

11-17-2023 LETTING ITEM 098



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# PARKVIEW AVENUE

FOR

# CITY OF ROCKFORD

PROPOSED SIDEWALK PLANS  
SECTION #20-00635-00-SW  
PROJECT No. 5QYL(955)  
JOB No. C-92-091-21  
ITEP No. 2T3405  
WINNEBAGO COUNTY



LOCATION MAP

LENGTH OF PROJECT = 1,446 FT OR 0.27 MI

SPRING CREEK ROAD  
2040 ADT = 31,025  
SPEED LIMIT = 45 MPH

PARKVIEW AVENUE  
2040 ADT = 7,516  
SPEED LIMIT = 30 MPH

# FEHR GRAHAM

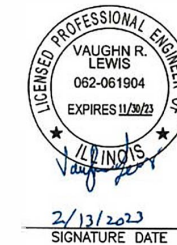
ENGINEERING & ENVIRONMENTAL

ILLINOIS IOWA WISCONSIN

ILLINOIS PROFESSIONAL DESIGN FIRM NUMBER: 184003525

| UTILITIES      |  |
|----------------|--|
| UTILITY TYPE   | COMMON NAME  |
| WATER          | CITY OF ROCKFORD                                     |
| SANITARY SEWER | FOUR RIVERS SANITATION AUTHORITY                     |
| ELECTRIC       | COMED  |
| TELEPHONE      | AT&T DISTRIBUTION                                    |
| FIBER          | ILLINOIS FIBER RESOURCES GROUP & MO NETWORK ALLIANCE |
| GAS            | NICOR  |
| CABLE          | COMCAST  |

(CONTRACTOR TO BE RESPONSIBLE FOR ANY ADJUSTMENTS TO BE MADE.)



|   |                   |
|---|-------------------|
| APPROVED                                      | February 16, 2023 |
| <i>Jim Doherty</i>                            |                   |
| CITY ENGINEER                                 |                   |
| PASSED  | 2/18 2023         |
| <i>John C. ...</i>                            |                   |
| DISTRICT ENGINEER OF LOCAL ROADS AND STREETS  |                   |
| RELEASING FOR BID BASED ON LIMITED REVIEW     | 2/18 2023         |
| <i>Michael ...</i>                            |                   |
| DEPUTY DIRECTOR OF HIGHWAYS/REGION 2 ENGINEER |                   |

**IDOT HIGHWAY STANDARDS**

- 424001-11 CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
- 542301-03 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 542601-03 REINFORCED CONCRETE PIPE ELBOW 24", 30" OR 36"
- 606001-08 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701606-10 URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIUM
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-08 TRAFFIC CONTROL DEVICES
- 720011-01 METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
- 728001-01 TELESCOPING STEEL SIGN SUPPORT
- 729001-01 APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS AND MARKERS)
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 814001-03 HANDHOLES
- 857001-01 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
- 873001-02 TRAFFIC SIGNAL GROUNDING & BONDING
- 876001-04 PEDESTRIAN PUSH BUTTON POST
- 878001-11 CONCRETE FOUNDATION DETAILS
- 880006-01 TRAFFIC SIGNAL MOUNTING DETAILS

CONTRACT No. 85727

SHEET NUMBER:  
1

| ORIGINAL SET FOR PROJECT: 20-394A |             | DATE CREATED: 2/8/23 |
|-----------------------------------|-------------|----------------------|
| REVISIONS                         |             |                      |
| REV. NO.                          | DESCRIPTION | DATE                 |
|                                   |             |                      |
|                                   |             |                      |
|                                   |             |                      |
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|                                   |             |                      |



**GENERAL NOTES**

- THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MUNICIPAL CODE, CITY OF CITY OF ROCKFORD, ILLINOIS, CURRENT EDITION, THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", CURRENT EDITION, "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS," CURRENT EDITION, SPECIAL PROVISIONS AND THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", CURRENT EDITION. SIGN CONSTRUCTION AND PAVEMENT MARKINGS SHALL CONFORM TO THE REQUIREMENTS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", CURRENT EDITION.
- IN THESE CONTRACT DOCUMENTS MENTION IS MADE OF THE "OWNER", WHICH SHALL MEAN CITY OF ROCKFORD, OR THEIR DULY AWARDED AGENT.
- AS PART OF THE BIDDING PROCEDURE, THE CONTRACTOR SHALL VERIFY THAT THE QUANTITIES FOR PAY ITEMS, AS PRESENTED IN THESE PLAN DOCUMENTS, ARE SUBSTANTIALLY CORRECT. IF DISCREPANCIES ARE DETECTED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF THE DISCREPANCY PRIOR TO THE BID DATE.
- QUANTITIES SHOWN ARE ESTIMATES FOR INFORMATION ONLY. PAYMENT WILL BE BASED ON ACTUAL QUANTITIES MEASURED IN THE FIELD OR ON PAYMENT LIMIT DETAILS.
- THE CONTRACTOR SHALL BE PAID FOR MATERIALS AND EQUIPMENT SUCCESSFULLY INSTALLED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS AS MEASURED OR VERIFIED IN PLACE BY THE ENGINEER OR HIS AGENT.
- IN CASE OF CONFLICT BETWEEN THE ABOVE MENTIONED SPECIFICATIONS, THE ENGINEER SHALL DETERMINE WHICH OF THE SPECIFICATIONS SHALL GOVERN. THE ENGINEER'S DECISION SHALL BE FINAL AND NO ADDITIONAL COMPENSATION SHALL BE AWARDED UNLESS APPROVED BY THE ENGINEER.
- THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPROVED BY THE OWNER. IMPROVEMENT REPRESENTATIONS AS SHOWN ON THESE PLANS, ARE AS ACCURATE AS POSSIBLE FROM THE INFORMATION AVAILABLE. HOWEVER SOME FIELD REVISIONS MAY BE REQUIRED TO ACCOMMODATE UNFORESEEN CIRCUMSTANCES - THE ENGINEER SHALL BE ADVISED OF ANY NECESSARY REVISIONS WITH SUFFICIENT LEAD TIME ALLOWED TO PROPERLY CONSIDER AND ACT UPON SAID REQUESTS. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED IN CONSTRUCTING THOSE IMPROVEMENTS AS DETAILED IN THIS ENGINEERING PLAN.
- THE ENGINEER SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE OR REJECT THE WORKMANSHIP AND/OR MATERIALS WHICH GO TO MAKE UP IMPROVEMENTS AS DETAILED IN THESE PLANS AND SPECIFICATIONS.
- GENERAL SAFETY PROVISION: TO PROVIDE DRIVERS WITH SAFE TRAVEL CONDITIONS DURING THE CONSTRUCTION PROJECT, AND TO PROVIDE SAFE WORKING CONDITIONS FOR ALL EMPLOYEES, THE RULES, REGULATIONS, AND CONDITIONS STATED BELOW WILL PREVAIL FOR THE DURATION OF THIS CONTRACT. ANY EMPLOYEE OF THE CONTRACTOR OR HIS SUBCONTRACTORS WHO REFUSES TO COMPLY WITH THESE GENERAL SAFETY PROVISIONS SHALL BE REMOVED FROM THE JOB SITE IN ACCORDANCE WITH STATE AND LOCAL REQUIREMENTS. THE CONTRACTOR AND ANY SUBCONTRACTORS RETAINED BY HIM SHALL COMPLY WITH THE STATE AND FEDERAL REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 (OSHA), JULY 1, 1987 AS IT RELATES TO CONTRACTOR'S OPERATIONS.
- THE CONTRACTOR SHALL COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION. THE CONTRACTOR WILL NOT BE ALLOWED TO BUILD FIRES ON THE SITE.
- THE SCALE SHOWN ON THE DRAWINGS APPLIES ONLY TO THE FULL SIZE PLANS NOT THE REDUCED SIZE PLANS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN DRAINAGE FLOWS AT ALL TIMES DURING THE PERFORMANCE OF THE WORK. METHODS USED BY THE CONTRACTOR SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER. COST OF MAINTAINING DRAINAGE FLOWS SHALL BE INCIDENTAL TO THE CONTRACT.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED OR DISTURBED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS, MONUMENTS AND RIGHT-OF-WAY PINS UNTIL THE OWNER, AND AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS. REPLACEMENT OF MONUMENTS WILL BE DETERMINED BY THE ENGINEER.
- THE CONTRACTOR SHALL REMOVE, STORE, AND RELOCATE TO THE SATISFACTION OF THE ENGINEER ALL EXISTING SIGNAGE IN ACCORDANCE WITH STATE AND LOCAL REQUIREMENTS, AND CONSIDER THIS AS INCIDENTAL TO THE CONTRACT.
- OUTSIDE THE EXISTING RIGHT-OF-WAY, THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATION NEAR ANY AND ALL EXISTING SIGNS OUTSIDE THE RIGHT-OF-WAY. ANY SIGNS REMOVED FOR CONSTRUCTION PURPOSES SHALL BE CAREFULLY REMOVED AND RE-ERECTED BY THE CONTRACTOR AT A LOCATION NEAREST TO THE ORIGINAL LOCATION, OR AT A LOCATION DETERMINED BY THE ENGINEER IN THE FIELD. REMOVAL AND RE-ERECTED SIGNS AND ANY DAMAGE DONE TO EXISTING SIGNS BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL EXPENSE TO THE OWNER.
- ALL ITEMS SHALL INCLUDE ALL THE NECESSARY MATERIALS AND LABOR TO COMPLETE THE ITEM IN PLACE. MATERIALS AND LABOR NOT SPECIFICALLY IDENTIFIED SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
- AT THE END OF EACH DAY, THE CONTRACTOR SHALL SECURE THE CONSTRUCTION WORK ZONE FROM POTENTIAL INTRUDERS.
- THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATIONS OF THE BENCHMARKS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL ALSO FIELD VERIFY LOCATION, ELEVATION AND SIZE OF EXISTING UTILITIES, AND VERIFY PAVEMENT ELEVATIONS WHERE MATCHING INTO EXISTING WORK. THE CONTRACTOR SHALL FIELD VERIFY HORIZONTAL CONTROL BY REFERENCING SHOWN COORDINATES TO KNOWN PROPERTY LINES. NOTIFY ENGINEER OF DISCREPANCIES IN EITHER VERTICAL OR HORIZONTAL CONTROL PRIOR TO PROCEEDING WITH WORK.
- THE CONTRACTOR SHALL CONTACT THE ENGINEER OF ANY ERRORS OR DISCREPANCIES WHICH MAY BE SUSPECTED IN LINES AND GRADES, AND SHALL NOT PROCEED WITH THE WORK UNTIL ALL LINES AND GRADES WHICH ARE BELIEVED TO BE IN ERROR HAVE BEEN VERIFIED OR CORRECTED BY THE ENGINEER OR HIS REPRESENTATIVE.
- THE ENGINEER AND OWNER ARE NOT RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCE OR PROCEDURES, TIME OF PERFORMANCE, PROGRAMS OR ANY SAFETY PRECAUTIONS USED BY THE CONTRACTOR. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXECUTION OF THEIR WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS.
- ALL ITEMS TO BE REMOVED AND NOT DEFINED AS A PAY ITEM SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
- ALL EXCESS EARTH EXCAVATION, EXCESS MATERIALS, OR OTHER REMOVED ITEMS SHALL BE HAULED OFF-SITE AT THE CONTRACTOR'S EXPENSE, UNLESS OTHERWISE APPROVED BY THE OWNER.
- THIS WORK SHALL BE IN ACCORDANCE WITH SECTION 201 OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL OBSTRUCTIONS, TREES, DEBRIS AND BRUSH AS DESIGNATED BY THE OWNER AND AS INDICATED ON THE PLANS. ALL MATERIALS SHALL BE DISPOSED OF AT THE CONTRACTOR'S EXPENSE. DURING CONSTRUCTION, CARE SHALL BE TAKEN TO MINIMIZE DAMAGE TO THE EXISTING TREES AND LANDSCAPING. ONLY THOSE ITEMS DESIGNATED BY THE OWNER SHALL BE REMOVED.
- ALL ROADWAY REMOVAL ITEMS SHALL CONFORM TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION. ALL JOINTS BETWEEN THE PORTION REMOVED AND THAT LEFT IN PLACE SHALL BE SAWED TO SUCH A DEPTH THAT A CLEAN, NEAT EDGE WILL RESULT WITH NO SPALLING TO THE REMAINING PORTION. THE COST OF SAWING SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. ADDITIONAL SAWING OR RE-SAWING MAY BE REQUIRED AS DIRECTED BY THE ENGINEER WITH NO ADDITIONAL COMPENSATION BEING ALLOWED. THE COST OF SAWCUTTING THE EXISTING PAVEMENT SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

