

CITY OF FOREST PARK

HAMILTON COUNTY, OHIO

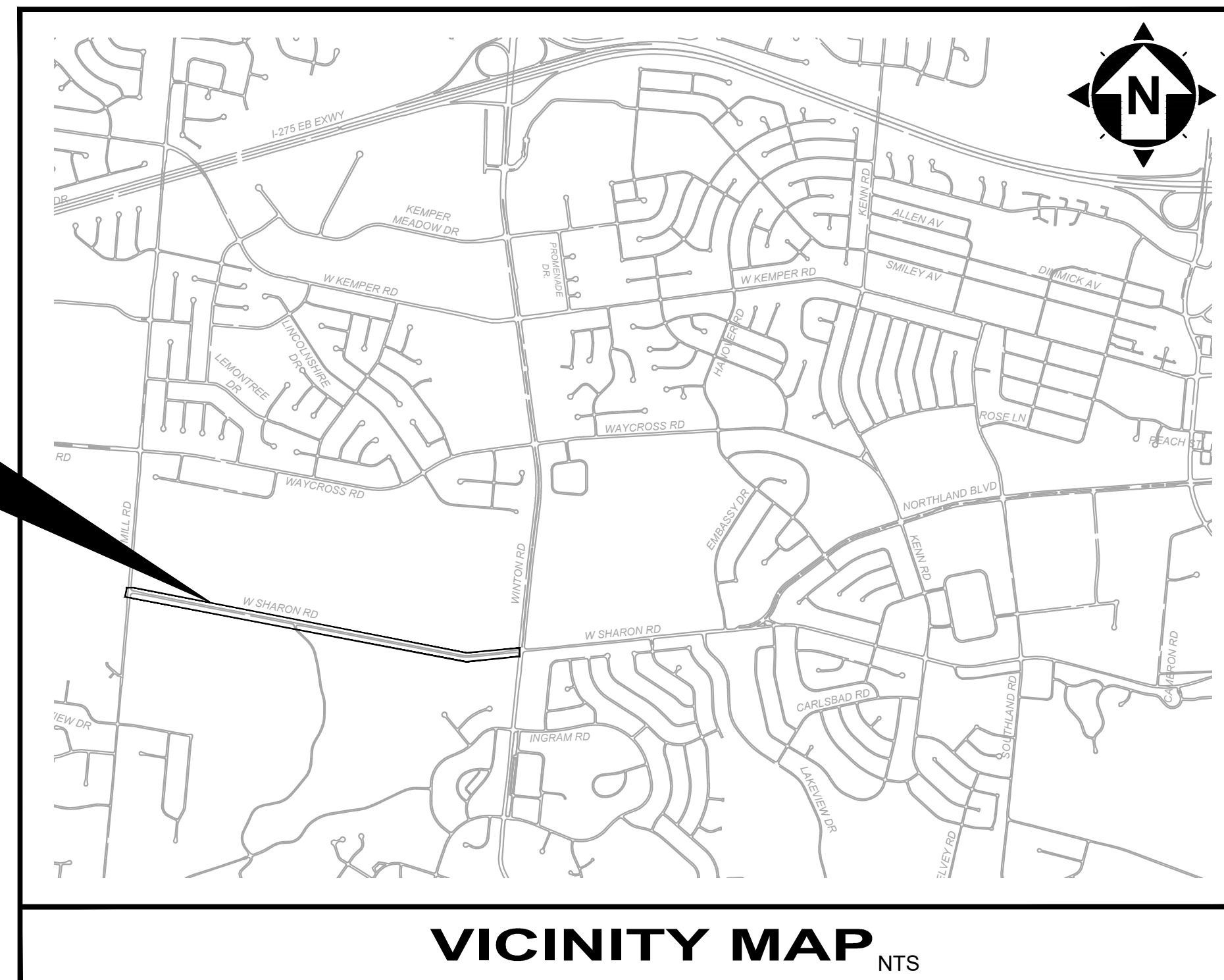
W. SHARON RD IMPROVEMENTS

241095
APRIL, 2024

CITY OFFICIALS

MAYOR
AHARON BROWN
1ST VICE-MAYOR
DENISE HOLT
2ND VICE-MAYOR
ROSALIND MOORE
CLERK OF COUNCIL
SALLY BOYD
CITY COUNCIL
TRAVINA ADAMS
CHELSEA CLARK
TERENCE HARRISON
REGINALD SYLVESTER

PROJECT AREA



VICINITY MAP
NTS

ODOT STANDARD DRAWINGS

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

PROJECT SPECIFICATIONS

IN GENERAL, THE PROJECT SPECIFICATIONS CONFORM TO THE JANUARY 1, 2019 STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS THERETO. THE PROJECT SPECIFICATIONS, UNDER SEPERATE COVER, PREPARED BY CT CONSULTANTS SHALL GOVERN ALL WORK AND MATERIALS FOR THIS PROJECT.

UNDERGROUND UTILITIES

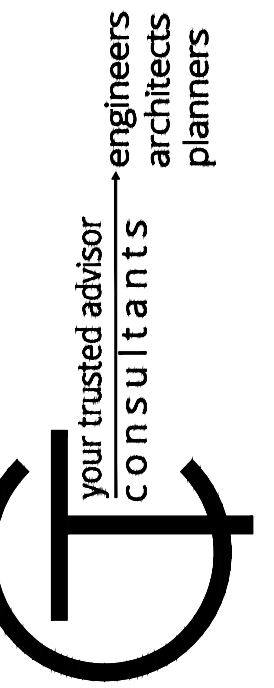
Contact Two Working Days Before You Dig



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

INDEX OF SHEETS

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ISSUED FOR:	BID NO:	ISSUE DATE:	SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:
		4/18/2024	AS SHOWN	EMOR	EMOR	FTWE

CITY OF FOREST PARK
W. SHARON ROAD IMPROVEMENTS
FOREST PARK, HAMILTON COUNTY OHIO

TITLE SHEET

APPROVED FOR CONSTRUCTION BY:
SCOTT FALKOWSKI, DIRECTOR OF PUBLIC WORKS

DATE

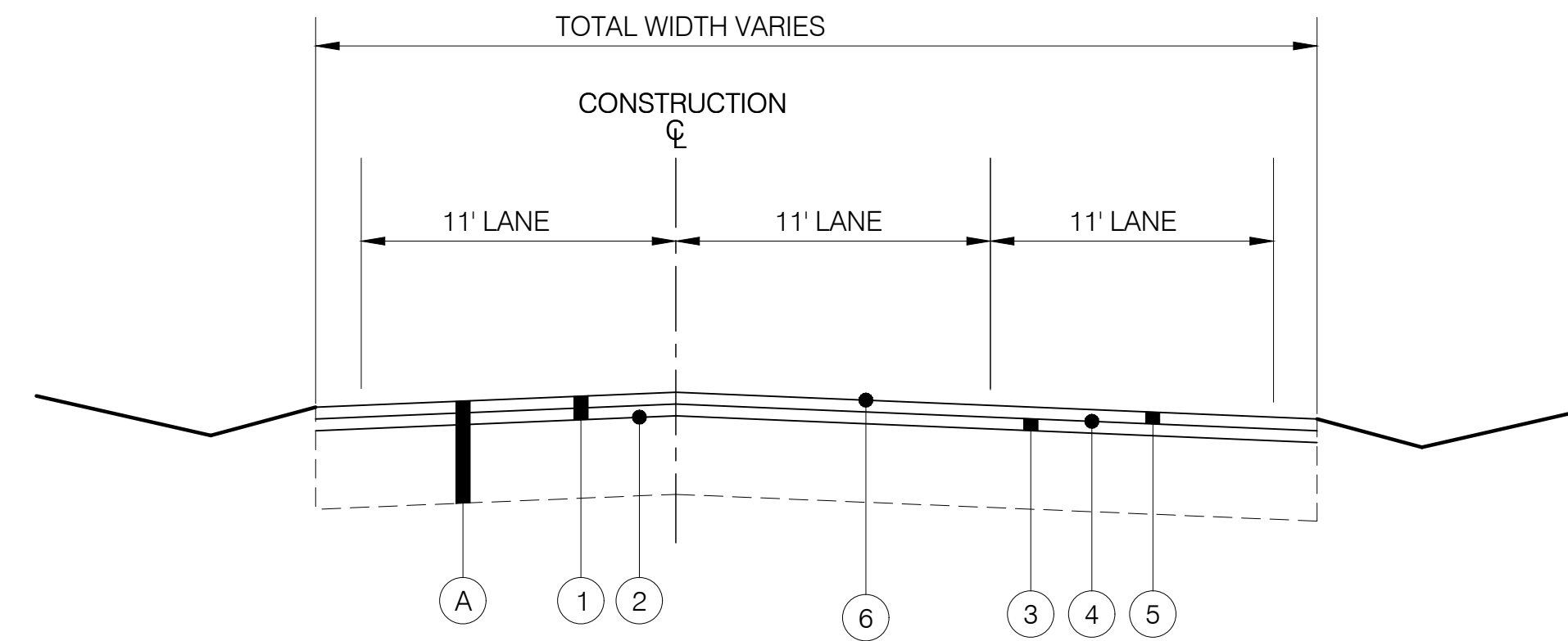


ERIC MORRIS, P.E. #E-67084

DATE

PROJECT NO.	241095
DISCIPLINE	CIVIL
SHEET NAME	TITLE
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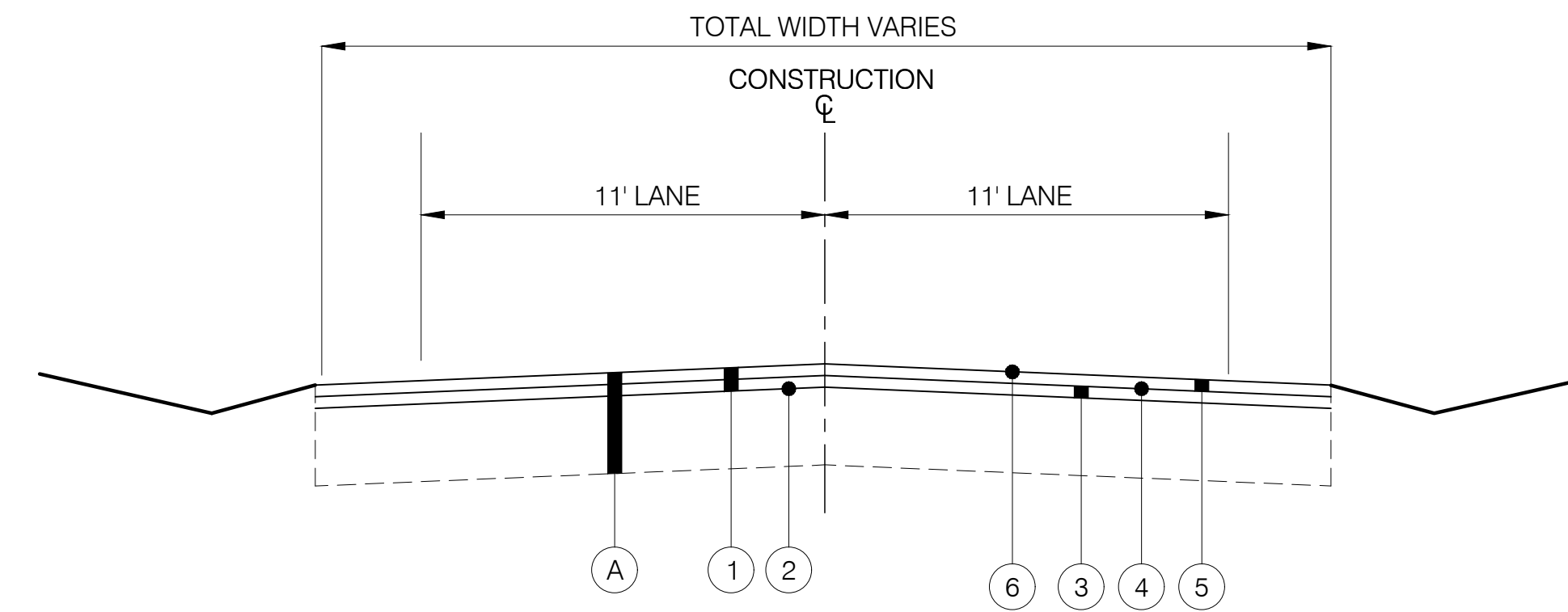
H:\2024\41095\DWG\H-EST\SC_241095 C TITLE SHEET DWG - TITLE - 4/10/2024 11:06:53 AM - ERIC MORRIS



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|---|--|-----------------------------|
| ① ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (2-1/2") | ④ ITEM 407 - TACK COAT FOR INTERMEDIATE COURSE (@ 0.06 Gals/SY) | EXISTING LEGEND |
| ② ITEM 441 - ASPHALT CONCRETE MISC: STRESS ABSORBING MEMBRANE (SAMI) | ⑤ ITEM 441 - ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22 (1-1/2") | Ⓐ EXISTING ASPHALT PAVEMENT |
| ③ ITEM 441 - ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, PG64-22 (1") | ⑥ ITEM SPL - ASPHALT CONCRETE MISC., ASPHALT REJUVENATING AGENT | |

TYPICAL SECTION - W. SHARON RD

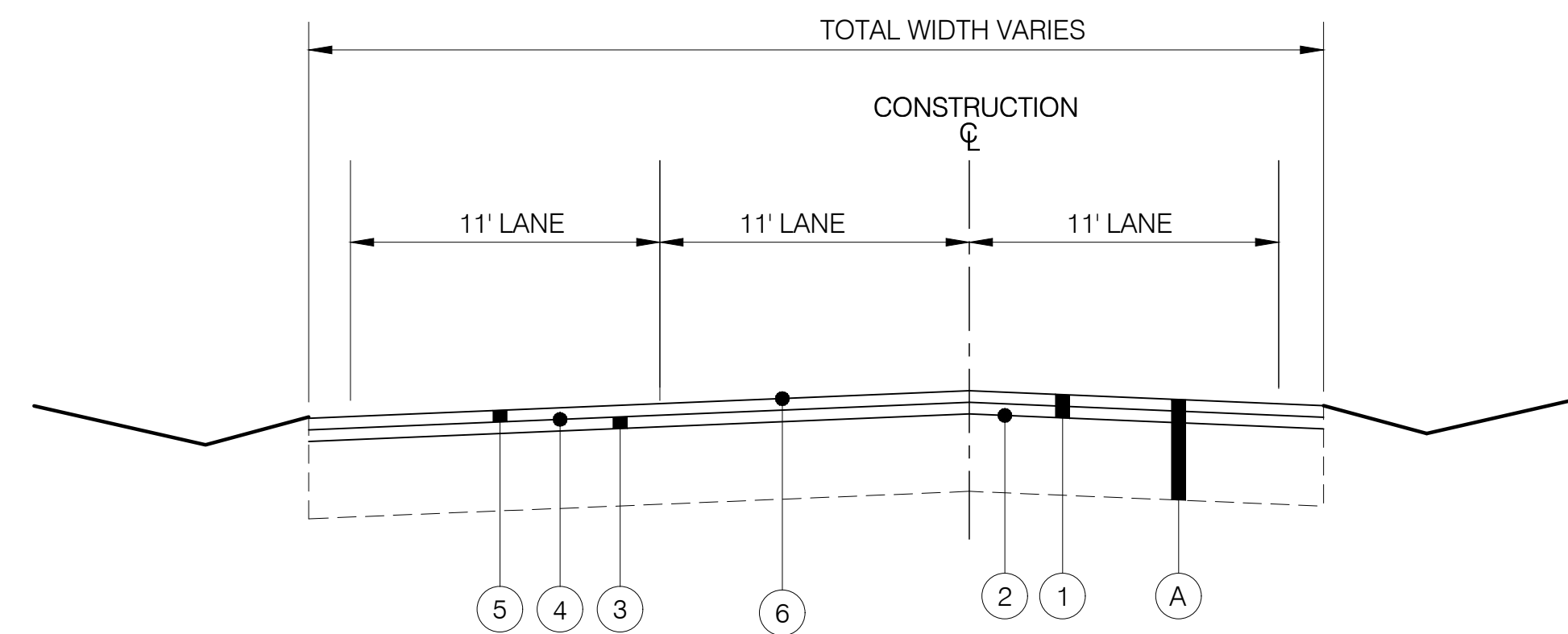
1+50 TO STA. 3+00



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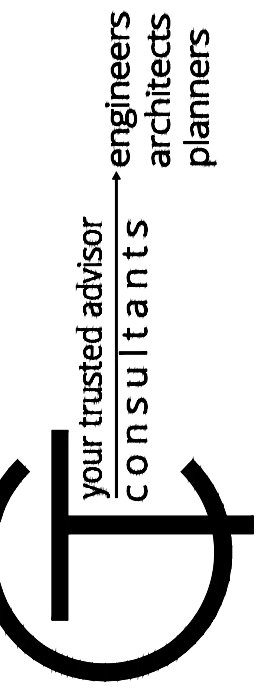
STA. 3+00 TO STA. 61+50



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TYPICAL SECTION - W. SHARON RD

STA. 61+50 TO STA. 64+00



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DRAWN BY: EMOR			
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CITY OF FOREST PARK
W. SHARON ROAD IMPROVEMENTS
 FOREST PARK, HAMILTON COUNTY OHIO

TYPICAL SECTIONS
W. SHARON ROAD

PROJECT NO.	241095
DISCIPLINE	CIVIL
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OF	13

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.
- G. 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.

