

LIST OF STANDARDS

| | |
|-----------|--|
| 000001-09 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 280001-07 | TEMPORARY EROSION CONTROL SYSTEMS |
| 064001-02 | CHAIN LINK FENCE |
| 701301-04 | LANE CLOSURE 2L, 2W, SHORT TIME OPERATIONS |
| 701501-06 | URBAN LANE CLOSURE 2L, 2W, UNDIVIDED |
| 701901-11 | TRAFFIC CONTROL DEVICES |

GENERAL NOTES

1. THE PROJECT CONSISTS OF FURNISHING ALL LABOR, MATERIALS, AND EQUIPMENT FOR THE REPLACEMENT OF APPROXIMATELY 30 LINEAL FEET OF 6-INCH DIAMETER SEWER (LATERAL), 120 LINEAL FEET OF 8-INCH DIAMETER SEWER, AND ONE 4-FOOT DIAMETER MANHOLE INCLUDING CLEARING, DEWATERING, CARE OF FLOW, REINSTATEMENT OF SERVICE CONNECTIONS, CLEANING & TELEVISIONING, AND APPROXIMATELY 1386 LINEAL FEET OF CURED-IN-PLACE PIPE (CIPP) LINER, TOGETHER WITH RESTORATION OF ALL DISTURBED SURFACES, AND ALL OTHER INCIDENTAL WORK REQUIRED TO COMPLETE THE PROJECT.
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PLANS, "I.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2022, THE "STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS, SIXTH EDITION", THE SPECIAL PROVISIONS AND ALL LOCAL AND STATE CODES GOVERNING THE CONSTRUCTION OF THE PROPOSED FACILITIES.
3. RIGHT-OF-WAYS, PROPERTY LINES AND TOPOGRAPHY SHOWN HEREON HAVE BEEN TAKEN FROM THE BEST AVAILABLE RECORDS AND MUST BE VERIFIED BY THE CONTRACTOR TO HIS OWN SATISFACTION.
4. TEMPORARY EROSION CONTROL MEASURES WILL BE USED TO CORRECT CONDITIONS THAT DEVELOPED DURING CONSTRUCTION THAT WERE UNFORESEEN DURING THE DESIGN STAGE OR, THAT ARE NEEDED TEMPORARILY TO CONTROL EROSION THAT DEVELOPS DURING NORMAL CONSTRUCTION PRACTICES.
5. THE EXISTING UTILITIES AND OBSTRUCTIONS SHOWN ARE FROM THE BEST AVAILABLE RECORDS AND SHALL BE VERIFIED BY THE CONTRACTOR TO HIS OWN SATISFACTION BEFORE AND DURING CONSTRUCTION. THE ENGINEER NOR THE OWNERS DO NOT WARRANT OR GUARANTEE THE COMPLETENESS OR THE CORRECTNESS OF THE INFORMATION GIVEN.
6. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL ARRANGE TO HAVE ALL UNDERGROUND UTILITIES INCLUDING WATER, GAS, ELECTRIC, STORM SEWER, TELEPHONE AND CABLE TV LOCATED AND SUITABLY MARKED. THE CONTRACTOR SHALL J.U.L.I.E. ☎ 1-800-892-0123 AND ALL UTILITY UTILITY COMPANIES FOR UTILITY LOCATIONS A MINIMUM OF 48 HOURS PRIOR TO DIGGING. ANY DAMAGES TO UTILITIES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. SHOULD A UTILITY BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION, THE ENGINEER SHALL BE NOTIFIED AT ONCE.
7. NECESSARY PRECAUTIONS SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT EXISTING SERVICES AND MAINS, AND ANY DAMAGE TO THEM DUE TO HIS NEGLIGENCE SHALL BE REPAIRED IMMEDIATELY AT CONTRACTOR'S EXPENSE.