**GENERAL NOTES**

- WHEN ARTIFICIAL LIGHTING IS UTILIZED DURING NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC, AS WELL AS ADJOINING RESIDENTIAL AREAS.
- THE CONTRACTOR IS REQUIRED TO STAY WITHIN THE NOTED PROPERTY BOUNDARIES RIGHT-OF-WAY AND EASEMENTS AS SHOWN IN THE PLANS. ANY ADDITIONAL EASEMENTS SHALL BE SECURED BY THE CONTRACTOR AT NO EXTRA COST TO THE CONTRACT.
- ANY AREAS DAMAGED OR DISTURBED DURING THE PROJECT AS A DIRECT OR INDIRECT RESULT OF CONTRACTOR OPERATIONS, SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THE ORIGINAL CONDITION. THE COST OF SAID RESTORATION OR REPAIR SHALL BE BORNE TOTALLY BY THE CONTRACTOR, WITH NO EXTRA COMPENSATION BEING AWARDED UNDER THIS CONTRACT. THE RESPONSIBILITY FOR THE REPAIR OR REPLACEMENT OF ANY UTILITY, STRUCTURE, LANDSCAPING, ETC., DAMAGED OR DESTROYED BY THE CONTRACTOR DURING MOBILIZATION OR CONSTRUCTION SHALL BE BORNE SOLELY BY THE CONTRACTOR, WITH NO EXPENSE BEING CHARGED TO THE ENGINEER OR OWNER. PRIOR TO ACCEPTANCE OF THIS REPAIR OR REPLACEMENT, THE CONTRACTOR SHALL PRESENT THE OWNER WITH A "SIGNOFF LETTER", SIGNED BY A RESPONSIBLE OFFICIAL OF THE OWNER OF THE DAMAGED UTILITY STATING THAT THE REPAIR OR REPLACEMENT IS ACCEPTABLE.
- CONTRACTOR SHALL TAKE SPECIAL CARE TO THE PARKWAY DURING REMOVALS. ANY DAMAGE DONE TO SPRINKLER SYSTEMS OR INVISIBLE FENCING SHALL BE TO RESPONSIBILITY OF THE CONTRACTOR AND NO ADDITIONAL PAYMENT WILL BE MADE.

**CONSTRUCTION STAKING**

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR STAKING THE PROPOSED IMPROVEMENTS AND SHALL INCLUDE THE COST OF STAKING IN THEIR QUOTE. CONTROL POINTS ARE INDICATED ON THE PLANS.

**EROSION CONTROL NOTES**

- THIS WORK SHALL CONFORM TO THE APPLICABLE STANDARDS FROM THE ILLINOIS URBAN MANUAL, THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION, CURRENT EDITION, THE PROJECT SPECIFICATIONS, AND THE APPROPRIATE DETAILS.
- A NOTICE OF INTENT (NOI) AND A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) WILL BE COMPLETED AND SUBMITTED TO THE ILLINOIS EPA BY THE OWNER PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL MAINTAIN ONE COPY OF THE SWPPP AT THE CONSTRUCTION SITE AT ALL TIMES DURING WORKING HOURS FROM THE DATE OF PROJECT INITIATION TO THE DATE OF FINAL STABILIZATION.
- THE CONTRACTOR SHALL LEGIBLY MARK ANY CHANGES OR REVISIONS IMPLEMENTED TO THE SWPPP. AT COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL DELIVER THE SWPPP (INCLUDING ALL REVISIONS, RECORDS, AND INSPECTION REPORTS) TO THE OWNER.
- THE GENERAL CONTRACTOR AND ANY SUBCONTRACTOR RESPONSIBLE FOR SEDIMENT AND EROSION CONTROL MEASURES OR CONSTRUCTION ACTIVITIES THAT DISTURB SITE SOIL WILL BE REQUIRED TO CERTIFY THE SWPPP BEFORE A NOTICE TO PROCEED IS ISSUED.
- A COPY OF THE LETTER OF NOTIFICATION OF COVERAGE, AND THE GENERAL NPDES PERMIT NO. ILR10 MUST BE POSTED IN A PROMINENT PLACE FOR PUBLIC VIEWING AT THE CONSTRUCTION SITE BY THE GENERAL CONTRACTOR.
- THE CONTRACTOR SHALL IMPLEMENT THE EROSION AND SEDIMENT CONTROL MEASURES AS INDICATED ON THESE EROSION CONTROL PLANS AND IN THE SWPPP BEFORE CONSTRUCTION BEGINS.
- THE CONTROLS SHALL BE INSTALLED AS DETAILED AND WHERE INDICATED ON THE EROSION CONTROL PLAN SHEETS AND AS DIRECTED BY THE INSPECTOR.
- SITE ACTIVITIES SHOULD ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE PRACTICABLE.
- EXCEPT AS PROVIDED IN THE SWPPP, DISTURBED PORTIONS OF THE SITE SHALL BE STABILIZED (TEMPORARILY OR PERMANENTLY SEEDED, MULCHED, SODDED OR PAVED) AS SOON AS PRACTICABLE, BUT IN NO CASE MORE THAN 7 CALENDAR DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.
- UNTIL SUCH TIME AS THE PROJECT SITE REACHES FINAL STABILIZATION AND A NOTICE OF TERMINATION IS FILED BY THE OWNER, THE CONTRACTOR SHALL BE RESPONSIBLE TO ADJUST, REPAIR, OR REPLACE, ALL VEGETATION, EROSION CONTROLS, SEDIMENT CONTROLS, AND ANY OTHER PROTECTIVE MEASURES AS REQUIRED IN ORDER TO MAINTAIN THEIR INTENDED FUNCTION IN A GOOD AND EFFECTIVE OPERATING CONDITION.
- EXCEPT FOR FLOWS FROM FIRE FIGHTING ACTIVITIES, SOURCES OF NON-STORM WATER EXPECTED DURING THE CONSTRUCTION PROCESS THAT MAY BE COMBINED WITH STORM WATER DISCHARGES ARE IDENTIFIED IN THE SWPPP. THESE DISCHARGES SHALL BE DIRECTED AWAY FROM UNPROTECTED, BARE, OR OTHERWISE UNSTABILIZED SOIL, AND APPROPRIATE POLLUTION PREVENTION MEASURES SHALL BE IMPLEMENTED SO THAT THESE DISCHARGES DO NOT CAUSE EROSION OR DEGRADE THE QUALITY OF RUNOFF FROM THE CONSTRUCTION SITE.
- REGULAR INSPECTIONS WILL BE MADE AS REQUIRED UNDER THE GENERAL NPDES PERMIT NO. ILR10 AND SPECIFIED IN THE SWPPP. A QUALIFIED INSPECTOR WILL BE PROVIDED BY THE OWNER. BASED ON THE RESULTS OF THE INSPECTIONS, POLLUTION PREVENTION MEASURES SHALL BE REVISED AS APPROPRIATE AS SOON AS PRACTICABLE AFTER EACH INSPECTION. SUCH REVISIONS SHALL BE IMPLEMENTED WITHIN 7 CALENDAR DAYS FOLLOWING EACH INSPECTION.
- THE INSPECTOR SHALL HAVE AUTHORIZATION TO DETERMINE THE ADEQUACY OF THE CONTRACTOR'S EROSION CONTROL EFFORTS. THE OWNER OR THE INSPECTOR SHALL HAVE FULL AUTHORITY OVER THE GENERAL CONTRACTOR AND ANY SUBCONTRACTOR TO CAUSE POLLUTANT CONTROL MEASURES TO BE REPAIRED, MODIFIED, MAINTAINED, SUPPLEMENTED, OR WHATEVER ELSE IS NECESSARY IN ORDER TO ACHIEVE EFFECTIVE POLLUTANT CONTROL OR TO SUSPEND OR LIMIT THE CONTRACTOR'S OPERATIONS PENDING ADEQUATE PERFORMANCE.
- PERIMETER EROSION BARRIER TO BE CONSTRUCTED OF SILT FENCE UNLESS NOTED OTHERWISE.
- A TEMPORARY CONCRETE WASHOUT FACILITY SHALL BE CONSTRUCTED AT A LOCATION APPROVED BY THE ENGINEER. WASHOUT FACILITY SHALL BE UTILIZED FOR ALL APPLICABLE OPERATIONS.
- STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED, TO THE DIMENSIONS AS SHOWN, AT APPROVED LOCATIONS FOR THIS PROJECT. ALL CONSTRUCTION TRAFFIC MUST UTILIZE THE STABILIZED CONSTRUCTION ENTRANCES WHEN EXITING THE SITE. ALL COST FOR EROSION CONTROL AND RESTORATION WORK ASSOCIATED WITH THE APPROVED STABILIZED CONSTRUCTION ENTRANCES SHALL BE CONSIDERED INCIDENTAL TO THE APPLICABLE PAY ITEMS.
- TEMPORARY EROSION CONTROL MEASURES INCLUDE TEMPORARY DITCH CHECKS, PERIMETER EROSION BARRIER, INLET AND PIPE PROTECTION, TEMPORARY SEEDING, AND ANY OTHER TEMPORARY EROSION CONTROL MEASURE NEEDED TO LIMIT THE AMOUNT OF SOIL EROSION AND SEDIMENTATION DURING CONSTRUCTION.
- AT THE COMPLETION OF THE PROJECT, ALL TEMPORARY EROSION CONTROL ITEMS SHALL BE REMOVED FROM THE SITE, AND BECOME THE PROPERTY OF THE CONTRACTOR. CONTRACTOR MUST STABILIZE ANY AREA DISTURBED BY THE REMOVAL OF EROSION CONTROL ITEMS.
- CONTRACTOR SHALL CLEAN ANY DEBRIS TRACKED OFFSITE DAILY.

**SEEDING OF DISTURBED AREAS**

- THE FINAL TOP 6" INCHES OF SOIL IN ANY DISTURBANCE AREA MUST BE A COHESIVE SOIL CAPABLE OF SUPPORTING VEGETATION.
- FERTILIZER HAVING AN ANALYSIS OF 10-10-10 SHALL BE APPLIED AT A RATE OF 90 LBS/ACRE TO ALL DISTURBED AREAS AND INCORPORATED INTO THE SEEDBED PRIOR TO SOWING THE SEED.
- THE CONTRACTOR SHALL SEED AND STABILIZE ALL DISTURBED AREAS ADJACENT TO IMPROVEMENTS WITH SEEDING, IDOT CLASS 1A AND EROSION CONTROL BLANKET IN ACCORDANCE WITH IDOT STANDARD SPECIFICATION OR AS APPROVED BY THE ENGINEER.
- GUARANTEE: ALL SEEDED AREAS SHALL BE MAINTAINED AND MOWED FOR AT LEAST 30 DAYS AFTER GERMINATION. SCATTERED BARE SPOTS NO LARGER THAN TWO SQUARE FOOT WILL BE ALLOWED UP TO A MAXIMUM OF 5% OF ANY SEEDED AREA INCLUDING 30-DAY MAINTENANCE, MOWING AND WATERING AS NECESSARY.
- THIS WORK SHALL CONFORM TO THE APPLICABLE STANDARDS FROM THE ILLINOIS URBAN MANUAL, THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION SECTIONS, CURRENT EDITION, THE PROJECT SPECIFICATIONS, AND THE APPROPRIATE DETAILS.
- RESTORATION - THE CONTRACTOR SHALL RESTORE ALL AREAS DISTURBED DURING CONSTRUCTION OF THE IMPROVEMENTS AND RELATED APPURTENANCES OR AS PART OF ANY OF THEIR ACTIVITIES TO A CONDITION EQUAL TO OR BETTER THAN THE ORIGINAL CONDITION.

