



City of Bellbrook

15 East Franklin Street

Bellbrook, Ohio 45305

T (937) 848-4666

F (937) 848-5190

www.cityofbellbrook.org

**REQUEST FOR PROPOSALS
And
INSTRUCTIONS
RFP 2022-02**

**City of Bellbrook
Lower Hillside Drive Drainage Improvements**

The City of Bellbrook, a municipal corporation, is seeking bids from qualified firms for the construction and installation of drainage improvements to the storm water system.

Attached to this RFP are the listed Instructions for Bidders/Offerors in the first ten (10) pages of this document. All potential bidders must thoroughly review and certify their understanding of the Instructions and this RFP process.


GENERAL INSTRUCTIONS TO BIDDERS/OFFERORS

For the purposes of this Document, the terms “Bid” and Proposal” have the same meaning, and the terms “Bidder, Offeror, Contractor, Vendor” are intended to mean the company or firm who is the respondent Bidder for this RFP.

- 🌿 The following instructions are to be considered an integral part of this proposal. Unless otherwise requested, three (3) complete copies of the written proposal need be submitted. The person signing the bid/proposal form must initial any changes or corrections made to this proposal.
- 🌿 No proposal may be withdrawn or modified in any way after the bid/proposal-opening deadline. **Quotes must remain valid for ninety (90) days after the quote date.** Quotes submitted with a less than ninety (90) day validity will be found non-responsive and will not be considered.
- 🌿 All bids/proposals must be a final cost.
- 🌿 Bids/Proposals will be received no later than **4:00pm August 12, 2022** at the City of Bellbrook 15 E. Franklin Street Bellbrook, Ohio 45305 at which time they will be opened and publicly read aloud. Bids/proposals received after the above date and time, or in any other location other than the City of Bellbrook City Hall as noted above will not be considered.
- 🌿 A Request for Proposal packet may be obtained from the City of Bellbrook 15 E. Franklin Street Bellbrook, Ohio 45305 or from www.cityofbellbrook.org
- 🌿 If descriptive literature is attached to the bid/proposal, bidder’s name must appear on all sheets.
- 🌿 A cover letter must be attached in the form of a standard business letter containing the Contractor’s name, address and telephone number and must be signed with an original signature, in ink, by an individual authorized to legally bind the Contractor. The letter must contain the following information:
 - A statement describing the Contractor’s legal structure (e.g. corporation, partnership) and providing federal tax identification number and principle place of business.
 - A statement that the person signing the quote certifies that he or she is the person in the Contractor’s organization who has actual authority to make decisions as to matters relating to this RFP and to bind the Contractor.
 - A statement that the quote meets the minimum qualifications set forth in this RFP and accepts all requirements and terms and conditions contained in this RFP.
 - A statement that the Contractor does not discriminate in its employment

practice with regard to race, color, age, religion, sex, veteran status, sexual preference, national origin, or disability


- A statement that no attempt has been made or will be made by the Contractor to induce any other person or firm to submit or not submit a quote.
- A statement that indicates whether the Contractor or any of its agents has a possible conflict of interest with any city employee involved in the RFP and any ensuing Contract(s) or any other conflict of interest and, if so, an explanation of the conflict must be given.


 **Communication:** If there is any question whatsoever regarding any portion of the instructions or specifications, it shall be the bidder's responsibility to seek clarification immediately from the City of Bellbrook **No later than close of business on August 10, 2022** unless otherwise stated in the documents.


All questions shall be submitted in writing or via e-mail to the attention of Ryan Pasley at r.pasley@cityofbellbrook.org If mailed, the address is as follows: City of Bellbrook ATTN: RFP 2022-02, 15 E. Franklin Street Bellbrook, Ohio 45305. Answer(s) to all questions will be answered after the deadline for questions has expired, and posted to the City's web site, if applicable and feasible.


It shall be the bidder's responsibility to check the City's website (www.cityofbellbrook.org) for any and all addendums or modifications.

Under no circumstances should respondents contact City personnel or officials outside of the opportunity provided herein.

 **Proprietary Information:** Any information contained in the RFP response that is proprietary must be clearly designated. Marking of the entire response as proprietary will neither be accepted nor honored. The City cannot guarantee that all such material noted remains proprietary, particularly if it becomes a significant consideration in contract award. Information will be kept confidential only to the extent allowed by Public Records Laws of Ohio.

 Any variation from the specifications must be clearly stated by the bidder in writing and submitted with his/her proposal.

 The apparent silence of any specifications or any supplement specifications to any details or the omission of a detailed description concerning any point shall be regarded as meaning that only the best commercial practices are to prevail, and that only materials of first quality and correct type, size and design are to be used. All workmanship is to be of first quality. All interpretations of this specification shall be made upon the basis of this statement.

 The following bid shall be awarded to one bidder based on the specifications as provided for in Chapter 240 of the Bellbrook Code of Ordinances so the City can determine the "lowest and/or best bidder". An award shall be made to one

vendor for the total bid. Unit prices and extensions will be verified, and total checked. Unit price extension and net total must be shown. Unit price shall prevail unless otherwise stated in the proposal.

👉 The process and description for opening, tabulating and awarding responses to RFP/bids is as follows:

(a) In the case of sealed competitive bids, the bids shall be opened and tabulated publicly by the City Manager. An investigation of the responsibility of the bidders and the responsiveness of the bid shall be made as the City Manager deems necessary. The City Manager shall determine the lowest and/or best bidder. The City may reject all bids if it determines that it is in the best interest of the City to do so.

(b) In the case of competitive proposals, the responses shall be opened publicly by the City Manager. The City may discuss the responses with the proposers to clarify responses and to obtain information needed by the City to determine the lowest and/or best proposal. An investigation of the responsibility of the proposers and the responsiveness of the proposal shall be made as the City Manager deems necessary. The City Manager shall determine the lowest and/or best proposal. The City may reject all proposals if it determines that it is in the best interest of the City to do so.

(c) In the case of two-step competitive proposals (RFQ/RFP), the technical responses shall be opened publicly by the City Manager. The City may discuss the responses with the proposers to clarify responses and to obtain information needed by the City to determine qualified proposers. An investigation of the responsibility of the proposers and the responsiveness of the proposal shall be made as the City Manager deems necessary.

The City Manager shall determine the qualified proposers. The qualified proposers shall then be invited to submit price proposals which shall be opened publicly by the City Manager. The City may discuss responses with the proposers to clarify responses and to obtain information needed by the City to determine the lowest and/or best proposal. If appropriate, the City may request best and final offers. The City Manager shall then determine the lowest and best proposal. The City may reject all proposals if it determines that is in the best interest of the City to do so.

👉 *The City of Bellbrook reserves the right to accept, reject or waive any irregularities in the proposal and/or any and all bids received for the work contemplated herein and to accept or reject any or all proposals and/or bids. The proposal and/or bids will be compared on the basis of the total cost of the project and the award will be made to the lowest and/or best bidder (or bidders), provided the proposal and/or bid is reasonable and is in the best interest of the City (owner) to accept. In determining the lowest and best bid the City (owner), in its sole discretion, may consider factors, including but not limited to, the bidder's work history, (including work done under other names), experience, conduct and performance on previous contracts, management skills, ability to execute the contract properly, customer satisfaction, work on comparable projects, ability to timely complete the work in accordance with the contract*

documents, the Bidder's financial condition and facilities, and the Bidder's compliance with federal, state, and local laws, rules, and regulations, (including but not limited to the Prevailing Wage Laws, Occupational Safety and Health Act, and the State of Ohio's Equal Employment Opportunity Commission requirements, as may be applicable).

👉 The City desires delivery of the material or services specified at the earliest possible time after the date of award. An unreasonable delivery proposal may be cause for disqualifying a bid. Each bidder shall state a definite time and avoid using terms such as "ASAP" or "approximately so many days".

👉 **Insurance:** The Contractor will maintain the following insurance from insurer(s) rated A- or better by A.M. Best in amounts sufficient to protect the Contractor and Owner from claims under Workers Compensation Acts and any other claims for property damage and/or bodily injury, including death, which may arise from the performance of the Work under this Subcontract, whether the Work is performed by the Subcontractor, its subcontractor, or anyone directly or indirectly employed by either of them.