THE CONTRACTOR SHALL OBEY ALL LOCAL LAWS AND ORDINANCES INCLUDING ANY NOISE RESTRICTIONS.

THE CONTRACTOR SHALL MAINTAIN LOCAL TRAFFIC AT ALL TIMES IN ACCORDANCE WITH THE REQUIREMENTS OF SPEC. 614.

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.

MAINTENANCE OF TRAFFIC SHALL BE ONGOING THROUGH THE PROJECT, INCLUDING ALL PERIODS OF INACTIVITY BY THE CONTRACTOR, UNTIL FINAL ACCEPTANCE OF THE PROJECT.

MAINTAINING ADJACENT STREET TRAFFIC

THE CONTRACTOR SHALL MAINTAIN TRAFFIC TO ALL ROADWAYS INTERSECTING THE CONSTRUCTION AREAS.

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.

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.

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.

THE CONTRACTOR SHALL NOTIFY AFFECTED RESIDENTS 48 HOURS IN ADVANCE BEFORE COMMENCING WORK.

TEMPORARY BLOCKING OF THE DRIVEWAY TO ANY RESIDENTIAL PROPERTY DURING CONSTRUCTION IS ALLOWABLE (MAX. 120 HOURS). HOWEVER, ACCESS TO PROPERTIES FOR DELIVERIES, SERVICE, EMERGENCY VEHICLES, ETC., SHALL BE MAINTAINED AT ALL TIMES. IN ADDITION, **THE CONTRACTOR MUST NOTIFY ALL RESIDENTS IN WRITING 48 HOURS BEFORE COMMENCING TO ALLOW THEM ADEQUATE TIME TO MOVE ANY VEHICLE IN OR OUT.**

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.

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.

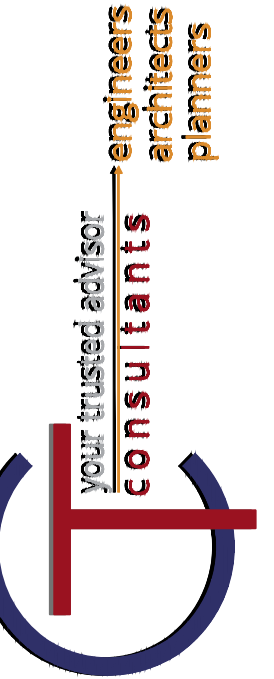
REVIEW OF DRAINAGE FACILITIES

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.



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REVISION			4/18/2024	AS SHOWN	EMOR	EMOR	FTWE

CITY OF FOREST PARK
W. SHARON ROAD IMPROVEMENTS
FOREST PARK, HAMILTON COUNTY OHIO

GENERAL NOTES

PROJECT NO.	241095
DISCIPLINE	CIVIL
SHEET NAME	NOTES
SHEET	OF
3	13

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.

644 - ASPHALT CONCRETE MISC.: ASPHALT PAVEMENT TEXTURING (ENNIS FLINT)

THIS ITEM SHALL CONSIST OF PROVIDING AND INSTALLING A 125 MIL THICKNESS TRAFFIC PATTERNS (TM) ASPHALT PAVEMENT TEXTURING PRODUCT MANUFACTURED BY ENNIS FLINT. WITHIN THE CROSSWALK LINES AT THE LOCATIONS SHOWN ON THE PLANS. THE PATTERN SHALL BE ASHLAR AND THE COLOR OF THE MATERIAL IS TO BE BRICK RED.

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

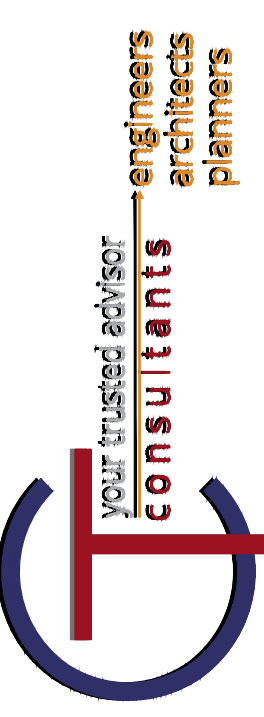
ALL SOIL BEARING SURFACES SHALL BE LEVEL (WITHIN 1/4" IN 12).

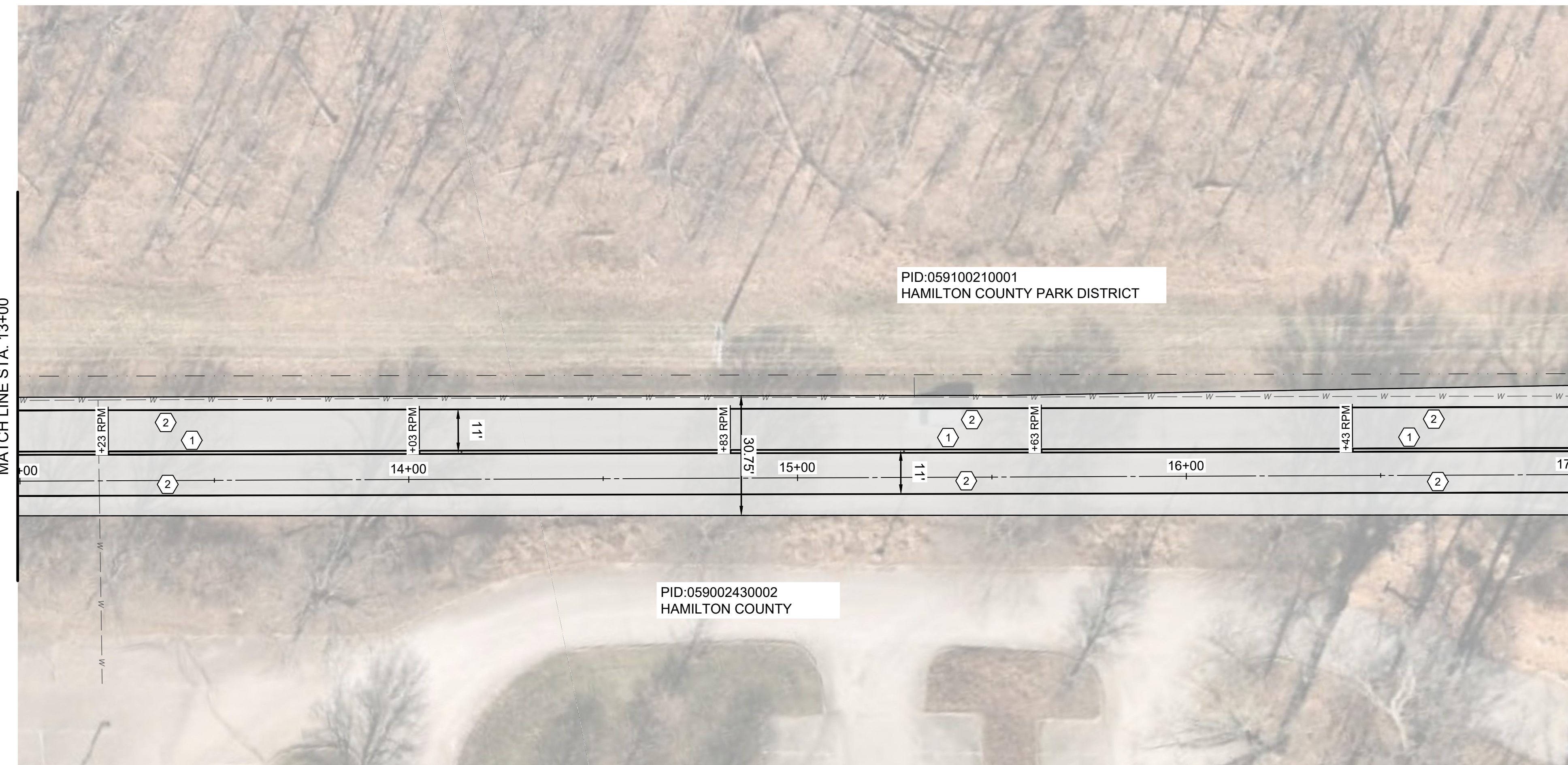
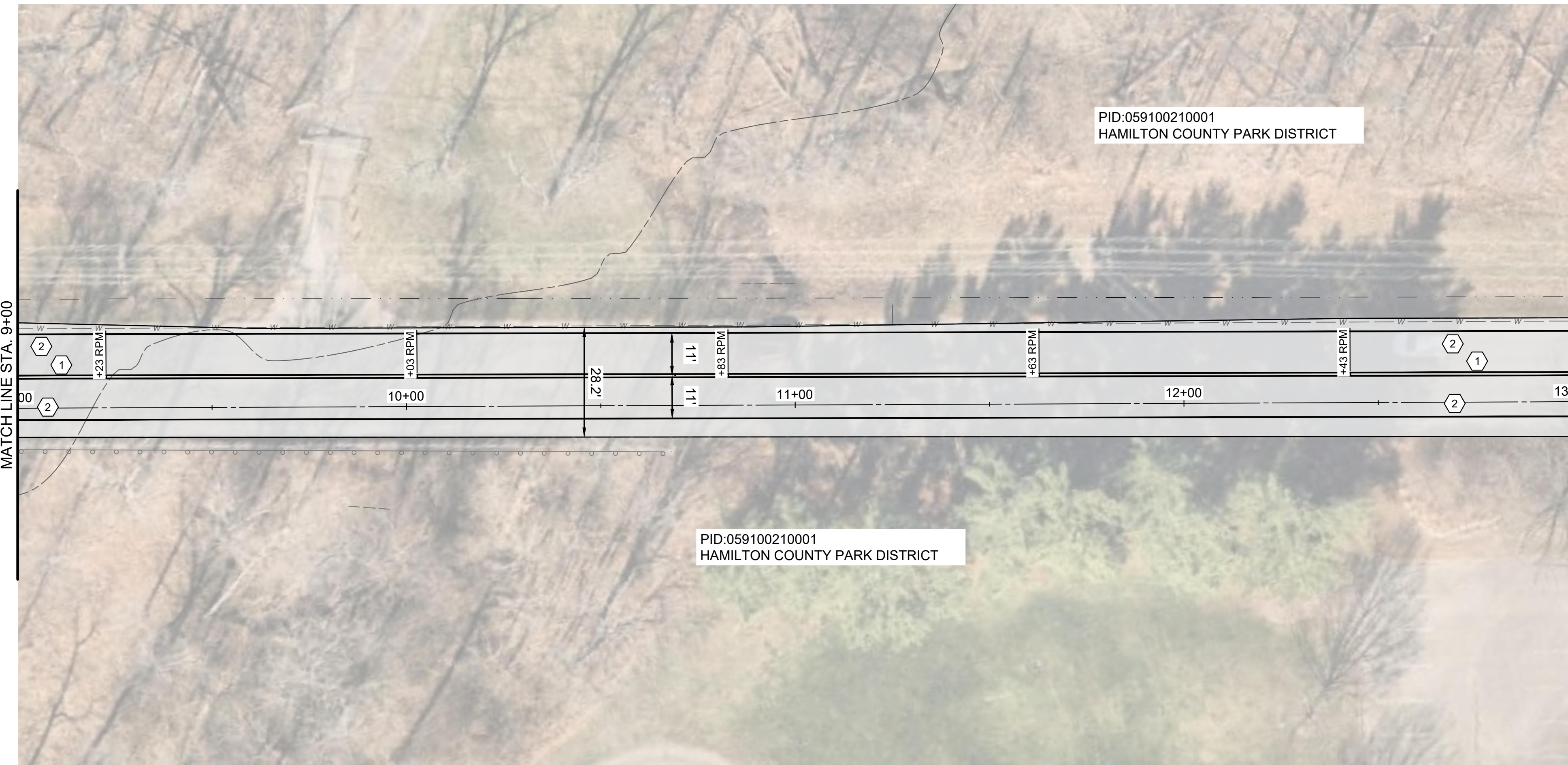
FOUNDATION ELEVATIONS SHOWN ARE FOR BIDDING PURPOSES AND MAY VARY TO SUIT SUBSURFACE SOIL CONDITIONS.

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.