**SANITARY SEWER**

- AN OWNER REPRESENTATIVE SHALL BE PRESENT DURING CONSTRUCTION OF SANITARY SEWERS AND SERVICES. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE DESIGNATED REPRESENTATIVE A MINIMUM OF 48 HOURS IN ADVANCE OF SAID CONSTRUCTION. CONTRACTOR SHALL NOTIFY FOUR RIVERS SANITATION AUTHORITY (FRSA) SURVEY AND FIELD OPERATIONS MANAGER, BEN CHRISTIANSEN, AT 815-209-7952, INCLUDING WORK THAT WILL BE PERFORMED BENEATH SANITARY SEWERS OR WORK THAT WILL BE PERFORMED ABOVE SANITARY SEWERS WITH LESS THAN 18 INCHES OF VERTICAL SEPARATION.
- IF EXISTING SANITARY MANHOLES TO BE ADJUSTED DO NOT HAVE STANDARD NEENAH R-1670-0358 LIDS, OR IF THE FRAMES OR LIDS ARE IN POOR CONDITION, THE FOUR RIVERS SANITATION AUTHORITY COLLECTION SYSTEMS DEPARTMENT SHALL BE CONTACTED PRIOR TO ADJUSTMENT FOR REPLACEMENT FRAMES AND LIDS. FRSA WILL FURNISH THE NEW FRAMES AND LIDS. CONTACT BRIAN MARKGRAF AT 815-543-3470 TO COORDINATE THE EXCHANGE OF FRAMES AND LIDS. THE CONTRACTOR IS RESPONSIBLE FOR EXCHANGING THE OLD FRAMES AND LIDS AND INSTALLING THE NEW ONES. SANITARY MANHOLES SHALL BE ADJUSTED PER FOUR RIVERS SANITATION AUTHORITY STANDARDS.

THE FOLLOWING HMA MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT.

| LOCATION(S):                             | PARKVIEW DR & SPRING CREEK RD   |              |              |              |
|--|---------------------------------|--------------|--------------|--------------|
| MIX USE(S):                              | SURFACE                         | UPPER BINDER | LOWER BINDER | INCIDENTAL   |
| PG:                                      | SBS PG 70-28                    | SBS PG 70-28 | PG 64-22     | SBS PG 70-28 |
| DESIGN AIR VOIDS:                        | 4.0% @ N70                      | 4.0% @ N70   | 4.0% @ N70   | 4.0% @ N50   |
| MIXTURE COMPOSITION: (MIXTURE GRADATION) | IL 9.5                          | IL 19.0      | IL 19.0      | IL 9.5       |
| FRICTION AGGREGATE:                      | "D"                             | N/A          | N/A          | "D"          |
| MIXTURE WEIGHT:                          | 112 lb/sy/in                    | N/A          | N/A          | 112 lb/sy/in |
| QUALITY MANAGEMENT PROGRAM:              | QC/QA                           | QC/QA        | QC/QA        | QC/QA        |
|  | QCQA, NUCLEAR GAUGE FOR DENSITY |              |              |              |
| NUMBER OF ROLLER PASSES:                 | N/A                             |              |              |              |

1/ WHEN A NUMBER OF ROLLER PASSES IS SPECIFIED, THE CONTRACTOR MAY OPT TO USE INTELLIGENT COMPACTION IN LIEU OF DENSITY TESTING UNDER THE QUALITY CONTROL FOR PERFORMANCE (QCP) PROGRAM.

**HMA MIXTURE REQUIREMENTS TABLE**



ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
CITY OF ROCKFORD  
425 EAST STATE STREET  
ROCKFORD, IL 61104

PROJECT AND LOCATION:  
PARKVIEW AVENUE  
ROCKFORD, ILLINOIS

DRAWN BY: BF  
APPROVED BY: WK  
DATE: 2/8/23  
SCALE: AS NOTED

| REVISIONS |             |      |
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| REV. NO.  | DESCRIPTION | DATE |
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DRAWING:  
**GENERAL NOTES**

SET TYPE:  
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JOB NUMBER:  
**20-394A**

SHEET NUMBER:  
**2 of 49**

**STORM SEWER**

1. ALL EXISTING MANHOLE CONNECTIONS MUST BE CORE-DRILLED, UNLESS A PRE-CORED HOLE, SUITABLY LOCATED, EXISTS IN THE MANHOLE.
2. THE LENGTH OF FLARED END SECTIONS IS NOT INCLUDED IN THE INDICATED PIPE LENGTH. HOWEVER, THE ENTIRE LENGTH OF THE FLARED END SECTION IS TAKEN INTO ACCOUNT FOR THE INDICATED SLOPE AND INVERT GRADES.
3. CONTRACTOR SHALL FURNISH ALL PIPE BEDDING. PIPE BEDDING MATERIAL SHALL BE AS SHOWN IN THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", CURRENT EDITION. COST SHALL BE INCLUDED IN UNIT PRICE OF PIPE.
4. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING STORM SEWER ELEVATIONS THAT PROJECT CONNECTS TO.

**MATERIAL AND COMPACTION TESTING**

1. A GEOTECHNICAL REPRESENTATIVE WILL BE PROVIDED AND PAID FOR BY THE OWNER FOR ANY REQUIRED TESTING. THE CONTRACTOR IS RESPONSIBLE TO FOLLOW AND MEET GUIDELINES SET BY THE GEOTECHNICAL REPRESENTATIVE.

**UTILITIES**

1. UTILITIES SHOWN ON THE PLANS ARE FOR ILLUSTRATIVE PURPOSES ONLY AND NO GUARANTEE OF THEIR ACCURACY IS MADE OR INFERRED. THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THE DRAWINGS REPRESENT DATA RECEIVED FROM VARIOUS SOURCES. IT IS NOT GUARANTEED TO BE CORRECT OR ALL-INCLUSIVE. THE CONTRACTOR SHALL CONDUCT HIS OWN INVESTIGATION INTO THE LOCATION, SIZE, DEPTH AND NATURE OF ANY AND ALL EXISTING UTILITIES THAT MAY INTERFERE WITH THE WORK UNDER THIS CONTRACT. ANY EXISTING UTILITIES THAT ARE TO REMAIN IN SERVICE SHALL BE FULLY PROTECTED BY THE CONTRACTOR AND ANY DAMAGE CAUSED BY THE CONSTRUCTION OPERATIONS SHALL BE IMMEDIATELY REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER OR THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ANY AND ALL UTILITY COMPANIES REGARDING ADJUSTMENTS NECESSARY. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE AND CONSIDERED INCIDENTAL TO THE PROJECT COST. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND, OVERHEAD, OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER OR THE OWNER OR REPLACED. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.
2. THE CONTRACTOR MUST VERIFY AND LOCATE ALL EXISTING UTILITIES ON OR ADJACENT TO THE SITE. PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES, CONTACT J.U.L.I.E. AT 1-800-892-0123 (OR 811) FOR EXACT FIELD LOCATION OF UTILITIES, DAMAGE, AND THE COST THEREOF, TO ANY AND ALL UTILITIES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. ANY AND ALL EXISTING UTILITIES SHOWN HEREON ARE APPROXIMATE. THE ENGINEER AND SURVEYOR ASSUMES NO RESPONSIBILITY FOR THE LOCATION OF THE EXISTING UTILITIES SHOWN HEREON.
3. IF THERE ARE ANY UTILITIES WHICH ARE NOT MEMBERS OF THE J.U.L.I.E. SYSTEM, THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DETERMINING THIS AND REQUESTING SAID UTILITIES TO FIELD VERIFY AND MARK PERTINENT UTILITY LOCATIONS.
4. THE UTILITY LOCATIONS, DEPTHS, ETC. SHOWN ON THESE PLANS ARE APPROXIMATE ONLY, AND SHALL BE VERIFIED BY THE CONTRACTOR WITH ALL AFFECTED UTILITY COMPANIES PRIOR TO INITIATING CONSTRUCTION OPERATIONS; THE ENGINEER AND OWNER ASSUME NO RESPONSIBILITY FOR THE ADEQUACY, SUFFICIENCY OR EXACTNESS OF THESE UTILITY REPRESENTATIONS.
5. THE CONTRACTOR SHALL CONTACT THE NECESSARY UTILITY COMPANIES FOR ANY UTILITY RELOCATIONS..
6. TRENCH BACKFILL SHALL BE FILL MATERIAL TYPE A (GRAVEL OR CA6 CRUSHED STONE.) OR TYPE C (SAND FA-1 OR SAND FA-2) IN ACCORDANCE WITH AASHTO T27 GUIDELINES AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR WATER & SEWER CONSTRUCTION IN ILLINOIS", CURRENT EDITION. COST SHALL BE INCLUDED IN UNIT PRICE OF PIPE.
7. TRENCH BACKFILL SHALL BE USED IN LOCATIONS WHERE THERE IS AN EXISTING OR PROPOSED PERMANENT SURFACE.
8. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION OR HAVE THE POTENTIAL FOR CREATING FUTURE PROBLEMS SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE PROJECT AT AN APPROVED LOCATION OBTAINED BY THE CONTRACTOR, ACCORDING TO THE "STANDARD SPECIFICATIONS FOR WATER & SEWER CONSTRUCTION IN ILLINOIS", CURRENT EDITION, AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
9. ANY AND ALL FIELD TILES AND/OR STORM SEWERS DAMAGED OR ENCOUNTERED DURING THE CONSTRUCTION ACTIVITIES SHALL BE REPAIRED, REPLACED AND/OR CONNECTED IMMEDIATELY BY THE CONTRACTOR. COST FOR REPAIRS, REPLACEMENT, AND/OR CONNECTION SHALL BE INCIDENTAL TO THE VARIOUS CONTRACT ITEMS.

