

CITY OF FOREST PARK

HAMILTON COUNTY, OHIO

2026 STREET PROGRAM

JOB NO: 41412
APRIL, 2026

CITY OFFICIALS

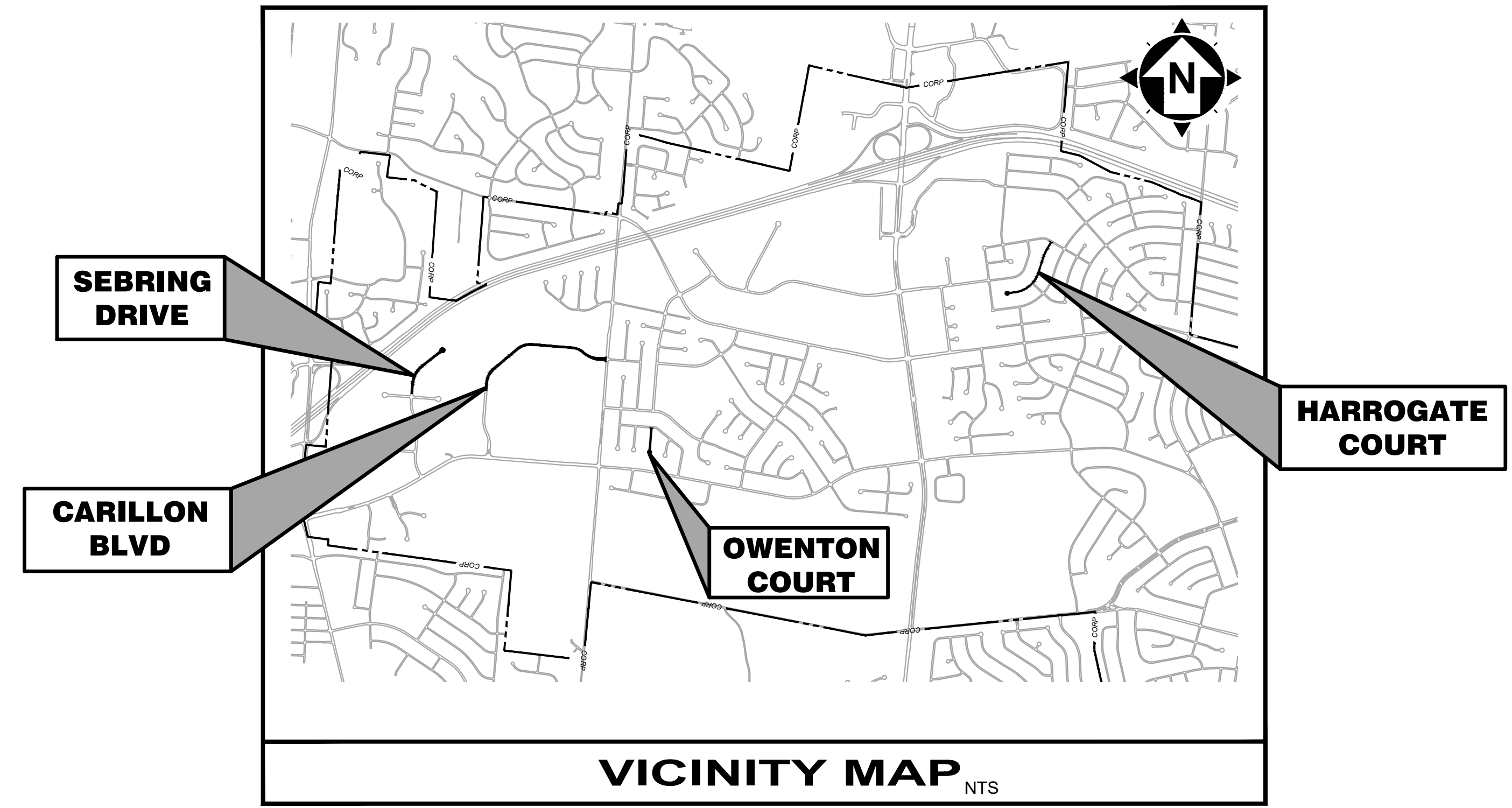
MAYOR
 ROSALIND MOORE

1ST VICE-MAYOR
 DENISE HOLT

2ND VICE-MAYOR
 REGINALD SYLVESTER

CLERK OF COUNCIL
 TEKIQUA BAILEY

CITY COUNCIL
 TRAVINA ADAMS
 AHARON BROWN
 CHELSEA CLARK
 TERENCE HARRISON



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ODOT STANDARD DRAWINGS

THE CURRENT EDITION OF THE ODOT STANDARD CONSTRUCTION DRAWINGS ARE HEREBY MADE PART OF THESE PLANS.

PROJECT SPECIFICATIONS

IN GENERAL, THE PROJECT SPECIFICATIONS CONFORM TO THE 2023 CONSTRUCTION AND MATERIAL SPECIFICATIONS OF THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS THERETO. THE PROJECT SPECIFICATIONS, UNDER SEPERATE COVER, PREPARED BY VERDANTAS SHALL GOVERN ALL WORK AND MATERIALS FOR THIS PROJECT.

UNDERGROUND UTILITIES

Contact Two Working Days
Before You Dig



OHIO811.org
Before You Dig

OHIO811, 8-1-1, or 1-800-362-2764
(Non-members must be called directly)

FOR BID



DATE	REVISION	NO	BID	ISSUED FOR:	ISSUE DATE:	SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:
					02/05/2026	AS SHOWN	EMOR	EMOR	FTWE

2026 STREET PROGRAM
 CITY OF FOREST PARK
 - HAMILTON COUNTY, OHIO -

TITLE SHEET

APPROVED FOR CONSTRUCTION BY:

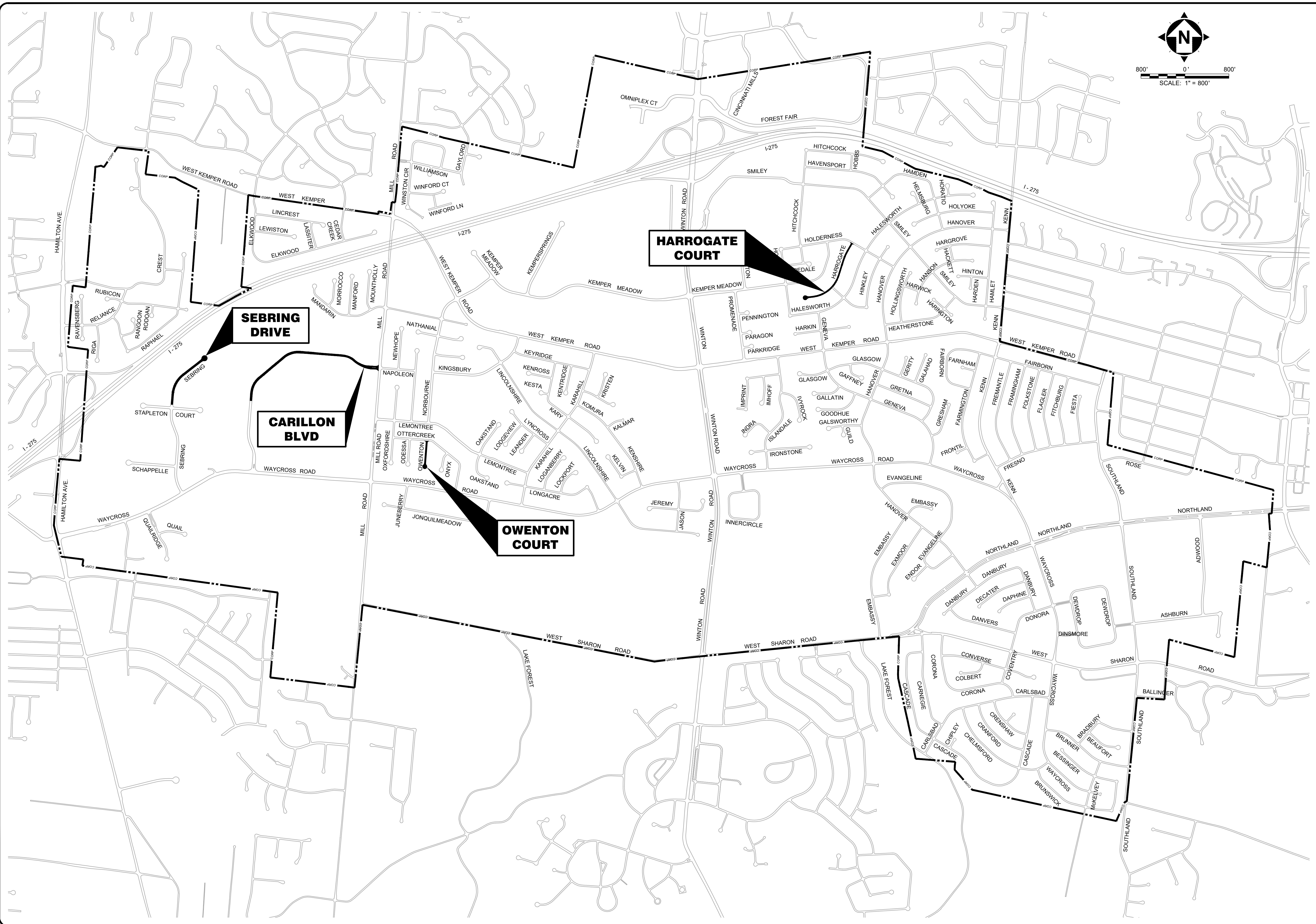
SCOTT FALKOWSKI, DIRECTOR OF PUBLIC WORKS _____ **DATE** _____



_____ **ERIC MORRIS, P.E. #E-67084** _____ **DATE** _____

PROJECT NO.	
41412	
DISCIPLINE	
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CHECKED BY: FTWE			

**2026 STREET PROGRAM
CITY OF FOREST PARK
- HAMILTON COUNTY, OHIO -**

VICINITY MAP

PROJECT NO.	41412
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GENERAL NOTES

ITEM 614, MAINTAINING TRAFFIC

THE REQUIREMENTS FOR MAINTAINING TRAFFIC SHALL BE AS INDICATED IN THE "OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", CURRENT EDITION, THE PROPOSAL, THE SPECIFICATIONS, AND THESE PLANS. ANY VARIANCE FROM THESE REQUIREMENTS SHALL BE APPROVED IN ADVANCE BY THE DIRECTOR IN WRITING.

- A. BEFORE WORK BEGINS, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER THE NAMES AND TELEPHONE NUMBERS OF PERSONS WHO CAN BE CONTACTED 24 HOURS A DAY BY THE CITY OF FOREST PARK AND ALL INTERESTED POLICE AGENCIES. THESE PERSONS SHALL BE RESPONSIBLE FOR PLACING OR REPLACING NECESSARY TRAFFIC CONTROL DEVICES TO MAINTAIN THE TRAVELED PAVEMENT SAFELY.
- B. TRAFFIC SHALL BE MAINTAINED AT ALL INTERSECTIONS AND DRIVES AT ALL TIMES, AND SHALL BE CONTROLLED WITH FLAGGERS AND TRAFFIC CONTROL DEVICES AS REQUIRED AND SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
- C. LANE CLOSURES THAT LIMIT TRAFFIC TO 1 WAY IS ALLOWABLE, AS NOTED BELOW FOR SPECIFIC TIMES, AND SHALL BE FLAGGED IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- D. LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT 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.
- E. LANE CLOSURES ARE NOT ALLOWED OVERNIGHT. ANY COST FOR ITEMS NOT SPECIFICALLY NOTED UNDER THE MAINTENANCE OF TRAFFIC NOTE OR TEMPORARY PAVEMENT MARKING NOTE REQUIRED TO REOPEN LANES SHALL BE INCLUDED IN THE BID PRICE FOR ITEM 614, MOT.
- F. THE CONTRACTOR SHALL OBEY ALL LOCAL LAWS AND ORDINANCES INCLUDING ANY NOISE RESTRICTIONS.
- G. THE CONTRACTOR SHALL MAINTAIN LOCAL TRAFFIC AT ALL TIMES IN ACCORDANCE WITH THE REQUIREMENTS OF SPEC. 614.
- H. THE CONTRACTOR SHALL MAINTAIN TRAFFIC TO ALL ROADWAYS INTERSECTING THE CONSTRUCTION AREAS.
- I. SPECIFIC ATTENTION WILL BE DIRECTED TOWARD THE PROPER USE OF FLAGGERS, LIGHTS, DRUMS, AND TEMPORARY PAVEMENT MARKINGS. THE CONTRACTOR SHALL FURNISH, ERECT AND MAINTAIN ALL NECESSARY SIGNS, AND PROVIDE TEMPORARY STRIPING. ALL WORK ZONES SHALL CONFORM TO THE OHIO MANUAL OF UNIFORM CONTROL DEVICES. THE CONTRACTOR SHALL ALSO PROVIDE ALL PLATING, TEMPORARY PAVEMENT AND TRAFFIC CONTROL MEASURES NECESSARY TO MAINTAIN TRAFFIC. THE COST OF ALL TEMPORARY TRAFFIC CONTROL ITEMS NECESSARY TO SAFELY MAINTAIN TRAFFIC SHALL BE INCLUDED WITH PAYMENT FOR ITEM 614 MAINTAINING TRAFFIC.
- J. DURING THE REMOVAL OF THE ASPHALT WEARING COURSE, THE REPAIR OF THE BASE PAVEMENT AND/OR THE CONSTRUCTION OF THE ASPHALT COURSES FOR THE ROADWAY, THE CONTRACTOR WILL BE PERMITTED TO CLOSE ONE LANE OF PAVEMENT WHILE MAINTAINING TRAFFIC IN THE OTHER LANE ON AN ALTERNATING FLOW BASIS. THE CONTRACTOR WILL BE HELD STRICTLY TO THE FLAGGING REQUIREMENTS LISTED UNDER ITEM 614.03D. THE CLOSING OF THE LANE TO TRAFFIC WILL BE PERMITTED DURING THE ABOVE OPERATIONS AND FOR THE PERIODS OF TIME CONSISTENT WITH THE REQUIREMENTS OF THE SPECIFICATIONS FOR THE PROTECTION OF THE COMPLETED ASPHALT CONCRETE COURSES. MAINTENANCE OF TRAFFIC SHALL BE ONGOING THROUGH THE PROJECT, INCLUDING ALL PERIODS OF INACTIVITY BY THE CONTRACTOR, UNTIL FINAL ACCEPTANCE OF THE PROJECT.

ITEM 614, MAINTAINING TRAFFIC

OPEN TRENCHES

ALL OPEN TRENCHES FOR STORM SEWERS, WATERMANS, ETC., SHALL BE PROPERLY DELINEATED FROM THE TRAVELED ROADWAY BY REFLECTIVE DRUMS. TRENCHES SHALL EITHER BE BACKFILLED OR COVERED FOR ANY EXTENDED PERIODS OF NO CONSTRUCTION IN ORDER TO MAINTAIN CONTINUOUS TWO-WAY TRAFFIC, PART WIDTH CONSTRUCTION AND OFF PEAK TRAFFIC VOLUME PERIODS (SEE NOTE "TIME RESTRICTIONS") SHALL BE UTILIZED TO CONSTRUCT ANY REQUIRED UTILITY CROSSEOVERS, LATERALS, OR CATCH BASIN LEADS WITHIN THE TRAVELED ROADWAY.

IF, AT THE COMPLETION OF THE NORMAL WORKING DAY, ANY TRENCH FOR PAVEMENT CONSTRUCTION AND/OR CONSTRUCTION OF PROPOSED SEWER HAS NOT BEEN COMPLETELY BACKFILLED AND RESTORED, A TEMPORARY COVER, SUCH AS A METAL PLATE OR ANOTHER APPROVED DEVICE, SHALL BE PLACED OVER THAT PORTION OF THE TRENCH REMAINING OPEN.

MAINTENANCE OF DRIVEWAYS

THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING ALL DRIVEWAYS IN GOOD CONDITION WITH RESPECT TO BOTH SAFETY AND SMOOTHNESS OF TRAVEL FOR THE DURATION OF THE PROJECT. THE COST OF ADDITIONAL WORK AND MATERIAL NECESSARY TO REPAIR AND MAINTAIN THE DRIVEWAYS SHALL BE INCIDENTAL TO THE APPROPRIATE PAY ITEM.