Limits of coverage to be as follows:

(a)	Workers' Compensation Employers Liability/Ohio Stop Gap	Statutory \$ 1,000,000
(b)	Commercial General Liability: Bodily injury/property damage per occurrence General Aggregate Products/Completed Operations Aggregate	\$ 1,000,000 \$ 2,000,000 \$ 2,000,000
(c)	Commercial Automobile Liability: Combined Single Limit (including Owned, Hired, and Non-Owned Autos)	\$1,000,000
(d)	Excess/Umbrella Liability (over Employer's Liability, General Liability, and Auto)	\$ 1,000,000




Liability policy requirements. The General Liability policy must be written on the current edition of ISO form CG 00 01 or equivalent. The policy shall have no modifications limiting coverage for contractual liability, damage to work performed by subcontractors, residential construction, earth movement, explosion, collapse, or underground damage. The policy shall be endorsed to provide that the General Aggregate Limit applies separately to each of the insured Contractor's projects. The Owner (including its officers, directors and employees) shall be named as Additional Insured on the General Liability policy on ISO form CG 20 10 11 85 or its equivalent, affording coverage to Additional Insured(s) for claims arising out of both ongoing and completed operations. Owner shall also receive coverage as an additional insured Contractor's Auto Liability policy. Contractor's policies shall be primary insurance as respects

Owner, and any other insurance policy that Owner may have in effect shall be deemed excess and not contributory. The General Liability policy affording coverage to Owner as Additional Insured must be maintained for three (3) years after completion of the project. If any of the Work is performed by subcontractors, Contractor shall be responsible for ensuring subcontractors comply with these insurance requirements, and extend coverage to both Contractor and Owner as additionally insured.

Installation Floater. Contractor shall purchase and maintain an Installation Floater, covering loss or damage to materials and/or equipment suffered during the course of the Work. This insurance shall include the interests of the Owner, Contractor and any Subcontractors. The policy shall be written on special form and shall cover all materials specified for the job, whether onsite, offsite or in transit.

The Contractor will submit to the Owner certificates of insurance (including a certificate of compliance from the Ohio Bureau of Workers' Compensation for Ohio subcontractors) certifying that the insurance policies required by this agreement are in force and shall be maintained for the duration of the Project. Contractor shall also provide copies of additional insured endorsement(s) as required herein. Full copies of policies shall be provided upon Owner's request. Certificates shall reflect Owner's status as an additional insured and shall provide that Owner is to be provided thirty (30) days advance written notice in the case of cancellation or nonrenewal of the required policies (10 days if cancelled due to nonpayment of premium).

Until said certificate of insurance is properly executed and delivered to the City, the Contractor shall not move its equipment or laborers onto the premises or begin performance of the work specified under an awarded agreement. If the Contractor fails to provide the required insurance, the City of Bellbrook shall have the right to disqualify the Contractor. **Proof of insurance should be included in the submitted bid documents.**

-  **References:** Contractor must provide five (5) references of customers with successful implementations of similar size and scope with work performed within the past five (5) years. Please include name, address, contact and phone number. If sub-contractors or business partners will be used in conjunction with the installation or maintenance of this project, please provide references as stipulated above. **References should be included in bid documents**
-  **Inspection:** It is understood within this agreement that any problems such as equipment failure, unspecified maintenance, lack of performance and any other conditions outlined in the scope of service not performed by the Contractor will be under immediate review by the City of Bellbrook.
-  **License and Permits:** It shall be the responsibility of the successful bidder to obtain all licenses and permits required to perform this service at no additional cost to the City of Bellbrook.

- 🦋 **Timeline:** Provide an estimated, standard timeline for installation, implementation and creative design services. **Timeline should be included in bid documents.**
- 🦋 **Configuration and Pricing:** Bidder must itemize all charges for individually identifiable components of the proposed system, including all associated installation, programming and training if applicable. Bidder must include charges for all components required to connect any applicable applications.

RFP Checklist:

Please review and check off these 10 most important items to consider when responding to an RFP for the City of Bellbrook:

	Read the <u>entire</u> document. Note critical items such as: mandatory requirements; supplies/services required; submittal dates; number of copies required for submittal; contract requirements (i.e., contract performance, insurance requirements, performance and/or reporting requirements, etc.).
	Note the procedures for communication with the City during the RFP process. All communication during the RFP process must be in writing. Offerors should not contact City personnel or officials outside of the opportunity provided in the document.
	Attend the pre-proposal conference if one is offered. These conferences provide an opportunity to ask clarifying questions, obtain a better understanding of the project, or to notify the City of any ambiguities, inconsistencies, or errors in the RFP.
	Take advantage of the “question and answer” period. Submit your questions by the due date listed and view the answers given in the formal “addenda” issued for the RFP. All addenda issued for an RFP are posted on the City’s website and will include all questions asked and answered concerning the RFP.
	Follow the format required in the RFP when preparing your response. Provide point-by-point responses to all sections in a clear and concise manner.
	Provide complete answers/descriptions. Read and answer all questions and requirements. Don’t assume the City or the evaluating staff will know what your company capabilities are or what items/services you can provide, even if you have previously contracted with the City of Bellbrook. The proposals are evaluated based solely on the information and materials provided in your response.
	Use the forms provided, if any. e.g., bidders submittal page, reference forms, attachment forms, etc.

	<p>Before submitting your response, check the City’s website at: www.cityofbellbrook.org/Pages/Bids to see whether any addenda were issued for the RFP.</p>
	<p>Review and read the RFP document again to make sure that you have addressed all requirements. Your original response and the requested copies must be identical and be complete. The copies are provided to the evaluating staff members and will be used to score your response.</p>
	<p>Submit your response on time. Note all the dates and times listed in the RFP and be sure to submit all required items on time. Late proposal responses are <i>never</i> accepted.</p>

Please Note:

All potential contractors are strongly urged to submit supporting documentation as to their qualifications to perform the Scope of Work.

Certificate of Insurance, Reference List and Timeline must be attached.

If additional comments or conditions are desired, please attach a separate sheet providing details.

Include all proposed equipment specifications; showing manufacturer name, model, etc. depicting unit specifications and other pertinent information.

Certification:

The undersigned on the Bid Proposal certifies that the Instructions to Bidder has been carefully examined, is thoroughly familiar with the terms and specifications applicable to and made part of this Request for Proposal, and understands and is capable of meeting the provisions within to the quality, type and grade of work requested. The undersigned further certifies the prices shown in the schedule of items contained within the Proposal/Bid are in accordance with the conditions, terms and specifications of the proposal and that any exception taken thereto may disqualify the bid.

Signature

Date

Print Name

Title

Email Address

Phone

Company Name

City of Bellbrook Request for Proposals

RFP 2022-02

Advertised as: Lower Hillside Drive Drainage Improvements

Release Date: July 25, 2022

Closing Date: August 12, 2022

1. General Information

- 1.1. The City of Bellbrook invites qualified firms to submit proposals for the construction and installation of drainage improvements as designed in the attached project construction documents. Proposals shall be submitted in accordance with the Documents and Requirements as set forth in this formal "Request for Proposals." The Contract that will result from this "Request for Proposals" will include what is indicated in Section 4 "Scope of Work" of this RFP.
- 1.2. A City Review and Selection Committee will evaluate the proposals submitted.
- 1.3. During evaluation, the City Review and Selection Committee reserves the right, where it may serve the City's best interest, to request additional information or clarification from the Offeror, or to allow corrections of errors or omissions. Oral interviews may be conducted by the City Review and Selection Committee for the Contractors who submit a Proposal and were short listed.
- 1.4. Submission of a proposal indicates acceptance by the Offeror of the conditions contained in this Request for Proposals, unless clearly and specifically noted in the proposal submitted and confirmed in the resultant contract between the City of Bellbrook and the Contractor selected.
- 1.5. There is no expressed or implied intent or obligation for the City of Bellbrook to reimburse responding firms for any expenses incurred in preparing proposals, as well as, travel expenses during interviews in response to this Request for Proposals.
- 1.6. The City of Bellbrook shall reserve the right to terminate any agreement resultant from this solicitation and subsequent action for cause but not limited to inadequacy of performance.