**TRAFFIC CONTROL**

1. THE CONTRACTOR SHALL PROVIDE, INSTALL AND MAINTAIN ALL TRAFFIC CONTROL ITEMS NECESSARY FOR THE CONSTRUCTION OF ITEMS WITH IN THE ROAD RIGHT-OF-WAY. ALL WORK PERFORMED SHALL HAVE TRAFFIC CONTROL IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AND OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION.
2. ALL TRAFFIC CONTROL DEVICES USED FOR THE MAINTENANCE OF TRAFFIC SHALL BE REFLECTORIZED PRIOR TO INSTALLATION AND CLEANED AS NECESSARY THROUGHOUT THE DURATION OF THE CONTRACT. ALL SIGNS SHALL BE FURNISHED, INSTALLED AND MAINTAINED BY THE CONTRACTOR. PAYMENT SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
3. TRAFFIC CONDITIONS, ACCIDENTS, AND OTHER UNFORESEEN CONDITIONS MAY REQUIRE THE ENGINEER TO MODIFY THE LOCATION OF THE TRAFFIC CONTROL DEVICES. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY. THE CONTRACTOR SHALL RESPOND WITHIN 30 MINUTES FROM THE TIME OF NOTIFICATION BY THE ENGINEER TO ANY REQUEST MADE BY THE ENGINEER FOR CORRECTION, IMPROVEMENT OR MODIFICATION OF THE MAINTENANCE OF TRAFFIC CONTROL DEVICES. DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT ADJACENT TRAFFIC LANES OPEN TO TRAFFIC FROM DEBRIS BEING BLOWN OR OTHERWISE REMOVED FROM THE CONSTRUCTION AREAS. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR KEEPING DEBRIS OFF THE ADJACENT TRAVELED LANE SURFACE. COST INCIDENTAL TO THE PROJECT.
4. THE CONTRACTOR SHALL SUBMIT MAINTENANCE OF TRAFFIC AND STAGING OF CONSTRUCTION PLANS FOR APPROVAL BY THE ENGINEER PRIOR TO COMMENCING WORK.
5. THE CONTRACTOR SHALL PERFORM THE WORK UNDER STAGE CONSTRUCTION. IN THE EVENT THAT THE CONTRACTOR WILL NEED TO CLOSE PUBLIC ROADS, CONTRACTOR SHALL SUBMIT PROPOSED DETOUR ROUTE AND ASSOCIATED SIGNAGE TO THE ENGINEER PRIOR TO COMMENCING WORK.
6. TRAFFIC CONTROL DEVICES, STREET NAME SIGNS, AND PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF ROCKFORD ORDINANCES AND THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES". LOCATIONS OF SIGNS AND MARKINGS SHALL BE SPECIFIED BY THE PLANS, AND/OR AS DIRECTED BY THE ENGINEER.
7. PROVIDE TO THE ENGINEER AND THE OWNER THE NAME AND PHONE NUMBER OF INDIVIDUALS RESPONSIBLE FOR MAINTAINING TRAFFIC CONTROL MEASURES DURING CONSTRUCTION. THIS INDIVIDUAL SHALL BE AVAILABLE TO CORRECT TRAFFIC CONTROL PROBLEMS 24 HOURS PER DAY.
8. THE CONTRACTOR SHALL NOTIFY THE POST OFFICE, POLICE DEPARTMENT, FIRE DEPARTMENT, 911 DISPATCH CENTER, ILLINOIS DEPARTMENT OF TRANSPORTATION, STATE POLICE, APPROPRIATE SCHOOL DISTRICT AND THE LOCAL AGENCY A MINIMUM OF 5 DAYS PRIOR TO CLOSING ANY PORTION OF THE STREET OR ALLEY.

**SUBGRADES, SUBBASES, AND BASE COURSES**

1. PRIOR TO ANY EMBANKMENT OR ROAD BASE BEING PLACED, SHOULD IT BE DETERMINED BY THE ENGINEER THAT THE SUBGRADE MATERIAL IS UNSUITABLE ON WHICH TO CONSTRUCT THE ROADWAY STRUCTURE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING THE UNSUITABLE MATERIAL TO THE SATISFACTION OF THE ENGINEER AND REPLACING SAME WITH STABILIZING SUBBASE CONSISTING OF SUBBASE GRANULAR MATERIAL, TYPE B IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION. TO HELP MINIMIZE THE AMOUNT OF SUBBASE MATERIAL INSTALLED FOR GROUND STABILIZATION, GEOTECHNICAL FABRIC MAY BE INSTALLED AS APPROVED BY THE ENGINEER. FABRIC SHALL BE INSTALLED IN ACCORDANCE WITH ARTICLE 210 OF THE IDOT STANDARD SPECIFICATIONS. THE COARSE AGGREGATE SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR SUBBASE GRANULAR MATERIAL, TYPE B. THE EXCAVATION AND DISPOSAL OF THE UNSUITABLE MATERIAL SHALL BE CONSIDERED INCIDENTAL TO SUBBASE GRANULAR MATERIAL, TYPE B. STABILIZING FABRIC SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR GEOTECHNICAL FABRIC FOR GROUND STABILIZATION ACCORDING TO SECTION 109.04.

**EXCAVATION/EARTHWORK**

1. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATION NEAR ANY AND ALL EXISTING ITEMS WHICH ARE NOT INDICATED TO BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT NO ADDITIONAL EXPENSE TO THE OWNER.
2. PRIOR TO STARTING EARTHWORK OR UTILITY TRENCHING, THE CONTRACTOR SHALL STRIP THE SITE OF TOPSOIL TO A DEPTH OF 6" AND TO THE LIMITS APPROVED BY THE ENGINEER. THIS MATERIAL SHALL BE STOCKPILED IN A REMOTE LOCATION OF THE SITE (APPROVED BY THE ENGINEER) UNTIL THE PLAN IMPROVEMENTS ARE COMPLETED AND THE EXCESS MATERIAL SPREAD AS DIRECTED. IT SHALL THEN BE THE RESPONSIBILITY OF THE CONTRACTOR TO SPREAD THIS TOPSOIL MATERIAL IN AREAS OF THE SITE, OVER AREAS WHERE EXCESS EXCAVATED MATERIAL, SAND, GRAVEL HAS BEEN SPREAD OR IN OTHER AREAS AS DESIGNATED BY THE ENGINEER. THE MATERIAL SHALL THEN BE COMPACTED TO A MINIMAL DEPTH OF 6" AND FINE GRADED IN A MANNER ACCEPTABLE TO THE ENGINEER. THIS WORK SHALL BE IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION.
3. CLEAN CONSTRUCTION OR DEMOLITION DEBRIS (CCDD) REQUIREMENTS--"THE CONTRACTOR IS RESPONSIBLE FOR THE ASSESSMENT AND PROPER DISPOSAL OF ALL EXCESS SOIL AND SUBSURFACE MATERIALS THAT ARE NOT ABLE TO BE RE-USED ON THE PROJECT SITE AS SUITABLE CLEAN FILL. CONTRACTOR RESPONSIBILITY'S SHALL INCLUDE ALL REQUIRED SOIL SAMPLING, LABORATORY ANALYSIS, DISPOSAL PROFILING FEES, TRANSPORTATION, AND DISPOSAL TIPPING FEES AND SURCHARGES."
4. ROCK IS NOT ANTICIPATED TO BE ENCOUNTERED.
5. ALL EXCAVATIONS FOR STRUCTURES AND PIPE SHALL BE KEPT DEWATERED DURING CONSTRUCTION UNTIL BACKFILL IS IN PLACE. DURING DEWATERING OPERATIONS, WATER SHALL BE PUMPED INTO SEDIMENT BASINS OR SILT TRAPS. (COST INCIDENTAL)
6. EARTH EXCAVATION SHALL CONFORM TO SECTION 202 OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION. THIS WORK SHALL INCLUDE THE EXCAVATION OF ALL MATERIALS TO DESIGN SUBGRADE ELEVATIONS INDICATED IN THE PLANS.
7. SHEETING AND SHORING SHALL BE CONSIDERED INCIDENTAL TO CONTRACT IF REQUIRED.
8. WHENEVER THE CONTRACTOR WORKS NEAR EXISTING FACILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS DURING TRENCHING OPERATIONS, HE WILL BE REQUIRED TO HAND TRENCH IN THAT AREA IN ORDER NOT TO DAMAGE THESE FACILITIES. PUSH HOLES AND SEARCH HOLES THAT ARE DUG BY THE CONTRACTOR SHALL BE BACKFILLED BY TAMPING THE EXCAVATED MATERIAL BACK IN PLACE TO KEEP SETTLEMENT TO A MINIMUM. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
9. EMBANKMENT WORK SHALL CONSIST OF THE CONSTRUCTION OF EMBANKMENTS BY DEPOSITING, PLACING AND COMPACTING EARTH, STONE, GRAVEL OR OTHER MATERIALS OF ACCEPTABLE QUALITY ABOVE THE NATURAL GROUND OR OTHER SURFACE IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION.
10. IF SUFFICIENT TOPSOIL IS NOT PRESENT, THE CONTRACTOR SHALL SPREAD FURNISHED TOPSOIL SO AS TO MEET THE REQUIREMENTS OF THE CONTRACT. FURNISHED TOPSOIL SHALL ONLY BE USED WITH APPROVAL BY THE ENGINEER. THIS FURNISHED TOPSOIL SHALL BE PAID FOR AS FURNISHED TOPSOIL IN PLACE, DEPTH SPECIFIED.
11. IN PROPOSED FILL AREAS FOR PAVEMENT AND EMBANKMENT, TOPSOIL AND TURF SHALL BE SCARIFIED AND REMOVED PRIOR TO CONSTRUCTING THE EMBANKMENT.

**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
CITY OF ROCKFORD  
425 EAST STATE STREET  
ROCKFORD, IL 61104

PROJECT AND LOCATION:  
PARKVIEW AVENUE  
ROCKFORD, ILLINOIS

DRAWN BY: BF  
APPROVED BY: WK  
DATE: 2/8/23  
SCALE: AS NOTED

| REVISIONS |             |      |
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| REV. NO.  | DESCRIPTION | DATE |
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DRAWING:  
**GENERAL NOTES**

SET TYPE:  
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JOB NUMBER:  
**20-394A**

SHEET NUMBER:  
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ABBREVIATIONS

Table of abbreviations for civil engineering terms, including symbols for various materials, structures, and surveying points.

Table of abbreviations for materials and construction terms, including symbols for different types of pipes, valves, and structural elements.

HATCH PATTERNS table listing symbols for various materials like earth fill, brick, steel, insulation, wood, concrete, and asphalt.

SYMBOLS

Table of symbols for civil engineering, categorized into CIVIL, SANITARY SEWER, and MISC. It includes symbols for property lines, easements, sewer lines, and various structures.

Table of symbols for water and storm sewer systems, categorized into WATER and STORM SEWER. It includes symbols for water service, pipes, valves, manholes, and culverts.

Table of symbols for utility and traffic-related elements, categorized into UTILITY and TRAFFIC RELATED. It includes symbols for fiber optic lines, electric lines, telephone lines, and various traffic signs and signals.

FEHR GRAHAM ENGINEERING & ENVIRONMENTAL logo and contact information for Illinois, Iowa, and Wisconsin.

OWNER/DEVELOPER: CITY OF ROCKFORD, 425 EAST STATE STREET, ROCKFORD, IL 61104

PROJECT AND LOCATION: PARKVIEW AVENUE, ROCKFORD, ILLINOIS

DRAWN BY: BF, APPROVED BY: WK, DATE: 2/8/23, SCALE: AS NOTED

Table with 3 columns: REV. NO., DESCRIPTION, DATE. Used for tracking project revisions.