THE CONTRACTOR SHALL NOTIFY AFFECTED RESIDENTS 48 HOURS IN ADVANCE BEFORE COMMENCING WORK. THE CONTRACTOR SHALL GIVE WRITTEN NOTICE TO THE RESIDENT AND/OR BUSINESS AND GIVE A COPY OF SAID WRITTEN NOTICE TO THE PROJECT INSPECTOR 48 HOURS PRIOR TO BEING ALLOWED TO COMMENCE WORK WHICH WOULD INVOLVE ACCESS TO SAID PROPERTY.

ALL DRIVEWAYS SHALL BE ACCESSIBLE TO THE RESIDENTS BETWEEN THE HOURS OF 6:30 - 8:30 AM AND 4:30 - 6:30 PM THE ONLY EXCEPTION SHALL BE DURING CURB AND APRON REPLACEMENT CONSTRUCTION AT THE DRIVE ENTRANCES. SHOULD WORK THAT MAY BLOCK THE DRIVEWAY BE NECESSARY, THE CONTRACTOR MUST NOTIFY THE RESIDENTS OR BUSINESSES AT LEAST TWO (2) WORKING DAYS PRIOR TO CLOSING DRIVEWAYS. IF THE RESIDENTS AND BUSINESSES HAVE NOT BEEN NOTIFIED TWO (2) WORKING DAYS IN ADVANCE OF THE ANTICIPATED DRIVE CLOSURES, THE CONTRACTOR WILL BE PROHIBITED FROM MAKING THESE CLOSURES UNTIL SUCH TIME AS THE PROPER ADVANCE NOTIFICATION IS MADE.

IN ADDITION TO DRIVEWAY BLOCKAGE NOTIFICATION PROVIDED AND DISTRIBUTED BY THE CONTRACTOR, THE CITY SHALL PREPARE AND THE CONTRACTOR SHALL IMMEDIATELY DISTRIBUTE (HAND DELIVER) UP TO FOUR (4) PUBLIC NOTICES TO EACH RESIDENT OR BUSINESS DURING THE JOB IN ORDER TO KEEP THE RESIDENTS INFORMED THROUGHOUT THE PROJECT.

THE MAXIMUM TIME PERIOD FOR DRIVEWAY CLOSURE SHALL BE 96 HOURS. THE CONTRACTOR SHALL PLACE NEW CURBS WITHIN 48 HOURS OF REMOVAL. THE CONTRACTOR SHALL KEEP DRIVEWAYS CLOSED FOR A 48-HOUR PERIOD AFTER CONCRETE PLACEMENT TO PERMIT THE CURING OF CONCRETE CURBS, DRIVEWAY APRONS, OR SIDEWALK ACROSS DRIVEWAYS.

TEMPORARY BLOCKING OF THE DRIVEWAY TO ANY RESIDENTIAL PROPERTY DURING CONSTRUCTION IS ALLOWABLE (MAX. 96 HOURS). HOWEVER, ACCESS TO PROPERTIES FOR DELIVERIES, SERVICE, EMERGENCY VEHICLES, ETC., SHALL BE MAINTAINED AT ALL TIMES.

THE CONTRACTOR SHALL NOTE THAT ANY INTERIM MATERIAL USED FOR PROVIDING DRIVEWAY INGRESS AND EGRESS WILL NOT BE A SEPARATE PAY ITEM, AND THE COST OF SAID INTERIM MATERIAL SHALL BE INCLUDED IN THE LUMP-SUM PRICE BID FOR ITEM 614.

IN THOSE AREAS WHERE EXISTING PAVEMENT IS TO BE RESURFACED OR REMOVED AND REPLACED, THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS SO AS TO MAINTAIN DRIVEWAY TRAFFIC THROUGH THE CONSTRUCTION AREA. IF TWO APPROVED ACCESS POINTS SERVE THE SAME PARKING AREA, THE CONTRACTOR WILL BE PERMITTED TO CLOSE ONE ACCESS AT A TIME. THE CONTRACTOR WILL BE PERMITTED TO CLOSE PAVED AREAS TO TRAFFIC FOR A MINIMUM PERIOD OF TIME, CONSISTENT WITH THE REQUIREMENTS OF THE SPECIFICATIONS FOR THE PROTECTION OF COMPLETED ASPHALT CONCRETE COURSES. IF BUSINESS PROPERTY IS INVOLVED, AN ALTERNATE ACCESS MUST BE PROVIDED IF BLOCKAGE EXCEEDS ONE (1) HOUR. REPEATED BLOCKING MUST ALLOW AT LEAST A 15-MINUTE INTERVAL OF TRAFFIC ACCESS EVERY HOUR. TIME PERIOD OF RESIDENTIAL DRIVEWAY CLOSURES SHALL BE KEPT TO A MINIMUM, BUT NO MORE THAN THE MAXIMUM TIME PERIOD STATED IN THE ABOVE PARAGRAPHS.

CONSTRUCTION STIPULATION

- A. THE CONTRACTOR SHALL NOT STORE MATERIALS AND EQUIPMENT, OPERATE EQUIPMENT ON OR OVER PROPERTY OTHER THAN THE PUBLIC RIGHT-OF-WAY OR AREAS THAT ARE A PART OF THE PROJECT CONSTRUCTION.
- B. THE CONTRACTOR SHALL SUBMIT, IN WRITING, A SCHEDULE OF OPERATIONS TO THE ENGINEER AND RECEIVE APPROVAL BEFORE STARTING WORK ON THIS PROJECT.
- C. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ORGANIZE THE WORK IN SUCH A MANNER TO PROVIDE THE MOST SAFETY WITH THE LEAST INCONVENIENCE TO THE TRAVELING PUBLIC.
- D. THE CONTRACTOR SHALL ALSO FURNISH, INSTALL, MAINTAIN, AND REMOVE ALL ADDITIONAL SIGNS OR TRAFFIC CONTROL DEVICES DEEMED NECESSARY BY THE ENGINEER WITH ALL ASSOCIATED COSTS INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614 - "MAINTENANCE OF TRAFFIC AS PER PLAN."
- E. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING SAFE AND EFFECTIVE TRAFFIC CONTROL 24-HOURS A DAY FOR THE DURATION OF THIS PROJECT. ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED, MAINTAINED, AND REMOVED BY THE CONTRACTOR.

IN GENERAL, UNLESS SPECIFICALLY SET FORTH HEREIN, THE WORK AND MATERIALS SHALL CONFORM TO THE APPLICABLE DIVISIONS AND PARAGRAPHS OF THE MOST CURRENT EDITION OF THE:

STATE OF OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS

MATERIALS AND SPECIFICATIONS

UNLESS OTHERWISE SPECIFIED, ALL MATERIALS SHALL BE NEW AND BOTH WORKMANSHIP AND MATERIALS SHALL BE OF PREMIUM QUALITY, PROPER AND SUFFICIENT FOR THE PURPOSE CONTEMPLATED. THE CONTRACTOR SHALL FURNISH, IF SO REQUIRED, SATISFACTORY EVIDENCE AS TO TYPE AND QUALITY OF MATERIALS AND WORKMANSHIP.

ALL ITEMS OF EQUIPMENT AND/OR MATERIAL PROPOSED BY THE CONTRACTOR FOR SUBSTITUTIONS MUST BE APPROVED BY THE ENGINEER IN WRITING AND SHALL BE EQUAL OR SUPERIOR TO THE ITEMS SPECIFIED IN THE CONTRACT DOCUMENTS. IF SAID SUBSTITUTION PROPOSED BY THE CONTRACTOR FOR A SPECIFIED ITEM REQUIRES ENGINEERING REVISIONS, THE TOTAL EXPENSE OF SAID REVISIONS SHALL BE PAID BY THE CONTRACTOR.

ANY ITEMS OF LABOR AND MATERIALS REQUIRED BUT NOT SHOWN AS A SEPARATE PAY ITEM IN THE PROPOSAL SHALL BE FURNISHED AND INSTALLED AS INCIDENTAL TO THE CONTRACT, EXCEPT AS NOTED IN THE PLANS AND SPECIFICATIONS.

PERMITS

THE CONTRACTOR SHALL OBTAIN ALL PERMITS AND PAY ALL CHARGES AND FEES AS MAY BE NECESSARY AND REQUIRED BY THE CITY OR STATE.

RESPONSIBILITY

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM HIS WORK IN SUCH A MANNER AS NOT TO DAMAGE OR DESTROY ANY EXISTING FEATURE, (I.E. EXISTING INLETS, CONDUITS, ETC.) WHICH IS NOT MARKED FOR REPLACEMENT OR REMOVAL. IF ANY SUCH DAMAGE DOES OCCUR DUE TO THE OPERATIONS OF THE CONTRACTOR, HE SHALL REPLACE THE DAMAGED PORTION AT HIS EXPENSE.

THE CONTRACTOR SHALL EXERCISE DUE CARE DURING CONSTRUCTION SO AS NOT TO DESTROY ANY TREES, PLANTS, SHRUBS OR STRUCTURES OUTSIDE OF THE INDICATED WORK LIMITS AND THOSE NOT SPECIFICALLY MARKED FOR REMOVAL OR RELOCATION WITHIN THE WORK LIMITS.

IN SOME INSTANCES, THE CONTRACTOR WILL BE REQUIRED TO EXCAVATE UNDER AND AROUND THE EXISTING UTILITIES. EXTREME CARE SHOULD BE USED NOT TO DAMAGE THE UTILITY DURING THIS OPERATION.

WATER POLLUTION, SOIL EROSION AND SILTATION CONTROL

THE CONTRACTOR SHALL TAKE EXTREME CARE AND UTILIZE BEST MANAGEMENT PRACTICES TO CONTROL SEDIMENT AND EROSION DURING THE PROJECT AND TO PREVENT UNNECESSARY EROSION, WATER POLLUTION AND SILTATION AT ALL POINTS OF THE PROJECT. TEMPORARY SEEDING AND MULCHING; INLET PROTECTION; STRAW BALES; SLOPE DRAINS, ETC., SHALL BE USED AS NECESSARY OR AS DIRECTED BY THE CITY, THE COST OF WHICH SHALL BE INCIDENTAL TO THE OVERALL CONTRACT PRICE.

EROSION AND DUST CONTROL

THE CONTRACTOR SHALL TAKE EXTREME CARE TO PREVENT UNNECESSARY EROSION AT ALL POINTS OF THE PROJECT.

DUST SHALL BE KEPT TO A MINIMUM. COST OF EQUIPMENT, WATER, LABOR AND MATERIAL, ETC. REQUIRED TO PERFORM DUST CONTROL SHALL BE INCIDENTAL TO THE OVERALL BID PRICE.

TESTING

THE CONTRACTOR SHALL INCLUDE THE COST OF ALL REQUIRED TESTS IN THE UNIT PRICE BID FOR THE PERTINENT ITEM AND NO SEPARATE COMPENSATION IS TO BE MADE FOR SAID TESTING.

CITY OWNED TRAFFIC SIGNS, POSTS, SIGNALS, AND POLES

TRAFFIC SIGNS, POSTS, SIGNAL EQUIPMENT AND POLES THAT ARE NOT INTENDED TO BE REUSED SHALL BE CAREFULLY REMOVED, CLEANED AND DELIVERED TO THE CITY MAINTENANCE GARAGE FOR INSPECTION AND STORAGE. IF ANY OF THOSE ITEMS GET DAMAGED BY THE CONTRACTOR THEY SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE CITY.

PROTECTION OF MONUMENTATION

CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ANY SURVEY MONUMENTS ENCOUNTERED IN FIELD. COST FOR PROTECTION, RELOCATION AND COORDINATION WITH COUNTY TO BE MADE INCIDENTAL TO OVERALL CONTRACT PRICE.

REVIEW OF DRAINAGE FACILITIES

BEFORE ANY WORK IS STARTED ON THE PROJECT AND AGAIN BEFORE FINAL ACCEPTANCE BY THE CITY OF FOREST PARK, THE CONTRACTOR WITH THE CITY ENGINEER OR INSPECTOR SHALL MAKE AN INSPECTION OF THE EXISTING SEWERS WITHIN THE WORK LIMITS WHICH ARE TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCES SHALL BE DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTIONS SHALL BE KEPT IN WRITING BY THE CONTRACTOR.

ALL NEW CONDUITS, INLETS, CATCH BASINS, AND MANHOLES CONSTRUCTED AS A PART OF THE PROJECT SHALL BE FREE OF ALL FOREIGN MATTER AND IN A CLEAN CONDITION BEFORE THE PROJECT WILL BE ACCEPTED BY THE CITY.

ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE-MENTIONED PARTIES SHALL BE MAINTAINED AND LEFT IN A CONDITION REASONABLY COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. ANY CHANGE IN THE CONDITION RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE CORRECTED BY THE CONTRACTOR TO THE SATISFACTION OF THE CITY.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCIDENTAL TO THE CONTRACT.

FOR BID

verdantas

ISSUED FOR:	BID	NO	REVISION	DATE
ISSUE DATE:	02/05/2026			
SCALE:	AS SHOWN			
DESIGNED BY:	EMOR			
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2026 STREET PROGRAM
CITY OF FOREST PARK
- HAMILTON COUNTY, OHIO -

GENERAL NOTES

PROJECT NO.	
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GENERAL NOTES

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PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCIDENTAL TO THE CONTRACT.

CONNECTIONS

EXISTING ROOF DRAINS, FOOTER DRAINS OR YARD DRAINS DISTURBED BY THE PROPOSED WORK SHALL BE PROVIDED WITH UNOBSTRUCTED OUTLETS BY CONNECTING TO A STORM SEWER, MANHOLE, CATCH BASIN, AS DIRECTED BY THE ENGINEER.

THE LOCATION, TYPE, SIZE AND GRADE OF REQUIRED REPLACEMENTS WILL BE DETERMINED BY THE FIELD INSPECTOR DURING CONSTRUCTION.

COORDINATION WITH OTHER CONTRACTORS

OTHER CONTRACTORS AND/OR UTILITY COMPANIES MAY BE WORKING IN THIS AREA CONCURRENT WITH THIS CONTRACT. THE CONTRACTOR SHALL COORDINATE WORK ACTIVITIES WITH ALL OTHER CONTRACTORS IN THE AREA.

MANHOLES, CATCH BASINS AND INLETS

ALL CASTINGS FOR MANHOLES, CATCH BASINS AND INLETS SHALL CONFORM TO THOSE SPECIFIED IN THE STANDARD CONSTRUCTION DRAWINGS. ALL CASTINGS WHICH MIGHT BE SUBJECT TO VEHICLE TRAFFIC SHALL BE OF THE HEAVY DUTY GRADE. GRATED INLET TOPS SHALL BE PLACED AS SPECIFIED ON THE PLANS.

TOP OF CASTING ELEVATIONS ARE SUBJECT TO FINAL ADJUSTMENTS AS APPROVED BY THE ENGINEER. ALL MANHOLES WITHIN WALK AREA SHALL HAVE A FLAT FLUSH COVER. ALL CASTINGS USED SHALL BE SUBJECT TO THE FINAL APPROVAL OF THE ENGINEER.

CONTINGENCY QUANTITIES

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK FOR PLAN ITEMS SET UP TO BE USED "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED AT THE FIELD INSPECTOR'S DISCRETION SHALL BE MADE A MATTER OF RECORD BY INCORPORATION INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

SEED, MULCH & FERTILIZER

ALL SEEDING, MULCHING AND FERTILIZING SHALL BE DONE TO DAMAGED AREAS AT THE EXPENSE OF THE CONTRACTOR.

THE CITY ENGINEER SHALL DETERMINE ALL AREAS REQUIRING SEEDING, MULCHING AND FERTILIZER PERTINENT TO THIS CONTRACT.

SAW CUTTING EXISTING PAVEMENT

ALL EXISTING PAVEMENT SHALL BE SAW CUT BEFORE REMOVAL TO OBTAIN A UNIFORM EDGE. THE COST OF SAW CUTTING AND PAVEMENT REMOVAL SHALL BE INCIDENTAL TO THE PERTINENT REMOVAL ITEM.

ITEM 201 CLEARING AND GRUBBING, AS PER PLAN

THIS WORK SHALL CONSIST OF CLEARING, GRUBBING, REMOVAL OF ALL TREES AND STUMPS AND ALL VEGETATION AND DEBRIS WITHIN THE WORK LIMITS. THE WORK SHALL ALSO INCLUDE ANY REMOVAL OF POSTS, ROCKS, LANDSCAPING AND ANY OTHER OBJECTS WITHIN THE CONSTRUCTION LIMITS WHICH THE REMOVAL AND DISPOSAL OF IS DEEMED NECESSARY TO ALLOW FOR THE PROPOSED IMPROVEMENTS TO TAKE PLACE. ANY EXISTING MAILBOX SHALL BE REMOVED, STORED, AND RESET AS A PART OF THIS ITEM. THE COST OF THIS WORK SHALL BE INCLUDED IN THE BID ITEM 201 - CLEARING AND GRUBBING, AS PER PLAN.