8. AFTER EXCAVATED AREAS HAVE BEEN BACKFILLED, GROUND SHALL BE RETURNED TO EXISTING OR PROPOSED GRADE AND EXCESS EXCAVATED MATERIAL SHALL BE REMOVED FROM THE PROJECT SITE.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING AND REPLACING EXISTING ITEMS DAMAGED OR REMOVED DURING CONSTRUCTION, AND SHALL BE INCIDENTAL TO THE COST OF CONSTRUCTION. ALL DISTURBED AREAS SHALL BE RETURNED TO THEIR ORIGINAL CONDITION. ALL TREES SHALL BE PROTECTED BY THE CONTRACTOR, UNLESS THE TREES LIE DIRECTLY IN THE PATH OF THE PROPOSED FACILITIES.
10. NO ON SITE STORAGE OF EXCAVATED MATERIAL WILL BE PERMITTED, UNLESS APPROVED BY THE ENGINEER. ANY EXCAVATED MATERIAL THAT IS APPROVED TO BE STORED ON SITE SHALL BE PROTECTED AND STABILIZED BY SEEDING OR OTHER APPROVED METHODS TO PREVENT EROSION AND SEDIMENT FROM LEAVING THE SITE.
11. THE CONTRACTOR HAS NO AUTHORITY TO PERMIT THE USE OF ANY PORTION OF THE SITE BY ANYONE EXCEPT FOR BUSINESS CONNECTED WITH THE CONSTRUCTION IN WHICH THIS CONTRACT IS CONCERNED.
12. ANY DAMAGE TO EXISTING ROAD SURFACES BY CONTRACTOR'S EQUIPMENT SHALL BE REPAIRED TO ORIGINAL CONDITION OR BETTER, AND THE REPAIR SHALL BE ACCEPTABLE TO THE OWNER. COST OF SUCH REPAIR SHALL BE INCIDENTAL TO COST OF CONSTRUCTION.
13. DURING CONSTRUCTION, THE CONTRACTOR SHALL NOT CAUSE SEWAGE TO BE DISCHARGED ON THE GROUND, IN WATERWAYS OR INTO THE GROUND NOR SHALL HE CAUSE BACKUP OF SEWAGE INTO BUILDINGS. SEWAGE SHALL BE DIVERTED BY PUMPING AND/OR PIPING AROUND ANY PORTIONS OF THE SEWER SYSTEM WHICH ARE TAKEN OUT OF SERVICE.
14. PERMITS AND LICENSES OF A TEMPORARY NATURE NECESSARY FOR THE PROCESSION OF THE WORK SHALL BE SECURED AND PAID FOR BY THE CONTRACTOR.
15. ANY REPAIR REQUIRING REPLACEMENT OF SEWER AT AN EXISTING MANHOLE SHALL INCLUDE A WATER-TIGHT CONNECTION TO THE EXISTING MANHOLE. MAKE CONNECTION WITH NON-SHRINK GROUT OR OTHER MATERIAL APPROVED BY THE ENGINEER.
16. WORK AREAS MAY HAVE LIMITED ACCESS AND INCLUDE TREES, BRUSH, FENCES, POWER POLES, OVERHEAD UTILITY LINES, ETC. ALL EXISTING FENCES, POWER POLES, ETC., SHALL BE REMOVED AND RE-INSTALLED AS NECESSARY. ALL TREES SHALL BE PROTECTED UNLESS THEY LIE DIRECTLY IN THE PATH OF THE NEW SEWER. PROTECTION AND/OR REMOVAL AND RE-INSTALLATION OF UTILITY SERVICES SHALL BE COORDINATED WITH THE UTILITY COMPANIES. UTILITY COMPANY COSTS FOR PROTECTION AND/OR REMOVAL AND RE-INSTALLATION OF UTILITY SERVICES SHALL BE BILLED DIRECTLY TO THE CITY OF CAHOKIA HEIGHTS.
17. THE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL IN ACCORDANCE WITH IDOT HIGHWAY STANDARDS 701301, 701501, AND 701901.