2. Contact Person/Communication

- 2.1. Until the receipt and opening of proposals, the proposers' principal contact with the City of Bellbrook will be as listed below. All questions are to be submitted in writing and potential Bidders will receive copies of all questions and answers except for the questions that are considered proprietary. Questions will only be received through August 10, 2022

Ryan Pasley
City of Bellbrook
15 E. Franklin St.
Bellbrook, Ohio 45305
Email: r.pasley@cityofbellbrook.org

2.2. All contacts and communication regarding the proposal should be with the above named individual only. Bidders contacting other City Staff or Officials may be disqualified for doing so.

3. Background Information

The City of Bellbrook a municipal corporation, The City of Bellbrook, a municipal corporation, is seeking bids from qualified firms for the construction and installation of drainage improvements to the storm water system on Lower Hillside Drive. The area has a history of flooded roadways, often times having surface water flood onto the property of adjacent homeowners. There is existing storm drains that have been determined to be inadequate and the design of this project is intended to increase the collection and flow of surface storm water.

4. Scope of Work

4.1. The following is a list of provisions and requirements falling under the expected Scope of Work:

- a) Construction and installation of drainage improvements in accordance to the Construction Documents contained herein as Attachment

5. RFP Requirements:

5.1. Submitting RFP Proposal packages:

- a) Offeror will submit a comprehensive and thorough written plan for installation of the draining improvements as detailed in the Construction Documents as referenced in Attachment A. Pricing must be listed on the proposal, and no sales tax should be included.

6. Evaluation of Proposals and Required Information

6.1. Proposals submitted will be evaluated by the City Review and Selection Committee.

6.2. The Committee may call for oral interviews. The City reserves the right to retain all proposals submitted and use and idea in a proposal regardless of whether or not said proposal is selected.

6.3. The evaluation factors considered in the selection process will weigh heavily into the City's decision making process. These evaluation requirements are considered to be minimum requirements. More points may be awarded for exceeding the minimum requirements.

7. Right to Reject Proposals

- 7.1. Submission of proposals indicates acceptance by the Offering Firm of the Conditions contained in this RFP, unless clearly and specifically noted in the proposal submitted and confirmed in the subsequent Agreement between the City of Bellbrook and the selected firm.
- 7.2. The City of Bellbrook reserves the right to reject any or all proposals and to award to the proposer the City determines to be most qualified and whose award of the contract will be in the best interests of the City.
- 7.3. Late proposals will not be accepted. Offerors are held responsible that their proposals arrive at the City of Bellbrook on or before the designated date and time.

8. Withdrawal of Proposals

- 8.1. Requests to withdraw proposals received after the date and time set for bid opening will not be considered. Only requests to withdraw proposals prior to that date and time will be considered.

9. Contract Termination

- 9.1. The City of Bellbrook reserves the right to terminate any subsequent Agreement or Contract as a result of this RFP if the Contractor does not perform as required by the Terms and Conditions therein.

*** END OF DOCUMENT ***

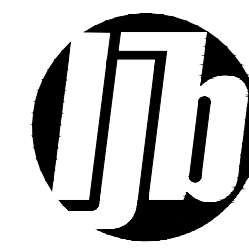
LOWER HILLSIDE DRIVE DRAINAGE IMPROVEMENTS

CITY OF BELLBROOK
15 EAST FRANKLIN STREET
BELLBROOK, OHIO 45305

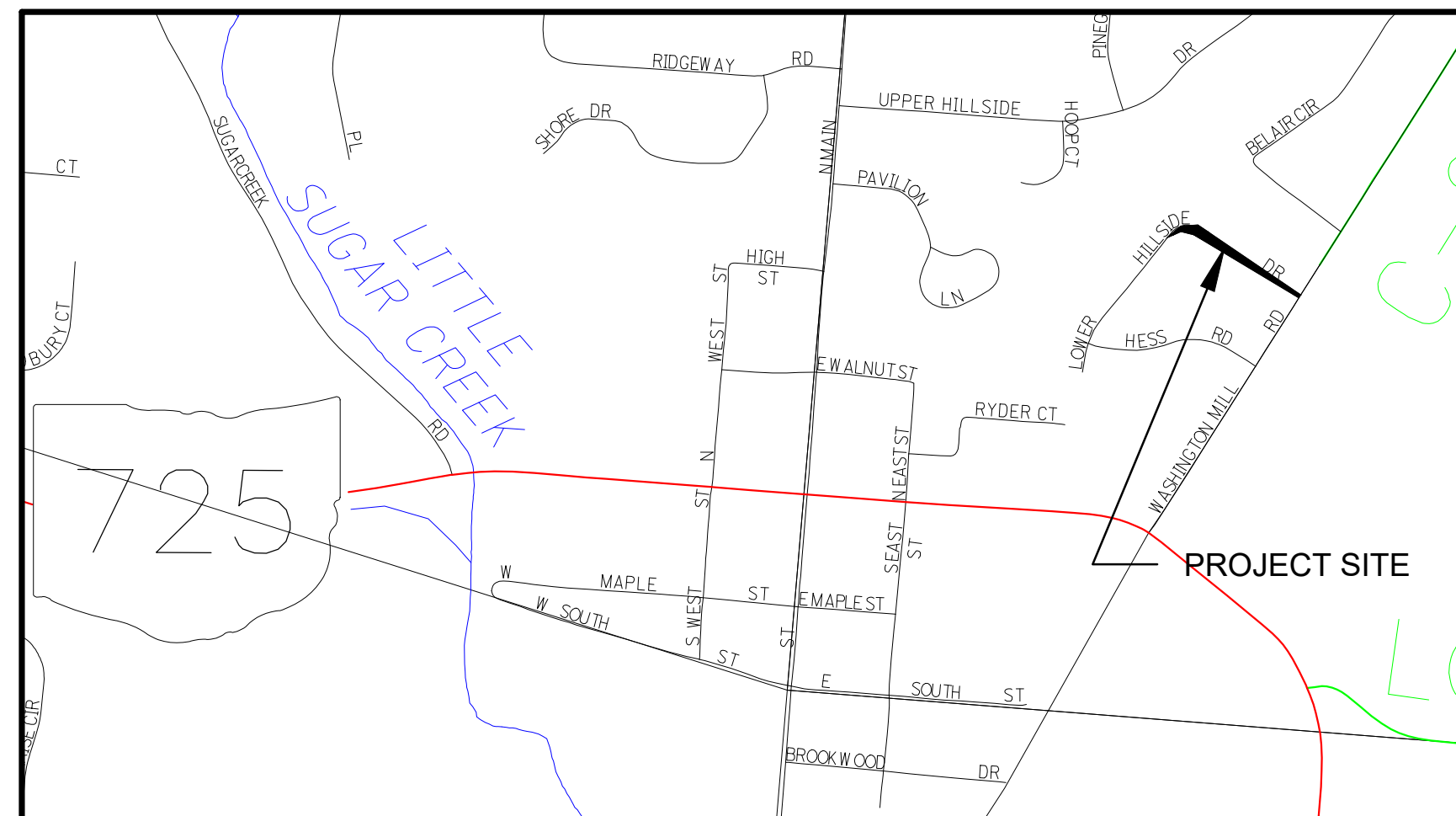
LEGEND : LIFESTYLES & SYMBOLS

- ☎ EX. TELEPHONE/POWER POLE
 - ☎ EX. ELECTRICAL BOX
 - ☎ EX. COMMUNICATION BOX
 - ☎ EX. TV BOX
 - +TEL EX. TELEPHONE MARKER
 - ⚡ EX. FIRE HYDRANT
 - ⚡ EX. WATER VALVE
 - ⚡ EX. WATER METER
 - ⚡ EX. GAS VALVE
 - +G EX. GAS MARKER
 - +E EX. ELECTRICAL MARKER
 - ☒ EX. CATCH BASIN
 - ⊙ EX. YARD DRAIN
 - ☒ EX. CURB INLET
 - ⊙ EX. STORM MANHOLE
 - ⊙ EX. CLEAN OUT
 - ⊙ EX. SANITARY MANHOLE
 - ⊙ EX. ELECTRICAL TRANSFORMER
 - MB EX. MAILBOX
 - MB EX. MONUMENT BOX
-
- G--- EX. GAS LINE
 - E--- EX. ELECTRIC LINE
 - EX. STORM LINE
 - SAN--- EX. SANITARY LINE
 - T--- EX. COMMUNICATION LINE
 - FO+--- EX. FIBER OPTIC LINE
 - W--- EX. WATER LINE
 - OH-E--- EX. OVERHEAD POWER
 - Ex SW--- EX. SEWER EASEMENT
 - Ex R/W--- EX. RIGHT OF WAY LINE
 - Ex SH--- EX. STD. HIGHWAY EASEMENT
 - Ex U--- EX. UTILITY EASEMENT
 - P--- EX. PROPERTY LINE
 - --- PROP. DITCH LINE
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 - Tree (Remove) [Symbol], Shrub (Remove) [Symbol]
 - Evergreen (Ex) [Symbol], Stump [Symbol]
 - Evergreen (Remove) [Symbol], Stump (Remove) [Symbol]