FIELD ADJUSTMENT OF PROPOSED ELEVATIONS

UPON COMPLETION OF THE PROPOSED TOP OF CURB AND CENTERLINE ELEVATIONS LAYOUT STAKING, THE ENGINEER WILL REVIEW AND ADJUST THE PROPOSED ELEVATIONS AT THE ENGINEERS DISCRETION.

ITEM 452, NON-REINFORCED CONCRETE PAVEMENT, MISC.: 6" PLAIN PORTLAND CEMENT CONCRETE DRIVEWAY REMOVAL & REPLACEMENT

IN ADDITION TO THE SPECIFICATIONS PROVIDED IN THE BID BOOK, DETAILS PROVIDED ON THE DRIVEWAY SHEETS, THE FOLLOW SHALL APPLY:

1. THE ABOVE-NOTED BID ITEMS ARE ALL-INCLUSIVE COSTS FOR THE COMPLETE REMOVAL AND CONSTRUCTION OF THE DRIVEWAY SECTIONS AS NOTED IN THE PLANS.
2. THE INTENT IS FOR THE HORIZONTAL LOCATION TO MATCH THE EXISTING DRIVEWAY, UNLESS OTHERWISE NOTED. THE FINAL LOCATIONS, ETC., MAY BE REVIEWED BY THE ENGINEER WHO MAY ADJUST THE LOCATION AT THEIR DISCRETION.
3. CONCRETE SHALL BE CLASS QC MS.

DOWN TIME DUE TO FIELD CONFLICTS

DURING THE CONSTRUCTION ACTIVITIES OF THIS PROJECT, THERE MAY BE TIMES WHEN THE CONSTRUCTION IN SOME AREAS MAY NEED TO BE SUSPENDED PENDING RESPONSE ON, OR RESOLUTION TO AN ISSUE FROM THE OWNER AND/OR ENGINEER. THE CONTRACTOR, IN THIS CASE SHALL MOVE THE CREWS AND EQUIPMENT TO WORK IN A DIFFERENT AREA OR ON A DIFFERENT TASK. COST OF MOBILIZING AND DEMOBILIZING OF THE CONTRACTORS WORK CREWS AND EQUIPMENT INCLUDING "DOWNTIME" SHALL BE INCIDENTAL TO THE OVERALL BID PRICE FOR THIS PROJECT.

UTILITIES

UTILITIES DATA IS BASED UPON INFORMATION PROVIDED BY THE UTILITY COMPANIES AND HAS NOT BEEN VERIFIED BY THE ENGINEER. THE ENGINEER OR THE OWNER IS NOT RESPONSIBLE OR LIABLE FOR DATA SUPPLIED BY OTHERS.

UTILITIES NOT UNDERGROUND, AND PRIVATE SEPTIC SYSTEMS IN SINGLE OR DOUBLE FAMILY DWELLINGS UTILIZED FOR ONLY THAT DWELLING AND NOT CONNECTED TO ANY OTHER SYSTEM ARE NOT INCLUDED ON THE PLAN.

WITHIN 10 DAYS OF THE AWARD OF THE CONTRACT, THE OWNER SHALL NOTIFY ALL UTILITIES OF THE NAME, ADDRESS AND PHONE NUMBER OF THE CONTRACTOR. THE CONTRACTOR SHALL NOTIFY THE REGISTERED UNDERGROUND UTILITY PROTECTION SERVICE AND NON-MEMBER OWNERS OF THE STARTING DATE AT LEAST TWO WORKING DAYS PRIOR TO STARTING WORK. THE UTILITY SHALL MARK, STAKE OR OTHERWISE DESIGNATE THE LOCATION OF THE UNDERGROUND FACILITIES WITHIN 48 HOURS OF RECEIVING THE CONTRACTORS NOTICE OF A STARTING DATE. THE MARKING OR LOCATING SHALL BE COORDINATED TO STAY APPROXIMATELY TWO DAYS AHEAD OF THE PLANNED CONSTRUCTION.

DURING CONSTRUCTION, THE CONTRACTOR SHALL REPORT IMMEDIATELY TO THE OWNERS OF THE UNDERGROUND FACILITIES ANY BREAK OR LEAK IN THE FACILITIES, OR ANY DENT, GOUGE, GROOVE OR OTHER DAMAGE. THE CONTRACTOR SHALL NOTIFY NEARBY OCCUPANTS OF ANY EMERGENCY SITUATION THAT MAY ARISE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL UTILITY ACTIVITIES AND SCHEDULES.

UTILITY COORDINATION

UTILITY COORDINATION WILL BE ONGOING THROUGHOUT THE PROJECT BETWEEN THE CITY ENGINEER AND THE UTILITIES IN THE AREA. ALL UTILITY RELOCATIONS SHALL BE COORDINATED BETWEEN CONTRACTOR AND THE UTILITY OWNERS IN SUCH A WAY AS TO AVOID AND/OR MINIMIZE ANY INCONVENIENCE TO POTENTIALLY AFFECTED CUSTOMERS. ALL UTILITY RELOCATIONS NOT INCLUDED IN THIS CONTRACT SHALL BE ONGOING THROUGHOUT THE CONSTRUCTION PERIOD. UPON THE CONTRACT AWARD, THE COORDINATION OF ALL NECESSARY RELOCATIONS WITH THE UTILITIES SHALL BECOME THE RESPONSIBILITY OF THE CONTRACTOR.

UTILITY OWNERSHIP

THE FOLLOWING UTILITIES AND OWNERS ARE LOCATED WITHIN THE WORK LIMITS OF THIS PROJECT:

ELECTRIC (DAVID MANNING) DUKE ENERGY 139 E. FOURTH STREET ROOM 467, ANNEX CINCINNATI, OH 45201 513-287-2689	SEWER (ROB FRANKLIN) METROPOLITAN SEWER DISTRICT OF GREATER CINCINNATI 1600 GEST STREET CINCINNATI, OHIO 45204 513-557-7167
--	---

GAS (MARK BRANSCUM) DUKE ENERGY 139 E. FOURTH STREET ROOM 460-A CINCINNATI, OH 45201 513-287-2762	CABLE TV (KENT REIGER) CHARTER COMMUNICATIONS 11252 CORNELL PARK DRIVE 10920 KENWOOD ROAD CINCINNATI, OHIO 45242 513-469-5483
--	--

TELEPHONE (BRECK M. COWN) CINCINNATI BELL TELEPHONE COMPANY 221 E. FOURTH STREET BLDG. 121-900 CINCINNATI, OHIO 45201 513-565-7043	WATER (KYLE BUCKLEY) GREATER CINCINNATI WATER WORKS 4747 SPRING GROVE AVENUE CINCINNATI, OHIO 45232 513-591-5007
	STORM CITY OF FOREST PARK 1201 W KEMPER ROAD CINCINNATI, OHIO 45240 513-595-5258

STRUCTURAL GENERAL NOTES

DESIGN SPECIFICATIONS

GOVERNING BUILDING CODE: 2011 OHIO BASIC BUILDING CODE

CONCRETE

ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE LATEST SPECIFICATIONS OF THE AMERICAN CONCRETE INSTITUTE AND THE CONCRETE REINFORCING STEEL INSTITUTE.

CONCRETE STRENGTHS AT 28 DAYS:
SPREAD FOOTINGS 3000 PSI

AT CORNERS AND INTERSECTIONS OF FOOTINGS AND WALLS, PROVIDE BENT BARS OF EQUAL SIZE AND AT SAME SPACING AS TYPICAL REINFORCING AROUND CORNER AND/OR INTO ABUTTING WALL. BARS SHALL HAVE EMBEDMENT OF 18 DIAMETERS (12" MINIMUM) PAST INSIDE EDGE OF CORNER.

WHERE CONCRETE IS PLACED DIRECTLY ON GROUND, REINFORCING STEEL SHALL HAVE 3" OF CONCRETE COVER. AT ALL OTHER PLACES, CONCRETE COVER TO BE A MIN. OF 1 1/2" UNLESS NOTED OTHERWISE.

ALL CONCRETE EXPOSED TO WEATHER SHALL BE AIR ENTRAINED.

REINFORCING STEEL : ASTM A615 OR A616, GRADE 60. MINIMUM LAP LENGTH - 48 DIAMETERS.

PROVIDE (2) #5 REBARS, 5'-0" LONG AT ALL CORNERS IN INTERIOR SLAB.

FOUNDATIONS

ALL SOIL BEARING SURFACES SHALL BE LEVEL (WITHIN 1/4" IN 12).

FOUNDATION ELEVATIONS SHOWN ARE FOR BIDDING PURPOSES AND MAY VARY TO SUIT SUBSURFACE SOIL CONDITIONS.

GENERAL

IN ACCORDANCE WITH THE GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THE REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.

ANY INFORMATION OR DATA ON THESE DRAWINGS IS NOT INTENDED TO BE SUITABLE FOR REUSE BY ANY PERSON, FIRM OR CORPORATION OR ANY OTHERS ON EXTENSIONS OF THE PROJECT OR FOR ANY USE ON ANY OTHER PROJECT. ANY REUSE WITHOUT WRITTEN VERIFICATION AND ADAPTATION BY THE ENGINEER FOR THE SPECIFIC PURPOSE INTENDED WILL BE AT THE USERS SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO THE ENGINEER.

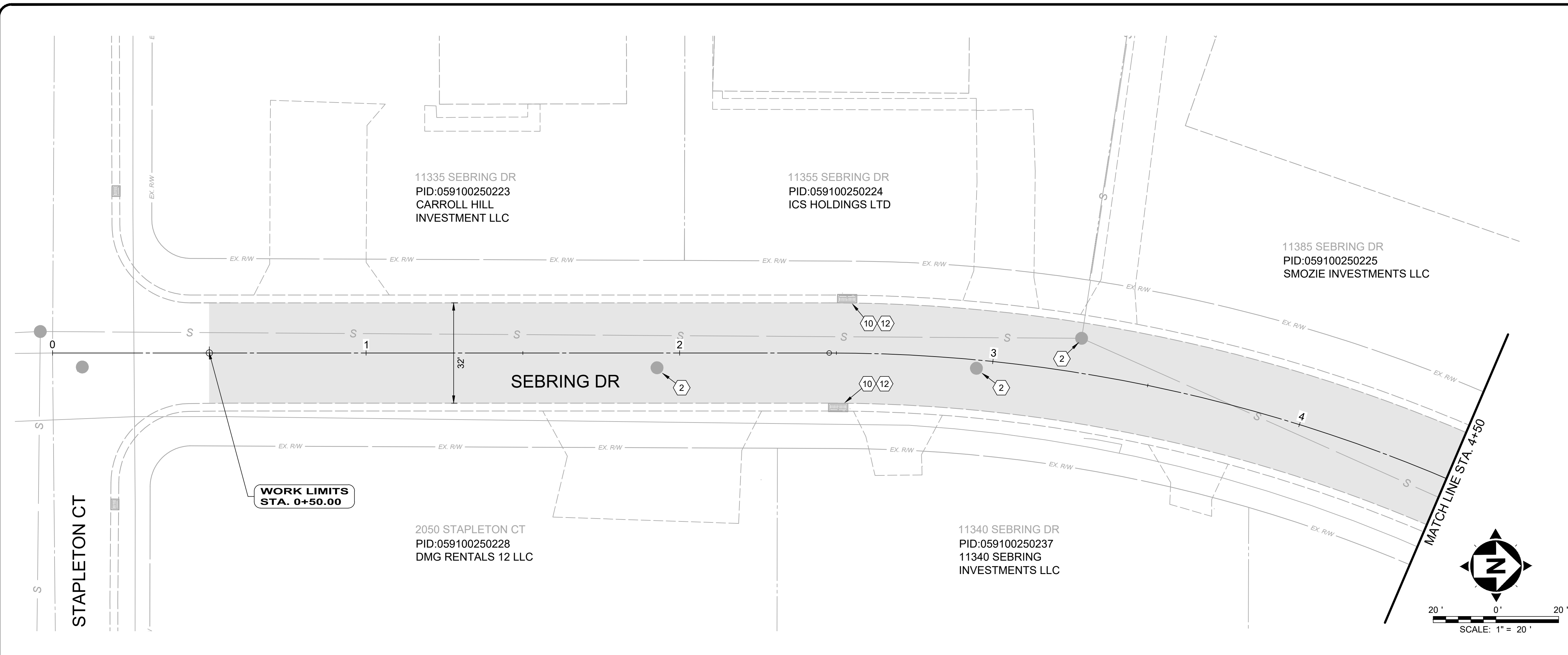
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	02/05/2026	AS SHOWN	EMOR	EMOR	FTW/E

NO	REVISION	DATE

PROJECT NO. 41412
DISCIPLINE CIVIL
SHEET NAME NOTES
SHEET 4 OF 15

FOR BID

verdantas



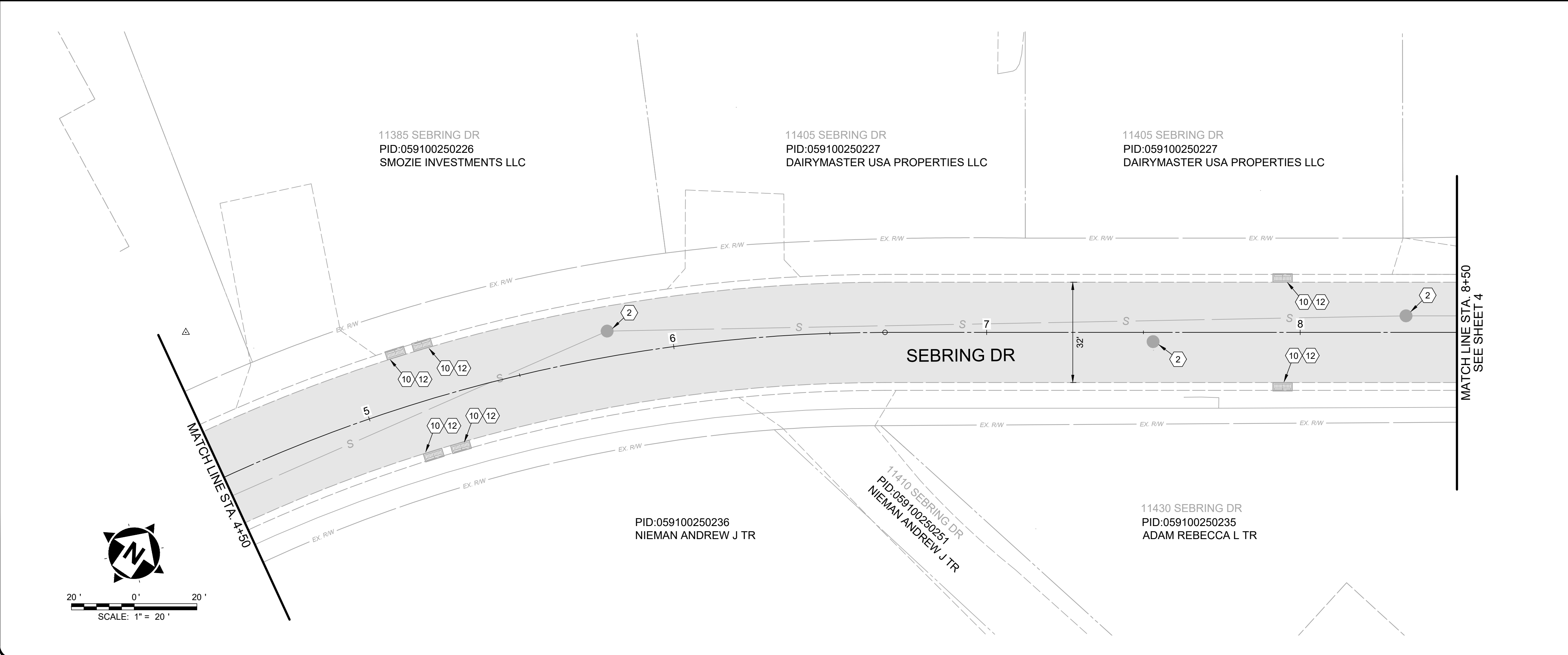
HATCH LEGEND	
	PAVEMENT PLANING AND OVERLAY
	ITEM 608 - ADA CURB RAMP

- NOTES**
- THE FINAL FULL DEPTH REPAIR AREAS WILL BE MARKED WHEN THE PLANING OPERATIONS HAVE BEEN COMPLETED.
 - ADJUSTMENTS TO VALVE BOXES, METERS OR OTHER ASSOCIATED GAS, ELECTRIC, TELEPHONE, WATER, OR CABLE FACILITIES, IF NECESSARY, SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND SHALL BE COMPLETED PER UTILITY OWNER REQUIREMENTS.
 - ALL PAVEMENT MARKINGS ON CARILLON BLVD SHOULD BE MADE TO MATCH EXISTING MARKINGS.
 - RESTORE ALL DOWNSPOUT LINES IN CURB. A CONTINGENCY QUANTITY FOR ITEM 611 - DOWN SPOUT CONDUIT, MISC.: PVC SCHEDULE 40 PIPE, 3" HAS BEEN PROVIDED IN THE COST ESTIMATE.
 - FINAL LOCATIONS OF CURB AND GUTTER REMOVAL AND REPLACEMENT TO BE MARKED IN FIELD BY ENGINEER.