	
DATE	X/XX/18
REVISION	
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ISSUED FOR:	BID
ISSUE DATE:	4/18/2024
SCALE:	AS SHOWN
DESIGNED BY:	EMOR
DRAWN BY:	EMOR
CHECKED BY:	FTWE
CITY OF FOREST PARK W. SHARON ROAD IMPROVEMENTS FOREST PARK, HAMILTON COUNTY OHIO	
GENERAL NOTES	
PROJECT NO.	
241095	
DISCIPLINE	
CIVIL	
SHEET NAME	
NOTES	
SHEET	OF
4	13



HATCH LEGEND	
	ITEM 254 - 3" PAVEMENT PLANING AND OVERLAY

- | NOTES | |
|-------|--|
| 1. | THE FINAL FULL DEPTH REPAIR AREAS WILL BE MARKED WHEN THE PLANING OPERATIONS HAVE BEEN COMPLETED. |
| 2. | THE FINAL CURB REPLACEMENT LIMITS AND WORK LIMITS WILL BE MARKED PRIOR TO BEGINNING CONSTRUCTION. |
| 3. | 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. |
| 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. |

- | CONSTRUCTION NOTES | |
|--------------------|---|
| ① | ITEM 644 - CENTERLINE, 4" SOLID DOUBLE YELLOW |
| ② | ITEM 644 - 4" EDGE LINE, WHITE |
| ③ | ITEM 644 - STOP LINE, 24", WHITE |
| ④ | ITEM 644 - CROSSWALK LINE, 12" WHITE |
| ⑤ | ITEM 644 - CHANNELIZING LINE, 8" WHITE |
| ⑥ | ITEM 644 - ARROW, 96" |
| ⑦ | ITEM 644 - COMBO ARROW, 144" |
| ⑧ | SPL - ADJUST SANITARY MANHOLE TO GRADE |
| ⑨ | SPL - ADJUST TELEPHONE MANHOLE TO GRADE |
| ⑩ | SPL - ADJUST WATER MANHOLE TO GRADE |
| ⑪ | ITEM 632 - POWERHEAD LOOP DETECTOR |
| ⑫ | ITEM 632 - LOOP DETECTOR TIE IN |

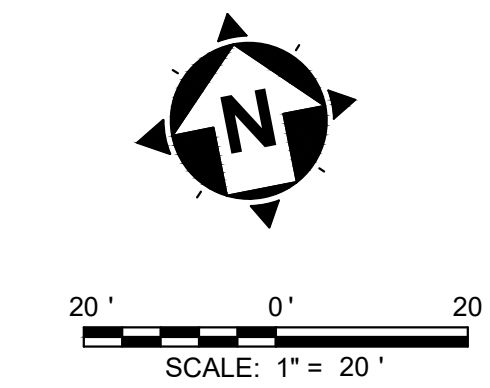
your trusted advisor
consultants
engineers
architects
planners

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DRAWN BY: EMOR			
CHECKED BY: FTWE			

CITY OF FOREST PARK
W. SHARON ROAD IMPROVEMENTS
FOREST PARK, HAMILTON COUNTY OHIO

SHARON RD 9+00 TO 17+00

PROJECT NO.	241095
DISCIPLINE	CIVIL
SHEET NAME	PLAN
SHEET	6
OF	13

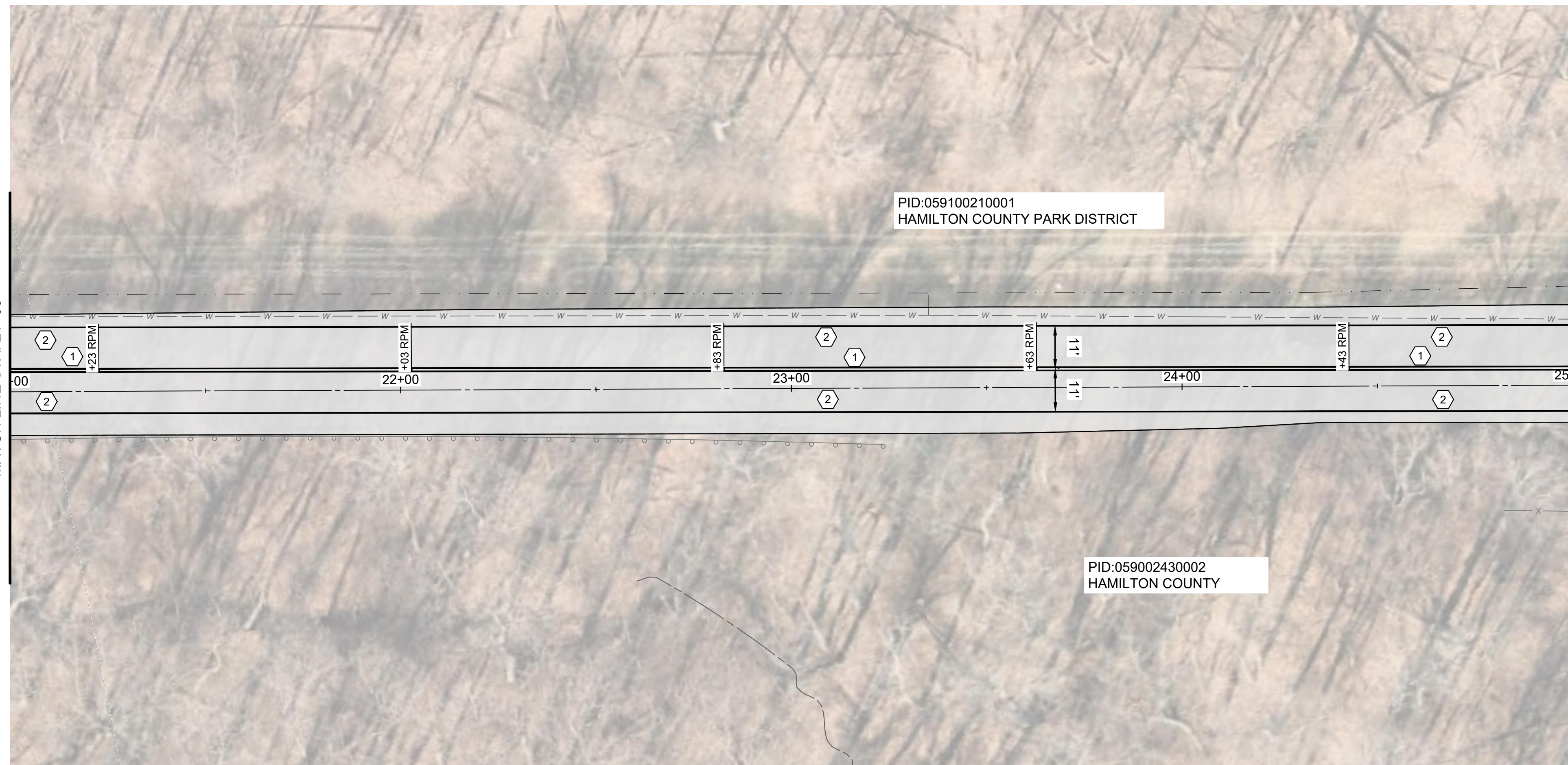
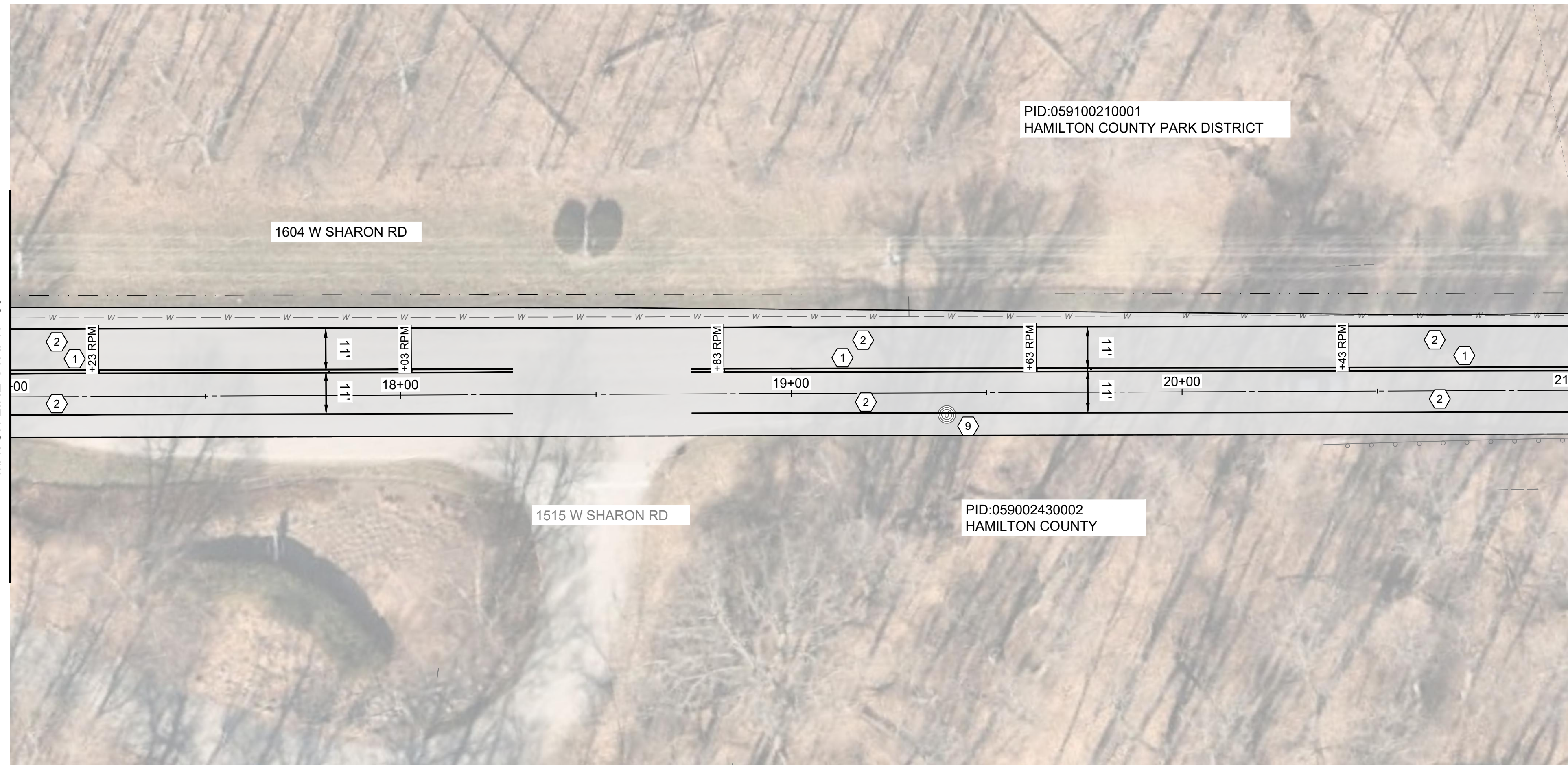


MATCH LINE STA. 17+00

MATCH LINE STA. 21+00

MATCH LINE STA. 21+00

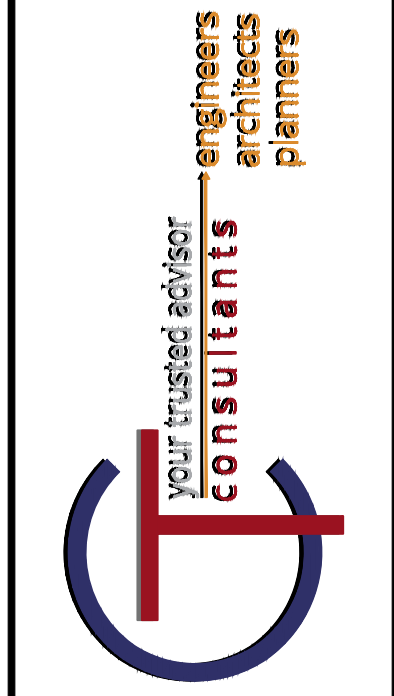
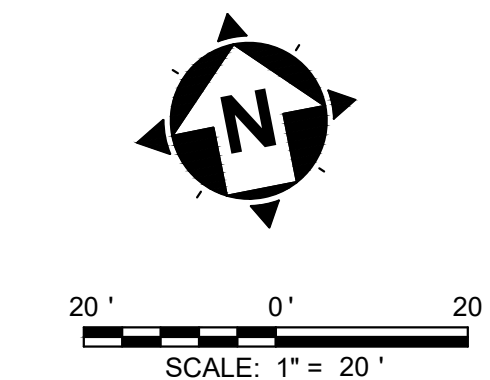
MATCH LINE STA. 25+00