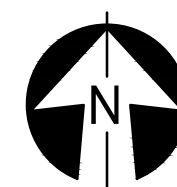
PROJECT TEAM



LJB Inc.
2500 Newmark Drive
Miamisburg, OH 45342
(937) 259-5000 tel
(937) 259-5100 fax
LJBinc.com



VICINITY MAP
NOT TO SCALE



UNDERGROUND UTILITIES
CONTACT BOTH SERVICES
CALL TWO WORKING DAYS
BEFORE YOU DIG

CALL
1-800-362-2764
(TOLL FREE)

OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS
MUST BE CALLED DIRECTLY

OIL & GAS PRODUCERS UNDERGROUND
PROTECTION SERVICE CALL: 1-800-925-0988

CITY OF BELLBROOK

ROB SCHOMMER, CITY MANAGER
RYAN PASLEY, SERVICE DIRECTOR

DRAWING INDEX

GENERAL INFORMATION

- G101 TITLE SHEET
- G102 GENERAL NOTES
- G103 GENERAL NOTES
- G104 MOT GENERAL NOTES

CIVIL

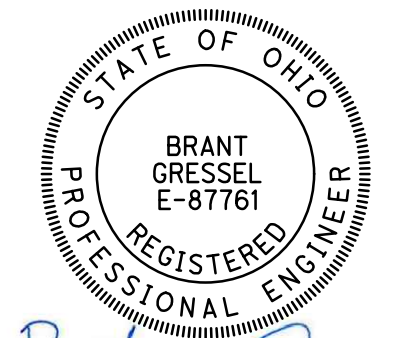
- C101 PLAN AND PROFILE STA. 10+00 TO STA. 14+00
- C102 PLAN AND PROFILE STA. 14+00 TO STA. 17+00

NOTE:
THE LOCATIONS OF UNDERGROUND FACILITIES SHOWN ON THIS PLAN ARE BASED ON FIELD SURVEYS AND LOCAL UTILITY COMPANY RECORDS. IT SHALL BE THE CONTRACTOR'S FULL RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES TO LOCATE THEIR FACILITIES PRIOR TO STARTING CONSTRUCTION. NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR DAMAGE AND REPAIR TO THESE FACILITIES CAUSED BY HIS WORK FORCE.

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RELEASES / REVISIONS

REV	DATE	RELEASED FOR
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DATE: 06/22/2022

JOB NUMBER	DATE
0122832A.00	06/21/2022

SHEET NUMBER
G101

UTILITIES

GAS

CENTERPOINT ENERGY
6500 CLYO ROAD
CENTERVILLE, OHIO 45459

JEFFREY PIKE
(937) 312-2539

TELECOMMUNICATIONS

AT&T
3233 WOODMAN DRIVE
DAYTON, OHIO 45420

ALAN STUTES

WATER

CITY OF BELLBROOK
29 NORTH WEST STREET
BELLBROOK, OHIO 45305

RYAN PASLEY
(937) 848-8415

SANITARY

GREENE COUNTY SANITARY ENGINEERING
667 DAYTON-XENIA ROAD
XENIA, OHIO 45385

MARISSA RAGLIN
(937) 562-7461

SURVEY PARAMETERS

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING. SEE THIS SHEET FOR FOR A TABLE CONTAINING PROJECT CONTROL INFORMATION. USE THE FOLLOWING PROJECT CONTROL, VERTICAL POSITIONING, AND HORIZONTAL POSITIONING PARAMETERS FOR ALL SURVEYING:

PROJECT CONTROL
POSITIONING METHOD: ODOT VRS
MONUMENT TYPE: IRON PIN W/LJB CAP & MAG NAIL

VERTICAL POSITIONING
ORTOMETRIC HEIGHT DATUM: NAVD88
GEOID: GEOID18 (CONUS)

HORIZONTAL POSITIONING
REFERENCE FRAME: NAD83 (2011)
ELLIPSOID: GRS80
MAP PROJECTION: LAMBERT CONFORMAL CONIC
COORDINATE SYSTEM: OHIO STATE PLANE SOUTH 3402
COMBINED SCALE FACTOR: 1.00008588 (GRID TO GROUND)
BASE POINT FOR SCALE FACTOR: 600545.869, 1527994.529

USE THE POSITIONING METHODS AND MONUMENT TYPE USED IN THE ORIGINAL SURVEY TO RESTORE ALL MONUMENTS RELATED TO PRIMARY PROJECT CONTROL THAT ARE DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES. RESTORE THE DAMAGED OR DESTROYED MONUMENTS IN ACCORDANCE WITH CMS 623. UNITS ARE IN U.S. SURVEY FEET.

CONSTRUCTION ACTIVITIES

ACTIVITIES AND LAND USE ADJACENT TO THIS PROJECT MAY BE AFFECTED BY CONSTRUCTION NOISE. IN ORDER TO MINIMIZE ANY ADVERSE CONSTRUCTION NOISE IMPACTS, DO NOT OPERATE POWER-OPERATED CONSTRUCTION-TYPE DEVICES BETWEEN THE HOURS OF 8 AM AND 8 PM. IN ADDITION, DO NOT OPERATE AT ANY TIME ANY DEVICE IN SUCH A MANNER THAT THE NOISE CREATED SUBSTANTIALLY EXCEEDS THE NOISE CUSTOMARILY AND NECESSARILY ATTENDANT TO THE REASONABLE AND EFFICIENT PERFORMANCE OF SUCH EQUIPMENT

WORK LIMITS

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. PROVIDE THE INSTALLATION AND OPERATION OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

ITEM 638 - WATER WORKS MISC: WATER MAIN LOWERING

ALL MATERIAL AND LABOR ASSOCIATED WITH LOWERING THE 6" WATER MAIN UNDERNEATH THE PROPOSED 24" STORM SEWER SHALL IN INCLUDED IN THIS ITEM. THIS CONSISTS OF, BUT ISN'T LIMITED TO, PIPE REMOVAL, VALVES, FITTINGS AND/OR BENDS, AS WELL AS ANY FULL DEPTH PAVEMENT RESTORATION NEEDED TO RETURN LOWER HILLSIDE DRIVE/WASHINGTON MILL ROAD TO IT'S ORIGINAL CONDITION.

THIS ITEM SHALL STRICTLY FOLLOW CITY OF BELLBROOK STANDARDS FOR WATER MAIN INSTALLATION.

PAVEMENT BUILD-UP

THE FOLLOWING PAVEMENT BUILD-UPS ARE TO BE FOLLOWED WHEN PERFORMING FULL DEPTH ASPHALT REPAIR AND MILL AND OVERLAY, RESPECTIVELY:

FULL DEPTH
ITEM 441 - 1.50" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
ITEM 407 - TACK COAT (APPLIED AT 0.055 GAL/SY)
ITEM 441 - 2.75" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
ITEM 304 - 9" AGGREGATE BASE
ITEM 202 - PAVEMENT REMOVED

MILL AND OVERLAY
ITEM 441 - 1.50" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
ITEM 407 - TACK COAT (APPLIED AT 0.085 GAL/SY)
ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 1.50")

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, 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, NOTIFY THE ENGINEER BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WILL BE AFFECTED BY THE VARIANCE IN THE EXISTING ELEVATIONS.