- CONSTRUCTION NOTES**
- ITEM 611 - STORM MANHOLE ADJUSTED TO GRADE
 - ITEM SPECIAL - SANITARY MANHOLE ADJUSTED TO GRADE
 - ITEM 644 - CHANNELIZING LINE, 8" SOLID WHITE
 - ITEM 644 - CENTERLINE, 4" SOLID DOUBLE YELLOW
 - ITEM 644 - STOP LINE, 24"
 - ITEM 644 - LANE ARROW, 96"
 - ITEM 644 - WORD ON PAVEMENT, 96"
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 - ITEM 611 - FURNISH NEW CURB PLATE, S.G.I., AS PER PLAN
 - ITEM 611 - FURNISH NEW CATCH BASIN FRAME AND TYPE "L" GRATE(S), AS PER PLAN
 - ITEM 809 - STOP LINE RADAR DETECTION

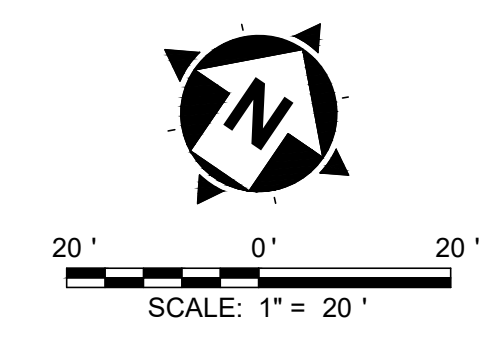
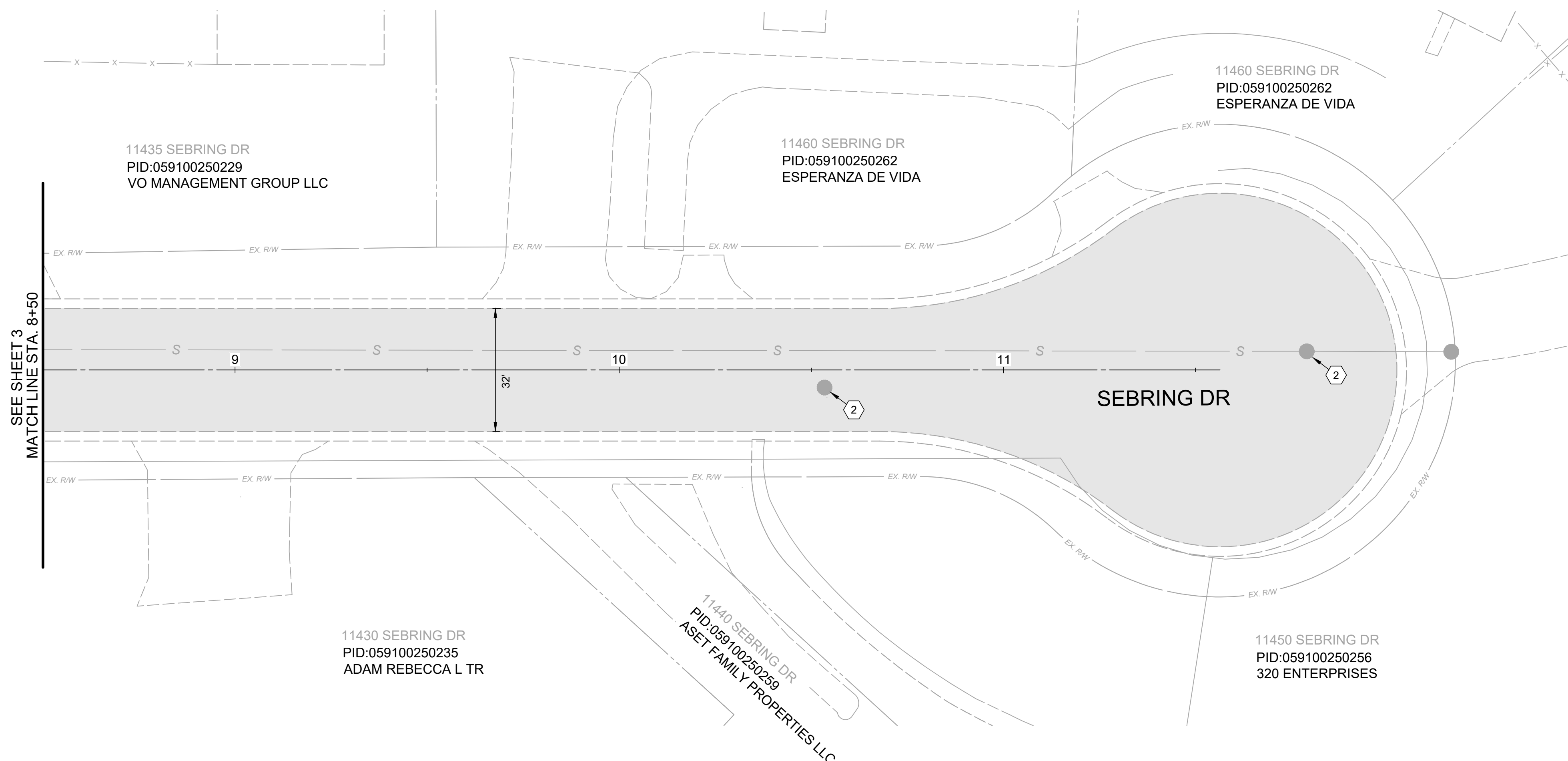
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ISSUE DATE: 02/05/2026			
SCALE: AS SHOWN			
DESIGNED BY: EMOR			
DRAWN BY: EMOR			
CHECKED BY: FTWE			

STREET	CB-3 REBUILD	CB-3A REBUILD	CURB PLATE D.G.I.	CURB PLATE S.G.I.	FRAME & GRATE
SEBRING DR.	0	0	8	0	16



PROJECT NO.	
41412	
DISCIPLINE	
CIVIL	
SHEET NAME	
P1	
SHEET	OF
5	15

2026 STREET PROGRAM
 CITY OF FOREST PARK
 - HAMILTON COUNTY, OHIO -
 SEBRING 0+50 TO 8+50



HATCH LEGEND	
	PAVEMENT PLANING AND OVERLAY
	ITEM 608 - ADA CURB RAMP

- | NOTES | |
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| ⑬ | ITEM 809 - STOP LINE RADAR DETECTION |

STREET	CB-3 REBUILD	CB-3A REBUILD	CURB PLATE D.G.I.	CURB PLATE S.G.I.	FRAME & GRATE
SEBRING DR.	0	0	0	0	0

FOR BID



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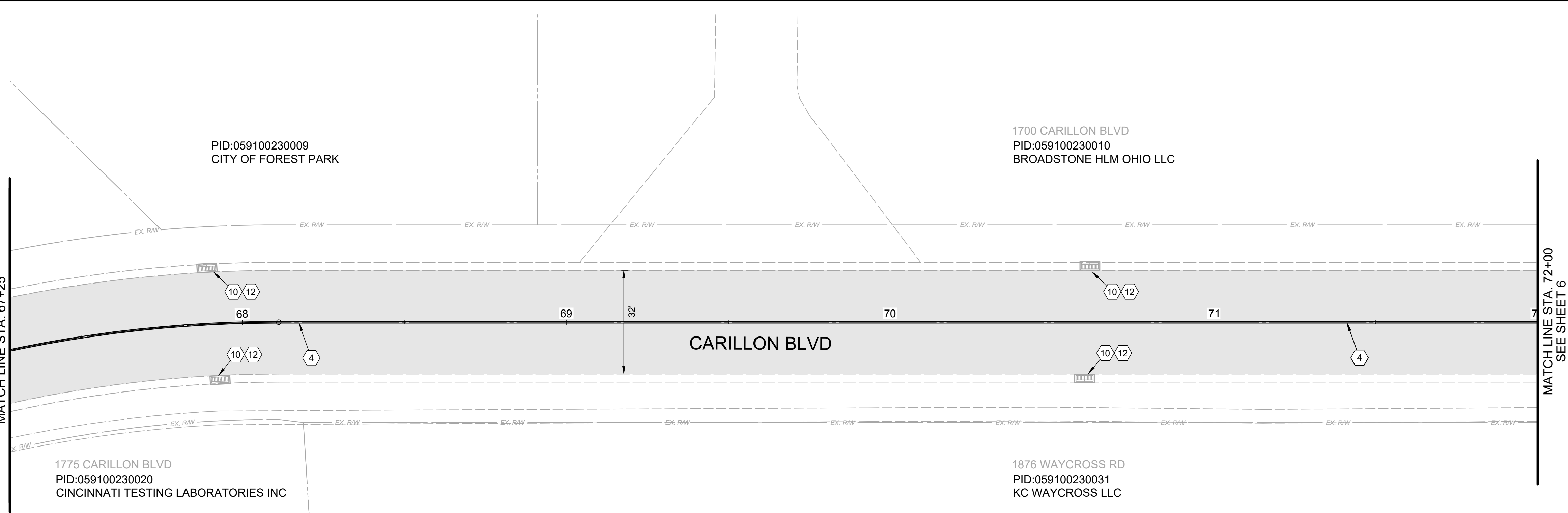
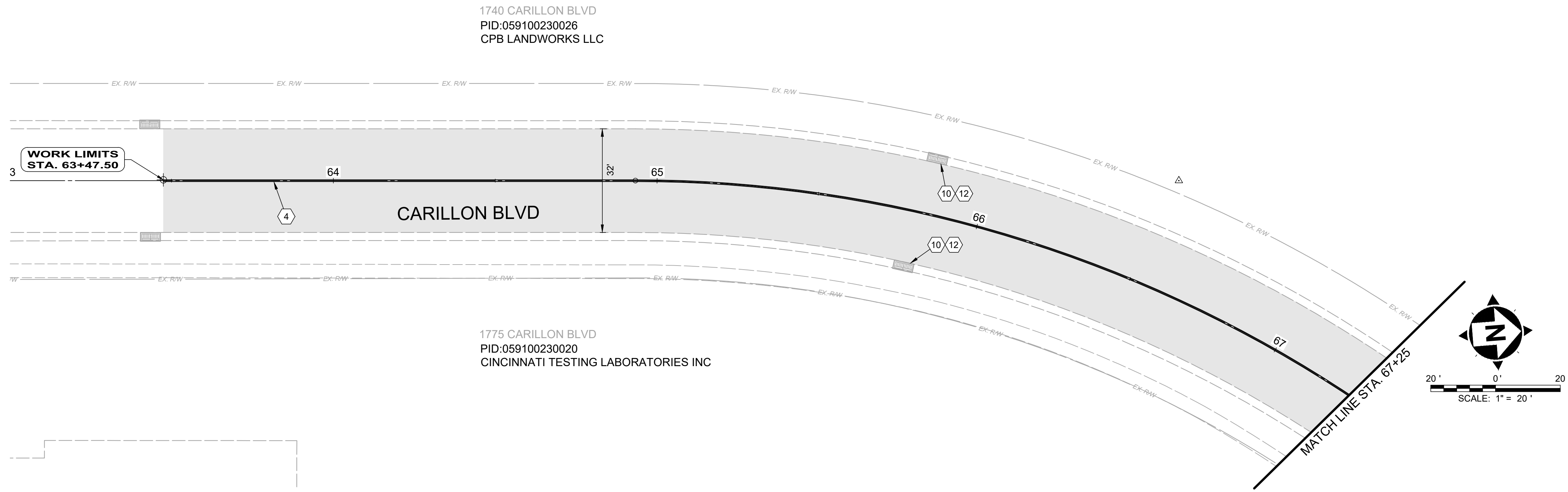
2026 STREET PROGRAM
CITY OF FOREST PARK
- HAMILTON COUNTY, OHIO -

SEBRING DR 8+50 to END

PROJECT NO.	41412
DISCIPLINE	CIVIL
SHEET NAME	P2
SHEET	OF
6	15

FOR BID

verdantas



HATCH LEGEND

- PAVEMENT PLANING AND OVERLAY
- ITEM 608 - ADA CURB RAMP

NOTES

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- 13 ITEM 809 - STOP LINE RADAR DETECTION

STREET	CB-3 REBUILD	CB-3A REBUILD	CURB PLATE D.G.I.	CURB PLATE S.G.I.	FRAME & GRATE
CARILLON BLVD	0	0	6	0	12

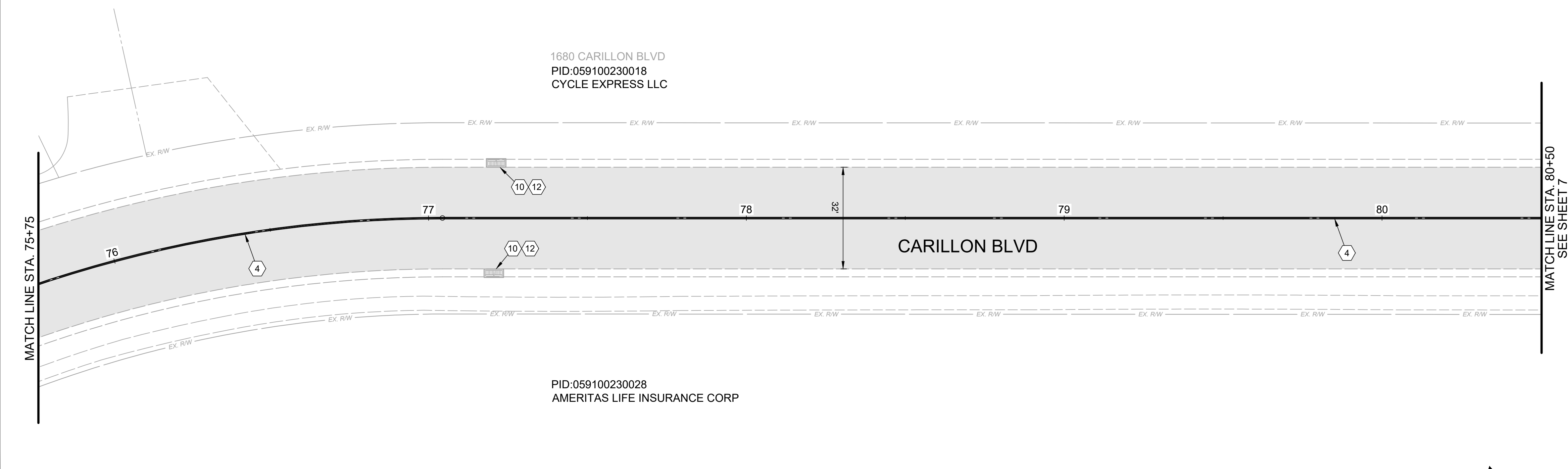
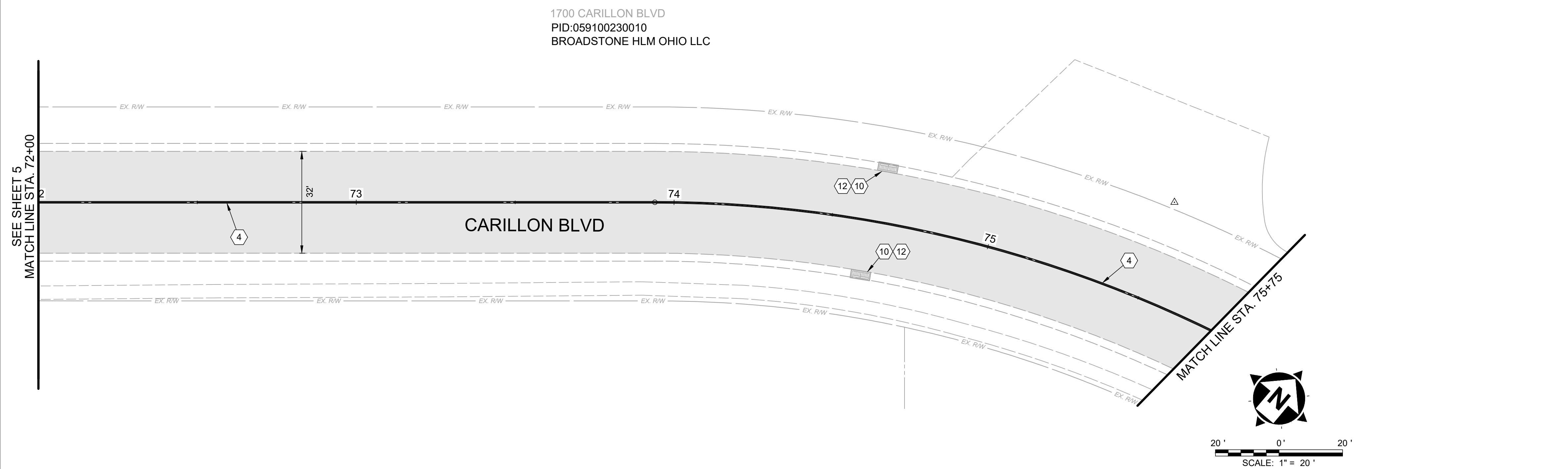
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BID	02/05/2026	AS SHOWN	EMOR	EMOR	FTWE