HATCH LEGEND	
	ITEM 254 - 3" PAVEMENT PLANING AND OVERLAY

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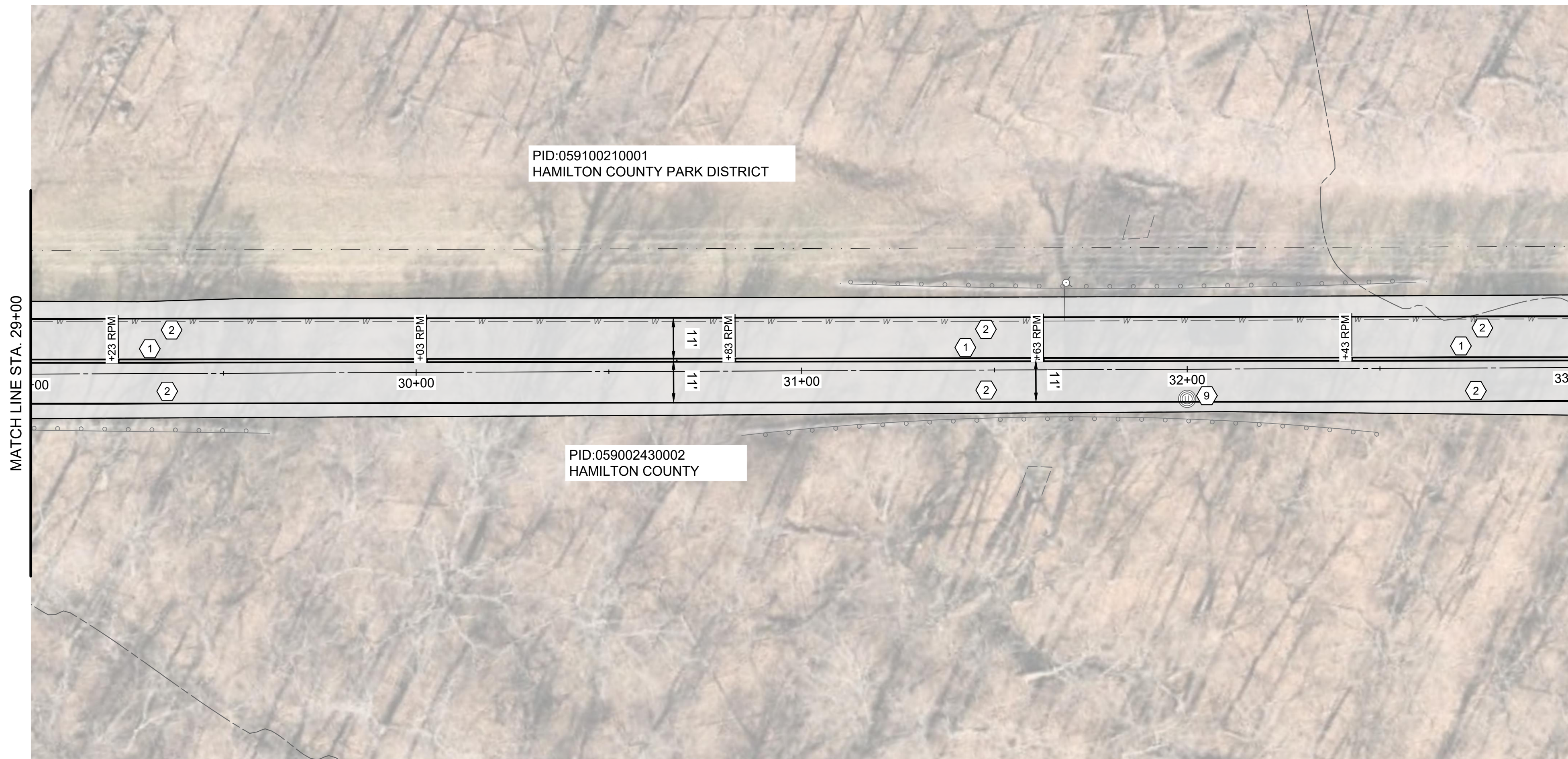
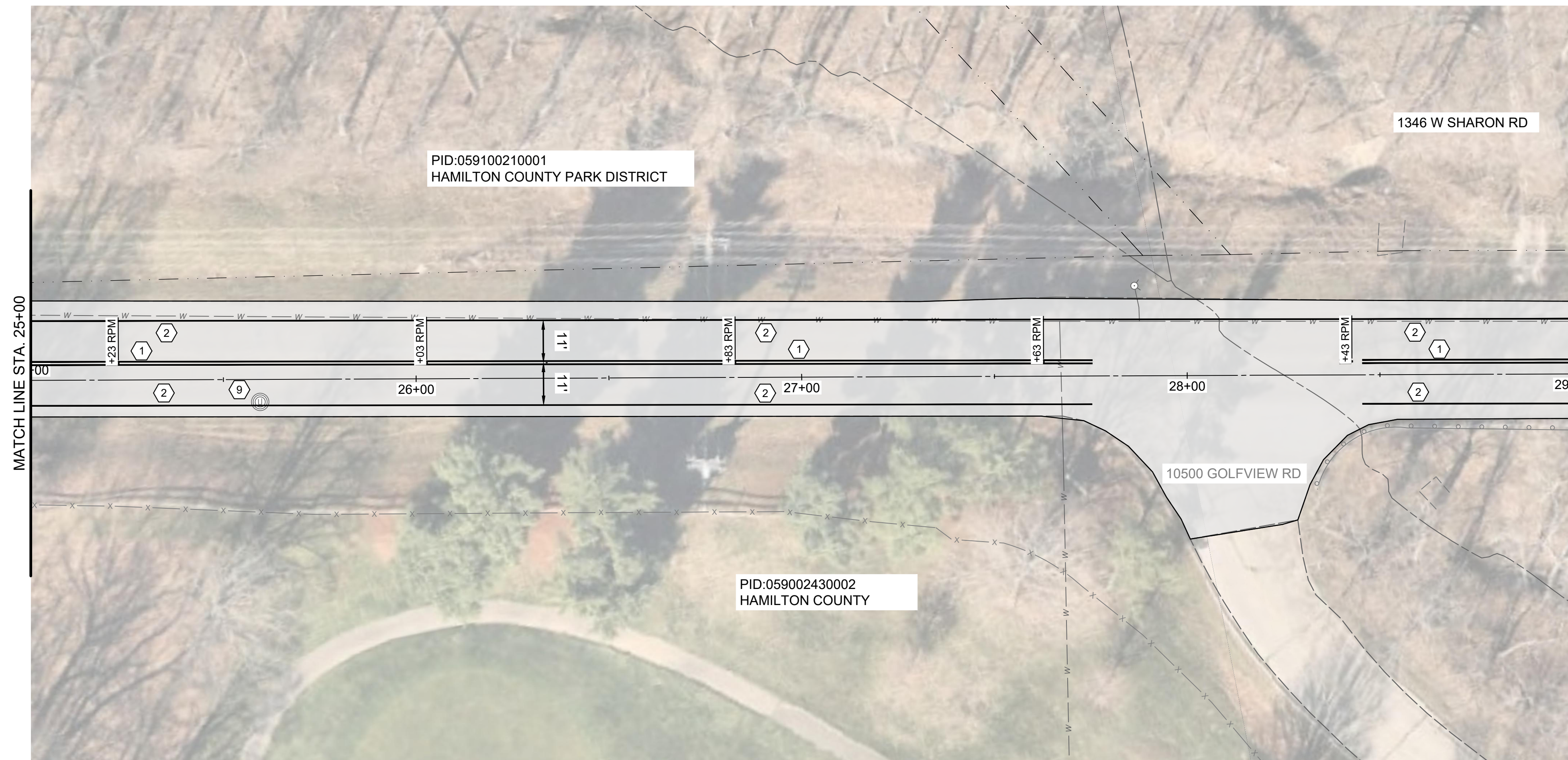


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DRAWN BY: EMOR			
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CITY OF FOREST PARK
W. SHARON ROAD IMPROVEMENTS
 FOREST PARK, HAMILTON COUNTY OHIO

W. SHARON RD 17+00 TO 25+00

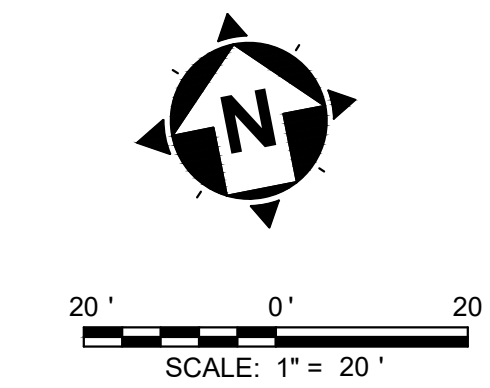
PROJECT NO.	241095
DISCIPLINE	CIVIL
SHEET NAME	PLAN
SHEET	OF
7	13



HATCH LEGEND	
	ITEM 254 - 3" PAVEMENT PLANING AND OVERLAY

- | NOTES | |
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| ⑫ | ITEM 632 - LOOP DETECTOR TIE IN |

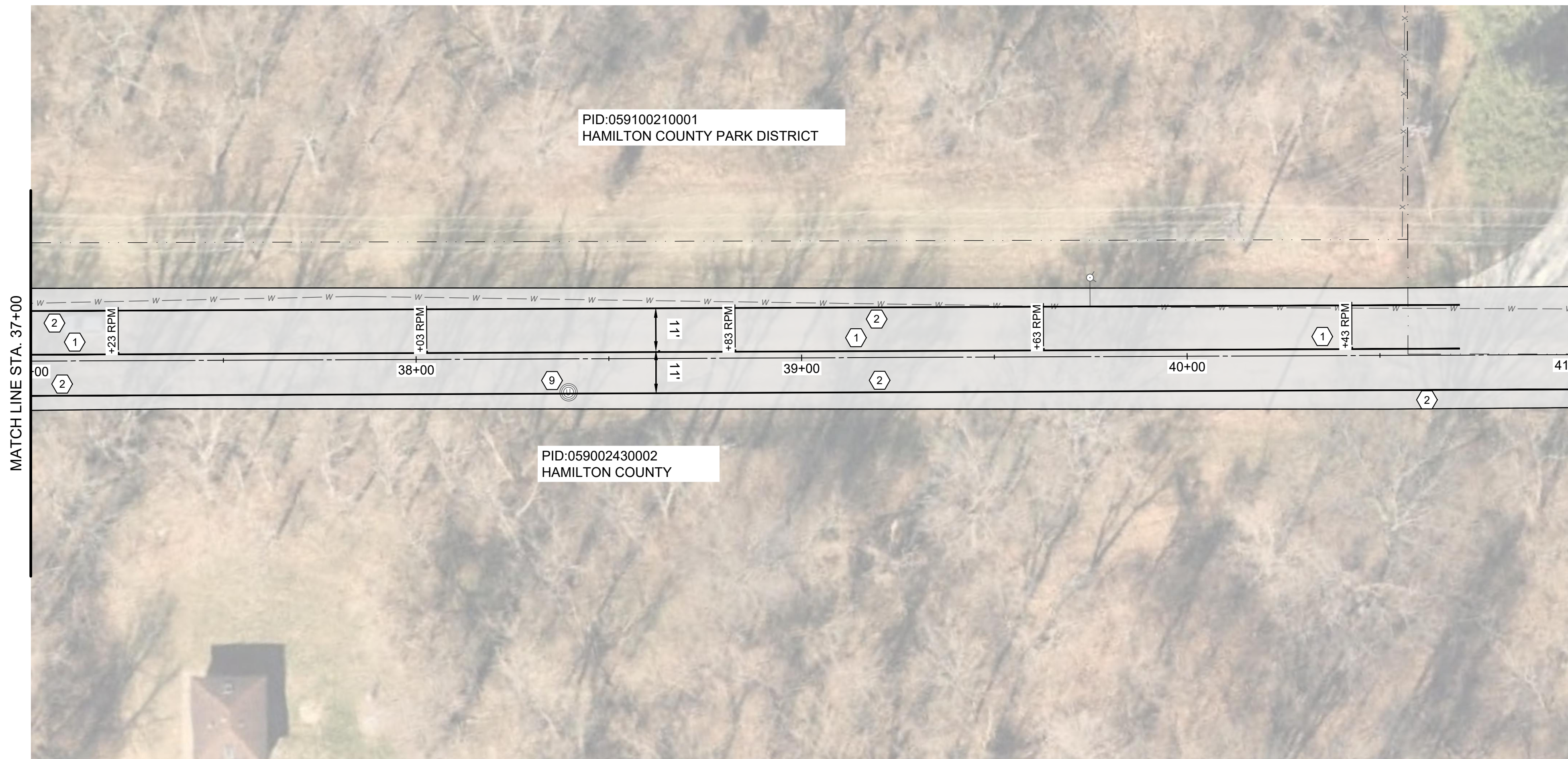
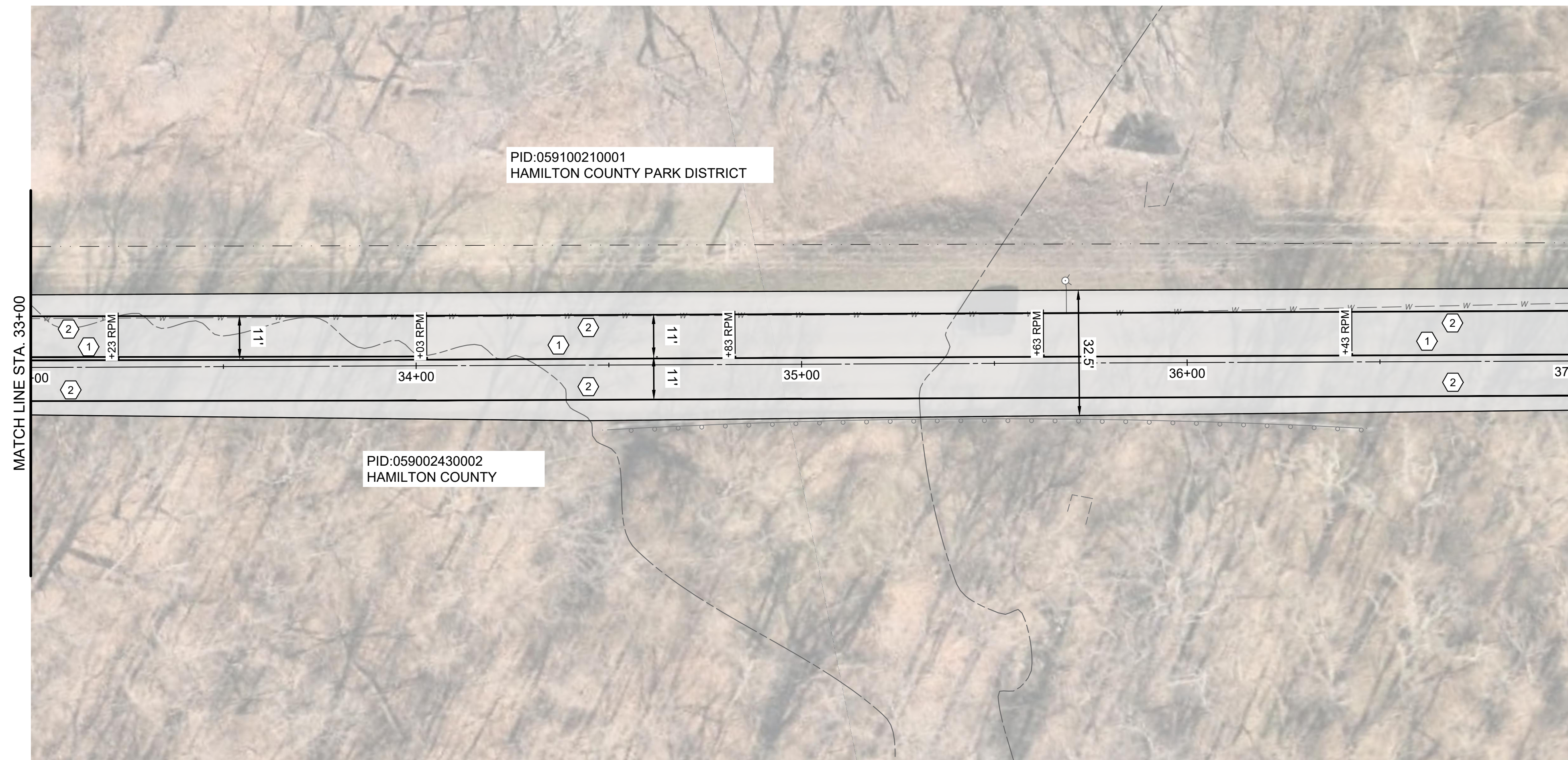


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SCALE: AS SHOWN			
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CITY OF FOREST PARK
W. SHARON ROAD IMPROVEMENTS
 FOREST PARK, HAMILTON COUNTY OHIO

W. SHARON RD 25+00 TO 33+00

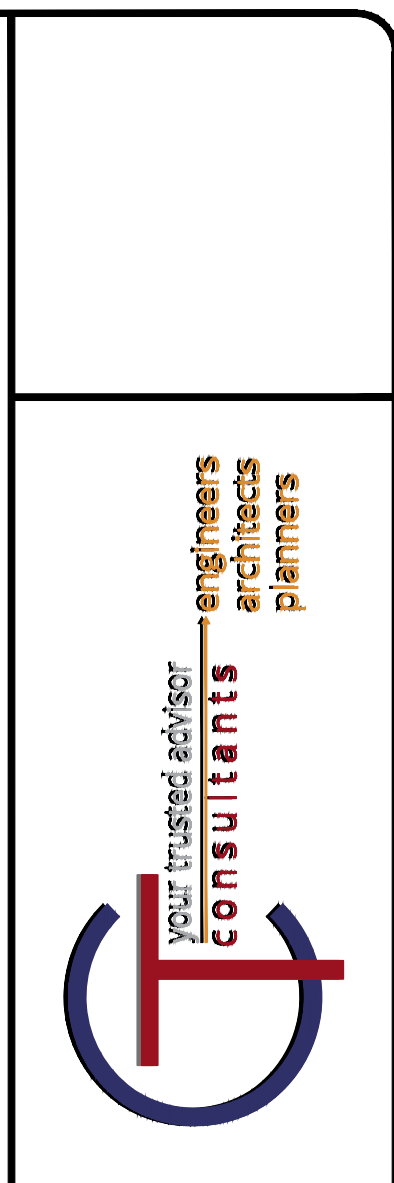
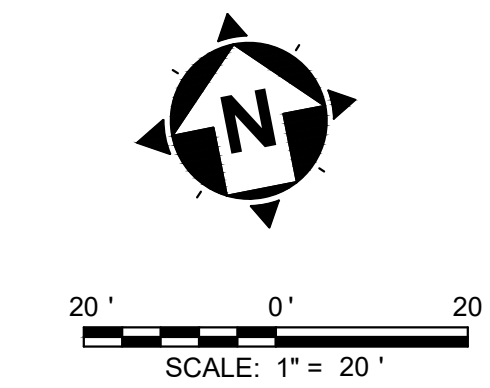
PROJECT NO.	
241095	
DISCIPLINE	
CIVIL	
SHEET NAME	
PLAN	
SHEET	OF
8	13