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

PAYMENT FOR ALL THE OPERATIONS DESCRIBED ABOVE IS INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEM

SEEDING AND MULCHING

THE FOLLOWING QUANTITIES ARE PROVIDED TO PROMOTE GROWTH AND CARE OF PERMANENT SEEDED AREAS:

ITEM 659, TOPSOIL	7 CY
ITEM 659, SEEDING AND MULCHING	62 SY
ITEM 659, REPAIR SEEDING AND MULCHING	4 SY
ITEM 659, INTER-SEEDING	4 SY
ITEM 659, COMMERCIAL FERTILIZER	0.01 TON
ITEM 659, LIME	0.02 ACRES
ITEM 659, WATER	1 M GAL

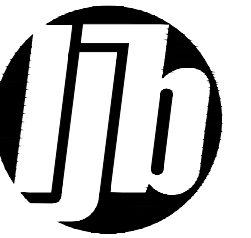
APPLY SEEDING AND MULCHING S TO ALL AREAS OF EXPOSED SOIL BETWEEN THE RIGHT-OF-WAY LINES AND WITHIN THE CONSTRUCTION LIMITS FOR AREAS OUTSIDE THE RIGHT-OF-WAY LINES COVERED BY WORK AGREEMENT OR SLOPE EASEMENT. QUANTITY CALCULATIONS FOR SEEDING AND MULCHING ARE BASED ON THESE LIMITS.

REVIEW OF DRAINAGE FACILITIES

PRIOR TO THE START OF WORK AND AGAIN BEFORE FINAL ACCEPTANCE, PERFORM AN INSPECTION, WITH REPRESENTATIVES OF CITY AND CONTRACTOR, OF ALL EXISTING DRAINAGE FACILITIES THAT ARE TO REMAIN IN SERVICE WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCES IS DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTION ARE MAINTAINED BY THE DEPARTMENT.

CONFIRM ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE-MENTIONED PARTIES ARE MAINTAINED AND LEFT IN A CONDITION COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. THE CONTRACTOR IS RESPONSIBLE TO CORRECT ANY CHANGE IN THE CONDITION RESULTING FROM THEIR OPERATIONS AS DIRECTED AND APPROVED BY THE ENGINEER.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE IS INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEMS



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BELLBROOK, OHIO 45305



LOWER HILLSIDE DRIVE DRAINAGE IMPROVEMENTS

BELLBROOK, OHIO

REV	DATE	RELEASED FOR
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CHECKED	MAG		

SHEET TITLE

GENERAL NOTES

SHEET NUMBER

G102

PROJECT CONTROL

NAME	GRID		GROUND		ELEVATION	DESCRIPTION
	NORTHING	EASTING	NORTHING	EASTING		
1	600543.88	1528152.62	600543.88	1528152.63	767.72	IRON PIN W/LJB CAP
2	600385.40	1528018.73	600385.39	1528018.73	769.46	IRON PIN W/LJB CAP
3	600784.80	1527616.37	600784.82	1527616.34	768.22	MAG NAIL
4	600615.90	1527942.87	600615.91	1527942.87	770.26	MAG NAIL
5	600711.67	1527747.33	600711.69	1527747.31	768.34	MAG NAIL

STORM SEWER PIPE

ALL STORM SEWER PIPE SHALL HAVE A MINIMUM DIAMETER OF 12", UNLESS OTHERWISE SHOWN. STORM SEWER PIPE WITH A DIAMETER LESS THAN 12" SHALL BE APPROVED BY THE CITY PRIOR TO INSTALLATION.

ALL PIPE MATERIALS SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS FOR DEPTH

<u>PIPE MATERIAL GREATER THAN 2' OF COVER</u>	<u>ODOT CMS NUMBER</u>
REINFORCED CONCRETE PIPE	706.02
REINFORCED CONCRETE ELLIPTICAL PIPE	706.04
CORRUGATED POLYETHYLENE SMOOTH-LINED PIPE (N-12)	707.33
POLYVINYL CHLORIDE PLASTIC PIPE (NON-PERFORATED)	707.41
POLYPROPYLENE (HD-ADS) DOUBLE WALL 12"-30"	707.65

<u>PIPE MATERIAL LESS THAN 2' OF COVER</u>	
REINFORCED CONCRETE PIPE	706.02
REINFORCED CONCRETE ELLIPTICAL PIPE	706.04

THE CITY RESERVES THE RIGHT TO REJECT THE TYPE OF PIPE MATERIAL SUBMITTED, IF THEY SO CHOOSE.

STANDARD CONSTRUCTION DRAWING AND SUPPLEMENTAL SPECIFICATION LIST

ODOT CB-2-2C	REVISED 07/16/2021
ODOT BP-3.1	REVISED 01/21/2022
ODOT BP-5.1	REVISED 01/21/2022
ODOT HW-2.1 OR 2.2	REVISED 07/20/2018
ODOT MT-97.10	REVISED 04/19/2019
ODOT MT-101.60	REVISED 01/17/2020
ODOT SS 800	REVISED 05/02/2022
ODOT SS 832	REVISED 10/19/2018

PROJECT CENTERLINE COORDINATES - GROUND				
NAME	NORTHING	EASTING	STATION	DESCRIPTION
POT	600815.03	1527614.34	10+00.00	
PI	600803.56	1527630.72	10+20.00	CB-2-2C
PI	600782.06	1527661.28	10+57.37	CB-2-2C
PI	600740.12	1527707.62	11+19.86	CB-2-2C
PI	600659.41	1527832.60	12+68.64	CB-2-2C
PI	600502.06	1528076.20	15+58.64	CB-2-2C
PI	600475.95	1528115.74	16+06.03	HW-2.1 OR 2.2
PI	600473.01	1528125.04	16+15.78	
PI	600462.18	1528135.00	16+30.49	
PI	600450.29	1528141.96	16+44.27	
PI	600431.09	1528147.46	16+64.24	
POT	600396.38	1528156.09	17+00.00	



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CITY OF BELLBROOK

15 E. FRANKLIN STREET
BELLBROOK, OHIO 45305



**LOWER HILLSIDE DRIVE
DRAINAGE IMPROVEMENTS**

BELLBROOK, OHIO

REV	DATE	RELEASED FOR

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GENERAL NOTES

SHEET NUMBER

G103

ITEM 614 - MAINTAINING TRAFFIC

LOWER HILLSIDE DRIVE SHALL HAVE A MINIMUM OF ONE LANE OF TRAFFIC MAINTAINED AT ALL TIMES DURING CONSTRUCTION BY USE OF THE EXISTING PAVEMENT.

WASHINGTON MILL ROAD SHALL BE CLOSED FOR NO LONGER THAN 48 HOURS (OR AS APPROVED BY THE ENGINEER) TO INSTALL THE PROPOSED 24" STORM SEWER ACROSS WASHINGTON MILL ROAD. LOWER HILLSIDE DRIVE IS TO BE USED AS A LOCAL DETOUR ROUTE FOR THE DURATION OF THE WASHINGTON MILL CLOSURE.

IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. CLOSURES OR RESTRICTIONS IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

THE CONTRACTOR SHALL ERECT ROAD CLOSED (R11-2) SIGNS AND APPLICABLE ADVANCE WARNING SIGNS, PER ODOT SCD MT-101.60.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH ODOT CONSTRUCTION AND MATERIALS SPECIFICATIONS ITEM 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

ITEM 614 - MAINTAINING TRAFFIC (NOTICE OF CLOSURE SIGNS)

NOTICE OF CLOSURE SIGNS SHALL BE ERECTED BY THE CONTRACTOR AT LEAST ONE WEEK IN ADVANCE OF THE SCHEDULED ROAD CLOSURE. THE SIGNS SHALL BE ERECTED ON THE RIGHT-HAND SIDE OF THE ROAD FACING TRAFFIC. THEY SHALL BE PLACED SO AS NOT TO INTERFERE WITH THE VISIBILITY OF ANY OTHER TRAFFIC CONTROL SIGNS. ON ROADWAYS, THEY SHOULD BE ERECTED AT THE POINT OF CLOSURE. DURING THE TIME THAT TRAFFIC IS DETOURED, THE CONTRACTOR SHALL MAINTAIN SIGNS AS DESCRIBED BELOW. ONCE THE WORK REQUIRING A DETOUR HAS BEEN COMPLETED, OPEN THE ROAD TO TRAFFIC AND REMOVE THE DETOUR SIGNING, RETURNING TRAFFIC TO ITS NORMAL PATTERN.