2026 STREET PROGRAM
CITY OF FOREST PARK
 - HAMILTON COUNTY, OHIO -
CARILLON STA 63+50 to 72+00

PROJECT NO.	41412
DISCIPLINE	CIVIL
SHEET NAME	P3
SHEET	7
OF	15

FOR BID

verdantas



HATCH LEGEND

- PAVEMENT PLANING AND OVERLAY
- ITEM 608 - ADA CURB RAMP

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STREET	CB-3 REBUILD	CB-3A REBUILD	CURB PLATE D.G.I.	CURB PLATE S.G.I.	FRAME & GRATE
CARILLON BLVD	0	0	4	0	8

ISSUED FOR:	ISSUE DATE:	SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:
	02/05/2026	AS SHOWN			

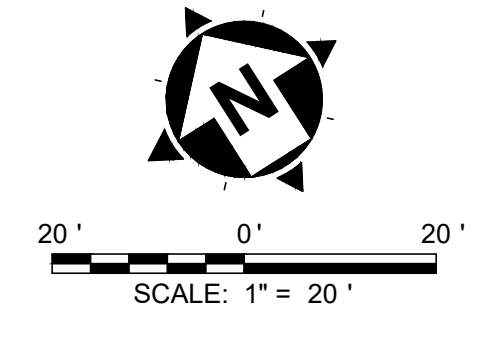
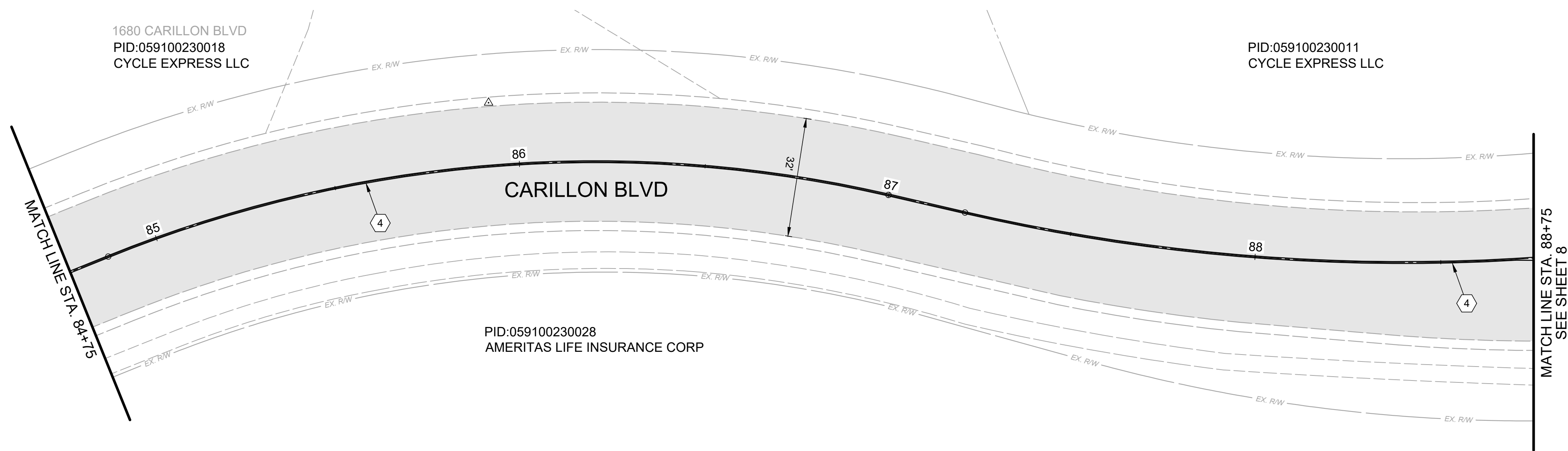
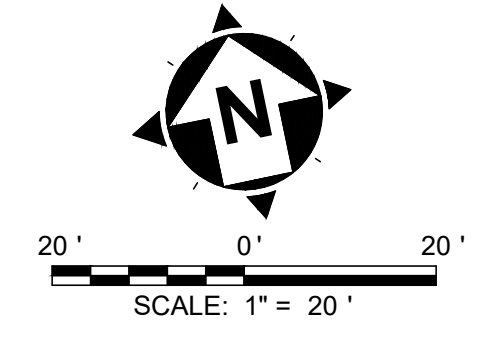
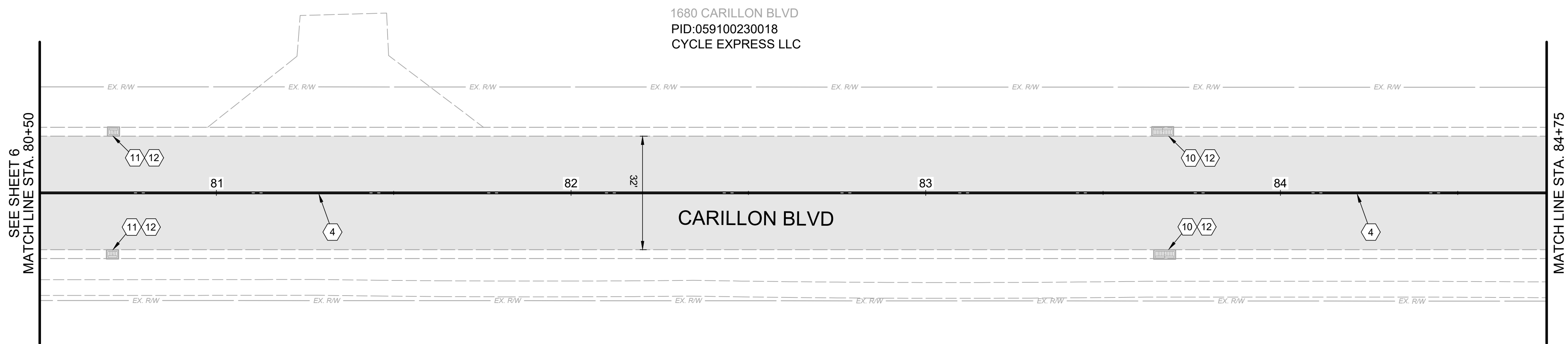
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2026 STREET PROGRAM
 CITY OF FOREST PARK
 - HAMILTON COUNTY, OHIO -
CARILLON STA 72+00 to 80+50

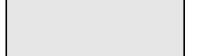

PROJECT NO.	41412
DISCIPLINE	CIVIL
SHEET NAME	P4
SHEET	8
OF	15

FOR BID

verdantas



HATCH LEGEND

-  PAVEMENT PLANING AND OVERLAY
-  ITEM 608 - ADA CURB RAMP

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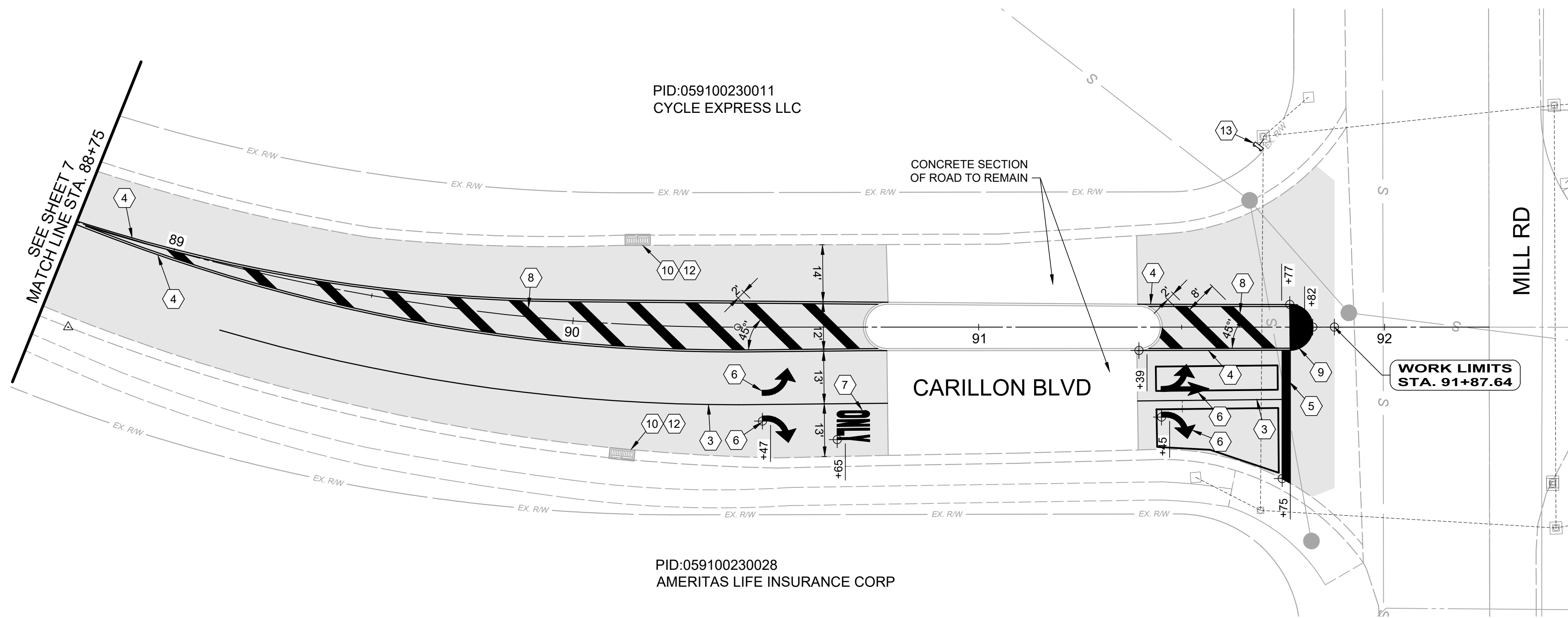
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STREET	CB-3 REBUILD	CB-3A REBUILD	CURB PLATE D.G.I.	CURB PLATE S.G.I.	FRAME & GRATE
CARILLON BLVD	0	0	2	2	6

ISSUED FOR:	ISSUE DATE:	SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:
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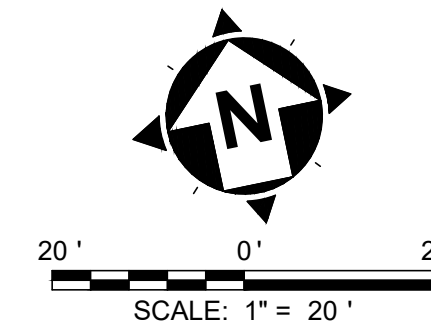
2026 STREET PROGRAM
CITY OF FOREST PARK
 - HAMILTON COUNTY, OHIO -
CARILLON STA 80+50 to 88+75

PROJECT NO.	41412
DISCIPLINE	CIVIL
SHEET NAME	P5
SHEET	OF
9	15



PID:059100230011
CYCLE EXPRESS LLC

PID:059100230028
AMERITAS LIFE INSURANCE CORP



HATCH LEGEND	
	PAVEMENT PLANING AND OVERLAY
	ITEM 608 - ADA CURB RAMP

- | NOTES | |
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| ⑧ | ITEM 644 - DIAGONAL CROSSHATCH MARKINGS, 24" YELLOW |
| ⑨ | ITEM 644 - ISLAND PAINT, YELLOW |
| ⑩ | ITEM 611 - FURNISH NEW CURB PLATE, D.G.I., AS PER PLAN |
| ⑪ | ITEM 611 - FURNISH NEW CURB PLATE, S.G.I., AS PER PLAN |
| ⑫ | ITEM 611 - FURNISH NEW CATCH BASIN FRAME AND TYPE "L" GRATE(S), AS PER PLAN |
| ⑬ | ITEM 809 - STOP LINE RADAR DETECTION. SEE SHEET 12. |

STREET	CB-3 REBUILD	CB-3A REBUILD	CURB PLATE D.G.I.	CURB PLATE S.G.I.	FRAME & GRATE
CARILLON BLVD	0	0	2	0	4

FOR BID

verdantas

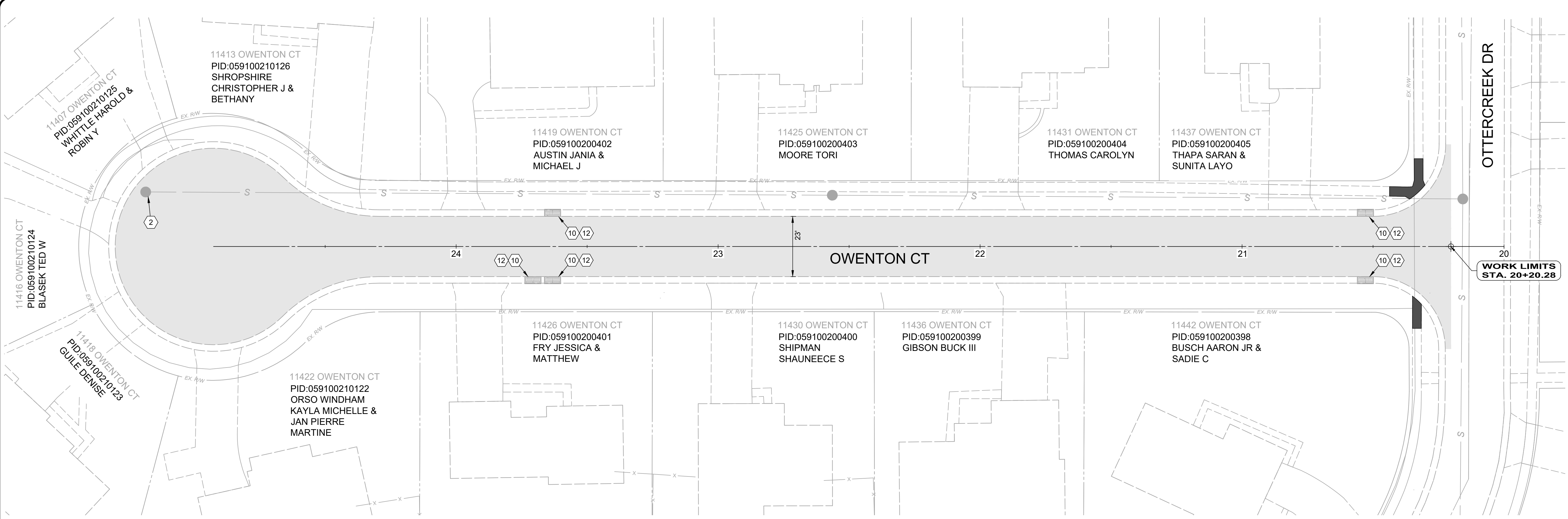
ISSUED FOR:	BID NO.	REVISION	DATE
ISSUE DATE:	02/05/2026		
SCALE:	AS SHOWN		
DESIGNED BY:	EMOR		
DRAWN BY:	EMOR		
CHECKED BY:	FTWE		

2026 STREET PROGRAM
CITY OF FOREST PARK
- HAMILTON COUNTY, OHIO -
CARILLON STA 88+75 to END

PROJECT NO.	41412
DISCIPLINE	CIVIL
SHEET NAME	P6
SHEET	10
OF	15

FOR BID

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HATCH LEGEND	
	PAVEMENT PLANING AND OVERLAY
	ITEM 608 - ADA CURB RAMP