HATCH LEGEND	
	ITEM 254 - 3" PAVEMENT PLANING AND OVERLAY

- | NOTES | |
|-------|--|
| 1. | THE FINAL FULL DEPTH REPAIR AREAS WILL BE MARKED WHEN THE PLANING OPERATIONS HAVE BEEN COMPLETED. |
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| 3. | 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. |
| 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. |

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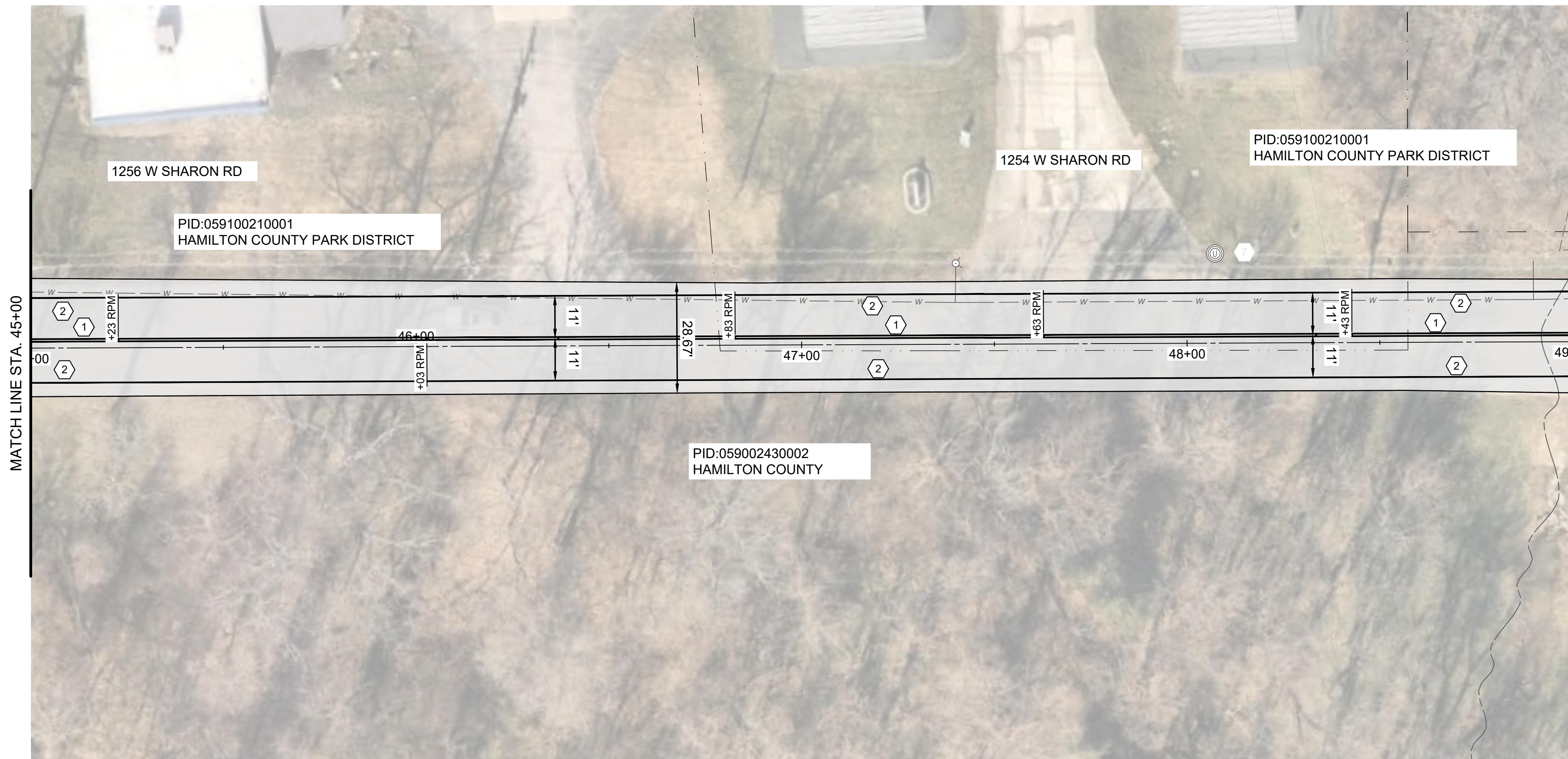
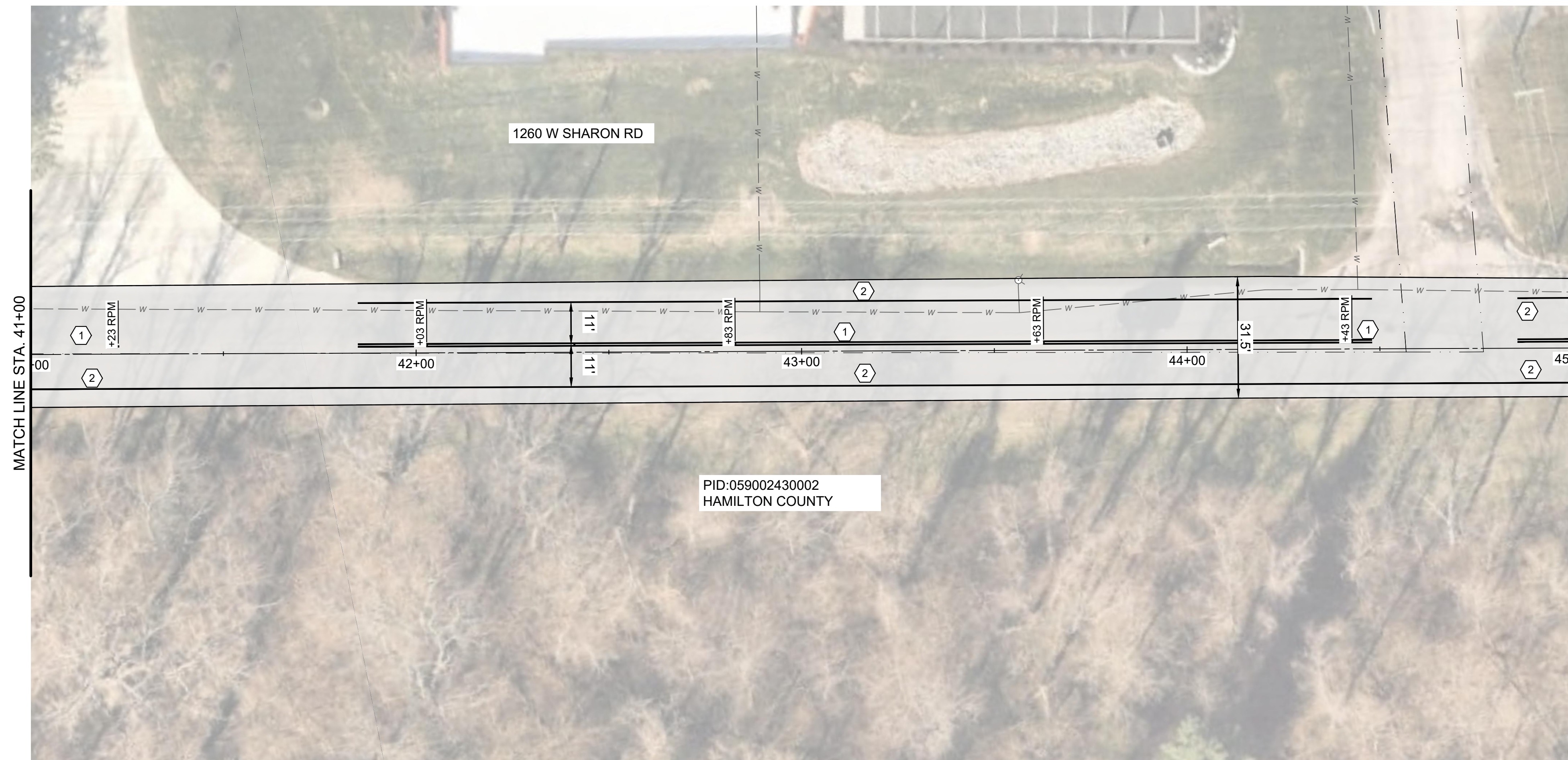


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CITY OF FOREST PARK
W. SHARON ROAD IMPROVEMENTS
 FOREST PARK, HAMILTON COUNTY OHIO

W. SHARON RD 33+00 TO 41+00

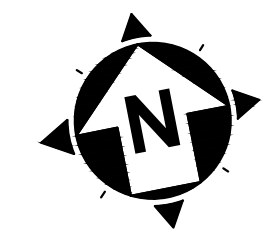
PROJECT NO.	241095
DISCIPLINE	CIVIL
SHEET NAME	PLAN
SHEET	OF
9	13



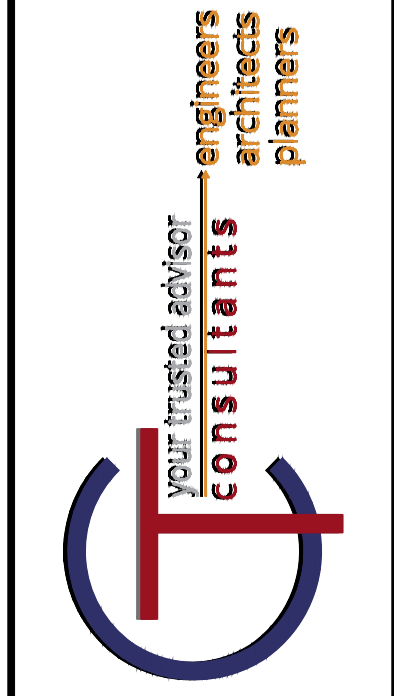
HATCH LEGEND	
	ITEM 254 - 3" PAVEMENT PLANING AND OVERLAY

- NOTES**
1. THE FINAL FULL DEPTH REPAIR AREAS WILL BE MARKED WHEN THE PLANING OPERATIONS HAVE BEEN COMPLETED.
 2. THE FINAL CURB REPLACEMENT LIMITS AND WORK LIMITS WILL BE MARKED PRIOR TO BEGINNING CONSTRUCTION.
 3. 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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 - ⑪ ITEM 632 - POWERHEAD LOOP DETECTOR
 - ⑫ ITEM 632 - LOOP DETECTOR TIE IN



20' 0' 20'
SCALE: 1" = 20'

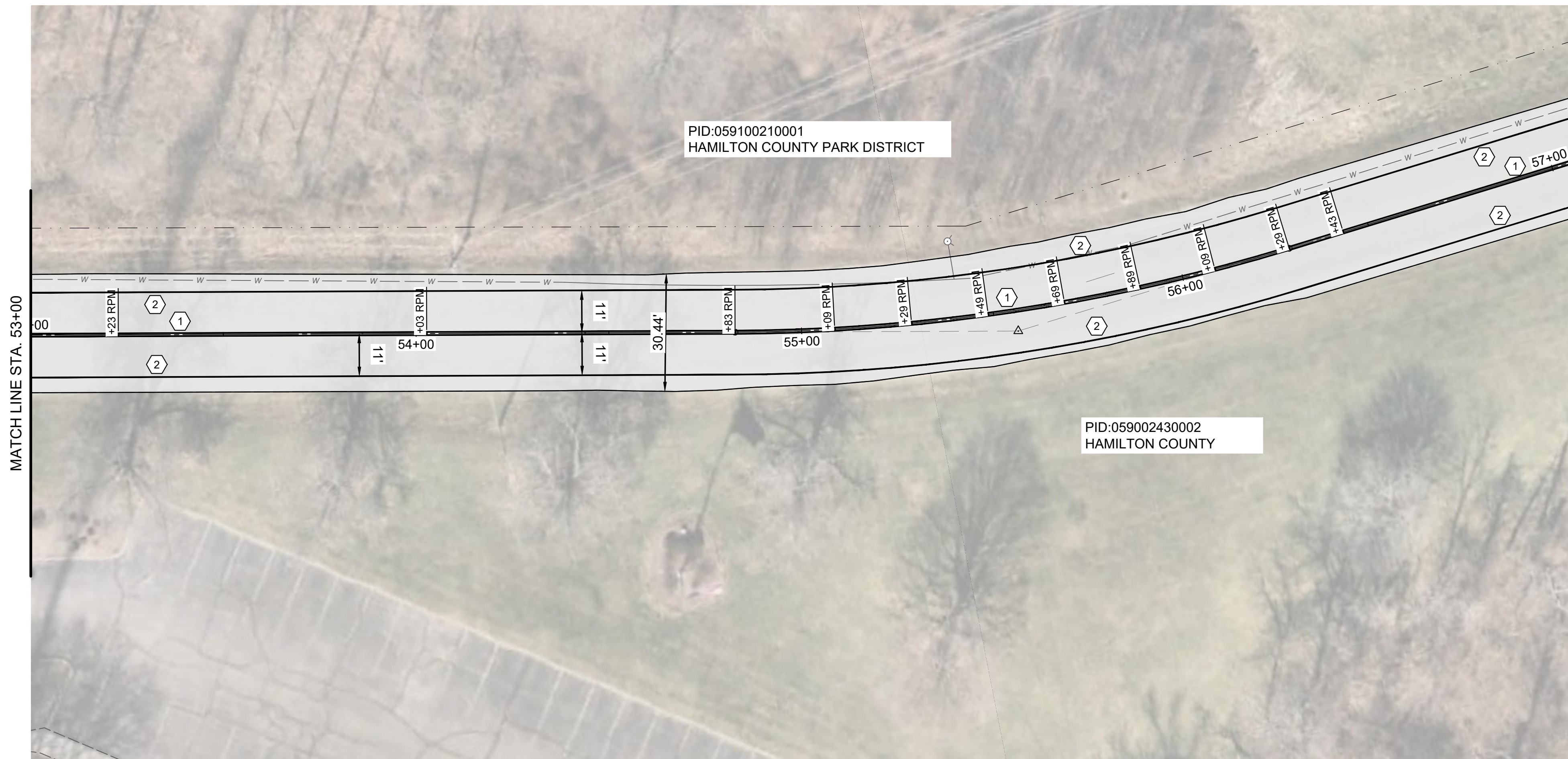
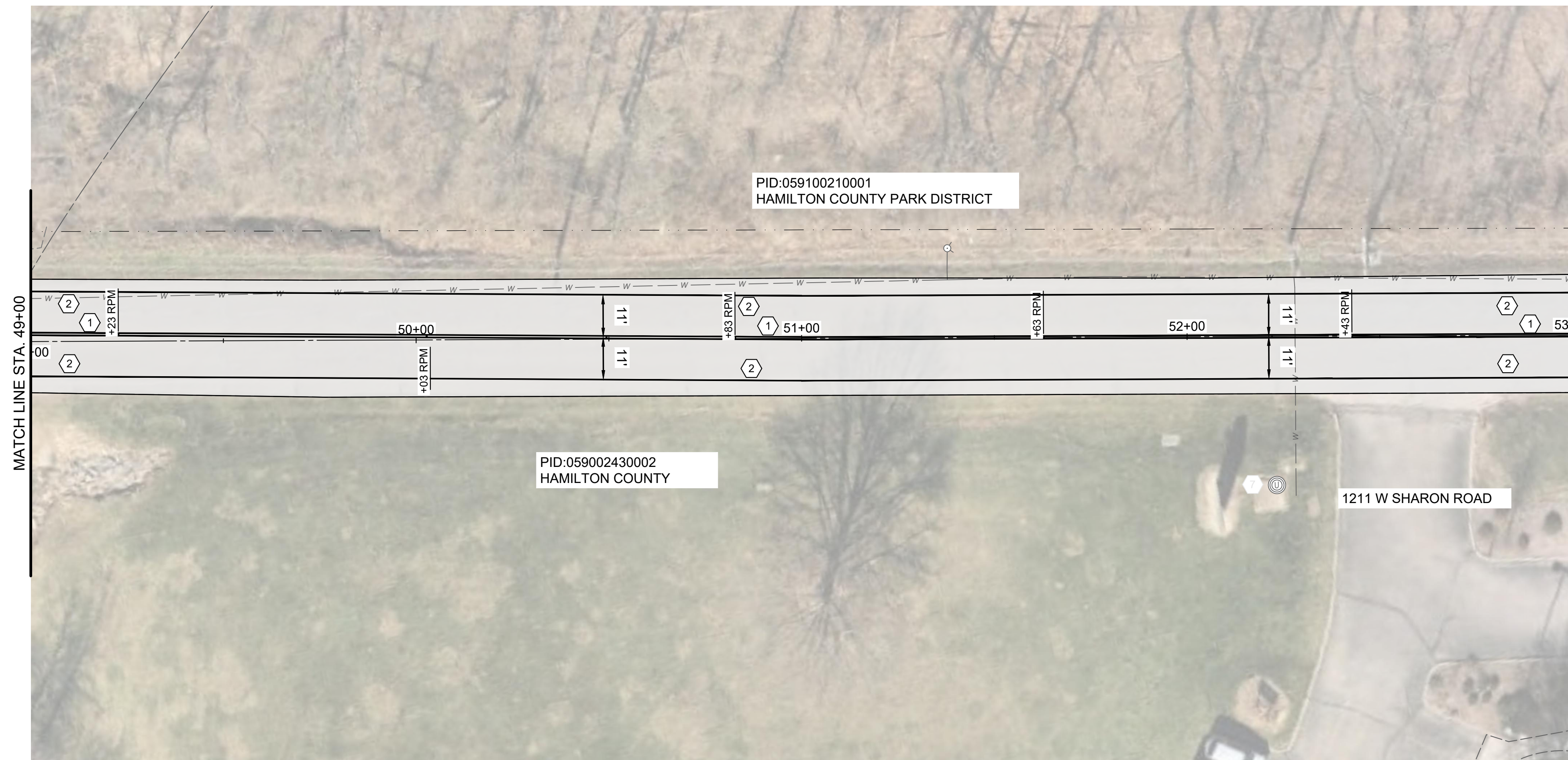