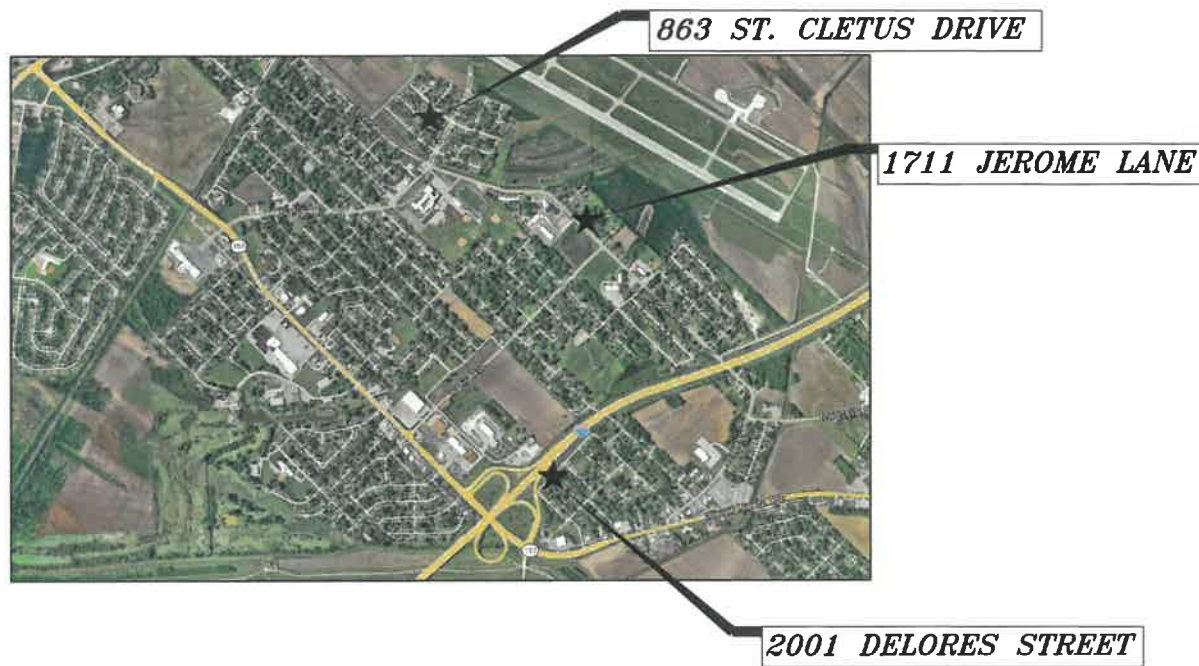
UTILITY OWNERS

| | |
|--|--|
| J.U.L.I.E. (800) 892-0123 | CITY OF CAHOKIA HEIGHTS (618) 410-7808 |
| AMEREN ILLINOIS (SOUTH) (618) 301-5305 | MCI/VERIZON (888) 624-5622 |
| ATT DISTRIBUTION (630) 573-5450 | |

SANITARY SEWER REPAIRS PY25 (3 LOCATIONS) CITY OF CAHOKIA HEIGHTS ST. CLAIR COUNTY, ILLINOIS

PREPARED FOR:
ST. CLAIR COUNTY, ILLINOIS

PREPARED BY:
HURST-ROSCHE, INC.



LOCATION MAP
NO SCALE

T1N, R10W, 3RD P.M., SECTIONS 1, 2 & 12
CITY OF CAHOKIA HEIGHTS
CENTREVILLE TOWNSHIP

NOTE:
UNDERGROUND FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS. THEREFORE, THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATELY ONLY. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS PRESENTLY UNKNOWN. THE CONTRACTOR IS TO CALL J.U.L.I.E. ☎ 1-800-892-0123, AND ALL UTILITY COMPANIES FOR UTILITY LOCATIONS A MINIMUM OF 48 HOURS PRIOR TO ANY DIGGING. ANY DAMAGES TO UTILITIES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.



INDEX OF SHEETS

- 1 COVER SHEET, LOCATION MAP & GENERAL NOTES
- 2 2001 DELORES STREET PLAN AND PROFILE
- 3 1711 JEROME LANE PLAN AND PROFILE
- 4 863 ST. CLETUS DRIVE PLAN AND PROFILE
- 5 MISCELLANEOUS DETAILS
- 6 TRIBUTARY SEWER MAPS



ST. CLAIR COUNTY
LOCATION OF SECTION INDICATED THUS -

HR
Hurst-Rosche, Inc.
PROFESSIONAL DESIGN NUMBER 114-002908
NO. 3 BANK SQUARE
EAST ST. LOUIS, IL.
PH: 618.398.0630
www.hurst-rosche.com
HILLSBORO, IL
SPRINGFIELD, IL
MARION, IL
NASHVILLE, TN
ARNOLD, MO

