

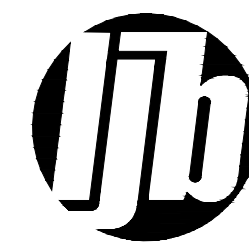
LOWER HILLSIDE DRIVE DRAINAGE IMPROVEMENTS

CITY OF BELLBROOK
15 EAST FRANKLIN STREET
BELLBROOK, OHIO 45305

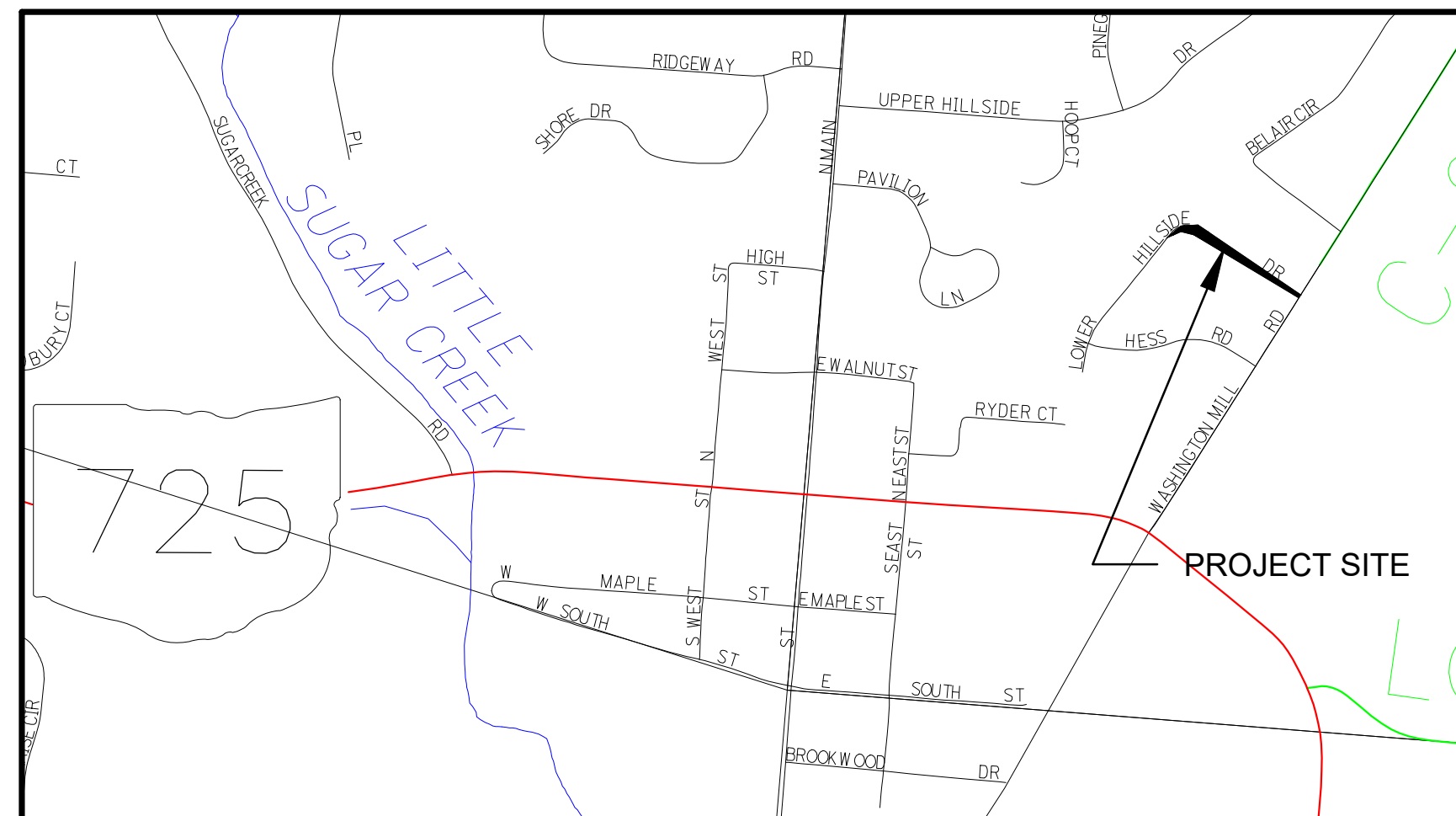
LEGEND : LINSTYLES & SYMBOLS

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

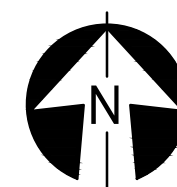
PROJECT TEAM



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

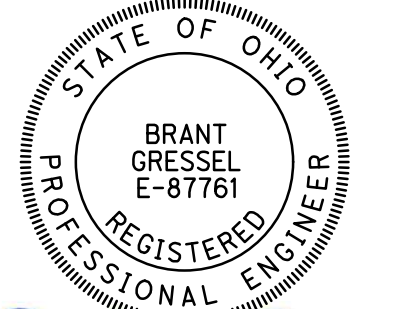
- C101 PLAN AND PROFILE STA. 10+00 TO STA. 14+00
- C102 PLAN AND PROFILE STA. 14+00 TO STA. 17+00

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.

© 1985-2022 LJB Inc. This drawing contains information that is proprietary to and property of LJB Inc. and shall be kept confidential. No publication or distribution of this drawing may be made without the express written consent of LJB Inc. except for the limited purposes set forth in the contract between LJB Inc. and party for whom this drawing was made.

RELEASES / REVISIONS

| REV | DATE | RELEASED FOR |
|-----|------|--------------|
| 0 | | |
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | | |
| 8 | | |
| 9 | | |
| 10 | | |
| 11 | | |
| 12 | | |
| 13 | | |
| 14 | | |
| 15 | | |
| 16 | | |
| 17 | | |



Brant Gressel

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 |

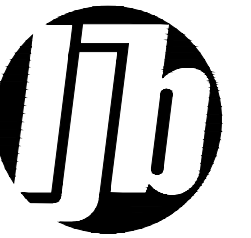
APPLY SEEDING AND MULCHING S TO ALL AREAS OF EXPOSED SOIL BETWEEN THE RIGHT-OF-WAY LINES AND WITHIN THE CONSTRUCTION LIMITS FOR AREAS OUTSIDE THE RIGHT-OF-WAY LINES COVERED BY WORK AGREEMENT OR SLOPE EASEMENT. QUANTITY CALCULATIONS FOR SEEDING AND MULCHING ARE BASED ON THESE LIMITS.

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



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

CITY OF BELLBROOK

15 E. FRANKLIN STREET
BELLBROOK, OHIO 45305



**LOWER HILLSIDE DRIVE
DRAINAGE IMPROVEMENTS**

BELLBROOK, OHIO

| | | |
|-----|------|--------------|
| REV | DATE | RELEASED FOR |
|-----|------|--------------|

© 1985-2021 LJB Inc. This drawing contains information that is proprietary to and property of LJB Inc. and shall be kept confidential. No publication or distribution of this drawing may be made without the express written consent of LJB Inc. except for the limited purposes set forth in the contract between LJB Inc. and party for whom this drawing was made.

| | | | |
|----------|-----|------------|-------------|
| DESIGNED | BMG | JOB NUMBER | 0122164A.00 |
| DRAWN | BMG | DATE | 06/21/2022 |
| 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 |