- | NOTES | |
|-------|--|
| 1. | THE FINAL FULL DEPTH REPAIR AREAS WILL BE MARKED WHEN THE PLANING OPERATIONS HAVE BEEN COMPLETED. |
| 2. | ADJUSTMENTS TO VALVE BOXES, METERS OR OTHER ASSOCIATED GAS, ELECTRIC, TELEPHONE, WATER, OR CABLE FACILITIES, IF NECESSARY, SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND SHALL BE COMPLETED PER UTILITY OWNER REQUIREMENTS. |
| 3. | ALL PAVEMENT MARKINGS ON CARILLON BLVD SHOULD BE MADE TO MATCH EXISTING MARKINGS. |
| 4. | RESTORE ALL DOWNSPOUT LINES IN CURB. A CONTINGENCY QUANTITY FOR ITEM 611 - DOWN SPOUT CONDUIT, MISC. PVC SCHEDULE 40 PIPE, 3" HAS BEEN PROVIDED IN THE COST ESTIMATE. |
| 5. | FINAL LOCATIONS OF CURB AND GUTTER REMOVAL AND REPLACEMENT TO BE MARKED IN FIELD BY ENGINEER. |

- | CONSTRUCTION NOTES | |
|--------------------|---|
| ① | ITEM 611 - STORM MANHOLE ADJUSTED TO GRADE |
| ② | ITEM SPECIAL - SANITARY MANHOLE ADJUSTED TO GRADE |
| ③ | ITEM 644 - CHANNELIZING LINE, 8" SOLID WHITE |
| ④ | ITEM 644 - CENTERLINE, 4" SOLID DOUBLE YELLOW |
| ⑤ | ITEM 644 - STOP LINE, 24" |
| ⑥ | ITEM 644 - LANE ARROW, 96" |
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| ⑫ | ITEM 611 - FURNISH NEW CATCH BASIN FRAME AND TYPE "L" GRATE(S), AS PER PLAN |
| ⑬ | ITEM 809 - STOP LINE RADAR DETECTION |

STREET	CB-3 REBUILD	CB-3A REBUILD	CURB PLATE D.G.I.	CURB PLATE S.G.I.	FRAME & GRATE
OWENTON CT	0	0	5	0	10

ISSUED FOR:	BID NO.	DATE
ISSUE DATE:	SCALE:	DESIGNED BY:
02/05/2026	AS SHOWN	EMOR
DRAWN BY:	CHECKED BY:	
EMOR	FTWE	

2026 STREET PROGRAM
CITY OF FOREST PARK
 - HAMILTON COUNTY, OHIO -
OWENTON

PROJECT NO.	41412
DISCIPLINE	CIVIL
SHEET NAME	P7
SHEET	11
OF	15

FOR BID

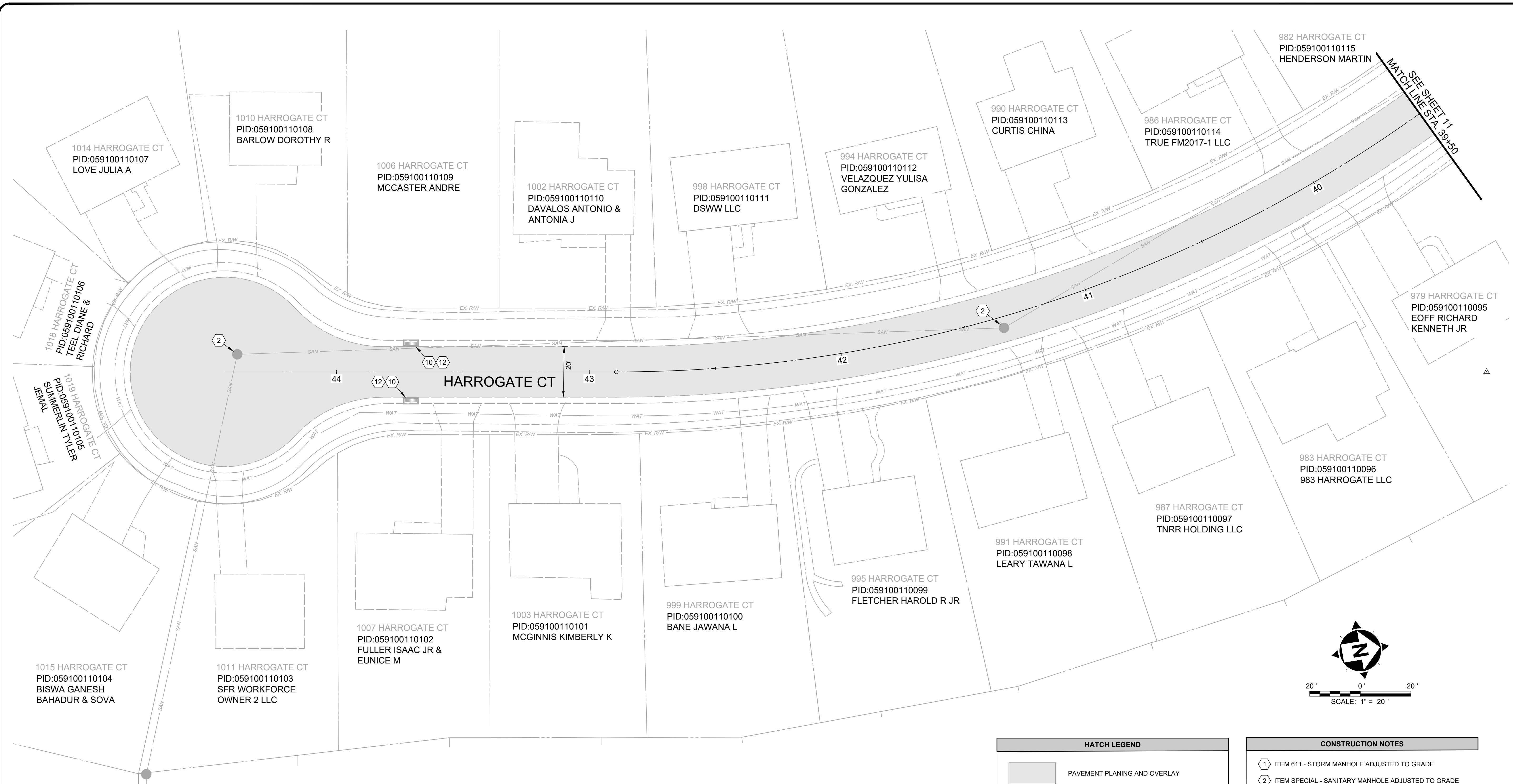
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DRAWN BY:	EMOR		
CHECKED BY:	FTWE		

2026 STREET PROGRAM
CITY OF FOREST PARK
- HAMILTON COUNTY, OHIO -

HARROGATE STA 39+50 to END

PROJECT NO.	41412
DISCIPLINE	CIVIL
SHEET NAME	P8
SHEET	12
OF	15



HATCH LEGEND	
	PAVEMENT PLANING AND OVERLAY
	ITEM 608 - ADA CURB RAMP

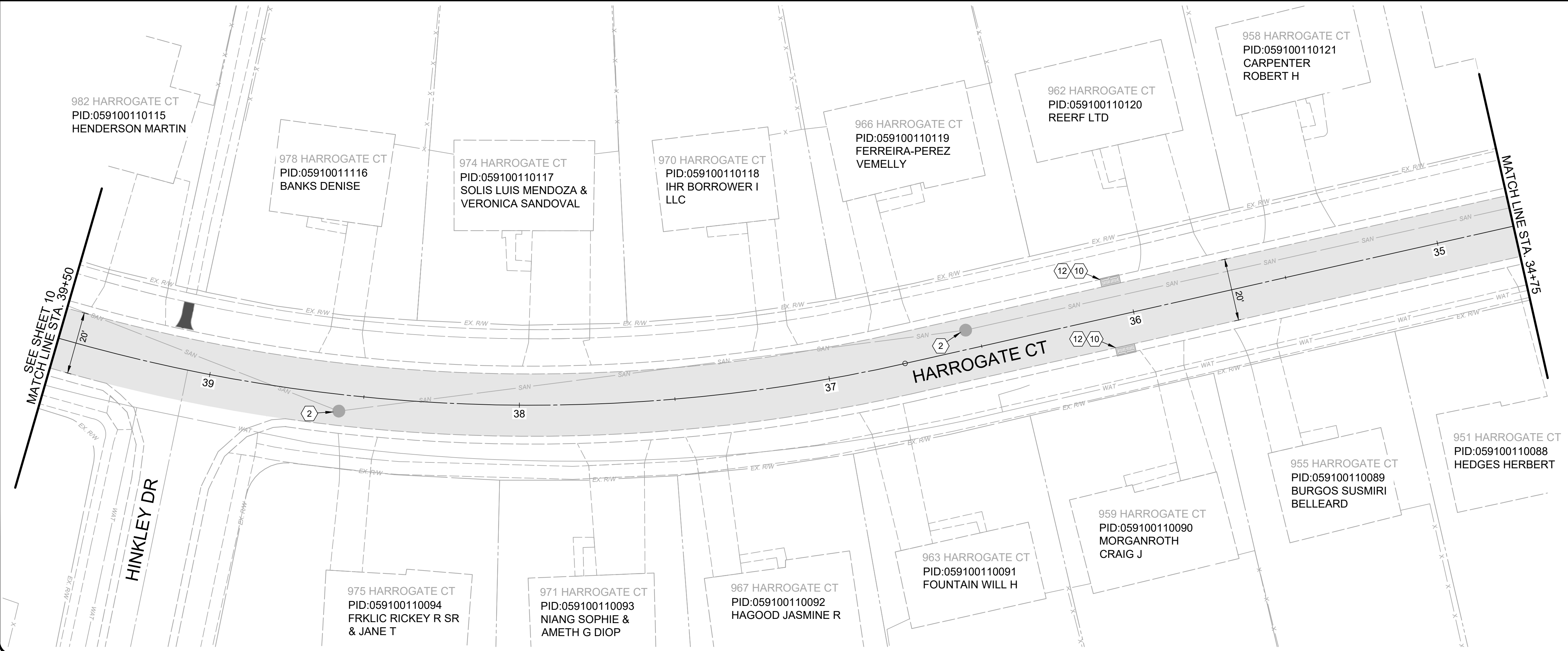
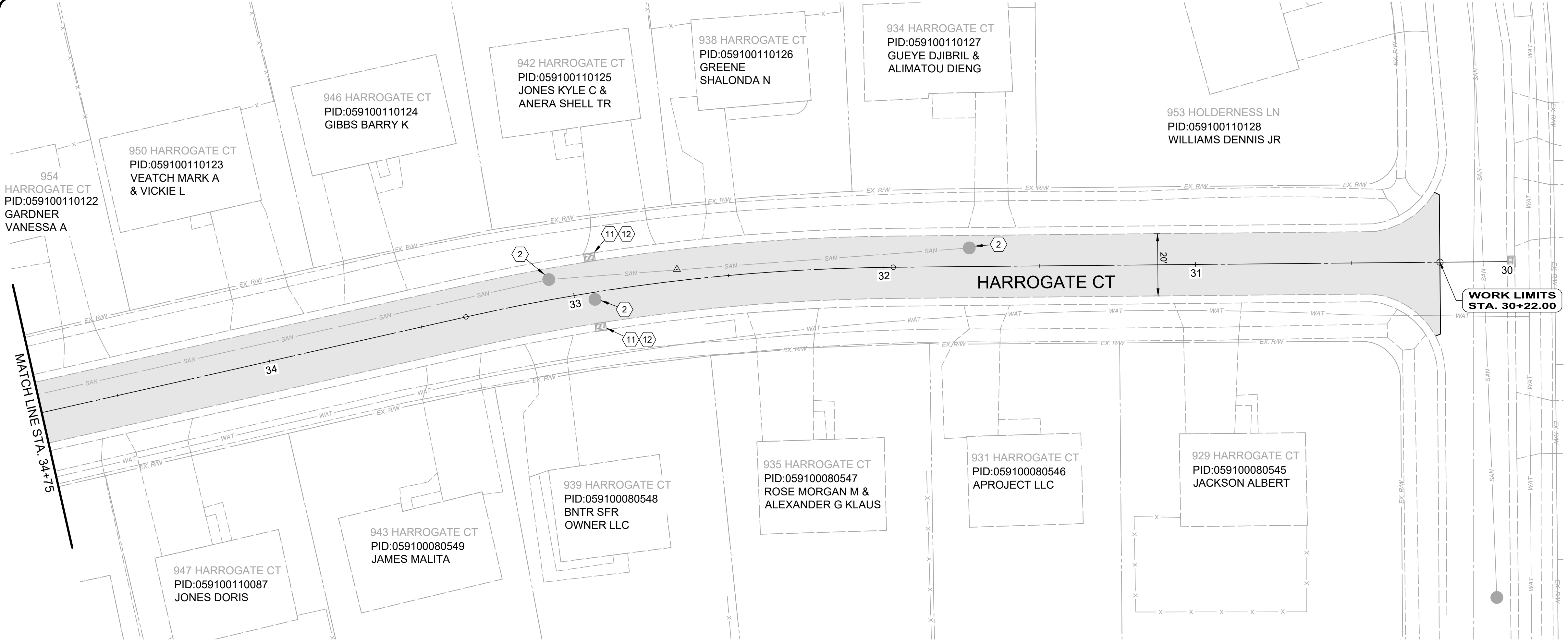
- NOTES**
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 - ADJUSTMENTS TO VALVE BOXES, METERS OR OTHER ASSOCIATED GAS, ELECTRIC, TELEPHONE, WATER, OR CABLE FACILITIES, IF NECESSARY, SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND SHALL BE COMPLETED PER UTILITY OWNER REQUIREMENTS.
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 - ITEM 611 - FURNISH NEW CATCH BASIN FRAME AND TYPE "L" GRATE(S), AS PER PLAN
 - ITEM 809 - STOP LINE RADAR DETECTION

STREET	CB-3 REBUILD	CB-3A REBUILD	CURB PLATE D.G.I.	CURB PLATE S.G.I.	FRAME & GRATE
HARROGATE CT	0	0	2	0	4

FOR BID

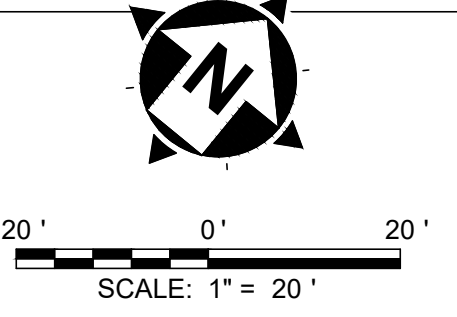
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HATCH LEGEND	
	PAVEMENT PLANING AND OVERLAY
	ITEM 608 - ADA CURB RAMP

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 - 13 ITEM 809 - STOP LINE RADAR DETECTION



STREET	CB-3 REBUILD	CB-3A REBUILD	CURB PLATE D.G.I.	CURB PLATE S.G.I.	FRAME & GRATE
HARROGATE CT	0	0	2	2	6

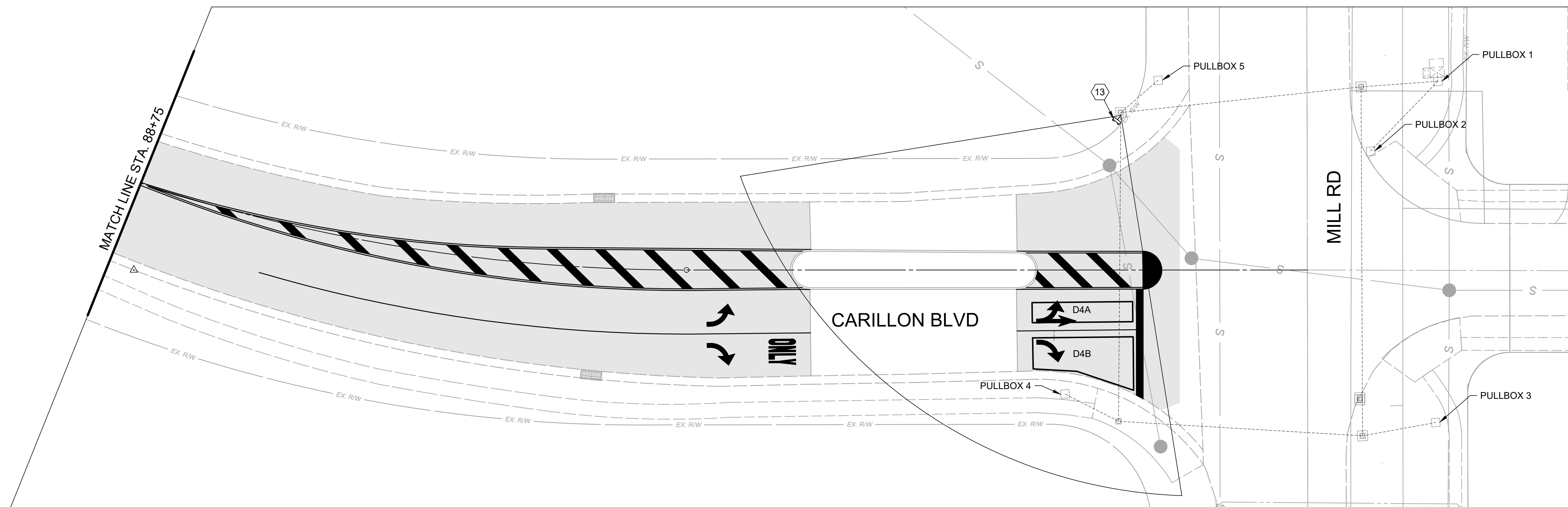
ISSUED FOR:	ISSUE DATE:	SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:
	02/05/2026	AS SHOWN	EMOR	EMOR	FTWE