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SCALE: AS SHOWN			
DESIGNED BY: EMOR			
DRAWN BY: EMOR			
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CITY OF FOREST PARK
W. SHARON ROAD IMPROVEMENTS
 FOREST PARK, HAMILTON COUNTY OHIO

W. SHARON RD 41+00 TO 49+00

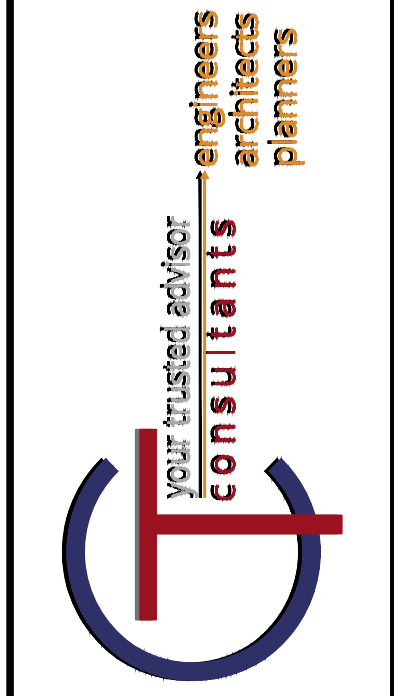
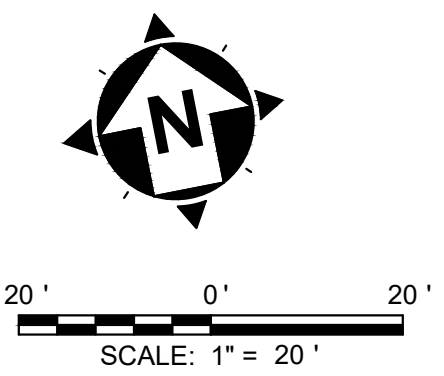
PROJECT NO.	241095
DISCIPLINE	CIVIL
SHEET NAME	PLAN
SHEET	OF
10	13



HATCH LEGEND	
	ITEM 254 - 3" PAVEMENT PLANING AND OVERLAY

- | NOTES | |
|-------|--|
| 1. | THE FINAL FULL DEPTH REPAIR AREAS WILL BE MARKED WHEN THE PLANING OPERATIONS HAVE BEEN COMPLETED. |
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| ④ | ITEM 644 - CROSSWALK LINE, 12" WHITE |
| ⑤ | ITEM 644 - CHANNELIZING LINE, 8" WHITE |
| ⑥ | ITEM 644 - ARROW, 96" |
| ⑦ | ITEM 644 - COMBO ARROW, 144" |
| ⑧ | SPL - ADJUST SANITARY MANHOLE TO GRADE |
| ⑨ | SPL - ADJUST TELEPHONE MANHOLE TO GRADE |
| ⑩ | SPL - ADJUST WATER MANHOLE TO GRADE |
| ⑪ | ITEM 632 - POWERHEAD LOOP DETECTOR |
| ⑫ | ITEM 632 - LOOP DETECTOR TIE IN |

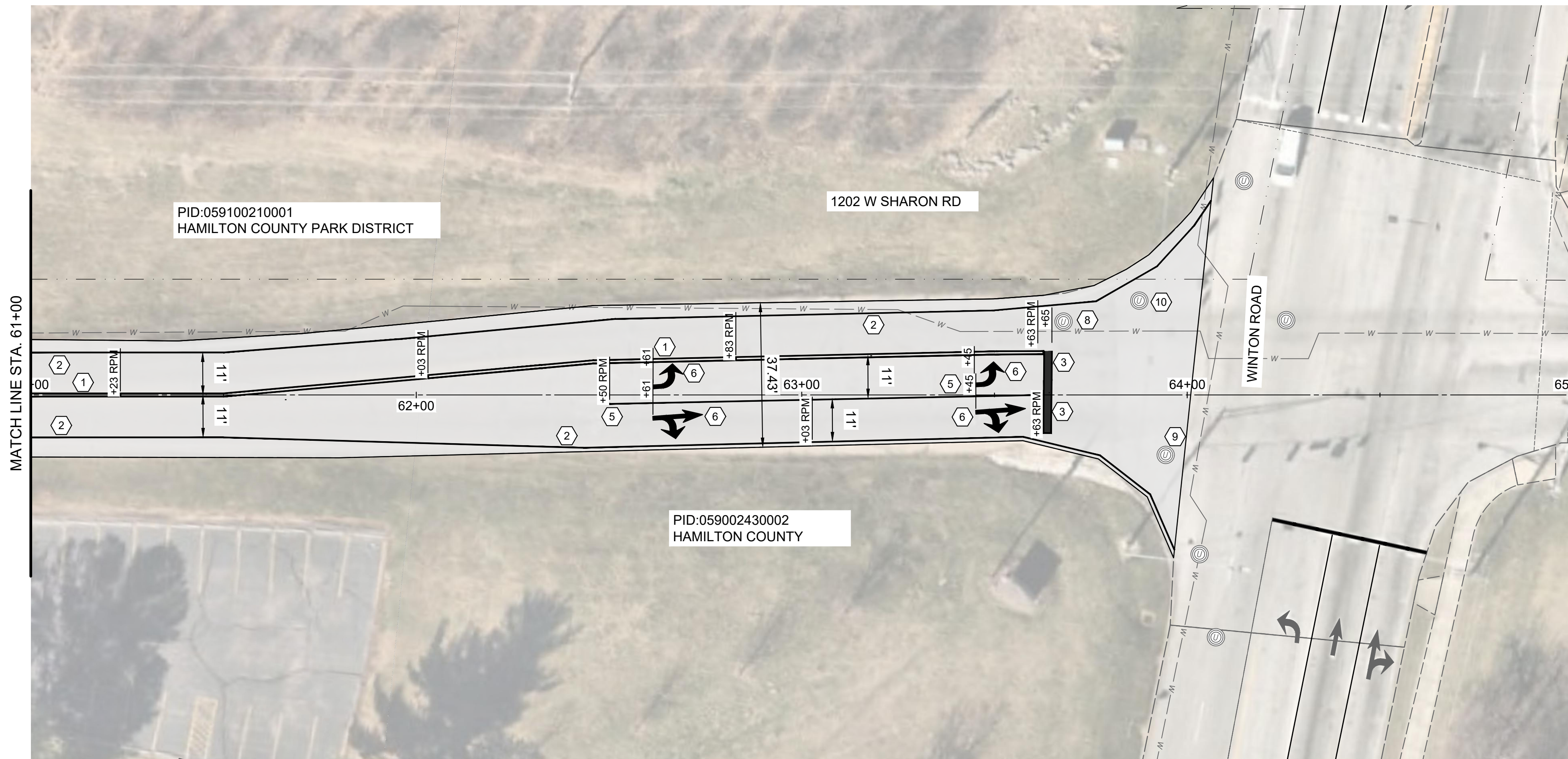
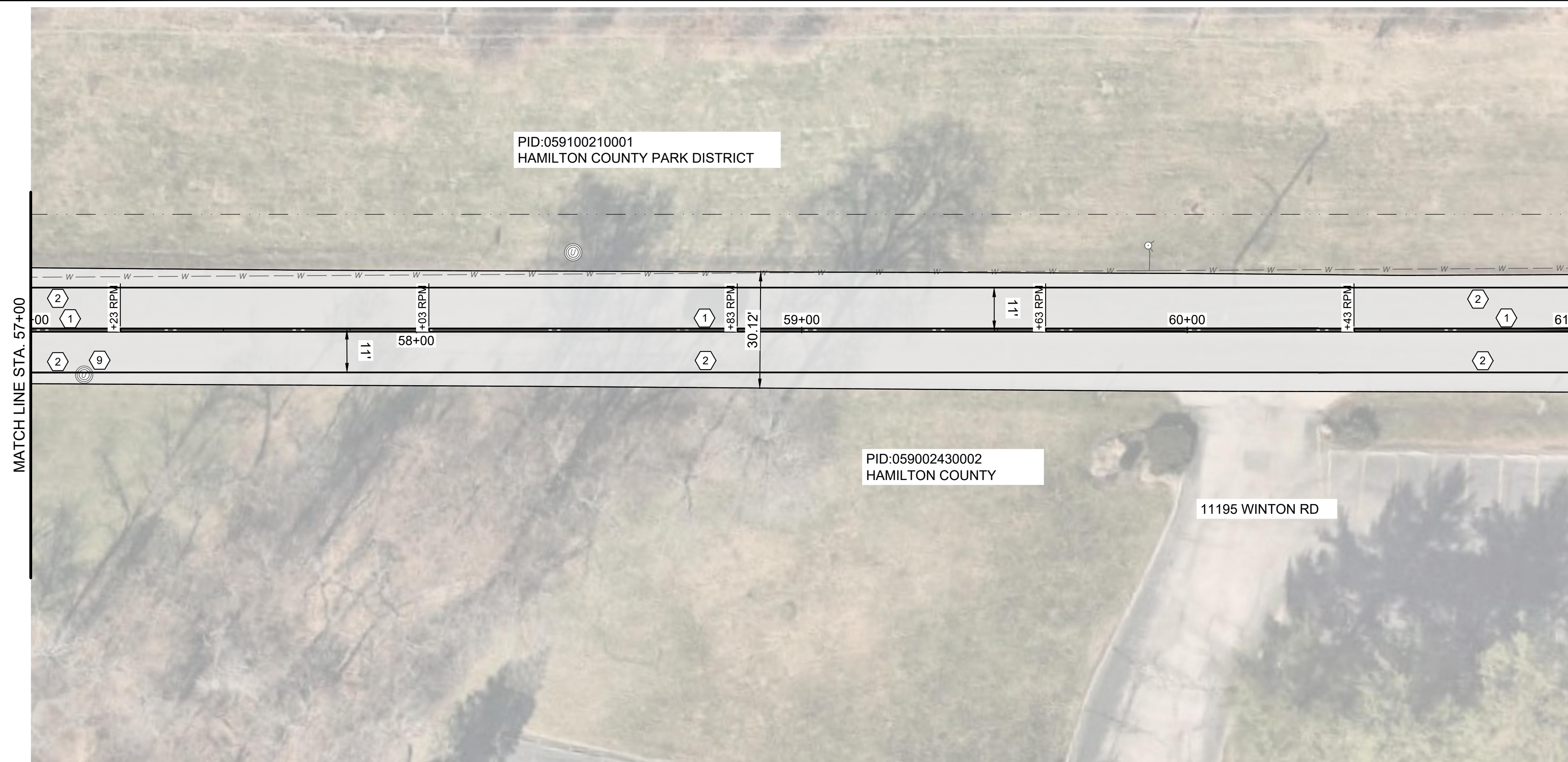


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SCALE: AS SHOWN			
DESIGNED BY: EMOR			
DRAWN BY: EMOR			
CHECKED BY: FTWE			

CITY OF FOREST PARK
W. SHARON ROAD IMPROVEMENTS
 FOREST PARK, HAMILTON COUNTY OHIO

W. SHARON RD 49+00 TO 57+00

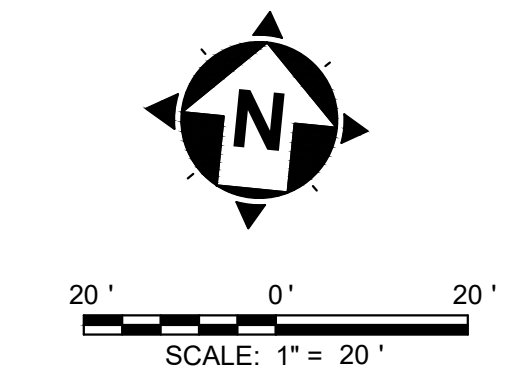
PROJECT NO.	241095
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SHEET	OF
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HATCH LEGEND	
	ITEM 254 - 3" PAVEMENT PLANING AND OVERLAY

- | NOTES | |
|-------|--|
| 1. | THE FINAL FULL DEPTH REPAIR AREAS WILL BE MARKED WHEN THE PLANING OPERATIONS HAVE BEEN COMPLETED. |
| 2. | THE FINAL CURB REPLACEMENT LIMITS AND WORK LIMITS WILL BE MARKED PRIOR TO BEGINNING CONSTRUCTION. |
| 3. | 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. |
| 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. |