DRAWING: STANDARD LEGEND, SET TYPE: G:\C30\20\20-394\Plans\20-394 Plans.dwg, Legend

JOB NUMBER: 20-394A, SHEET NUMBER: 4 of 49

SUMMARY OF QUANTITIES  
CONSTRUCTION TYPE CODE: 0028

SUMMARY OF QUANTITIES  
CONSTRUCTION TYPE CODE: 0028

CONTRACT NUMBER  
85727

| PAY CODE   | DESCRIPTION  | UNIT  | QUANTITY |
|------------|--|-------|----------|
| * 20100110 | TREE REMOVAL (6 TO 15 UNITS DIAMETER)                            | UNIT  | 24       |
| * 20100210 | TREE REMOVAL (OVER 15 UNITS DIAMETER)                            | UNIT  | 33       |
| 20200100   | EARTH EXCAVATION   | CU YD | 145      |
| 21001000   | GEOTECHNICAL FABRIC FOR GROUND STABILIZATION                     | SQ YD | 15       |
| 25100630   | EROSION CONTROL BLANKET  | SQ YD | 3,561    |
| 28000250   | TEMPORARY EROSION CONTROL SEEDING                                | POUND | 8        |
| 28000305   | TEMPORARY DITCH CHECKS   | FOOT  | 20       |
| 28000500   | INLET AND PIPE PROTECTION  | EACH  | 5        |
| 28000400   | PERIMETER EROSION BARRIER  | FOOT  | 1,247    |
| 28100107   | STONE RIPRAP, CLASS A4   | SQ YD | 16       |
| 28200200   | FILTER FABRIC  | SQ YD | 16       |
| 31101100   | SUBBASE GRANULAR MATERIAL, TYPE B                                | CU YD | 5        |
| 35101600   | AGGREGATE BASE COURSE, TYPE B 4"                                 | SQ YD | 458      |
| 35102000   | AGGREGATE BASE COURSE, TYPE B 8"                                 | SQ YD | 149      |
| 35102400   | AGGREGATE BASE COURSE, TYPE B 12"                                | SQ YD | 260      |
| 40600275   | BITUMINOUS MATERIALS (PRIME COAT)                                | POUND | 590      |
| 40600290   | BITUMINOUS MATERIALS (TACK COAT)                                 | POUND | 59       |
| 40603235   | POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70          | TON   | 89       |
| 40604162   | POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 | TON   | 30       |
| 40800050   | INCIDENTAL HOT-MIX ASPHALT SURFACING                             | TON   | 52       |
| 42300200   | PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH               | SQ YD | 458      |
| 42400100   | PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH                         | SQ FT | 8,486    |
| 42400800   | DETECTABLE WARNINGS  | SQ FT | 140      |
| 44000100   | PAVEMENT REMOVAL   | SQ YD | 263      |
| 44000200   | DRIVEWAY PAVEMENT REMOVAL  | SQ YD | 621      |
| 44000500   | COMBINATION CURB AND GUTTER REMOVAL                              | FOOT  | 482      |
| 52200800   | SEGMENTAL CONCRETE BLOCK WALL                                    | SQ FT | 366      |
| 54210190   | PIPE ELBOW, 30"  | EACH  | 2        |
| 54213675   | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"              | EACH  | 2        |
| 54260315   | TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION                  | FOOT  | 24       |
| 550A0140   | STORM SEWERS, CLASS A, TYPE 1 30"                                | FOOT  | 38       |
| 56109210   | WATER VALVES TO BE ADJUSTED                                      | EACH  | 1        |
| 56500600   | DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED                      | EACH  | 4        |
| 60262700   | INLETS TO BE RECONSTRUCTED                                       | EACH  | 1        |

\* SPECIALTY ITEMS

| PAY CODE   | DESCRIPTION   | UNIT   | QUANTITY |
|------------|---|--------|----------|
| 60610100   | COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.18 (MODIFIED)              | FOOT   | 482      |
| 67100100   | MOBILIZATION  | L SUM  | 1        |
| 70103815   | TRAFFIC CONTROL SURVEILLANCE  | CAL DA | 14       |
| * 78000100 | THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS                      | SQ FT  | 96       |
| * 78000400 | THERMOPLASTIC PAVEMENT MARKING - LINE 6"                                  | FOOT   | 425      |
| * 78000600 | THERMOPLASTIC PAVEMENT MARKING - LINE 12"                                 | FOOT   | 702      |
| * 78000650 | THERMOPLASTIC PAVEMENT MARKING - LINE 24"                                 | FOOT   | 115      |
| * 81028750 | UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.                | FOOT   | 29       |
| * 81028760 | UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2-1/2" DIA.            | FOOT   | 23       |
| * 81028770 | UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 3" DIA.                | FOOT   | 9        |
| * 81028790 | UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 4" DIA.                | FOOT   | 135      |
| * 81702110 | ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10                 | FOOT   | 472      |
| * 84200804 | REMOVAL OF POLE FOUNDATION  | EACH   | 1        |
| * 87300925 | ELECTRIC CABLE IN CONDUIT, TRACER, NO.14 1C                               | FOOT   | 647      |
| * 87301215 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO.14 2C                                | FOOT   | 1,113    |
| * 87301225 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO.14 3C                                | FOOT   | 1,175    |
| * 87301245 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO.14 5C                                | FOOT   | 229      |
| * 87301255 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C                               | FOOT   | 76       |
| * 87301732 | ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 20 3C                        | FOOT   | 215      |
| * 87301900 | ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C        | FOOT   | 246      |
| * 87500600 | TRAFFIC SIGNAL POST, 10 FT.   | EACH   | 1        |
| * 87600100 | PEDESTRIAN PUSH-BUTTON POST, TYPE I                                       | EACH   | 2        |
| * 87800100 | CONCRETE FOUNDATION, TYPE A   | FOOT   | 3        |
| * 87800415 | CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER                              | FOOT   | 13       |
| * 88102717 | PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER | EACH   | 6        |
| * 89501300 | RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE                              | EACH   | 1        |
| * 89502376 | REBUILD EXISTING HANDHOLE   | EACH   | 1        |
| X6026050   | SANITARY MANHOLES TO BE ADJUSTED  | EACH   | 1        |
| X6026056   | SANITARY MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID        | EACH   | 2        |
| X7010216   | TRAFFIC CONTROL AND PROTECTION, (SPECIAL)                                 | L SUM  | 1        |
| * X8760200 | ACCESSIBLE PEDESTRIAN SIGNALS   | EACH   | 6        |
| XX000970   | PARKWAY RESTORATION   | L SUM  | 1        |
| XX007759   | ADJUST SANITARY SEWER CLEANOUT  | EACH   | 12       |
| Z0013798   | CONSTRUCTION LAYOUT   | L SUM  | 1        |

\* SPECIALTY ITEMS

**FEHR GRAHAM**

ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
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425 EAST STATE STREET  
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PROJECT AND LOCATION:  
PARKVIEW AVENUE  
ROCKFORD, ILLINOIS

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DRAWING:  
SUMMARY OF QUANTITIES

SET TYPE:  
C:\C\20\20120-354\Plan\20-394 Plans.dwg, Summary Only

JOB NUMBER:  
20-394A

SHEET NUMBER:  
5 of 49

| PAY CODE | DESCRIPTION                           | QUANTITY |
|----------|---------------------------------------|----------|
| 20100110 | TREE REMOVAL (6 TO 15 UNITS DIAMETER) | UNIT     |
|          | STA 101+37 RT                         | 12       |
|          | STA 111+48 RT                         | 12       |
|          | TOTAL                                 | 24       |

| PAY CODE | DESCRIPTION                           | QUANTITY |
|----------|---------------------------------------|----------|
| 20100210 | TREE REMOVAL (OVER 15 UNITS DIAMETER) | UNIT     |
|          | STA 102+77 RT                         | 15       |
|          | STA 105+41 RT                         | 18       |
|          | TOTAL                                 | 33       |

| PAY CODE | DESCRIPTION      | QUANTITY |
|----------|------------------|----------|
| 20200100 | EARTH EXCAVATION | CU YD    |
|          | PROJECT          | 145      |
|          | TOTAL            | 145      |

| PAY CODE | DESCRIPTION                                  | QUANTITY |
|----------|--|----------|
| 21001000 | GEOTECHNICAL FABRIC FOR GROUND STABILIZATION | SQ YD    |
|          | PROJECT                                      | 15       |
|          | TOTAL  | 15       |

| PAY CODE | DESCRIPTION             | QUANTITY |
|----------|-------------------------|----------|
| 25100630 | EROSION CONTROL BLANKET | SQ YD    |
|          | PROJECT                 | 3561     |
|          | TOTAL                   | 3561     |

| PAY CODE | DESCRIPTION                       | QUANTITY |
|----------|-----------------------------------|----------|
| 28000250 | TEMPORARY EROSION CONTROL SEEDING | POUND    |
|          | PROJECT                           | 8        |
|          | TOTAL                             | 8        |

| PAY CODE | DESCRIPTION            | QUANTITY |
|----------|------------------------|----------|
| 28000305 | TEMPORARY DITCH CHECKS | FOOT     |
|          | STA 107+05 RT          | 10       |
|          | STA 107+05 RT          | 10       |
|          | TOTAL                  | 20       |

| PAY CODE | DESCRIPTION               | QUANTITY |
|----------|---------------------------|----------|
| 28000500 | INLET AND PIPE PROTECTION | EACH     |
|          | STA 107+00 RT             | 1        |
|          | STA 114+18 RT             | 1        |
|          | STA 1008+17 LT            | 1        |
|          | STA 1008+19 RT            | 1        |
|          | STA 1009+61 LT            | 1        |
|          | TOTAL                     | 5        |

| PAY CODE | DESCRIPTION                      | QUANTITY |
|----------|----------------------------------|----------|
| 28000400 | PERIMETER EROSION BARRIER        | FOOT     |
|          | STA 101+23 RT TO STA 101+79 RT   | 56       |
|          | STA 102+01 RT TO STA 102+52 RT   | 51       |
|          | STA 102+74 RT TO STA 103+96 RT   | 125      |
|          | STA 104+18 RT TO STA 104+84 RT   | 66       |
|          | STA 105+09 RT TO STA 105+74 RT   | 65       |
|          | STA 105+96 RT TO STA 106+50 RT   | 58       |
|          | STA 106+89 RT TO STA 107+81 RT   | 103      |
|          | STA 108+03 RT TO STA 108+58 RT   | 54       |
|          | STA 108+80 RT TO STA 109+22 RT   | 43       |
|          | STA 109+48 RT TO STA 109+97 RT   | 49       |
|          | STA 110+19 RT TO STA 110+69 RT   | 50       |
|          | STA 110+96 RT TO STA 111+51 RT   | 54       |
|          | STA 111+73 RT TO STA 112+45 RT   | 73       |
|          | STA 112+72 RT TO STA 114+34 RT   | 163      |
|          | STA 1009+21 RT TO STA 1109+44 RT | 36       |
|          | STA 1009+58 RT TO STA 1011+12 RT | 201      |
|          | TOTAL                            | 1247     |

| PAY CODE | DESCRIPTION            | QUANTITY |
|----------|------------------------|----------|
| 28100107 | STONE RIPRAP, CLASS A4 | SQ YD    |
|          | STA 107+06             | 16       |
|          | TOTAL                  | 16       |

| PAY CODE | DESCRIPTION   | QUANTITY |
|----------|---------------|----------|
| 28200200 | FILTER FABRIC | SQ YD    |
|          | PROJECT       | 16       |
|          | TOTAL         | 16       |

| PAY CODE | DESCRIPTION                       | QUANTITY |
|----------|-----------------------------------|----------|
| 31101100 | SUBBASE GRANULAR MATERIAL, TYPE B | CU YD    |
|          | PROJECT                           | 5        |
|          | TOTAL                             | 5        |

| PAY CODE | DESCRIPTION                      | QUANTITY |
|----------|----------------------------------|----------|
| 35101600 | AGGREGATE BASE COURSE, TYPE B 4" | SQ YD    |
|          | STA 101+90 RT                    | 60.5     |
|          | STA 102+63 RT                    | 34.5     |
|          | STA 104+07 RT                    | 15.4     |
|          | STA 104+96 RT                    | 49       |
|          | STA 105+85 RT                    | 23.3     |
|          | STA 106+64 RT                    | 52.8     |
|          | STA 107+92 RT                    | 16.3     |
|          | STA 108+69 RT                    | 26.8     |
|          | STA 109+33 RT                    | 30.9     |
|          | STA 110+08 RT                    | 36.3     |
|          | STA 110+82 RT                    | 56.7     |
|          | STA 111+62 RT                    | 36.6     |
|          | STA 112+59 RT                    | 18.7     |
|          | TOTAL                            | 458      |

| PAY CODE | DESCRIPTION                      | QUANTITY |
|----------|----------------------------------|----------|
| 35102000 | AGGREGATE BASE COURSE, TYPE B 8" | SQ YD    |
|          | STA 104+07 RT                    | 22       |
|          | STA 107+92 RT                    | 21.9     |
|          | STA 112+59 RT                    | 74.3     |
|          | STA 1009+53 RT TO STA 1011+04 RT | 30.7     |
|          | TOTAL                            | 148.9    |