2026 STREET PROGRAM
CITY OF FOREST PARK
 - HAMILTON COUNTY, OHIO -
HARROGATE STA 30+00 TO 39+50

PROJECT NO.	41412
DISCIPLINE	CIVIL
SHEET NAME	P9
SHEET	13
OF	15

FOR BID

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809 STOP-LINE RADAR DETECTION, AS PER PLAN

THIS ITEM OF WORK SHALL CONSIST OF FURNISHING AND INSTALLING A WAVE TRONIX SMART SENSOR MATRIX DETECTION UNIT. THE DETECTION UNIT SHALL INCLUDE THE FOLLOWING:

1. POWER SHALL BE PROVIDED FROM THE TRAFFIC CABINET.
2. ALL REQUIRED INPUTS CARDS SHALL BE INCLUDED IN THE TRAFFIC CABINET AND SHALL BE COMPATIBLE WITH CALTRANS, NEMA TS1 AND NEMA TS2 DETECTOR RACKS. THE CARDS SHALL PROVIDE TRUE PRESENCE DETECTOR CALLS OR CONTACT CLOSURE TO THE TRAFFIC CONTROLLER.
3. THE UNIT SHALL BE MOUNTED DIRECTLY TO A POLE OR MAST ARM, AS RECOMMENDED BY THE MANUFACTURER. CABLE(S) SHALL BE PROVIDED AS REQUIRED AND RECOMMENDED BY THE MANUFACTURER.
4. SURGE PROTECTION DEVICES, AS RECOMMENDED BY THE MANUFACTURER SHALL BE INCLUDED BOTH AT THE POLE WHERE THE UNIT IS LOCATED TO PROTECT THE UNIT AND IN THE TRAFFIC CABINET TO PROTECT THE CABINET ELECTRONICS.
5. THE MANUFACTURER'S REPRESENTATIVE SHALL BE ON SITE DURING INSTALLATION AND TESTING AND SHALL PROVIDE ONSITE TRAINING ON THE SETUP, OPERATION AND MAINTENANCE OF THE UNIT.
6. A SERIAL TO ETHERNET COMMUNICATIONS MODULE AND ETHERNET CABLE (MINIMUM 7 FEET).

7. THE POWER SUPPLY AND COMMUNICATION MODULES SHALL BE SECURED TO A SINGLE PANEL THAT CAN BE MOUNTED INTERIOR TO THE TRAFFIC CABINET. THE PANEL SHALL INCLUDE MODULAR-PLUG STYLE CONNECTIONS FOR UP TO FOUR (4) SENSOR CABLES. ADDITIONAL SENSORS MAY BE HARD-WIRED TO THE COMMUNICATION MODULES, AS NECESSARY.

8. THE CONTRACTOR SHALL INSTALL THE RADAR DETECTION PRIOR TO MILLING/DISABLING EXISTING LOOPS.

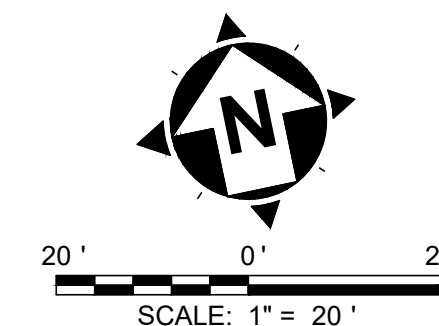
9. THE INSTALLATION SHALL INCLUDE ALL CONTROLLER PROGRAMMING FOR COMPLETE INSTALLATION, WHICH INCLUDES MODIFICATIONS FOR REMOVAL OF EXISTING DETECTION.

10. THE EXISTING LOOP DETECTION SHALL BE DISCONNECTED, IN CONTROLLER CABINET, JUST PRIOR TO THE SETUP OF THE PROPOSED RADAR DETECTION.

PAYMENT FOR ITEM 809 STOP-LINE RADAR DETECTION, AS PER PLAN SHALL BE MADE AT THE CONTRACT UNIT PRICE FOR EACH UNIT, COMPLETE AND IN PLACE INCLUDING ALL REQUIRED CABINET HARDWARE, MOUNTING BRACKETS, CABLES, CONDUIT AND CONNECTIONS TESTED AND ACCEPTED.

RADAR DETECTION CHART

RADAR ZONE DESIGNATION	MOVEMENT	SIZE (FT.)	PULSE OR PRESENCE	DELAY (SEC.)	EXTENSION (SEC.)	ASSOCIATED CONTROLLER PHASE
D8A	EB TH / LT	6' X 30'	PRES	0	-	8
D8B	EB RT	VAR X 30'	PRES	10	-	8



HATCH LEGEND

- [Hatched Pattern] PAVEMENT PLANING AND OVERLAY
- [Solid Black] ITEM 608 - ADA CURB RAMP

NOTES

1. THE FINAL FULL DEPTH REPAIR AREAS WILL BE MARKED WHEN THE PLANING OPERATIONS HAVE BEEN COMPLETED.
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CONSTRUCTION NOTES

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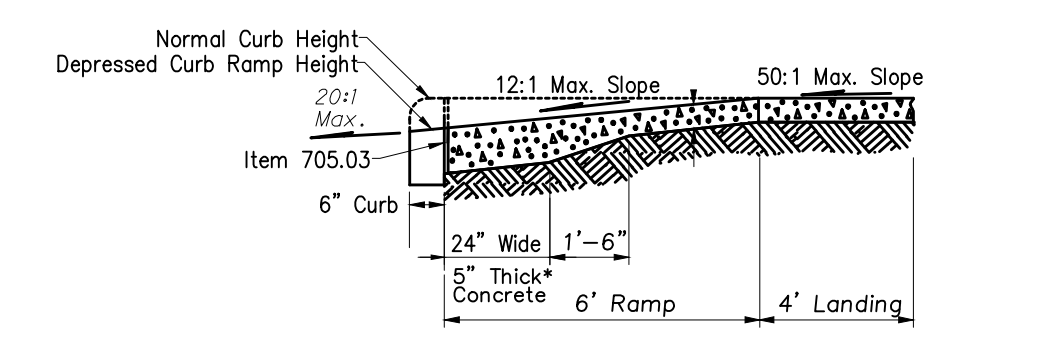
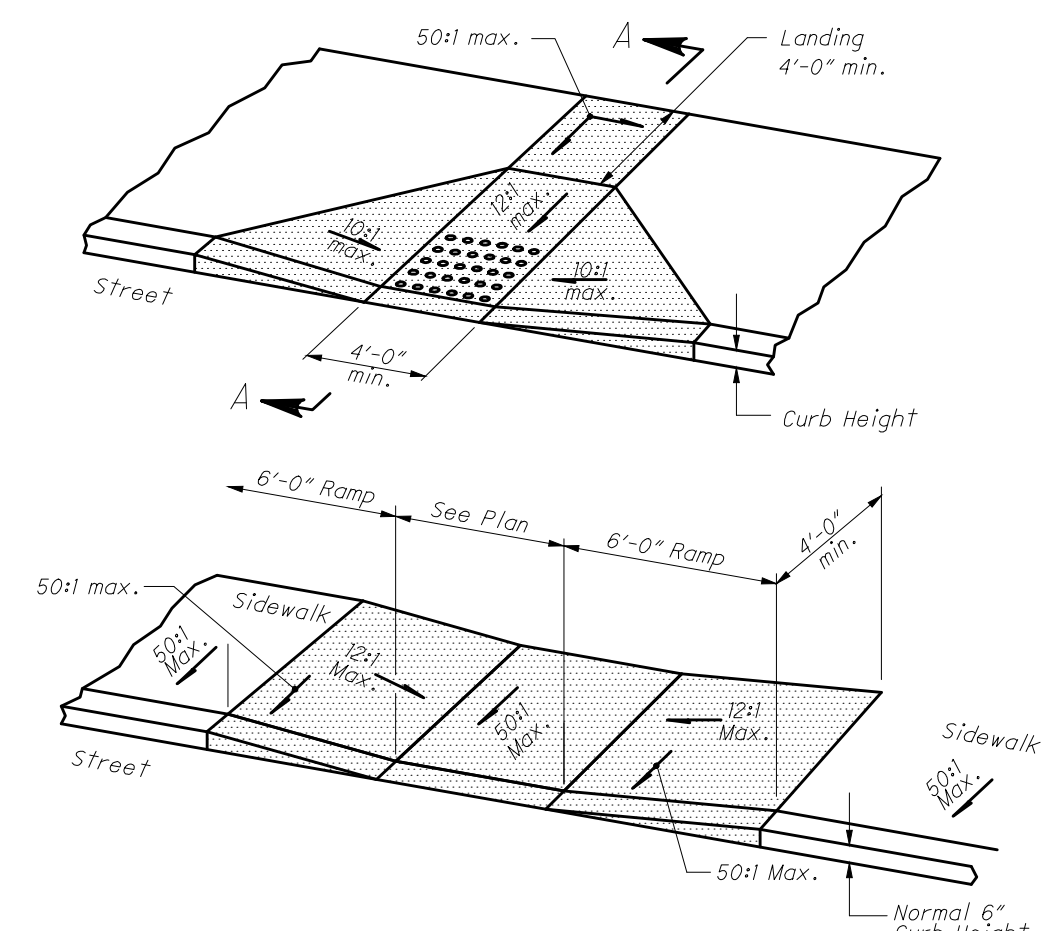
2026 STREET PROGRAM
CITY OF FOREST PARK
- HAMILTON COUNTY, OHIO -

CARILLON TRAFFIC CONTROL

PROJECT NO.	41412
DISCIPLINE	CIVIL
SHEET NAME	P10
SHEET	14
OF	15

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SECTION A-A

*WHERE POSSIBLE, POUR RAMP AREA INTEGRAL WITH THE CURB, OTHERWISE USE 6" THICK WALK.

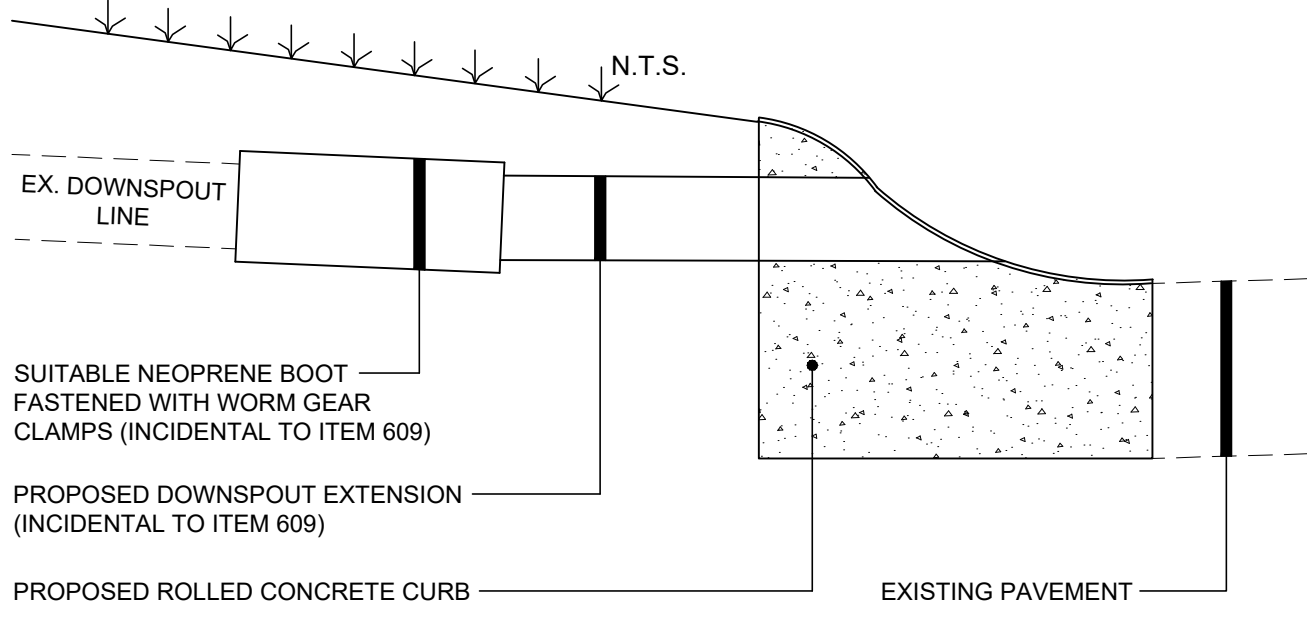
NOTES
DRAINAGE: CONTRACTOR IS TO ENSURE THE BASE OF EACH CONSTRUCTED CURB RAMP ALLOWS FOR PROPER DRAINAGE, WITHOUT EXCEEDING ALLOWABLE CROSS SLOPE OR RAMP SLOPES. VERTICAL CHANGE IN LEVEL EXCEEDING 1/8" BETWEEN THE 1) PAVEMENT AND GUTTER, AND 2) GUTTER AND RAMP, ARE NOT ALLOWED.

TEXTURE: TEXTURE CONCRETE SURFACES BY COARSE BRUING TRANSVERSE TO THE RAMP SLOPES TO BE ROUGHER THAN THE ADJACENT WALK.

THE EDGE OF THE CURB SHALL BE FLUSH WITH THE EDGE OF THE ADJACENT PAVEMENT AND GUTTER AND SURFACE SLOPES THAT MEET GRADE BREAKS SHALL ALSO BE FLUSH.

CURB RAMP DETAILS

N.T.S.

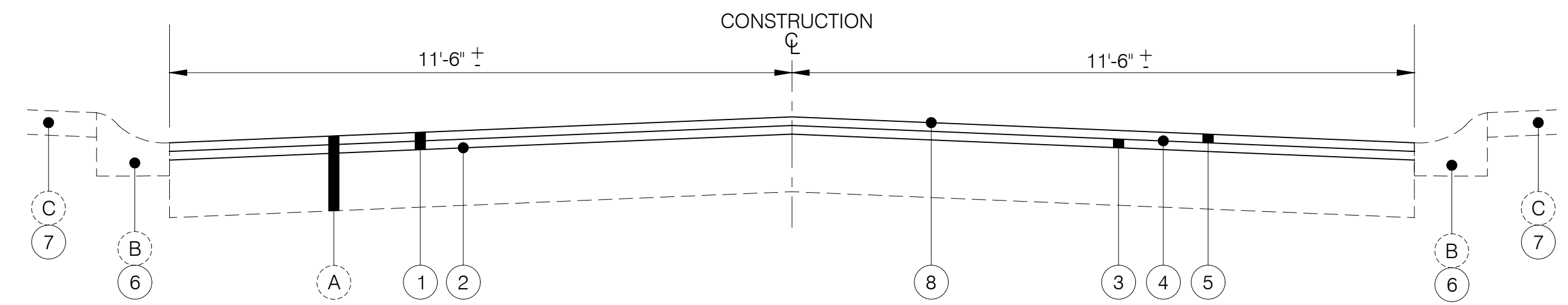


NOTES:

- 3" PVC PIPE SCH. 40, (SLOPED TO DRAIN) MAY BE CAST-IN-PLACE AT TIME OF CONSTRUCTION WITH 3" SLOT IN CURB. FOR INSTALLATION AFTER CURB IS CONSTRUCTED, THE CURB SLOT MUST BE SAW CUT (4.5" MAX. WIDTH) AND THE AREA FILLED WITH AN EPOXY CONCRETE. TYPE OF EPOXY CONCRETE TO BE APPROVED BY THE OWNER / ENGINEER BEFORE USED BY THE CONTRACTOR.
- THE COST FOR THE LABOR AND MATERIAL NECESSARY TO REPLACE THE DOWNSPOUT LEADER SHALL BE INCIDENTAL TO THE PERTINENT CURB REPLACEMENT ITEM FOR EACH DOWNSPOUT REPLACED THREE (3) FEET IN LENGTH. TOPSOIL AND SEEDING SHALL BE INCIDENTAL IN COSTS.
- IF AT THE DIRECTION OF THE ENGINEER, MORE THAN 3' OF DOWNSPOUT DRAIN NEEDS TO BE REPLACED, THE ADDITIONAL WORK SHALL BE PAID ON A PER FOOT BASIS UNDER ITEM 603 - 3" PVC PIPE SCH. 40. ANY NECESSARY VERTICAL OR HORIZONTAL BENDS SHALL BE INCLUDED AND PAID FOR ON THE ABOVE BASIS.