SIGNATURE _____
DATE _____
LICENSE EXPIRES _____

**SANITARY SEWER REPAIRS PY25 (3 LOCATIONS)
CITY OF CAHOKIA HEIGHTS
ST. CLAIR COUNTY, ILLINOIS 62207**

| MK. | DATE | DESCRIPTION |
|-----|------|-------------|
| | | |
| | | |

DATE: APRIL 2026
PROJECT NO: 211-0076
DESIGN: TAS DRAWN: AS CHECK: LS

COVER SHEET,
LOCATION MAP &
GENERAL NOTES

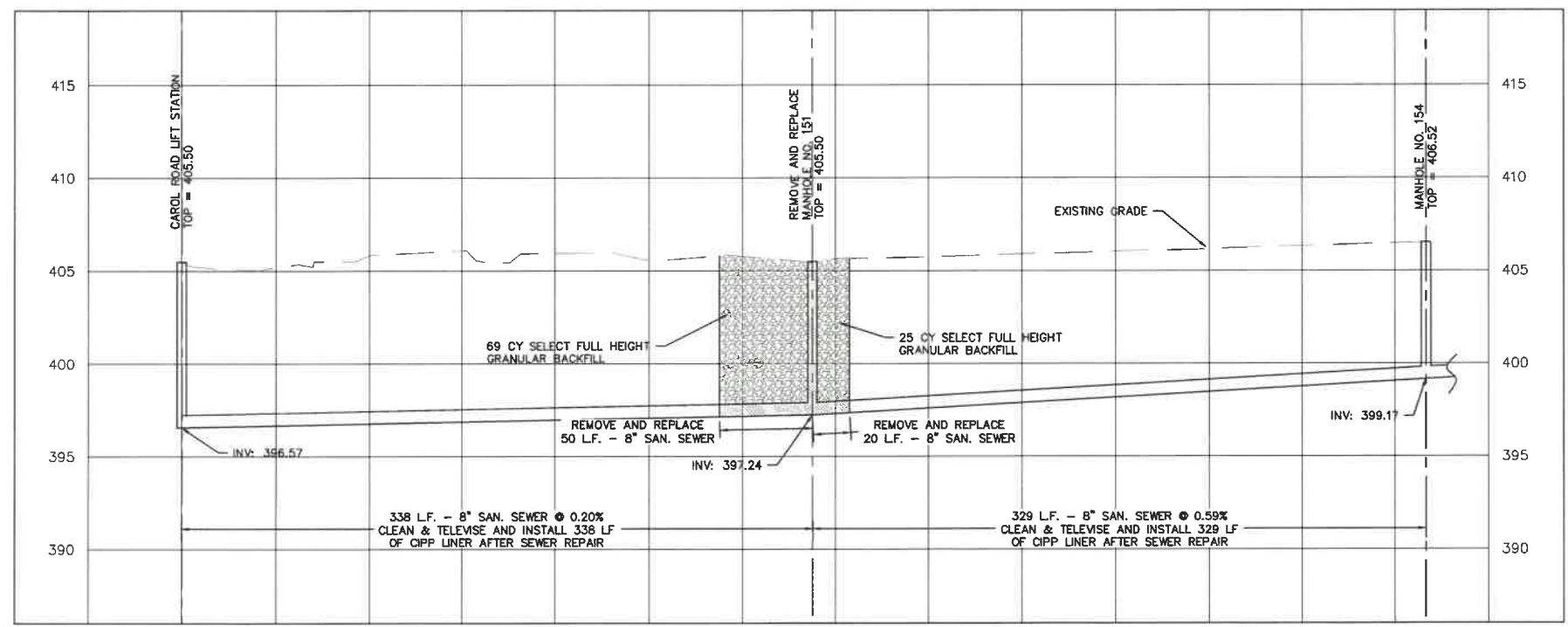
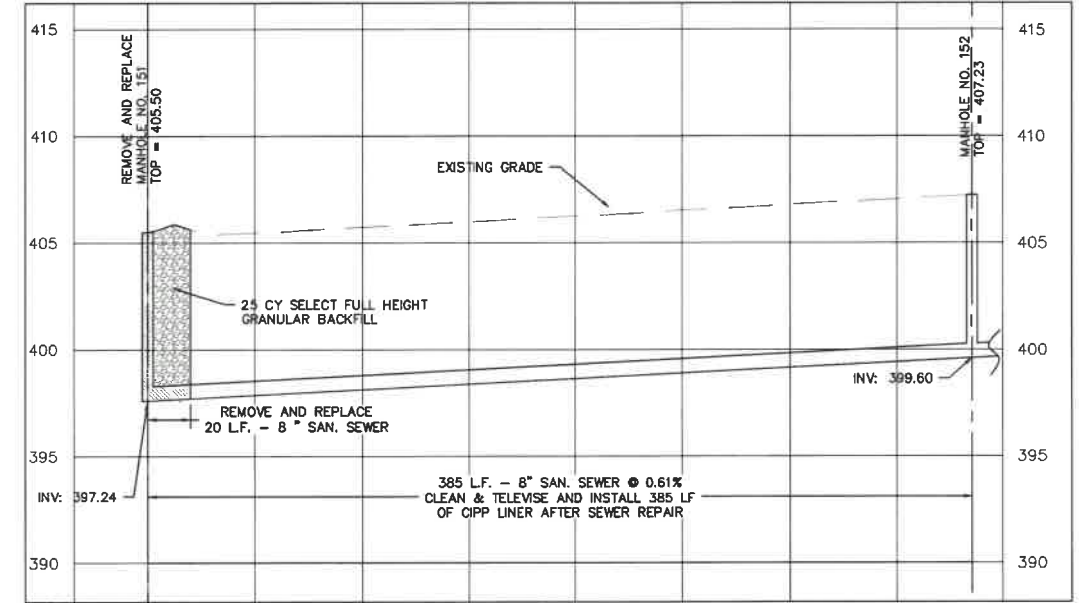
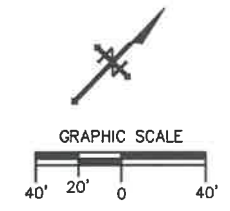


Hurst-Rosche, Inc.
 PROFESSIONAL DESIGN NUMBER 184600084
 NO. 5 BANK SQUARE
 EAST ST. LOUIS, IL
 PH: 618.398.0890
 www.hurst-rosche.com
 HILLSBORO, IL
 SPRINGFIELD, IL
 MARION, IL
 NASHVILLE, TN
 ARNOLD, MO



SITE PLAN
 SCALE 1"=40'

- GENERAL NOTES:
1. EXISTING FENCES TO BE REMOVED & REINSTALLED WHEN NECESSARY TO MAKE SEWER REPAIR.
 2. ALL EXISTING TREES TO BE PROTECTED WHEN POSSIBLE.