| PAY CODE | DESCRIPTION                       | QUANTITY |
|----------|-----------------------------------|----------|
| 35102400 | AGGREGATE BASE COURSE, TYPE B 12" | SQ YD    |
|          | STA 101+77 RT TO STA 102+03 RT    | 11.6     |
|          | STA 102+50 RT TO STA 102+76 RT    | 11.7     |
|          | STA 103+94 RT TO STA 104+20 RT    | 11.6     |
|          | STA 104+82 RT TO STA 105+11 RT    | 12.8     |
|          | STA 105+72 RT TO STA 105+98 RT    | 11.6     |
|          | STA 106+48 RT TO STA 106+80 RT    | 13.8     |
|          | STA 107+79 RT TO STA 108+05 RT    | 11.5     |
|          | STA 108+56 RT TO STA 108+82 RT    | 11.7     |
|          | STA 109+20 RT TO STA 109+46 RT    | 11.6     |
|          | STA 109+95 RT TO STA 110+21 RT    | 11.3     |
|          | STA 110+68 RT TO STA 110+98 RT    | 13.8     |
|          | STA 111+49 RT TO STA 111+75 RT    | 11.6     |
|          | STA 112+43 RT TO STA 112+74 RT    | 13.5     |
|          | STA 114+29 RT TO STA 114+51 RT    | 10       |
|          | STA 114+26 LT TO STA 114+56 LT    | 42.1     |
|          | STA 1107+97 RT TO STA 1008+18 RT  | 23.3     |
|          | STA 1008+00 LT TO STA 1008+16 LT  | 6.8      |
|          | STA 1008+01 LT TO STA 1008+15 LT  | 6.2      |
|          | STA 1009+41 RT TO STA 1009+56 RT  | 6.2      |
|          | STA 1009+42 LT TO STA 1009+58 LT  | 7.4      |
|          | TOTAL                             | 260      |

| PAY CODE | DESCRIPTION                       | QUANTITY |
|----------|-----------------------------------|----------|
| 40600275 | BITUMINOUS MATERIALS (PRIME COAT) | POUND    |
|          | PROJECT                           | 590      |
|          | TOTAL                             | 590      |

| PAY CODE | DESCRIPTION                      | QUANTITY |
|----------|----------------------------------|----------|
| 40600290 | BITUMINOUS MATERIALS (TACK COAT) | POUND    |
|          | PROJECT                          | 59       |
|          | TOTAL                            | 59       |

| PAY CODE | DESCRIPTION   | QUANTITY |
|----------|---|----------|
| 40603235 | POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 | TON      |
|          | 1 STA 101+77 RT TO STA 102+03 RT                        | 3.9      |
|          | 2 STA 102+50 RT TO STA 102+76 RT                        | 3.9      |
|          | 3 STA 103+94 RT TO STA 104+20 RT                        | 3.9      |
|          | 4 STA 104+82 RT TO STA 105+11 RT                        | 4.3      |
|          | 5 STA 105+72 RT TO STA 105+98 RT                        | 3.9      |
|          | 6 STA 106+48 RT TO STA 106+80 RT                        | 4.8      |
|          | 7 STA 107+79 RT TO STA 108+05 RT                        | 3.9      |
|          | 8 STA 108+56 RT TO STA 108+82 RT                        | 3.9      |
|          | 9 STA 109+20 RT TO STA 109+46 RT                        | 3.9      |
|          | 10 STA 109+95 RT TO STA 110+21 RT                       | 3.9      |
|          | 11 STA 110+68 RT TO STA 110+98 RT                       | 4.7      |
|          | 12 STA 111+49 RT TO STA 111+75 RT                       | 3.9      |
|          | 13 STA 112+43 RT TO STA 112+74 RT                       | 4.6      |
|          | 14 STA 114+29 RT TO STA 114+51 RT                       | 3.3      |
|          | 15 STA 114+26 LT TO STA 114+56 LT                       | 14.4     |
|          | 16 STA 1107+97 RT TO STA 1008+18 RT                     | 8        |
|          | 17 STA 1008+00 LT TO STA 1008+16 LT                     | 2.4      |
|          | 18 STA 1008+01 LT TO STA 1008+15 LT                     | 2.1      |
|          | 19 STA 1009+41 RT TO STA 1009+56 RT                     | 2.3      |
|          | 20 STA 1009+42 LT TO STA 1009+58 LT                     | 2.5      |
|          | TOTAL   | 89       |

| PAY CODE | DESCRIPTION  | QUANTITY |
|----------|--|----------|
| 40604162 | POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 | TON      |
|          | STA 101+77 RT TO STA 102+03 RT                                   | 1.3      |
|          | STA 102+50 RT TO STA 102+76 RT                                   | 1.3      |
|          | STA 103+94 RT TO STA 104+20 RT                                   | 1.3      |
|          | STA 104+82 RT TO STA 105+11 RT                                   | 1.4      |
|          | STA 105+72 RT TO STA 105+98 RT                                   | 1.3      |
|          | STA 106+48 RT TO STA 106+80 RT                                   | 1.6      |
|          | STA 107+79 RT TO STA 108+05 RT                                   | 1.3      |
|          | STA 108+56 RT TO STA 108+82 RT                                   | 1.3      |
|          | STA 109+20 RT TO STA 109+46 RT                                   | 1.3      |
|          | STA 109+95 RT TO STA 110+21 RT                                   | 1.3      |
|          | STA 110+68 RT TO STA 110+98 RT                                   | 1.6      |
|          | STA 111+49 RT TO STA 111+75 RT                                   | 1.3      |
|          | STA 112+43 RT TO STA 112+74 RT                                   | 1.5      |
|          | STA 114+29 RT TO STA 114+51 RT                                   | 1.1      |
|          | STA 114+26 LT TO STA 114+56 LT                                   | 4.8      |
|          | STA 1107+97 RT TO STA 1008+18 RT                                 | 2.7      |
|          | STA 1008+00 LT TO STA 1008+16 LT                                 | 0.8      |
|          | STA 1008+01 LT TO STA 1008+15 LT                                 | 0.7      |
|          | STA 1009+41 RT TO STA 1009+56 RT                                 | 0.8      |
|          | STA 1009+42 LT TO STA 1009+58 LT                                 | 0.8      |
|          | TOTAL  | 30       |

| PAY CODE | DESCRIPTION                             | QUANTITY |
|----------|---|----------|
| 40800050 | INCIDENTAL HOT-MIX ASPHALT SURFACING    | TON      |
|          | STA 104+07 RT                           | 3.7      |
|          | STA 107+92 RT                           | 3.7      |
|          | STA 112+59 RT                           | 12.5     |
|          | STA 1009+53 RT TO STA 1011+04 RT (PATH) | 32.34    |
|          | TOTAL                                   | 52       |

| PAY CODE | DESCRIPTION  | QUANTITY |
|----------|--|----------|
| 42300200 | PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH | SQ YD    |
|          | STA 101+90 RT                                      | 60.5     |
|          | STA 102+63 RT                                      | 34.5     |
|          | STA 104+07 RT                                      | 15.4     |
|          | STA 104+96 RT                                      | 49       |
|          | STA 105+85 RT                                      | 23.3     |
|          | STA 106+64 RT                                      | 52.8     |
|          | STA 107+92 RT                                      | 16.3     |
|          | STA 108+69 RT                                      | 26.8     |
|          | STA 109+33 RT                                      | 30.9     |
|          | STA 110+08 RT                                      | 36.3     |
|          | STA 110+82 RT                                      | 56.7     |
|          | STA 111+62 RT                                      | 36.6     |
|          | STA 112+59 RT                                      | 18.7     |
|          | TOTAL  | 458      |

| PAY CODE | DESCRIPTION                              | QUANTITY |
|----------|--|----------|
| 42400100 | PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH | SQ FT    |
|          | STA 101+21 RT TO STA 114+74 RT           | 7255     |
|          | STA 114+38 LT TO STA 114+63 LT           | 579      |
|          | STA 1008+07 LT TO STA 1008+07 LT         | 262      |
|          | STA 1009+53 LT TO STA 1009+53 LT         | 113      |
|          | STA 1011+04 RT TO STA 1011+11 RT         | 277      |
|          | TOTAL                                    | 8486     |

| PAY CODE | DESCRIPTION         | QUANTITY |
|----------|---------------------|----------|
| 42400800 | DETECTABLE WARNINGS | SQ FT    |
|          | STA 114+37.70 LT    | 20       |
|          | STA 114+39.27 RT    | 20       |
|          | STA 1008+05.42 RT   | 20       |
|          | STA 1008+06.98 LT   | 20       |
|          | STA 1008+07.41 LT   | 20       |
|          | STA 1009+49.30 RT   | 20       |
|          | STA 1009+52.82 LT   | 20       |
|          | TOTAL               | 140      |



ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
CITY OF ROCKFORD  
425 EAST STATE STREET  
ROCKFORD, IL 61104

PROJECT AND LOCATION:  
PARKVIEW AVENUE  
ROCKFORD, ILLINOIS

DRAWN BY: BF  
APPROVED BY: WK  
DATE: 2/8/23  
SCALE: AS NOTED

| REVISIONS |             |      |
|-----------|-------------|------|
| REV. NO.  | DESCRIPTION | DATE |
|           |             |      |
|           |             |      |
|           |             |      |

DRAWING:  
SCHEDULE OF QUANTITIES

SET TYPE:  
G:\CSD\20\20-394\Plans\20-394 Plans.dwg, Schedule Only 1

JOB NUMBER:  
20-394A

SHEET NUMBER:  
6 of 49

| PAY CODE | DESCRIPTION                      | QUANTITY |
|----------|----------------------------------|----------|
| 44000100 | PAVEMENT REMOVAL                 | SQ YD    |
|          | STA 101+77 RT TO STA 102+03 RT   | 11.6     |
|          | STA 102+50 RT TO STA 102+76 RT   | 11.6     |
|          | STA 103+94 RT TO STA 104+20 RT   | 11.6     |
|          | STA 104+82 RT TO STA 105+11 RT   | 12.8     |
|          | STA 105+72 RT TO STA 105+98 RT   | 11.6     |
|          | STA 106+48 RT TO STA 106+80 RT   | 14.2     |
|          | STA 107+79 RT TO STA 108+05 RT   | 11.6     |
|          | STA 108+56 RT TO STA 108+82 RT   | 11.6     |
|          | STA 109+20 RT TO STA 109+46 RT   | 11.6     |
|          | STA 109+95 RT TO STA 110+21 RT   | 11.6     |
|          | STA 110+68 RT TO STA 110+98 RT   | 13.8     |
|          | STA 111+49 RT TO STA 111+75 RT   | 11.6     |
|          | STA 112+43 RT TO STA 112+74 RT   | 13.5     |
|          | STA 114+29 RT TO STA 114+51 RT   | 9.6      |
|          | STA 114+26 LT TO STA 114+56 LT   | 42.6     |
|          | STA 1107+97 RT TO STA 1008+18 RT | 23.6     |
|          | STA 1008+00 LT TO STA 1008+16 LT | 7.5      |
|          | STA 1008+01 LT TO STA 1008+15 LT | 6.2      |
|          | STA 1009+41 RT TO STA 1009+56 RT | 6.9      |
|          | STA 1009+42 LT TO STA 1009+58 LT | 7.4      |
|          | TOTAL                            | 263      |