ITEM 611 - DOWNSPOUT EXTENSION

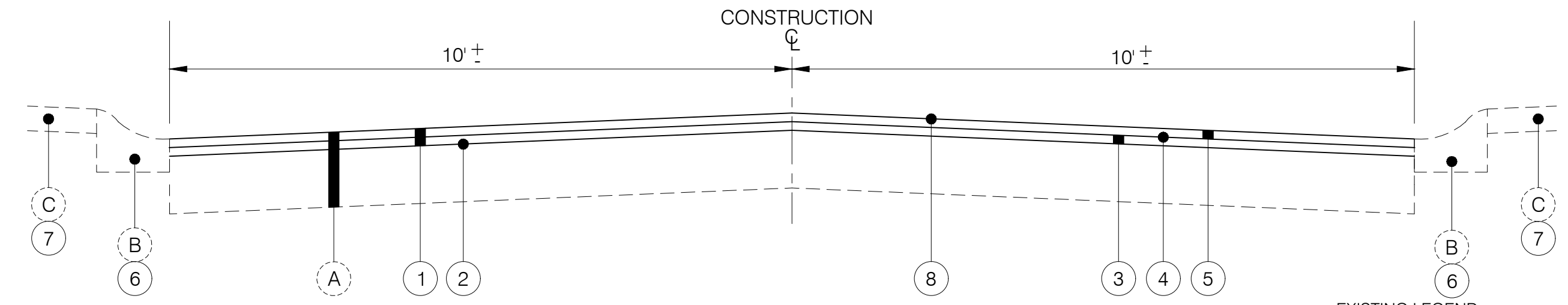
N.T.S.



- 1 ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (2-1/2")
- 2 ITEM 441 - ASPHALT CONCRETE MISC. STRESS ABSORBING MEMBRANE (SAM)
- 3 ITEM 441 - ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, PG64-22 (1")
- 4 ITEM 407 - TACK COAT FOR INTERMEDIATE COURSE (@ 0.06 Gals/SY)
- 5 ITEM 441 - ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22 (1-1/2")
- 6 ITEM 609 - CURB, TYPE 2 REPLACEMENT, SEE PLAN FOR LOCATIONS
- 7 ITEM 608 - CONCRETE WALK REPLACEMENT, SEE PLAN FOR LOCATIONS
- 8 ITEM SPL - ASPHALT CONCRETE MISC., ASPHALT REJUVENATING AGENT

TYPICAL SECTION - OWENTON CT

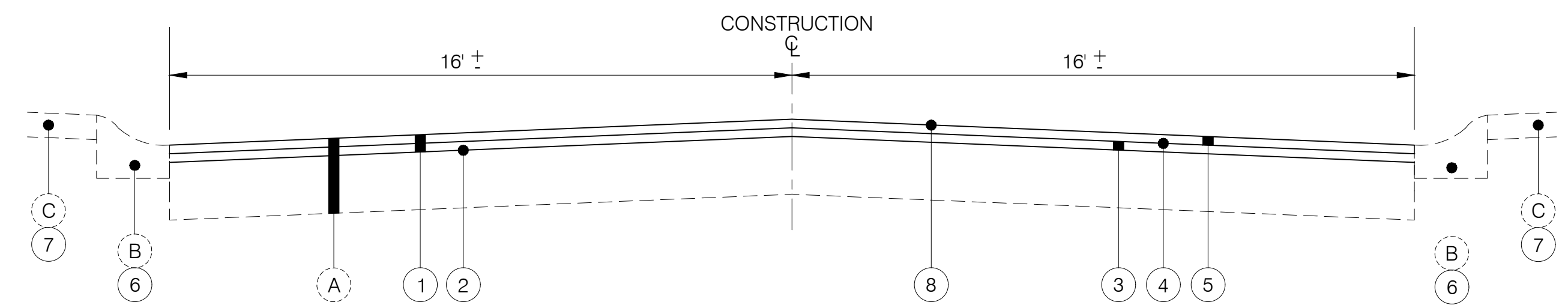
N.T.S.



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TYPICAL SECTION - HARROWGATE DR

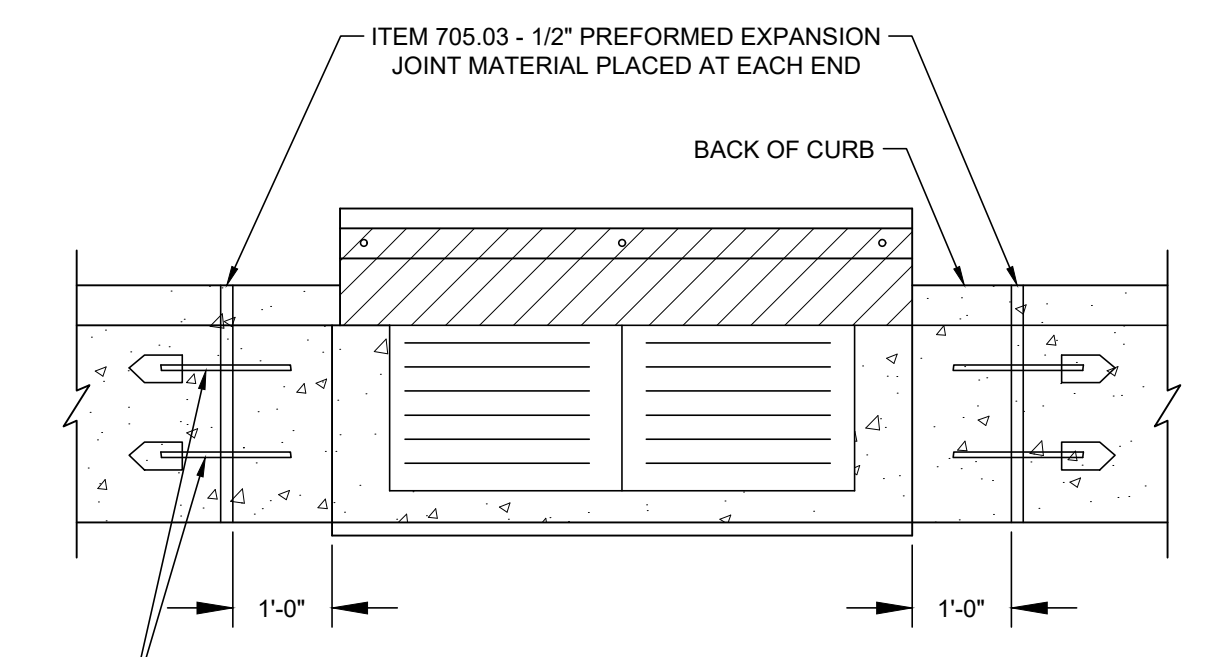
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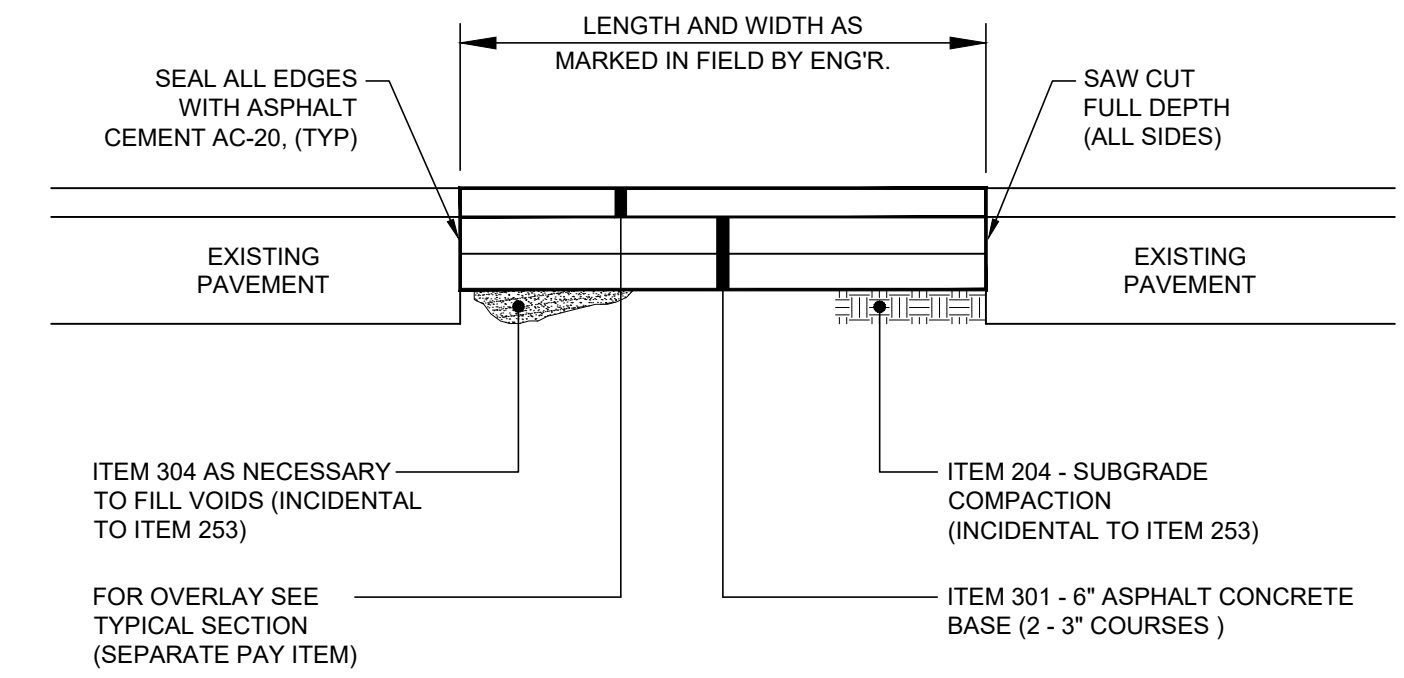
TYPICAL SECTION - CARILLION BLVD + SEBRING DRIVE

N.T.S.



CURB REPLACEMENT ADJACENT TO CATCH BASINS

N.T.S.

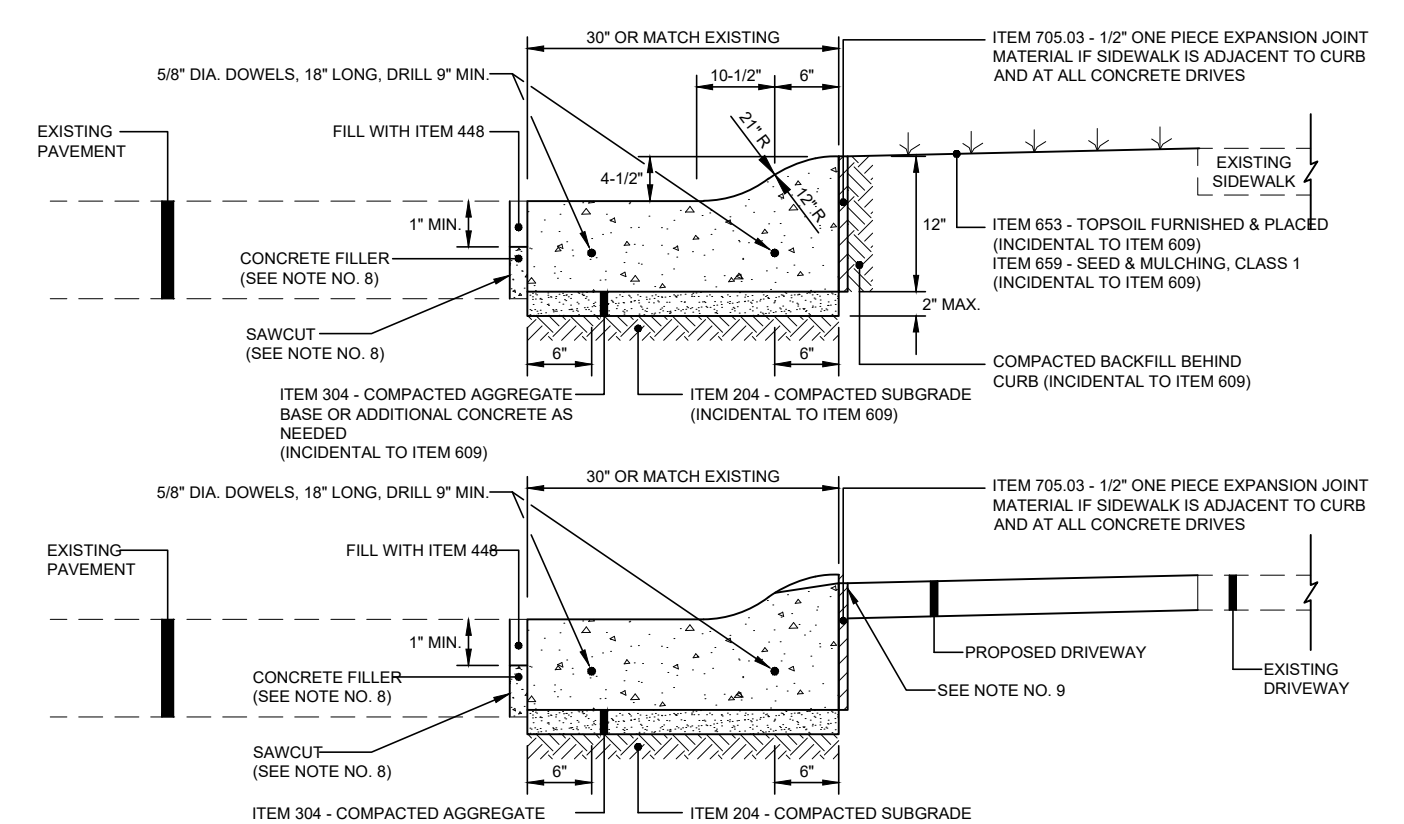


NOTES:

- A CONTINGENCY QUANTITY OF ITEM 253 - PAVEMENT REPAIR IS INCLUDED IN THE CONTRACT TO REPLACE ANY PAVEMENT / BASE AREAS AS REQUIRED PRIOR TO PAVING. THE CONTRACTOR SHALL REPAIR ONLY THOSE AREAS MARKED IN THE FIELD BY THE ENGINEER AFTER THE PLANING OPERATIONS.
- THE BASE REPAIR AREAS WILL BE MARKED BY THE ENGINEER PRIOR TO THE PLANING OPERATIONS TO OBTAIN INITIAL QUANTITIES AND AFTER THE PAVEMENT PLANING FOR THE FINAL AREAS TO BE REPAIRED.

PAVEMENT REPAIR

N.T.S.



GENERAL NOTES:

- CONCRETE SHALL BE 4000 PSI @ 28 DAYS WITH 5% MIN. TO 8% MAX. ENTRAINED AIR
- MAINTAIN SPACING OR EXISTING EXPANSION AND CONTRACTION JOINTS.
- THE COST OF ANY REQUIRED YARD RESTORATION WHICH WOULD INCLUDE TOPSOIL AND/OR SEEDING SHALL BE INCIDENTAL TO ITEM 609. CONCRETE CURB AND GUTTER, REMOVE AND REPLACE.
- THE MIN. CURB AND GUTTER REPLACEMENT SHALL BE 3'-0" WITH EXPANSION MATERIAL AND DOWELS PLACED ON AT LEAST ONE END OF THE REPAIRED SECTION.

CURB AND GUTTER

N.T.S.

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2026 STREET PROGRAM
 CITY OF FOREST PARK
 - HAMILTON COUNTY, OHIO -

DETAILS

PROJECT NO.	41412
DISCIPLINE	CIVIL
SHEET NAME	DET
SHEET	OF
15	15