SANITARY PROFILE
 SCALE
 H: 1"=40'
 V: 1"=4'

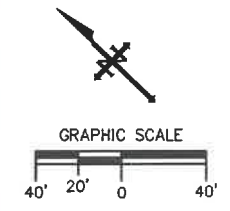
SIGNATURE
 DATE
 LICENSE EXPIRES

SANITARY SEWER REPAIRS PY25 (3 LOCATIONS)
 CITY OF CAHOKIA HEIGHTS
 ST. CLAIR COUNTY, ILLINOIS 62207

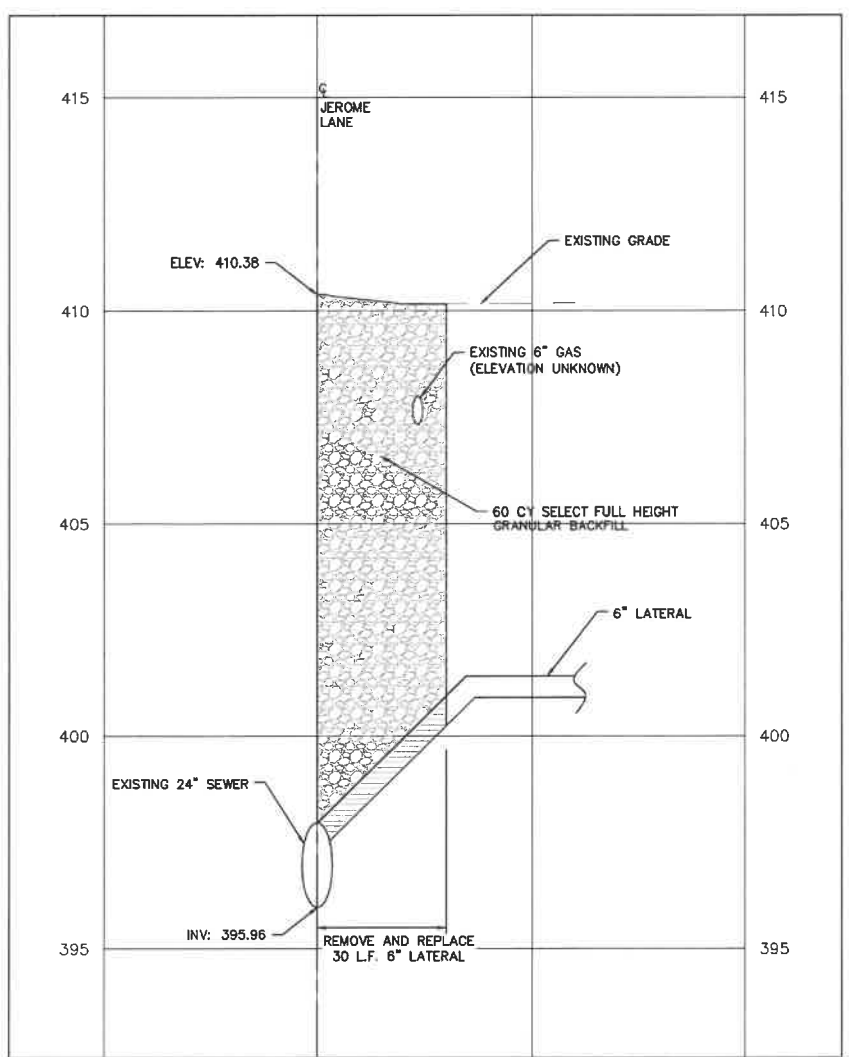
| MK. | DATE | DESCRIPTION |
|-----|------|-------------|
| | | |
| | | |

DATE: APRIL 2026
 PROJECT NO: 211-0076
 DESIGN: TAS DRAWN: AS CHECK: LS

2001 DELORES STREET
 PLAN AND PROFILE



SITE PLAN
SCALE 1"=20'



SANITARY PROFILE
SCALE
H: 1"=20'
V: 1"=2'

- GENERAL NOTES:
1. EXISTING FENCES TO BE REMOVED & REINSTALLED WHEN NECESSARY TO MAKE SEWER REPAIR.
 2. ALL EXISTING TREES TO BE PROTECTED WHEN POSSIBLE.