DETOUR ROUTE

FOR STORM SEWER WORK PLANNED ACROSS WASHINGTON MILL ROAD, A LOCAL DETOUR ROUTE IS ANTICIPATED.

VEHICLES TRAVELING NORTHEAST OR SOUTHWEST ON WASHINGTON MILL WILL BE DETOURED VIA LOWER HILLSIDE DRIVE AND HESS ROAD.

ADVANCE WARNING SIGNS SHALL BE PLACED IN ACCORDANCE WITH ODOT CONSTRUCTION AND MATERIALS SPECIFICATIONS ITEM 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC.

MAINTAINING DRIVEWAY ACCESS

MINIMIZE THE AMOUNT OF TIME ACCESS TO DRIVEWAYS IS RESTRICTED. STORM SEWER TRENCHES THAT CROSS DRIVEWAY ACCESSES SHALL BE BROUGHT TO GRADE WITHIN A REASONABLE TIME FRAME OF STORM SEWER PIPE BEING INSTALLED. THE CONTRACTOR SHALL MAINTAIN ACCESS FOR FIRE, POLICE, RECYCLING AND TRASH COLLECTION TO ALL RESIDENCES ALONG LOWER HILLSIDE DRIVE AND WASHINGTON MILL ROAD. THE CONTRACTOR SHALL NOTIFY RESIDENCES AT LEAST 48 HOURS PRIOR TO DRIVE CLOSURES. DRIVE ACCESS FOR EACH DRIVE SHALL BE MAINTAINED BETWEEN THE HOURS OF 8:30 PM AND 7:30 AM.

SEQUENCE OF CONSTRUCTION

WATER MAIN LOWERING TO OCCUR PRIOR TO STORM SEWER WORK COMMENCING. CLOSE THE SOUTHBOUND LAND OF WASHINGTON MILL ROAD USING FLAGGERS, PER ODOT SCD MT-97.10.

CLOSE WASHINGTON MILL ROAD, AS NECESSARY TO COMPLETE 24" STORM SEWER INSTALLATION (INCLUDING DOWNSTREAM HEADWALL, UPSTREAM CATCH BASIN, AND ASSOCIATED DITCH RE-GRADING). CLOSURE SHALL BE FOR A MAXIMUM OF 48 HOURS (OR AS APPROVED BY THE ENGINEER) AND DETOUR ROUTE SHALL FOLLOW ROUTE DESCRIBED ON THIS SHEET.

REPLACE ANY PAVEMENT MARKINGS DAMAGED/REMOVED ALONG WASHINGTON MILL ROAD PRIOR TO PERFORMING WORK ALONG LOWER HILLSIDE DRIVE.

PERFORM 1.50" OF PAVEMENT PLANING ALONG LOWER HILLSIDE DRIVE, TO THE LIMITS SHOWN ON THE PLANS, BEFORE PERFORMING SAW CUTTING FOR CONTINUED STORM SEWER INSTALLATION.

THE EDGE OF ONE-WAY ALONG LOWER HILLSIDE DRIVE SHALL BE A MINIMUM OF 6 FEET AWAY FROM EDGE OF THE STORM SEWER TRENCH AT ALL TIMES. STORM SEWER TRENCHES SHALL BE BROUGHT TO WITHIN 1.50" OF GRADE EACH NIGHT BEFORE OPENING LOWER HILLSIDE DRIVE TO TWO-WAY TRAFFIC.

AFTER ALL STORM SEWER, CATCH BASINS AND PROPOSED CURB HAVE BEEN INSTALLED, COMPLETE ASPHALT PAVING WITH 1.50" OF SURFACE COURSE, WITHIN THE RESURFACING LIMITS SHOWN IN THE PLANS.



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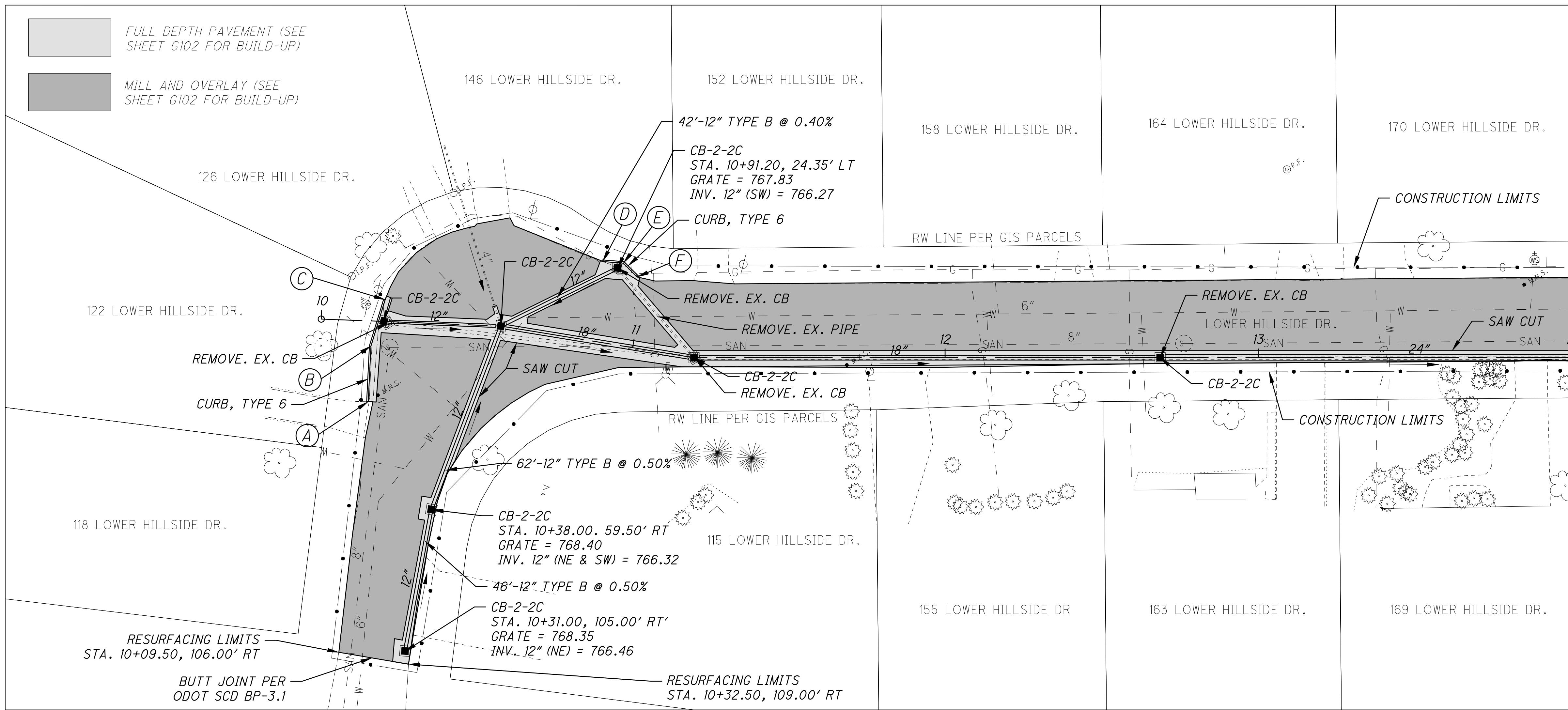
**LOWER HILLSIDE DRIVE
DRAINAGE IMPROVEMENTS**

BELLBROOK, OHIO

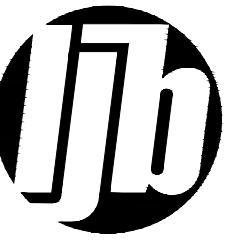
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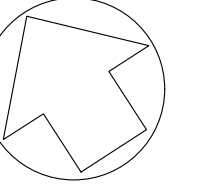
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MATCH LINE SEE SHEET C102



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VERTICAL: 1"=5'
 HORIZONTAL: 1"=20'
 0 20 40
 GRAPHIC SCALE