| PAY CODE | DESCRIPTION               | QUANTITY |
|----------|---------------------------|----------|
| 44000200 | DRIVEWAY PAVEMENT REMOVAL | SQ YD    |
| 1        | STA 101+90 RT             | 61.3     |
| 2        | STA 102+63 RT             | 43       |
|          | STA 102+91 RT             | 15.9     |
| 3        | STA 104+07 RT             | 36.7     |
| 4        | STA 104+96 RT             | 56.7     |
| 5        | STA 105+85 RT             | 22.5     |
| 6        | STA 106+64 RT             | 30.3     |
| 7        | STA 107+92 RT             | 36.5     |
| 8        | STA 108+69 RT             | 24.7     |
| 9        | STA 109+33 RT             | 28.3     |
| 10       | STA 110+08 RT             | 38.6     |
| 11       | STA 110+82 RT             | 64.3     |
| 12       | STA 111+62 RT             | 38.3     |
| 13       | STA 112+59 RT             | 123.9    |
|          | TOTAL                     | 621      |

| PAY CODE | DESCRIPTION                         | QUANTITY |
|----------|-------------------------------------|----------|
| 44000500 | COMBINATION CURB AND GUTTER REMOVAL | FOOT     |
|          | STA 101+77 RT TO STA 102+03 RT      | 26       |
|          | STA 102+50 RT TO STA 102+76 RT      | 26       |
|          | STA 103+94 RT TO STA 104+20 RT      | 26       |
|          | STA 104+82 RT TO STA 105+11 RT      | 28.7     |
|          | STA 105+72 RT TO STA 105+98 RT      | 26       |
|          | STA 106+48 RT TO STA 106+80 RT      | 32       |
|          | STA 107+79 RT TO STA 108+05 RT      | 26       |
|          | STA 108+56 RT TO STA 108+82 RT      | 26       |
|          | STA 109+20 RT TO STA 109+46 RT      | 26       |
|          | STA 109+95 RT TO STA 110+21 RT      | 26       |
|          | STA 110+68 RT TO STA 110+98 RT      | 30.9     |
|          | STA 111+49 RT TO STA 111+75 RT      | 26       |
|          | STA 112+43 RT TO STA 112+74 RT      | 30.4     |
|          | STA 114+29 RT TO STA 114+51 RT      | 19.9     |
|          | STA 114+26 LT TO STA 114+56 LT      | 26.3     |
|          | STA 1107+97 RT TO STA 1008+18 RT    | 19.8     |
|          | STA 1008+00 LT TO STA 1008+16 LT    | 15.8     |
|          | STA 1008+01 LT TO STA 1008+15 LT    | 14       |
|          | STA 1009+41 RT TO STA 1009+56 RT    | 14.4     |
|          | STA 1009+42 LT TO STA 1009+58 LT    | 15.5     |
|          | TOTAL                               | 482      |

| PAY CODE | DESCRIPTION                      | QUANTITY |
|----------|----------------------------------|----------|
| 52200800 | SEGMENTAL CONCRETE BLOCK WALL    | SQ FT    |
|          | STA 100+99 RT TO STA 103+97 RT   | 187      |
|          | STA 1007+89 RT TO STA 1008+47 RT | 179      |
|          | TOTAL                            | 366      |

| PAY CODE | DESCRIPTION     | QUANTITY |
|----------|-----------------|----------|
| 54210190 | PIPE ELBOW, 30" | EACH     |
|          | STA 107+04 RT   | 1        |
|          | STA 107+07 RT   | 1        |
|          | TOTAL           | 2        |

| PAY CODE | DESCRIPTION   | QUANTITY |
|----------|---|----------|
| 54213675 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30" | EACH     |
|          | STA 107+03 RT                                       | 1        |
|          | STA 107+08 RT                                       | 1        |
|          | TOTAL   | 2        |

| PAY CODE | DESCRIPTION                                     | QUANTITY |
|----------|---|----------|
| 54260315 | TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION | FOOT     |
|          | STA 107+03 RT                                   | 12       |
|          | STA 107+08 RT                                   | 12       |
|          | TOTAL   | 24       |

| PAY CODE | DESCRIPTION                       | QUANTITY |
|----------|-----------------------------------|----------|
| 550A0140 | STORM SEWERS, CLASS A, TYPE 1 30" | FOOT     |
|          | STA 107+03 RT                     | 19       |
|          | STA 107+08 RT                     | 19       |
|          | TOTAL                             | 38       |

| PAY CODE | DESCRIPTION                 | QUANTITY |
|----------|-----------------------------|----------|
| 56109210 | WATER VALVES TO BE ADJUSTED | EACH     |
|          | STA 114+42 RT               | 1        |
|          | TOTAL                       | 1        |

| PAY CODE | DESCRIPTION                                 | QUANTITY |
|----------|---|----------|
| 56500600 | DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED | EACH     |
|          | STA106+09 RT                                | 1        |
|          | STA 108+45 RT                               | 1        |
|          | STA 111+61 RT                               | 1        |
|          | STA 112+13 RT                               | 1        |
|          | TOTAL                                       | 4        |

| PAY CODE | DESCRIPTION                | QUANTITY |
|----------|----------------------------|----------|
| 60262700 | INLETS TO BE RECONSTRUCTED | EACH     |
|          | STA 1008+19 RT             | 1        |
|          | TOTAL                      | 1        |

| PAY CODE | DESCRIPTION  | QUANTITY |
|----------|--|----------|
| 60610100 | COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.18 (MODIFIED) | FOOT     |
|          | STA 101+77 RT TO STA 102+03 RT                               | 26       |
|          | STA 102+50 RT TO STA 102+76 RT                               | 26       |
|          | STA 103+94 RT TO STA 104+20 RT                               | 26       |
|          | STA 104+82 RT TO STA 105+11 RT                               | 28.7     |
|          | STA 105+72 RT TO STA 105+98 RT                               | 26       |
|          | STA 106+48 RT TO STA 106+80 RT                               | 32       |
|          | STA 107+79 RT TO STA 108+05 RT                               | 26       |
|          | STA 108+56 RT TO STA 108+82 RT                               | 26       |
|          | STA 109+20 RT TO STA 109+46 RT                               | 26       |
|          | STA 109+95 RT TO STA 110+21 RT                               | 26       |
|          | STA 110+68 RT TO STA 110+98 RT                               | 30.9     |
|          | STA 111+49 RT TO STA 111+75 RT                               | 26       |
|          | STA 112+43 RT TO STA 112+74 RT                               | 30.4     |
|          | STA 114+29 RT TO STA 114+51 RT                               | 19.9     |
|          | STA 114+26 LT TO STA 114+56 LT                               | 26.3     |
|          | STA 1107+97 RT TO STA 1008+18 RT                             | 19.8     |
|          | STA 1008+00 LT TO STA 1008+16 LT                             | 15.8     |
|          | STA 1008+01 LT TO STA 1008+15 LT                             | 14       |
|          | STA 1009+41 RT TO STA 1009+56 RT                             | 14.4     |
|          | STA 1009+42 LT TO STA 1009+58 LT                             | 15.5     |
|          | TOTAL  | 482      |

| PAY CODE | DESCRIPTION  | QUANTITY |
|----------|--------------|----------|
| 67100100 | MOBILIZATION | L SUM    |
|          | PROJECT      | 1        |
|          | TOTAL        | 1        |

| PAY CODE | DESCRIPTION                  | QUANTITY |
|----------|------------------------------|----------|
| 70103815 | TRAFFIC CONTROL SURVEILLANCE | CAL DA   |
|          | PROJECT                      | 14       |
|          | TOTAL                        | 14       |

| PAY CODE | DESCRIPTION  | QUANTITY |
|----------|--|----------|
| 78000100 | THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS | SQ FT    |
|          | STA 1009+90 RT                                       | 96.2     |
|          | TOTAL  | 96       |

| PAY CODE | DESCRIPTION                              | QUANTITY |
|----------|--|----------|
| 78000400 | THERMOPLASTIC PAVEMENT MARKING - LINE 6" | FOOT     |
|          | STA 114+34                               | 64       |
|          | STA 114+43                               | 70       |
|          | STA 1008+01                              | 70       |
|          | STA 1008+11                              | 71       |
|          | STA 1009+46                              | 78       |
|          | STA 1009+56                              | 72       |
|          | TOTAL                                    | 425      |

| PAY CODE | DESCRIPTION                               | QUANTITY |
|----------|---|----------|
| 78000600 | THERMOPLASTIC PAVEMENT MARKING - LINE 12" | FOOT     |
|          | STA 114+33 TO STA 114+43                  | 225      |
|          | STA 1008+01 TO STA 1008+11                | 230      |
|          | STA 1009+46 TO STA 1009+56                | 247      |
|          | TOTAL                                     | 702      |

| PAY CODE | DESCRIPTION                               | QUANTITY |
|----------|---|----------|
| 78000650 | THERMOPLASTIC PAVEMENT MARKING - LINE 24" | FOOT     |
|          | STA 114+28                                | 34       |
|          | STA 1007+96                               | 46       |
|          | STA 1009+61                               | 35       |
|          | TOTAL                                     | 115      |

| PAY CODE | DESCRIPTION  | QUANTITY |
|----------|--|----------|
| 81028750 | UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA. | FOOT     |
|          | STA 1008+14 LT TO STA 1008+21 LT                           | 9        |
|          | STA 1009+46 LT TO STA 1009+65 LT                           | 20       |
|          | TOTAL  | 29       |

| PAY CODE | DESCRIPTION  | QUANTITY |
|----------|--|----------|
| 81028760 | UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2-1/2" DIA. | FOOT     |
|          | STA 1008+19 RT TO STA 1008+33 RT                               | 23       |
|          | TOTAL  | 23       |

| PAY CODE | DESCRIPTION   | QUANTITY |
|----------|---|----------|
| 81028770 | UNDERGROUND CONDUIT, COILABLE NONMET ALLIC CONDUIT, 3" DIA. | FOOT     |
|          | STA 1008+33 RT TO STA 1008+39 RT                            | 9        |
|          | TOTAL   | 9        |

| PAY CODE | DESCRIPTION  | QUANTITY |
|----------|--|----------|
| 81028790 | UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 4" DIA. | FOOT     |
|          | STA 1008+33 RT TO STA 1009+65 RT                           | 135      |
|          | TOTAL  | 135      |

| PAY CODE | DESCRIPTION  | QUANTITY |
|----------|--|----------|
| 81702110 | ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1 /C NO. 10 | FOOT     |
|          | PROJECT  | 472      |
|          | TOTAL  | 472      |

| PAY CODE | DESCRIPTION                | QUANTITY |
|----------|----------------------------|----------|
| 84200804 | REMOVAL OF POLE FOUNDATION | EACH     |
|          | STA 1008+26 RT             | 1        |
|          | TOTAL                      | 1        |

| PAY CODE | DESCRIPTION                                  | QUANTITY |
|----------|--|----------|
| 87300925 | ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C | FOOT     |
|          | PROJECT                                      | 647      |
|          | TOTAL  | 647      |

| PAY CODE | DESCRIPTION                                 | QUANTITY |
|----------|---|----------|
| 87301215 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C | FOOT     |
|          | PROJECT                                     | 1113     |
|          | TOTAL                                       | 1113     |

| PAY CODE | DESCRIPTION                                 | QUANTITY |
|----------|---|----------|
| 87301225 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C | FOOT     |
|          | PROJECT                                     | 1175     |
|          | TOTAL                                       | 1175     |

| PAY CODE | DESCRIPTION                                 | QUANTITY |
|----------|---|----------|
| 87301245 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C | FOOT     |
|          | PROJECT                                     | 229      |
|          | TOTAL                                       | 229      |

| PAY CODE | DESCRIPTION                                 | QUANTITY |
|----------|---|----------|
| 87301255 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C | FOOT     |
|          | PROJECT                                     | 76       |
|          | TOTAL                                       | 76       |

| PAY CODE | DESCRIPTION  | QUANTITY |
|----------|--|----------|
| 87301732 | ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 20 3C | FOOT     |
|          | PROJECT  | 215      |
|          | TOTAL  | 215      |

| PAY CODE | DESCRIPTION  | QUANTITY |
|----------|--|----------|
| 87301900 | ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C | FOOT     |
|          | PROJECT  | 246      |
|          | TOTAL  | 246      |

| PAY CODE | DESCRIPTION                 | QUANTITY |
|----------|-----------------------------|----------|
| 87500600 | TRAFFIC SIGNAL POST, 10 FT. | EACH     |
|          | STA 1008+13 RT              | 1        |
|          | TOTAL                       | 1        |