Hurst-Rosche, Inc.
PROFESSIONAL DESIGN NUMBER 194-00278
NO. 5 BANK SQUARE
EAST ST. LOUIS, IL.
PH: 618.398.0890
www.hurst-rosche.com
HILLSBORO, IL
SPRINGFIELD, IL
MARION, IL
NASHVILLE, TN
ARNOLD, MO

SIGNATURE _____
DATE _____
LICENSE EXPIRES _____

SANITARY SEWER REPAIRS PY25 (3 LOCATIONS)
CITY OF CAHOKIA HEIGHTS
ST. CLAIR COUNTY, ILLINOIS 62207

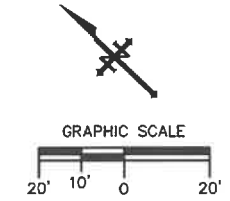
| MK. | DATE | DESCRIPTION |
|-----|------|-------------|
| | | |
| | | |

DATE: APRIL 2026
PROJECT NO: 211-0076
DESIGN: TAS DRAWN: AS CHECK: LS

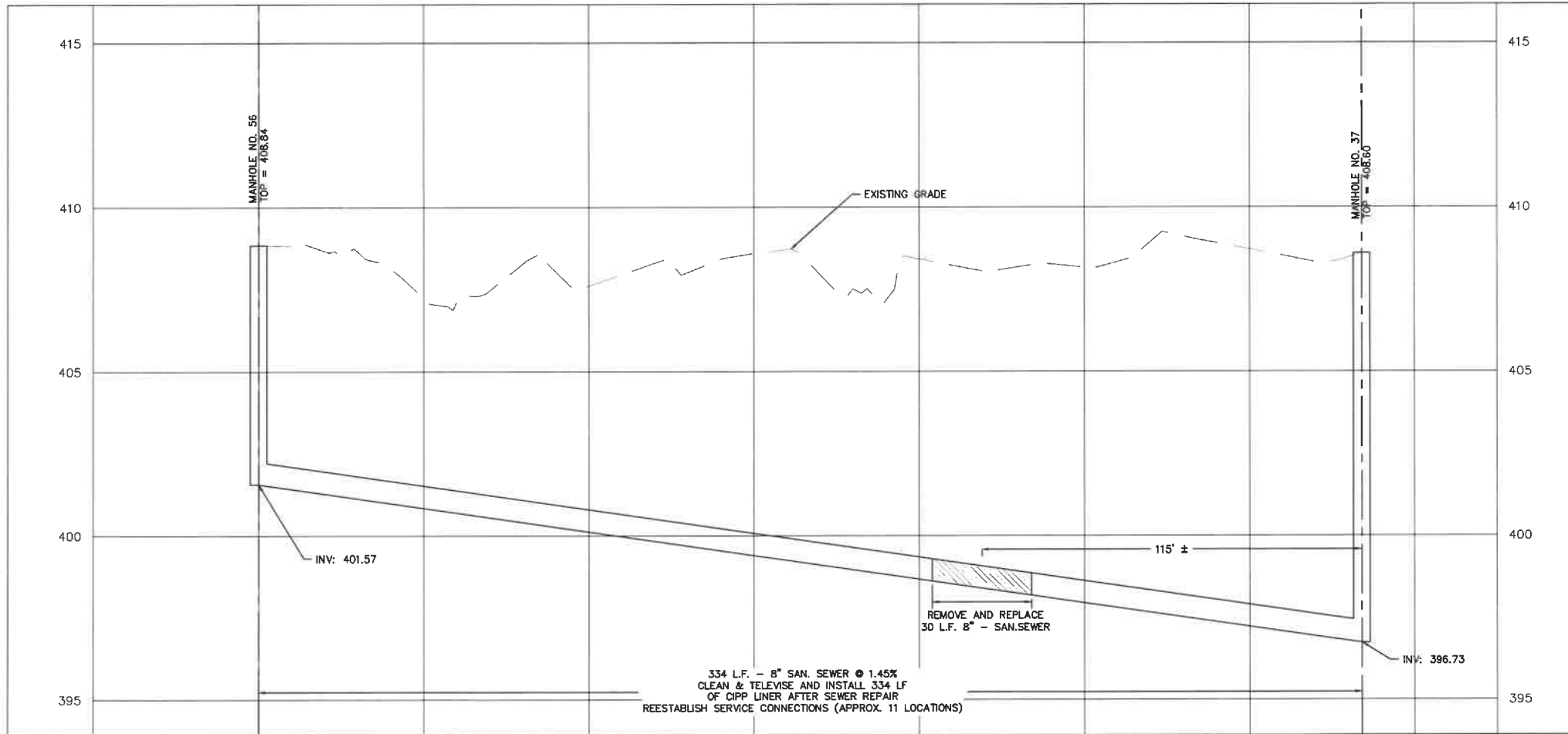
1711 JEROME LANE
PLAN AND PROFILE



SITE PLAN
SCALE 1"=20'



- GENERAL NOTES:**
1. EXISTING FENCES TO BE REMOVED & REINSTALLED WHEN NECESSARY TO MAKE SEWER REPAIR.
 2. ALL EXISTING TREES TO BE PROTECTED WHEN POSSIBLE.