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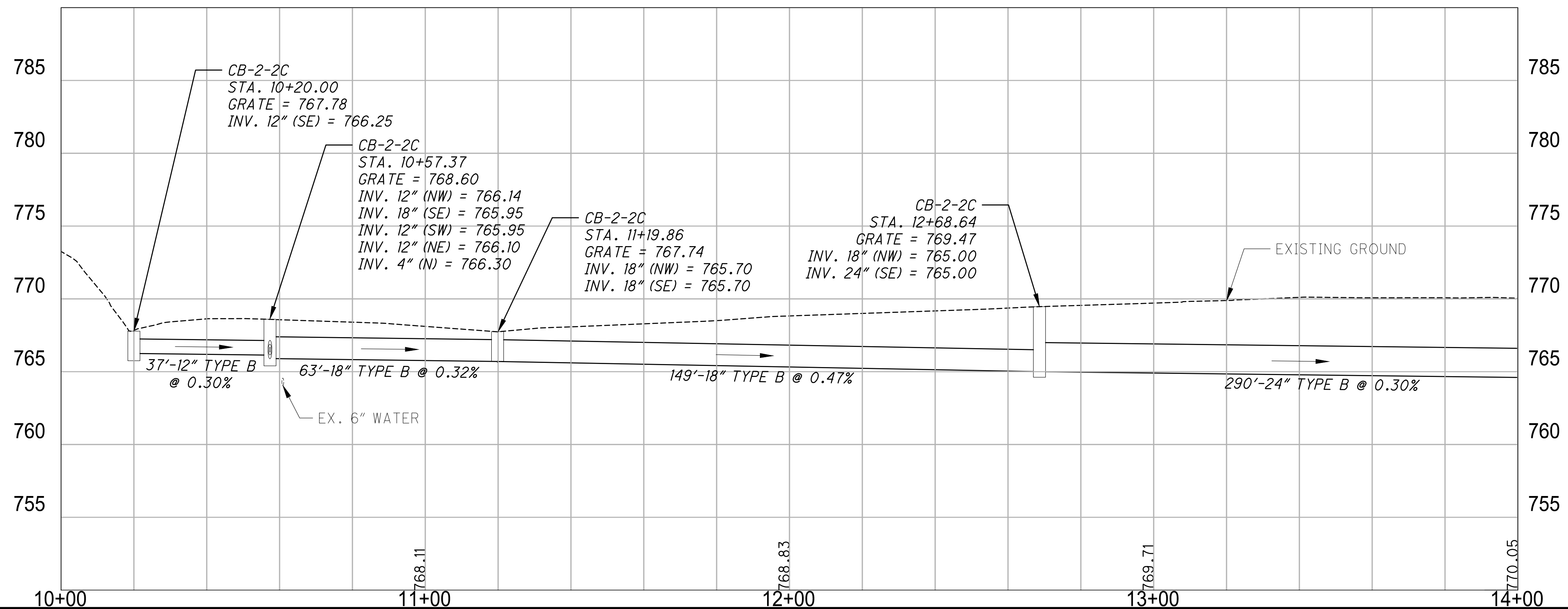


**LOWER HILLSIDE DRIVE
 DRAINAGE IMPROVEMENTS**

BELLBROOK, OHIO

FACE OF CURB DATA

- (A) STA. 10+15.98, 25.79' RT; ELEV. 768.24
- (B) STA. 10+16.18, 7.98' RT; ELEV. 768.05
- (C) STA. 10+20.13, 6.94' LT; ELEV. 768.12
- (D) STA. 10+86.12, 25.58' LT; ELEV. 768.15
- (E) STA. 10+92.69, 26.14' LT; ELEV. 767.83
- (F) STA. 10+97.77, 22.50' LT; ELEV. 768.16



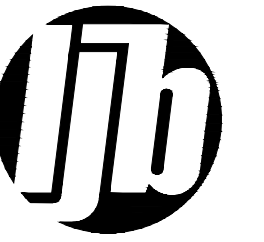
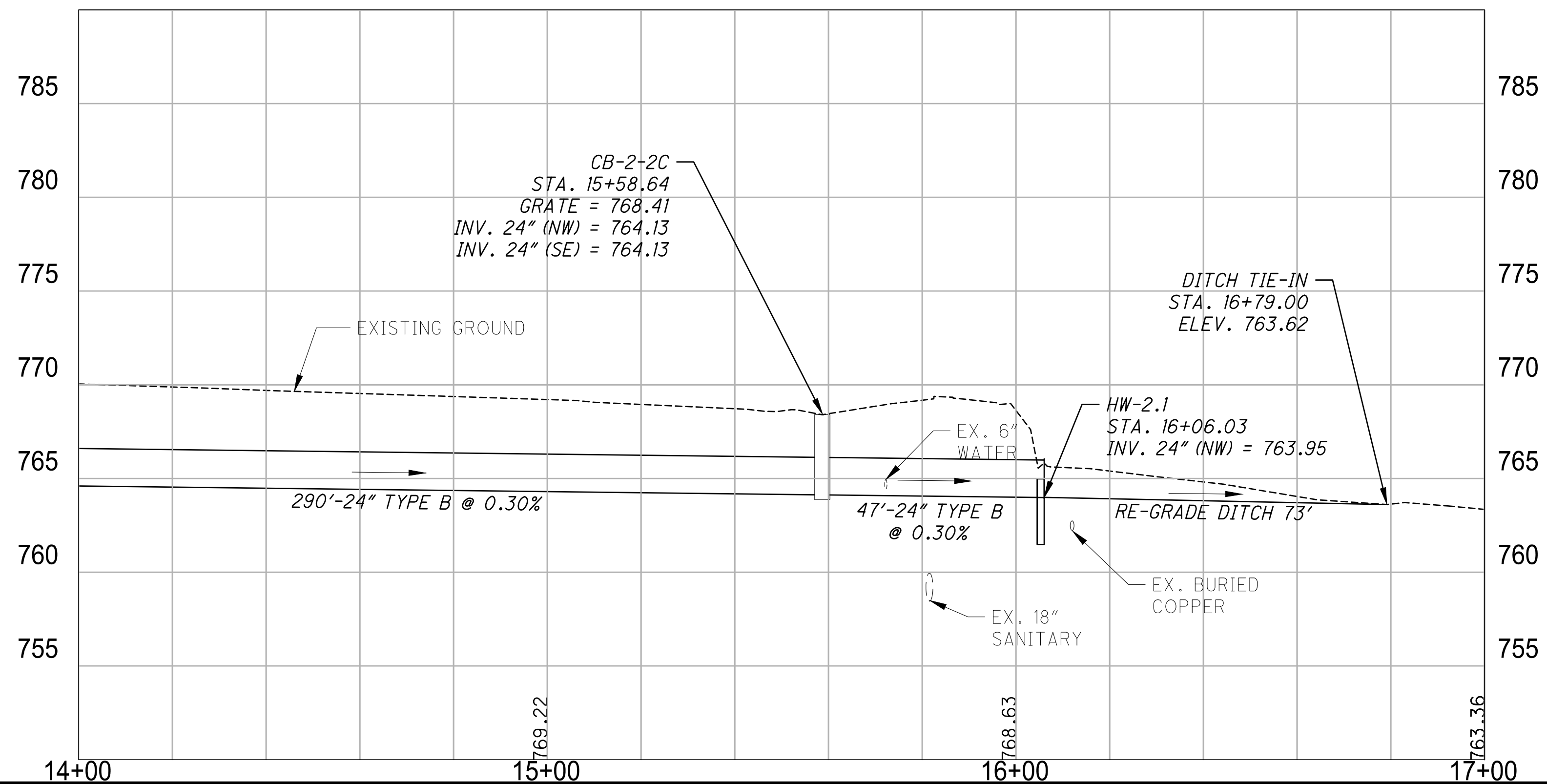
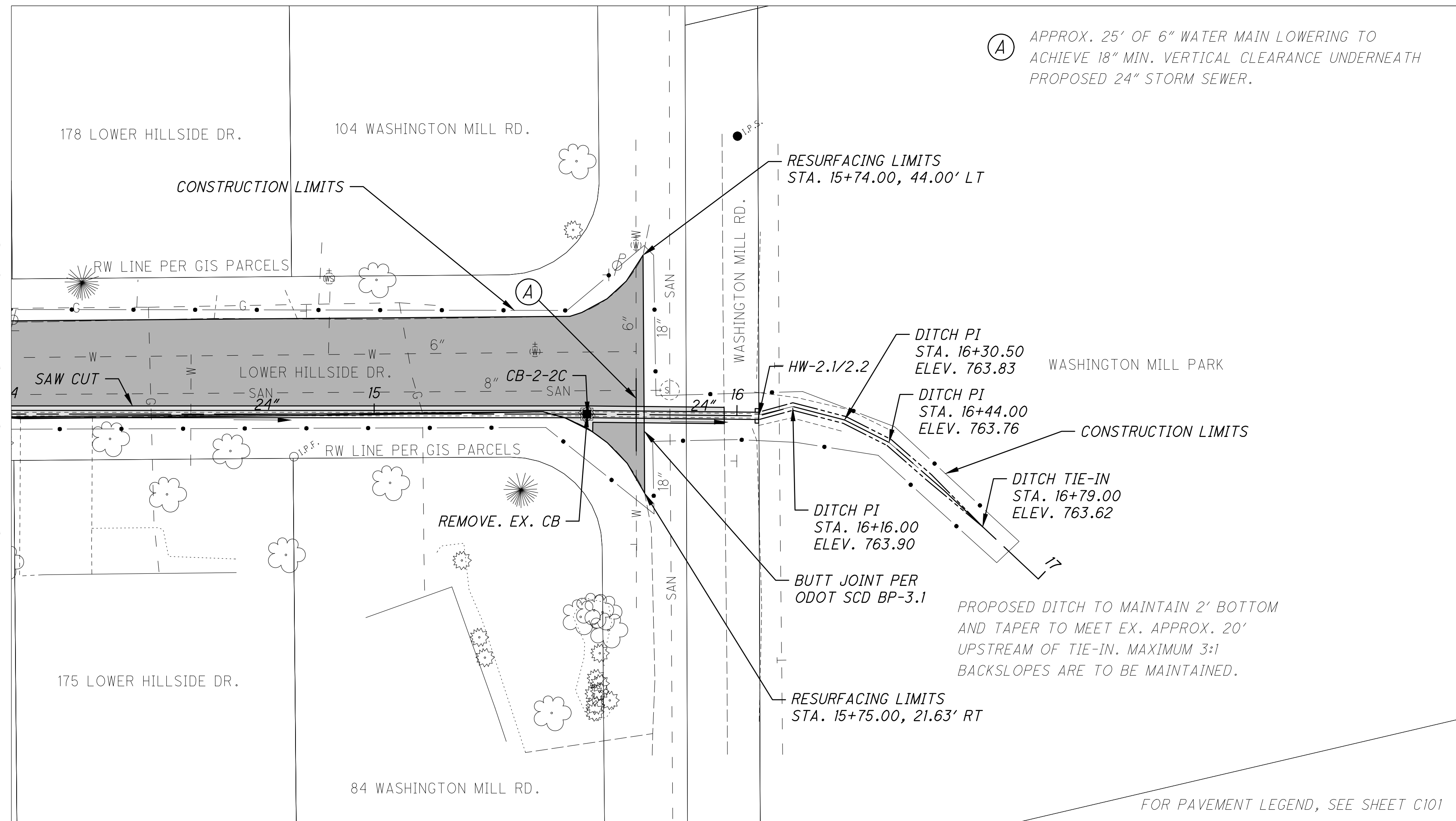
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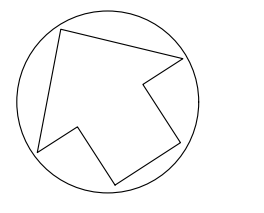
**PLAN AND PROFILE
 STA. 10+00.00
 TO
 STA. 14+00.00**