- | CONSTRUCTION NOTES | |
|--------------------|---|
| ① | ITEM 644 - CENTERLINE, 4" SOLID DOUBLE YELLOW |
| ② | ITEM 644 - 4" EDGE LINE, WHITE |
| ③ | ITEM 644 - STOP LINE, 24", WHITE |
| ④ | ITEM 644 - CROSSWALK LINE, 12" WHITE |
| ⑤ | ITEM 644 - CHANNELIZING LINE, 8" WHITE |
| ⑥ | ITEM 644 - ARROW, 96" |
| ⑦ | ITEM 644 - COMBO ARROW, 144" |
| ⑧ | SPL - ADJUST SANITARY MANHOLE TO GRADE |
| ⑨ | SPL - ADJUST TELEPHONE MANHOLE TO GRADE |
| ⑩ | SPL - ADJUST WATER MANHOLE TO GRADE |
| ⑪ | ITEM 632 - POWERHEAD LOOP DETECTOR |
| ⑫ | ITEM 632 - LOOP DETECTOR TIE IN |

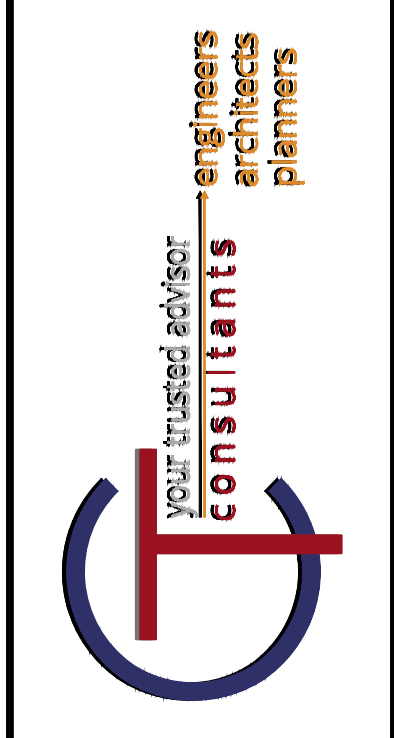


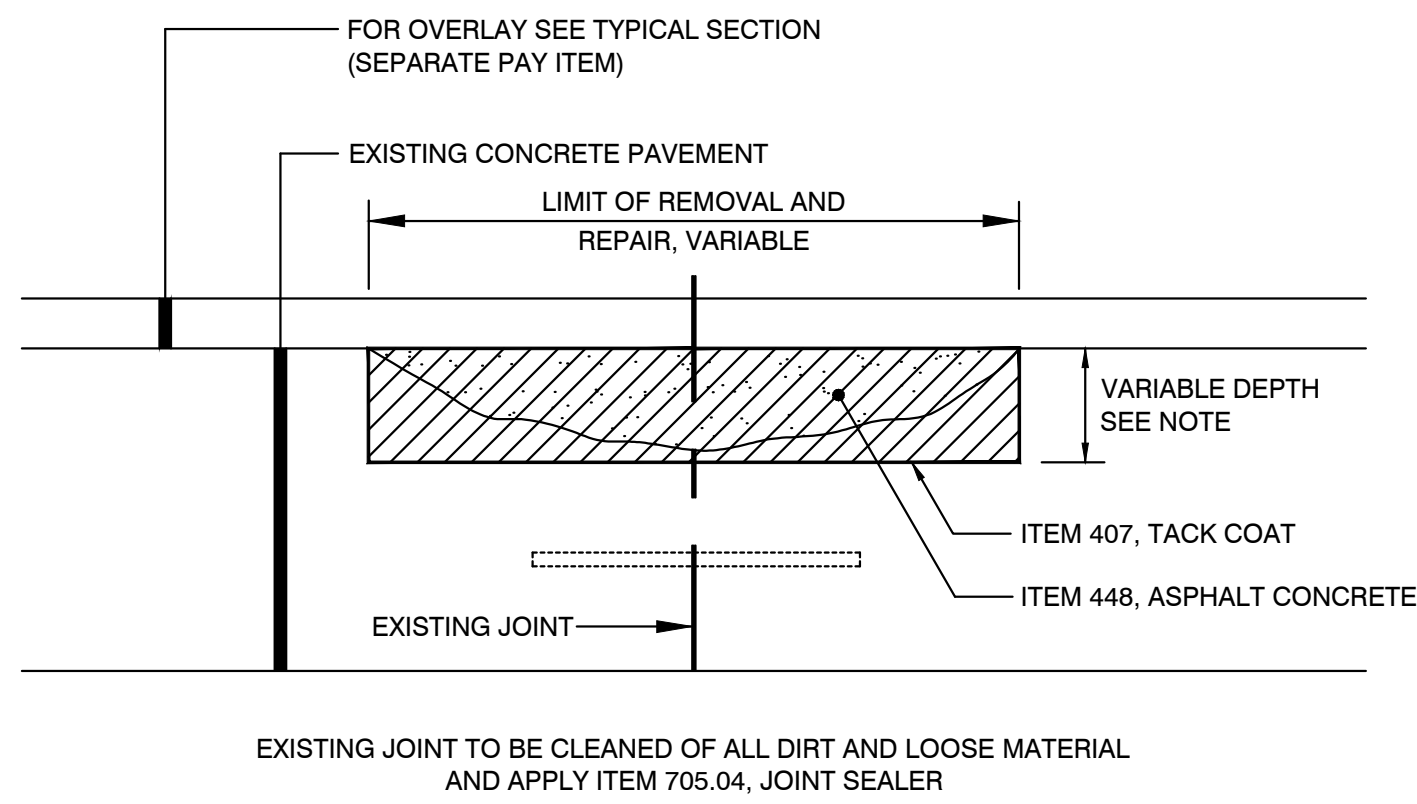
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SCALE:	AS SHOWN			
DESIGNED BY:	EMOR			
DRAWN BY:	EMOR			
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CITY OF FOREST PARK
W. SHARON ROAD IMPROVEMENTS
 FOREST PARK, HAMILTON COUNTY OHIO

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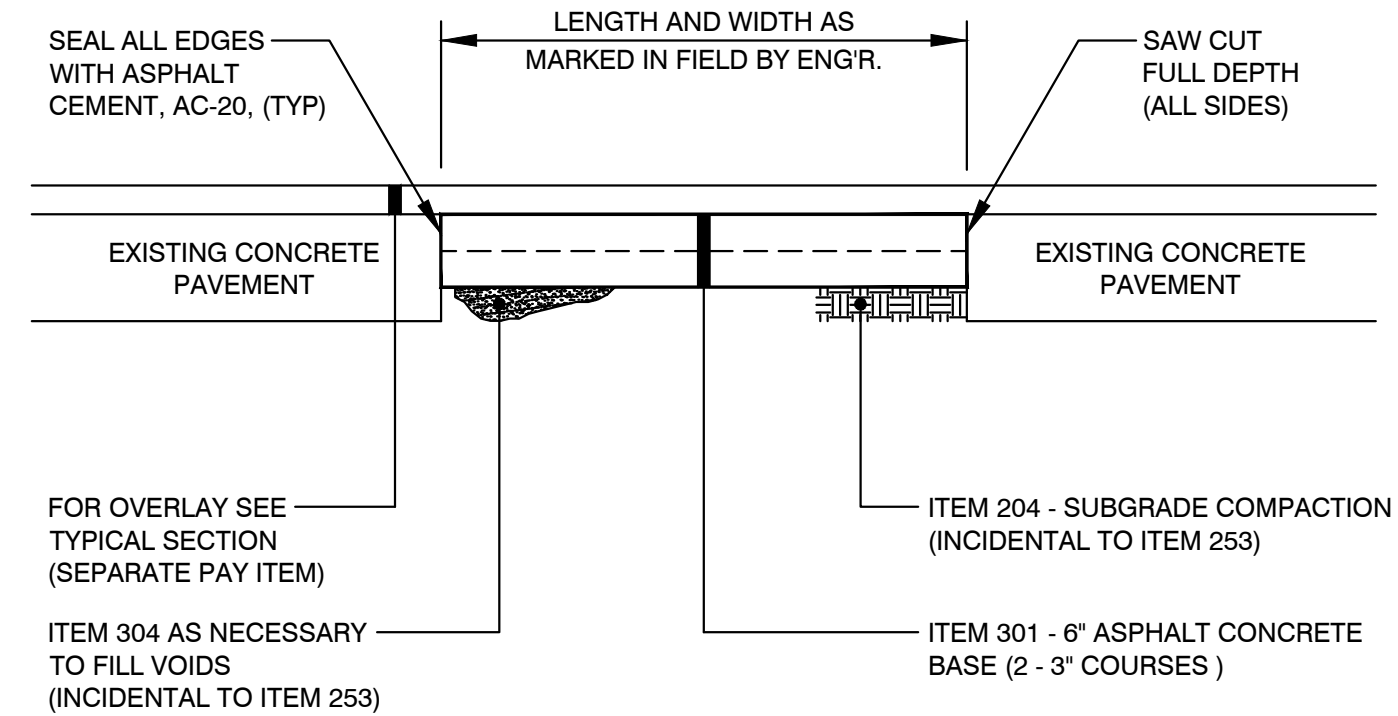


NOTE:

- 1.) REMOVE DETERIORATED PAVEMENT TO THE DEPTH SPECIFIED BY THE ENGINEER, SQUARING THE EDGES OF THE AREA TO BE REPAIRED. COAT THE SURFACE AREA WITH 407 MATERIAL BEFORE PLACING ITEM 448. WHEN DETERIORATION EXTENDS TO A DEPTH OF MORE THAN 4" IN THE CONCRETE, AND AT THE DIRECTION OF THE ENGINEER, A FULL DEPTH REMOVAL AND CONCRETE PAVEMENT REPLACEMENT SHALL BE MADE. (UNDER A SEPARATE PAY ITEM).
- 2.) THE CONTRACTOR SHALL REPAIR ONLY THOSE AREAS MARKED IN THE FIELD BY THE ENGINEER.

ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR DETAIL

NTS

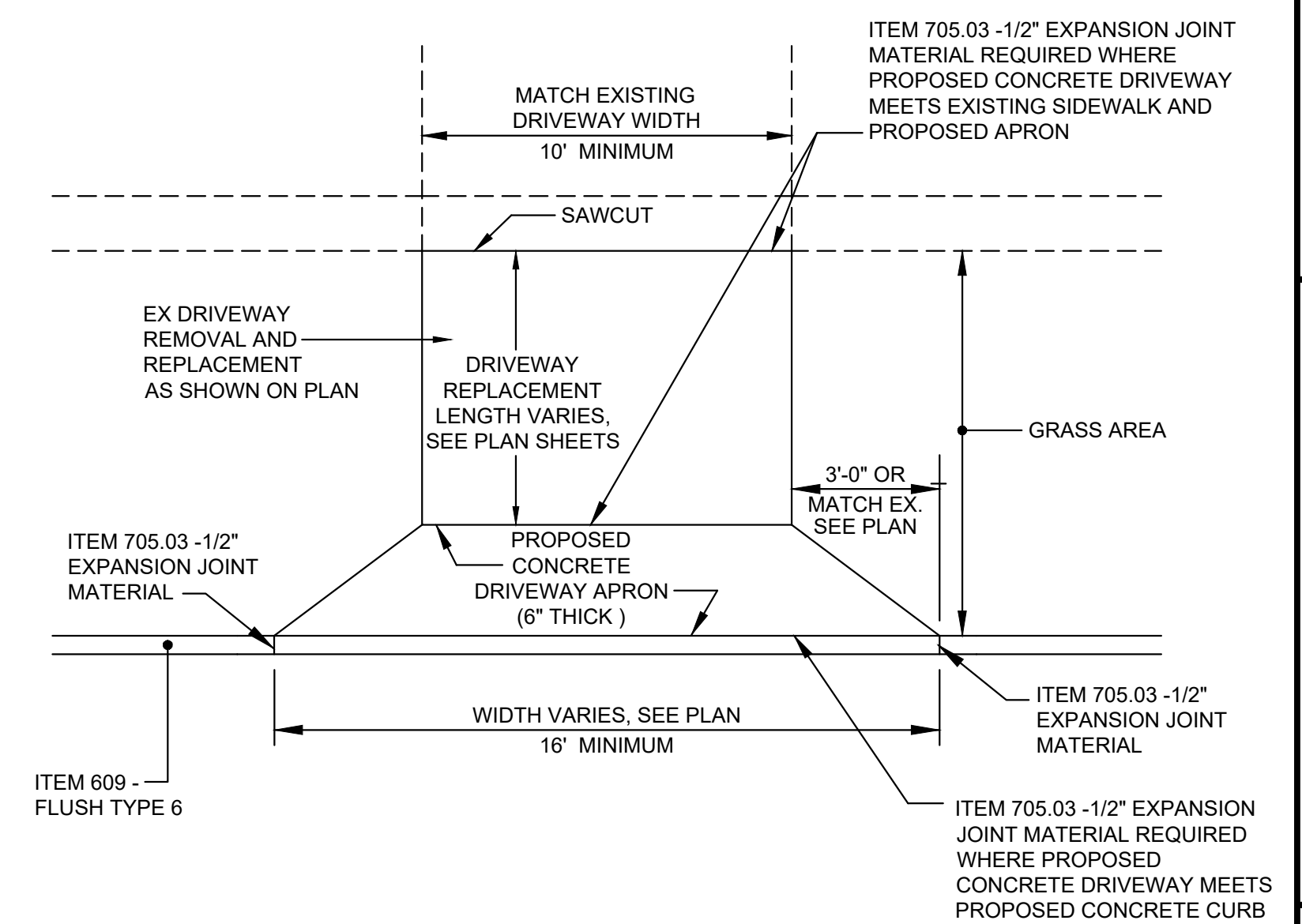


NOTES:

- 1.) 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.
- 2.) 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.