SANITARY PROFILE
SCALE
H: 1"=20'
V: 1"=2'

HR
Hurst-Rosche, Inc.
PROFESSIONAL DESIGN NUMBER: 184-002204
NO. 5 BANK SQUARE
EAST ST. LOUIS, IL.
PH: 618.398.0890
www.hurst-rosche.com
HILLSBORO, IL
SPRINGFIELD, IL
MARION, IL
NASHVILLE, TN
ARNOLD, MO

SIGNATURE _____
DATE _____
LICENSE EXPIRES _____

SANITARY SEWER REPAIRS PY25 (3 LOCATIONS)
CITY OF CAHOKIA HEIGHTS
ST. CLAIR COUNTY, ILLINOIS 62207

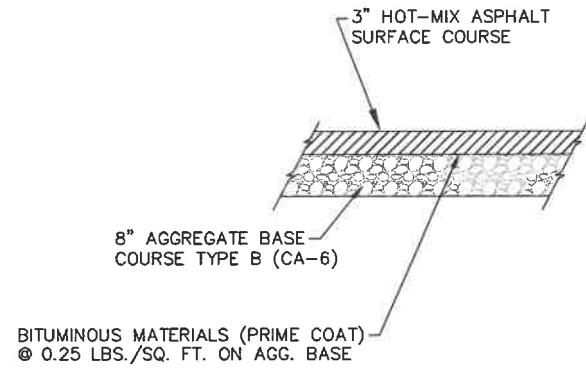
| MK. | DATE | DESCRIPTION |
|-----|------|-------------|
| | | |
| | | |

DATE: APRIL 2026
PROJECT NO: 211-0076
DESIGN: TAS DRAWN: AS CHECK: LS

863 ST. CLETUS DRIVE
PLAN AND PROFILE

MIXTURE TABLE

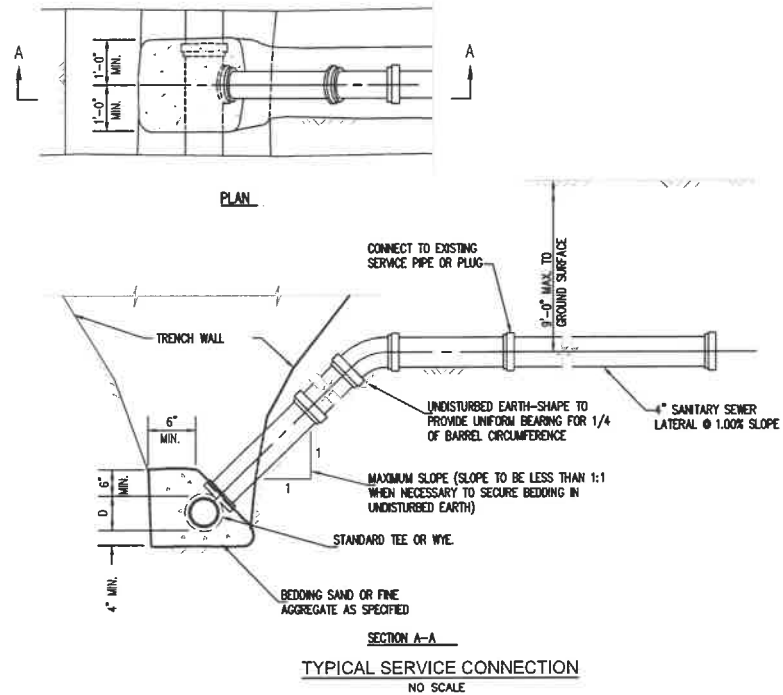
| | |
|-------------------------------------|----------------------|
| LOCATION | VARIES |
| MIXTURE USE | SURFACE COURSE |
| PG | PG 64-22 |
| RAP % (MAX) | 10% |
| DESIGN AIR VOIDS | 4.0% @ Ndes=70 |
| MIX COMPOSITION (GRADATION MIXTURE) | IL-9.5 |
| FRICTION AGGREGATE | MIXTURE "C" |
| MIXTURE WEIGHT | 112 LBS./SQ. YD./IN. |