SHEET NUMBER
C101

MATCH LINE SEE SHEET C101



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VERTICAL: 1"=5'
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0 20 40
GRAPHIC SCALE

CITY OF BELLBROOK

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**LOWER HILLSIDE DRIVE
DRAINAGE IMPROVEMENTS**

BELLBROOK, OHIO

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SHEET TITLE
**PLAN AND PROFILE
STA. 14+00.00
TO
STA. 17+00.00**

SHEET NUMBER
C102

RFP 2022-02

Attachment B

Estimate Lower Hillside

Estimated Cost:\$191,901.72

Contingency: 5.00%

Estimated Total: \$201,496.81

Inflation (5.0%) = Contingency (5.0%)

Base Date: 06/22/22

Spec Year: 19

Unit System: E

Work Type: DRAINAGE: BOX CULVERTS AND PIPE WORK

Highway Type:

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: GREENE

Latitude of Midpoint: 393838

Longitude of Midpoint: -840303

District: 08

Federal/State Project Number:

Estimate Type: Construction Documents

Prepared by Brant Gressel

Checked by Matt Gardner

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

Group 0010: Roadway

0005	202E23000	353.00	SY	\$28.12	\$9,926.36
PAVEMENT REMOVED					
0006	202E35100	630.00	FT	\$13.84	\$8,719.20
PIPE REMOVED, 24" AND UNDER					
0007	202E58100	4.00	EACH	\$375.83	\$1,503.32
CATCH BASIN REMOVED					
0008	203E10000	20.00	CY	\$36.65	\$733.00
EXCAVATION					
0009	203E20000	10.00	CY	\$42.27	\$422.70
EMBANKMENT					
0034	204E10000	353.00	SY	\$4.88	\$1,722.64
SUBGRADE COMPACTION					

Total for Group 0010:\$23,027.22

Group 0020: Erosion Control

0010	659E00300	7.00	CY	\$115.97	\$811.79
TOPSOIL					
0011	659E10000	62.00	SY	\$16.43	\$1,018.66
SEEDING AND MULCHING					
0012	659E14000	4.00	SY	\$4.65	\$18.60
REPAIR SEEDING AND MULCHING					
0013	659E15000	4.00	SY	\$1.87	\$7.48
INTER-SEEDING					
0014	659E20000	0.01	TON	\$734.22	\$7.34
COMMERCIAL FERTILIZER					
0015	659E31000	0.02	ACRE	\$159.23	\$3.18
LIME					
0016	659E35000	1.00	MGAL	\$1.27	\$1.27
WATER					

Total for Group 0020:\$1,868.32

Group 0040: Drainage

0017	602E20000	1.00	CY	\$2,164.37	\$2,164.37
CONCRETE MASONRY					
0018	611E00100	10.00	FT	\$30.72	\$307.20

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

4" CONDUIT, TYPE B					
0019	611E04400	189.00	FT	\$74.52	\$14,084.28
12" CONDUIT, TYPE B					
0020	611E07400	212.00	FT	\$91.59	\$19,417.08
18" CONDUIT, TYPE B					
0021	611E10400	338.00	FT	\$162.26	\$54,843.88
24" CONDUIT, TYPE B					
0022	611E98504	8.00	EACH	\$0.00	\$0.00
CATCH BASIN, NO. 2-2C					

Total for Group 0040:\$90,816.81

Group 0050: Pavement

0023	254E01000	2,097.00	SY	\$4.24	\$8,891.28
PAVEMENT PLANING, ASPHALT CONCRETE					
0024	304E20000	90.00	CY	\$99.93	\$8,993.70
AGGREGATE BASE					
0025	407E10000	217.00	GAL	\$2.67	\$579.39
TACK COAT					
0026	441E70000	88.00	CY	\$295.00	\$25,960.00
ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22					
0027	441E70300	27.00	CY	\$275.00	\$7,425.00
ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)					
0028	609E26000	46.00	FT	\$40.00	\$1,840.00
CURB, TYPE 6					

Total for Group 0050:\$53,689.37

Group 0060: Water Work

0029	638E98000	1.00	EACH	\$10,000.00	\$10,000.00
WATER WORK, MISC.: WATER MAIN LOWERING					

Total for Group 0060:\$10,000.00

Group 0230: Incidentals

0030	614E11000	1.00	LS	\$5,000.00	\$5,000.00
MAINTAINING TRAFFIC					
0032	623E10000	1.00	LS	\$2,500.00	\$2,500.00
CONSTRUCTION LAYOUT STAKES AND SURVEYING					

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
	<u>Description</u>				
	<u>Supplemental Description</u>				
0033	624E10000	1.00	LS	\$5,000.00	\$5,000.00
	MOBILIZATION				

Total for Group 0230:\$12,500.00