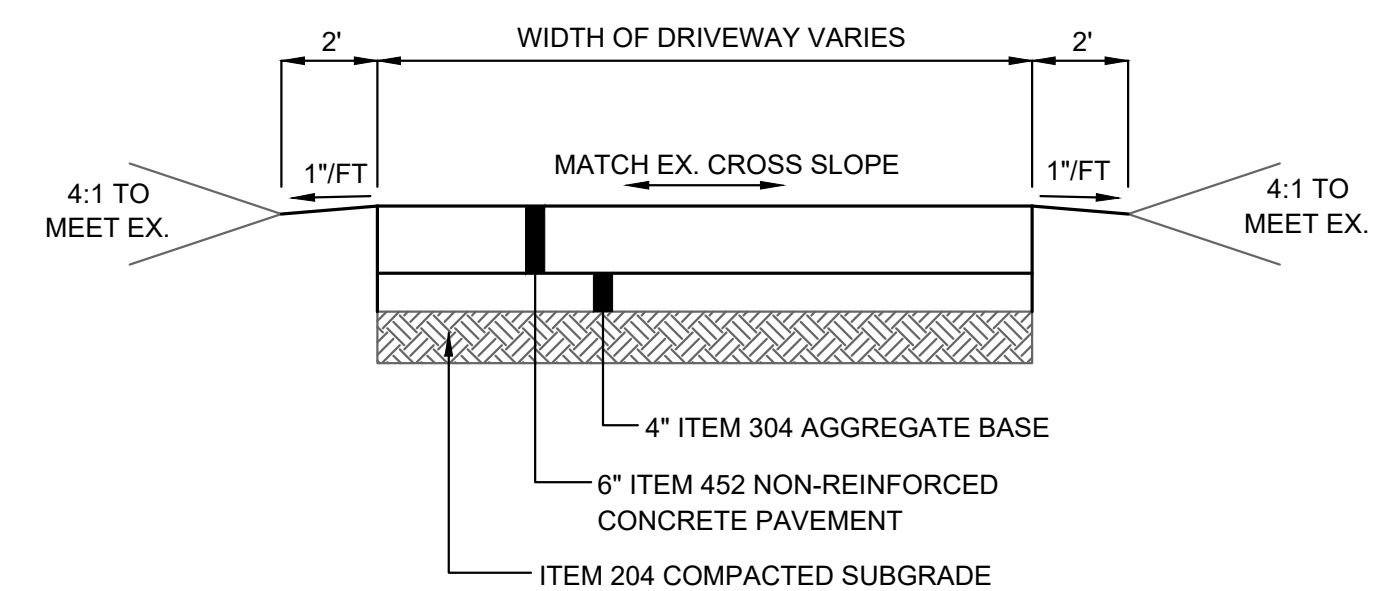
ITEM 253 - PAVEMENT REPAIR DETAIL

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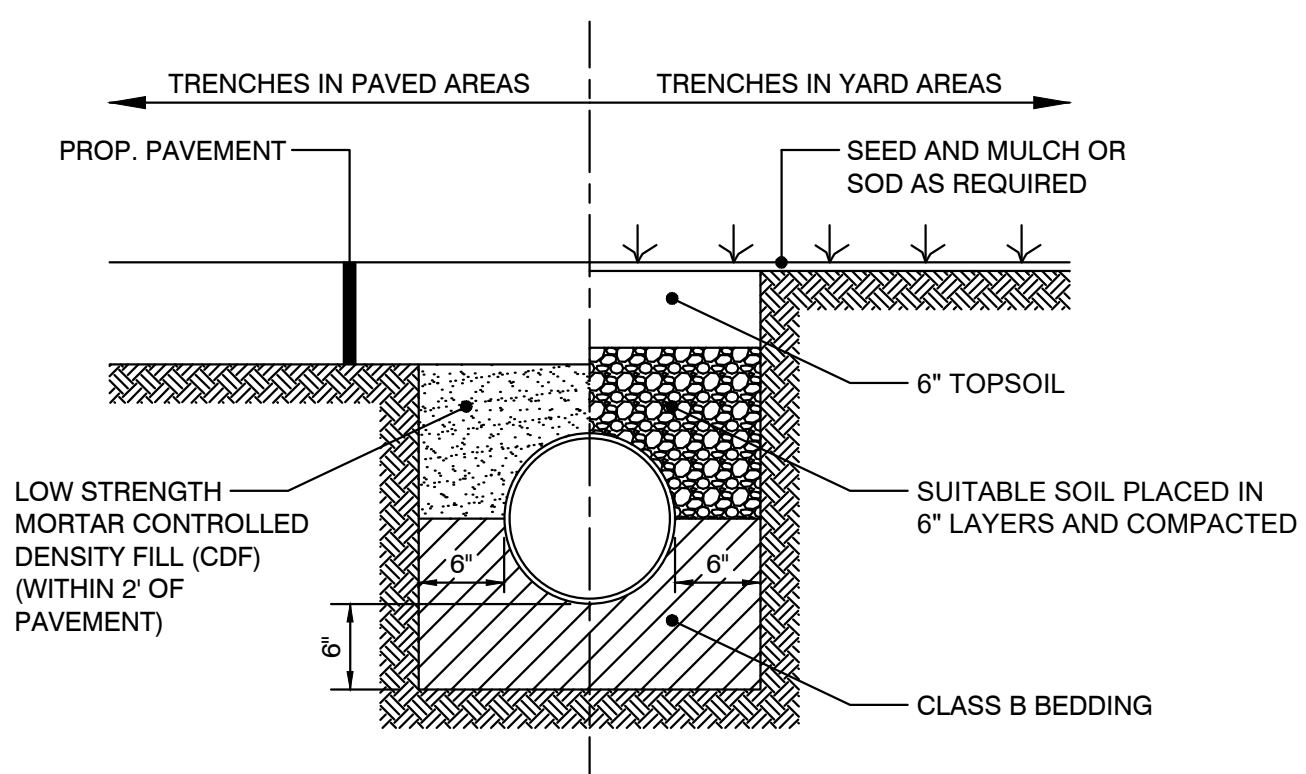
ITEM 452 - (6'') NON-REINFORCED CONCRETE PAVEMENT - TYPICAL DRIVEWAY APRON

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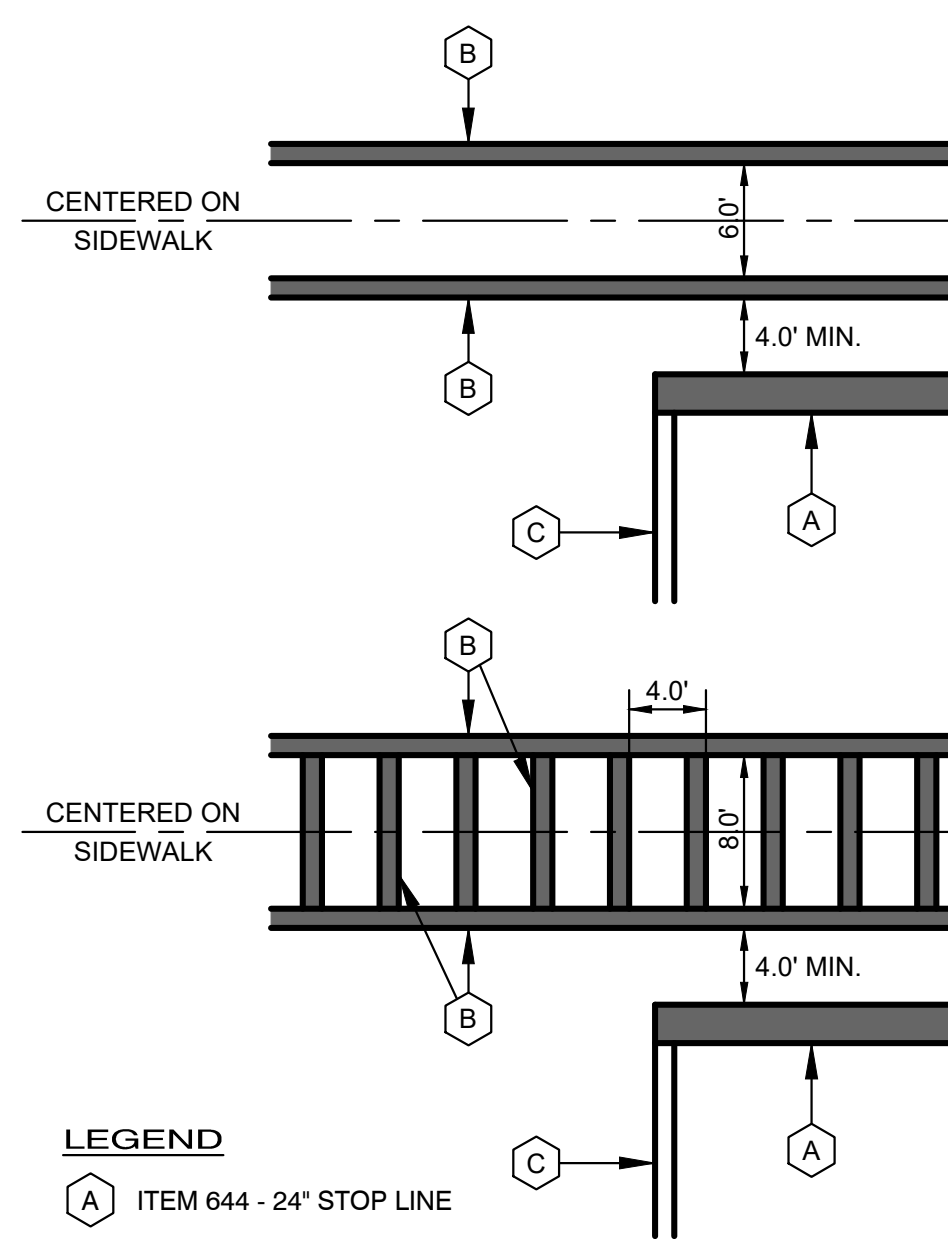
TYPICAL CONCRETE DRIVEWAY REPLACEMENT

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TYPICAL TRENCH BACKFILL

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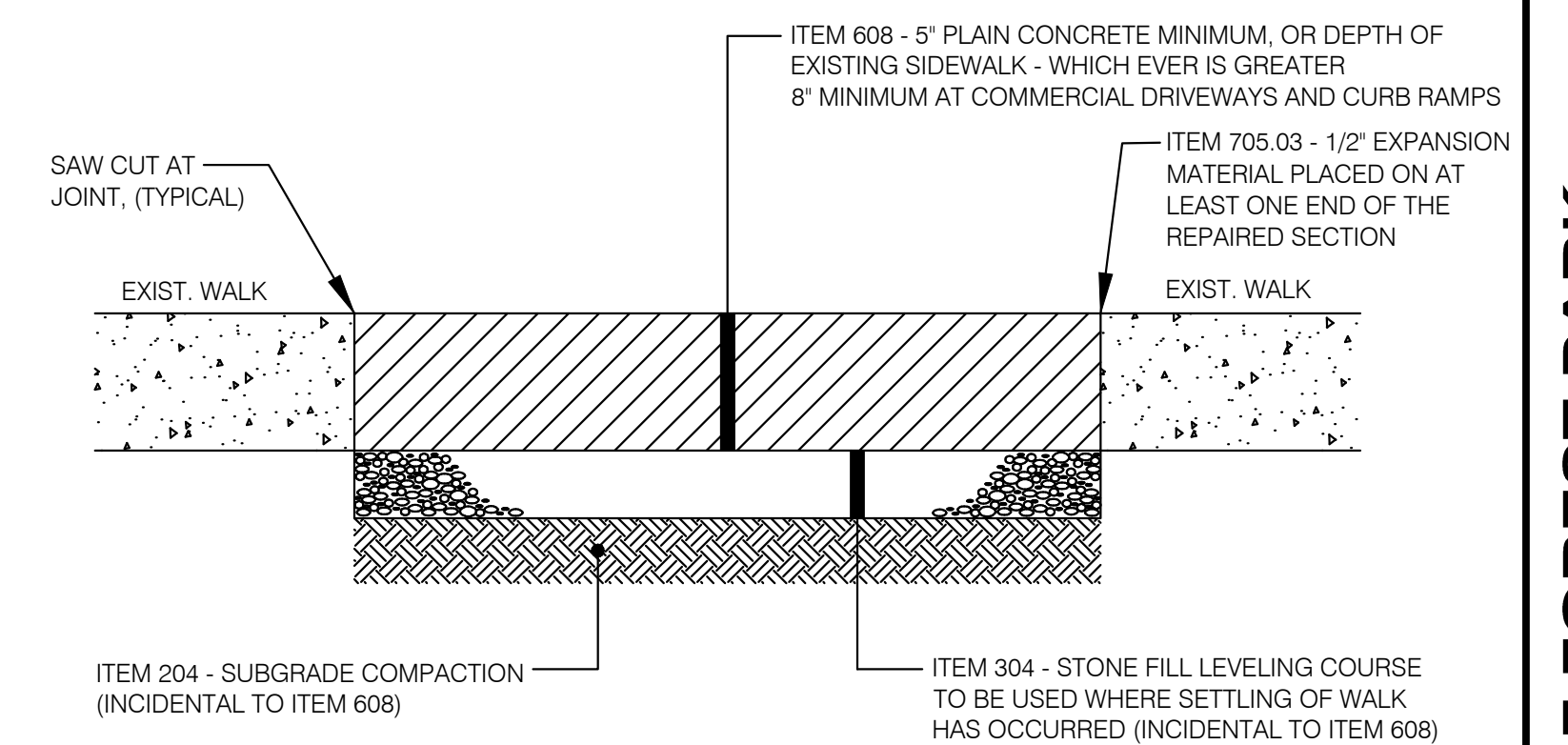


LEGEND

- (A) ITEM 644 - 24" STOP LINE
- (B) ITEM 644 - 12" CROSSWALK LINES
- (C) ITEM 644 - 4" SOLID DOUBLE YELLOW CENTERLINE

ITEM 644 - PAVEMENT MARKING DETAIL

NTS

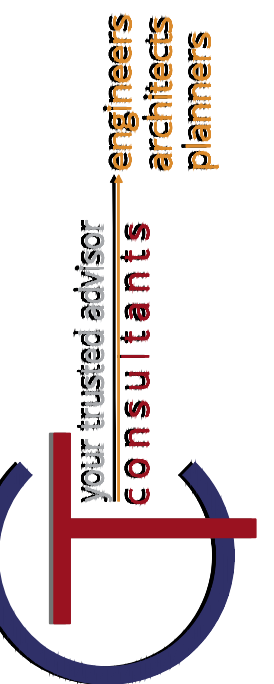


NOTES:

- 1.) REPLACEMENT WALK SHALL MATCH THE LINE AND GRADE OF THE EXISTING WALK AND THE SAME JOINT PATTERN SHALL BE MAINTAINED. THE MINIMUM WIDTH TO BE REPLACED WILL BE TWO (2) FEET. THE OWNER SHALL MARK IN THE FIELD THE WALK TO BE REPLACED.
- 2.) DISTURBED YARD AREAS SHALL BE RESTORED TO GRADE, SEEDED AND MULCHED WITHIN ONE (1) WEEK OF THE COMPLETION OF THE CONSTRUCTION OF THE NEW CONCRETE WALK.
- 3.) ITEM 705.03 - 1/2" ONE PIECE EXPANSION JOINT MATERIAL SHALL BE PLACED WHERE THE NEW WALK MEETS THE EXISTING WALK AND ALONG THE BACK OF THE CURB WHERE THE NEW WALK IS ADJACENT TO THE CURB.
- 4.) THE CITY RESERVES THE RIGHT TO HAVE THE CONTRACTOR DUMP CLEAN WASTED CONCRETE OF PROPER SIZE (NO EXPOSED REBAR) AT CITY SPECIFIED LOCATIONS FOR EROSION CONTROL. THE ACTUAL PLACEMENT OF THE WASTED CONCRETE ROCK CHANNEL PROTECTION SHALL BE AT A SEPARATE NEGOTIATED PRICE OR BY OTHERS AT THE CITY'S OPTION. THIS PERTAINS TO WALKS, APRONS AND CURBS.
- 5.) A CLEAR CURING COMPOUND SHALL BE APPLIED TO THE NEW CONCRETE WALK.

ITEM 608 - CONCRETE WALK SECTION

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CITY OF FOREST PARK
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DETAILS

PROJECT NO.	241095
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