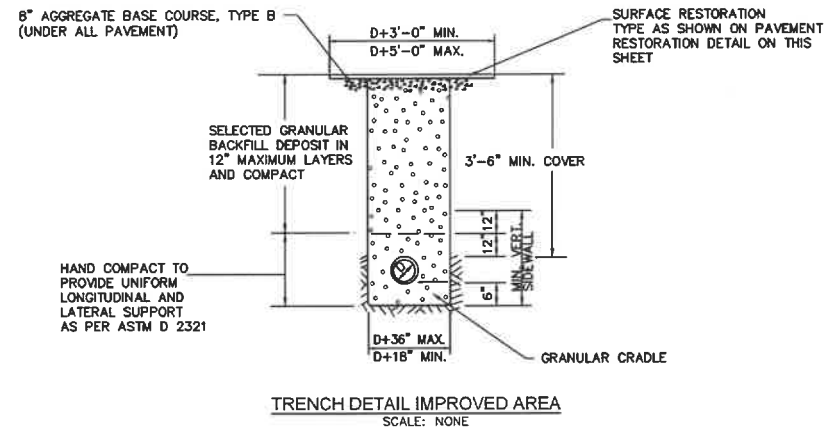
PAVEMENT RESTORATION DETAIL
NOT TO SCALE

LEGEND

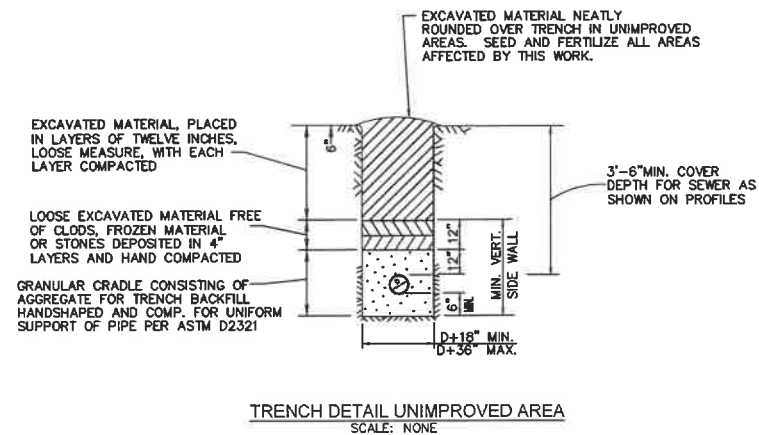
| | |
|--|---|
| | 15" TREE WITH DIAMETER |
| | EXISTING INLET WITH FLAT CONC. SLAB TOP |
| | EXISTING MANHOLE |
| | EXISTING INLET |
| | EXISTING WATER METER |
| | EXISTING WATER VALVE BOX |
| | EXISTING GAS VALVE BOX |
| | EXISTING LIGHT POLE |
| | EXISTING UTILITY POLE |
| | EXISTING STREET SIGN |
| | GUY WIRE |
| | GUY POLE |
| | FIRE HYDRANT |
| | EXISTING FENCE |
| | SEWER LINE |
| | UNDERGROUND GAS LINE |
| | WATER LINE |
| | UNDERGROUND TELEPHONE LINE |



TYPICAL SERVICE CONNECTION
NO SCALE



TRENCH DETAIL IMPROVED AREA
SCALE: NONE



TRENCH DETAIL UNIMPROVED AREA
SCALE: NONE



Hurst-Rosche, Inc.
PROFESSIONAL DESIGN NUMBER: 184-002254
NO. 5 BANK SQUARE
EAST ST. LOUIS, IL.
PH: 618.398.0890
www.hurst-rasche.com
HILLSBORO, IL
SPRINGFIELD, IL
MARION, IL
NASHVILLE, TN
ARNOLD, MO

SIGNATURE _____
DATE _____
LICENSE EXPIRES _____

SANITARY SEWER REPAIRS PY25 (3 LOCATIONS)
CITY OF CAHOKIA HEIGHTS
ST. CLAIR COUNTY, ILLINOIS 62207

| MK. | DATE | DESCRIPTION |
|-----|------|-------------|
| | | |
| | | |
| | | |

DATE: APRIL 2026
PROJECT NO: 211-0076
DESIGN: TAS DRAWN: AS CHECK: LS

MISCELLANEOUS DETAILS



Hurst-Rosche, Inc.

PROFESSIONAL DESIGN NUMBER 194-020294

NO. 5 BANK SQUARE
EAST ST. LOUIS, IL.
PH: 618.398.0890

www.hurst-rosche.com

HILLSBORO, IL
SPRINGFIELD, IL
MARION, IL
NASHVILLE, TN
ARNOLD, MO

SIGNATURE

DATE

LICENSE EXPIRES

**SANITARY SEWER REPAIRS PY25 (3 LOCATIONS)
CITY OF CAHOKIA HEIGHTS
ST. CLAIR COUNTY, ILLINOIS 62207**

| MK. | DATE | DESCRIPTION |
|-----|------|-------------|
| | | |
| | | |
| | | |

DATE: APRIL 2026

PROJECT NO: 211-0076

DESIGN: TAS DRAWN: AS CHECK: LS

TRIBUTARY SEWER
MAPS

6

SHEET 6 OF 6

© 2026 HURST-ROSCH, INC.

