exp. 12/31/2018

CITY OF HURON
SAWMILL PARKWAY RECONSTRUCTION
DRIVE DETAILS

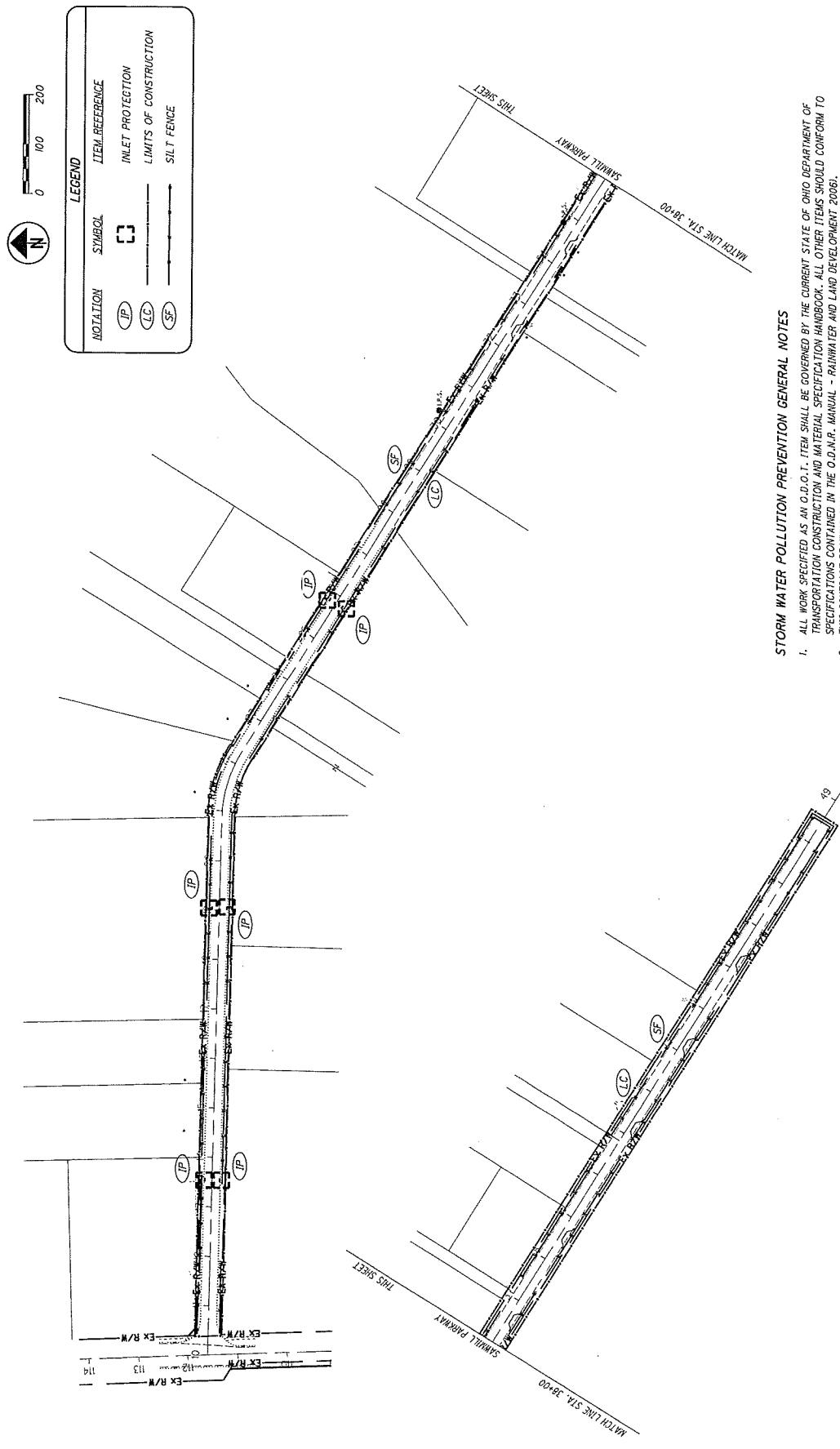
DATE: 08/20/2018
TIME: 10:00 AM
BY: J. M. B. / J. M. B.

NO. 10467
EXP. 12/31/2018

SCALE: AS SHOWN
SHEET NO. 21 OF 24



Chad M. Lewis, PE
Ohio Professional Engineer
No. 10482



NOTATION	SYMBOL	ITEM REFERENCE
(IP)		INLET PROTECTION
(LC)		LIMITS OF CONSTRUCTION
(SF)		SILT FENCE

- STORM WATER POLLUTION PREVENTION GENERAL NOTES**
1. ALL WORK SPECIFIED AS AN O.D.O.T. ITEM SHALL BE COVERED BY THE CURRENT STATE OF OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATION HANDBOOK. ALL OTHER ITEMS SHOULD CONFORM TO SPECIFICATIONS CONTAINED IN THE O.D.O.T. MANUAL - PAVEMENT AND LAND DEVELOPMENT 2006.
 2. THIS CONTRACT DRAWING SHALL BE MADE AVAILABLE ON SITE AT ALL TIMES AND PRESENTED UPON REQUEST. IF UNFORESEEN EROSION IS ENCOUNTERED, ADDITIONAL EROSION AND SEDIMENTATION CONTROL MEASURES MAY BE REQUESTED BY THE OWNER. CITY WILL USE ENGINEER, PROJECT ENGINEER OR SOIL CONSERVATION SERVICE REPRESENTATIVE AT ANYTIME. SUCH REQUESTS SHALL BE IMPLEMENTED IMMEDIATELY AT CONTRACTOR'S EXPENSE.
 3. ALL EROSION AND SEDIMENTATION CONTROL ITEMS SHALL BE INSTALLED AS SHOWN ON THE STORM WATER POLLUTION PREVENTION DETAIL SHEETS.
 4. EROSION CONTROL MEASURES SHALL BE INSTALLED AROUND ALL DIRT OR TOPSOIL STOCKPILES AND OTHER TEMPORARILY DISTURBED AREAS AS SHOWN ON THESE PLANS AND AS DIRECTED BY THE ENGINEER.
 5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN ALL SEDIMENTATION AND EROSION CONTROL ITEMS AT ALL TIMES.