ENGINEERING & ENVIRONMENTAL

ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
CITY OF ROCKFORD  
425 EAST STATE STREET  
ROCKFORD, IL 61104

PROJECT AND LOCATION:  
PARKVIEW AVENUE  
ROCKFORD, ILLINOIS

DRAWN BY: BF  
APPROVED BY: WK  
DATE: 2/8/23  
SCALE: AS NOTED

| REVISIONS |             |      |
|-----------|-------------|------|
| REV. NO.  | DESCRIPTION | DATE |
|           |             |      |
|           |             |      |
|           |             |      |

DRAWING:  
SCHEDULE OF QUANTITIES

SET TYPE:  
G:\CSD\20\20-394\Plans\20-394 Plans.dwg, Schedule Only 2

JOB NUMBER:  
20-394A

SHEET NUMBER:  
7 of 49

| PAY CODE | DESCRIPTION   | QUANTITY |
|----------|---|----------|
| 87600100 | PEDESTRIAN PUSH-BUTTON POST, TYPE I                                       | EACH     |
|          | STA 1008+17 LT  | 1        |
|          | STA 1009+41 LT  | 1        |
|          | TOTAL   | 2        |
| 87800100 | CONCRETE FOUNDATION, TYPE A   | FOOT     |
|          | STA 1008+13 RT  | 3        |
|          | TOTAL   | 3        |
| 87800415 | CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER                              | FOOT     |
|          | STA 1008+39 RT  | 13       |
|          | TOTAL   | 13       |
| 88102717 | PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER | EACH     |
|          | STA 1008+18 RT  | 1        |
|          | STA 1008+17 LT  | 1        |
|          | STA 1008+39 RT  | 1        |
|          | STA 1009+27 RT  | 1        |
|          | STA 1009+41 LT  | 1        |
|          | STA 1009+56 RT  | 1        |
|          | TOTAL   | 6        |
| 89501300 | RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE                              | EACH     |
|          | STA 1008+26 RT  | 1        |
|          | TOTAL   | 1        |
| 89502376 | REBUILD EXISTING HANDHOLE   | EACH     |
|          | STA 1008+33 RT  | 1        |
|          | TOTAL   | 1        |
| X6026050 | SANITARY MANHOLES TO BE ADJUSTED  | EACH     |
|          | STA 106+39 RT   | 1        |
|          | TOTAL   | 1        |
| X6026056 | SANITARY MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID        | EACH     |
|          | STA 103+73 RT   | 1        |
|          | STA 109+46 RT   | 1        |
|          | TOTAL   | 2        |
| X7010216 | TRAFFIC CONTROL AND PROTECTION, (SPECIAL)                                 | L SUM    |
|          | PROJECT   | 1        |
|          | TOTAL   | 1        |
| X8760200 | ACCESSIBLE PEDESTRIAN SIGNALS   | EACH     |
|          | STA 1008+18 RT  | 1        |
|          | STA 1008+17 LT  | 1        |
|          | STA 1008+39 RT  | 1        |
|          | STA 1009+27 RT  | 1        |
|          | STA 1009+41 LT  | 1        |
|          | STA 1009+56 RT  | 1        |
|          | TOTAL   | 6        |
| XX000970 | PARKWAY RESTORATION   | L SUM    |
|          | PROJECT   | 1        |
|          | TOTAL   | 1        |
| XX007759 | ADJUST SANITARY SEWER CLEANOUT  | EACH     |
|          | PROJECT   | 12       |
|          | TOTAL   | 12       |
| Z0013798 | CONSTRUCTION LAYOUT   | L SUM    |
|          | PROJECT   | 1        |
|          | TOTAL   | 1        |



ENGINEERING & ENVIRONMENTAL

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425 EAST STATE STREET  
ROCKFORD, IL 61104

PROJECT AND LOCATION:  
PARKVIEW AVENUE  
ROCKFORD, ILLINOIS

DRAWN BY: BF  
APPROVED BY: WK  
DATE: 2/8/23  
SCALE: AS NOTED

| REVISIONS |             |      |
|-----------|-------------|------|
| REV. NO.  | DESCRIPTION | DATE |
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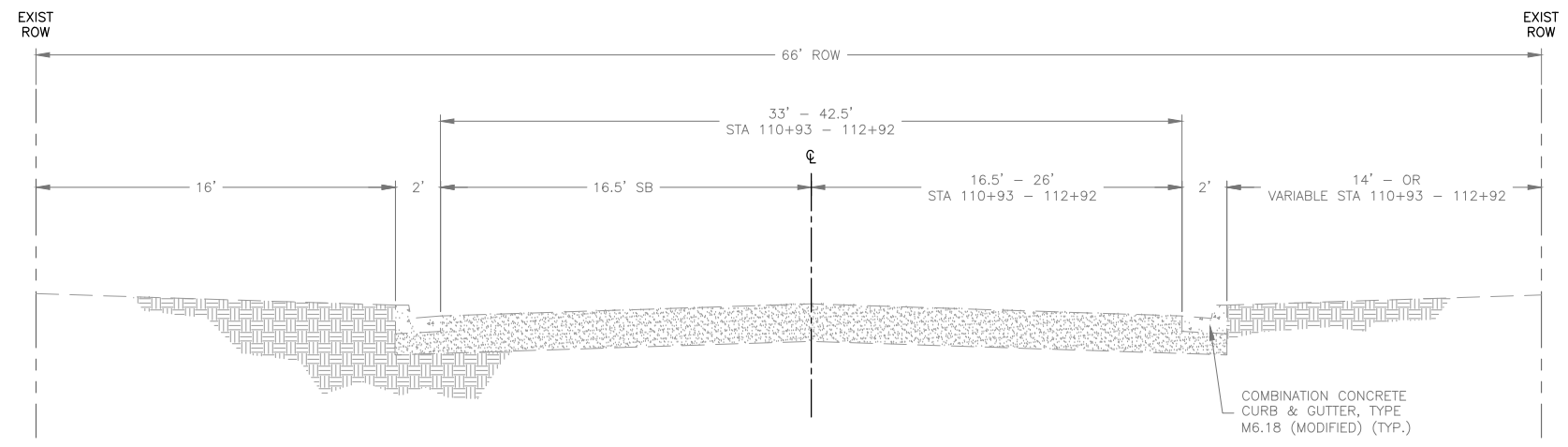
DRAWING:  
SCHEDULE OF QUANTITIES

SET TYPE:  
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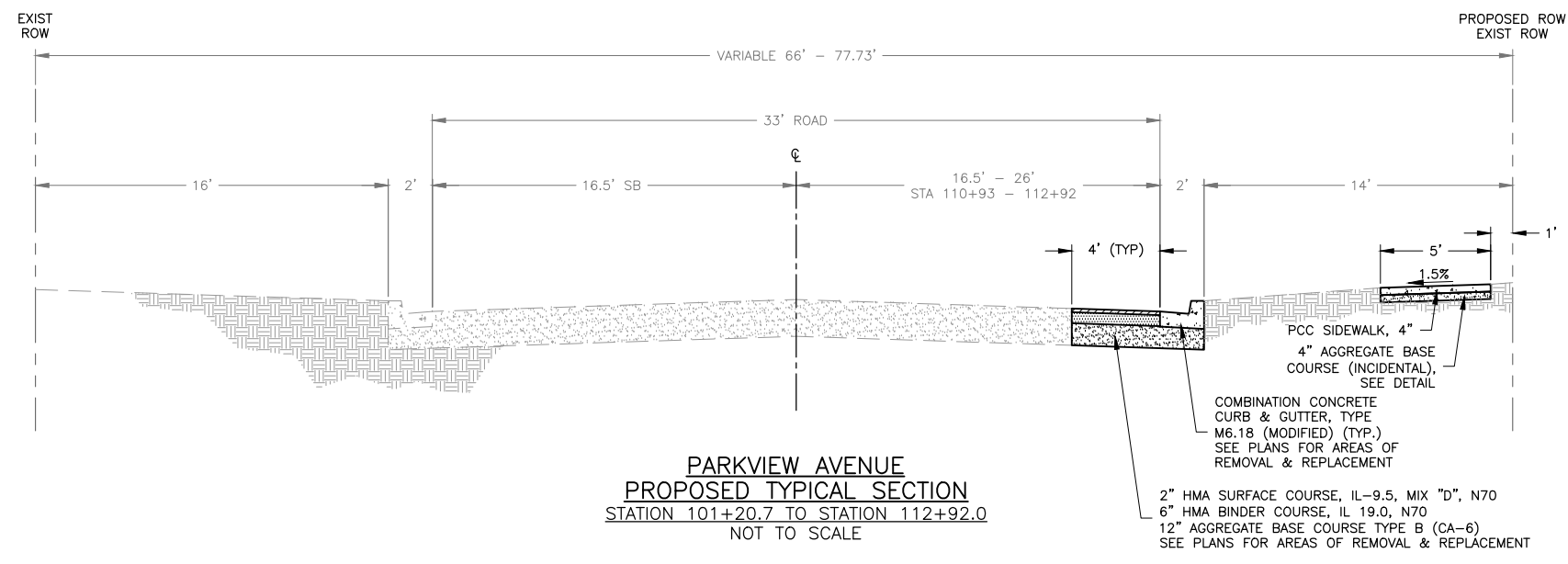
JOB NUMBER:  
20-394A

SHEET NUMBER:  
8 of 49



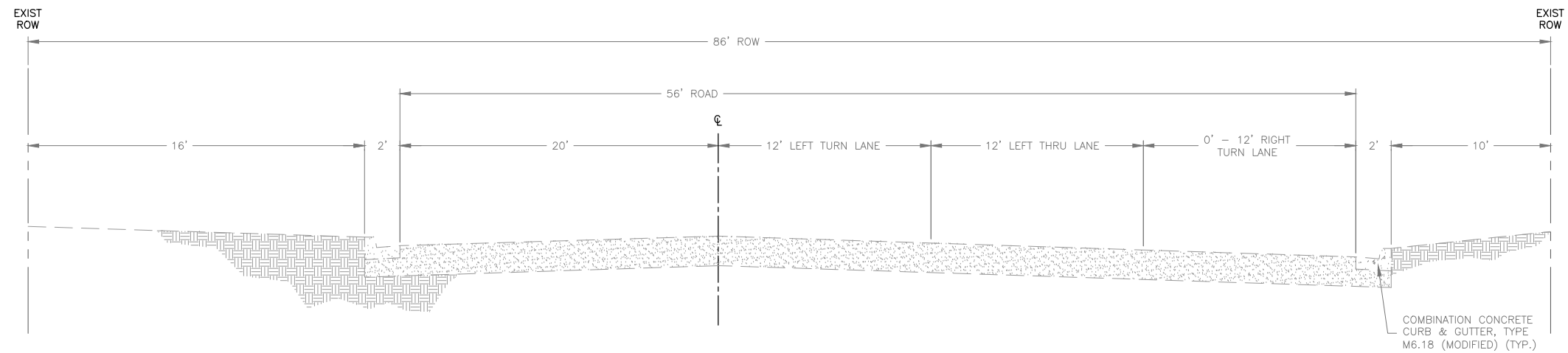


**PARKVIEW AVENUE**  
**EXISTING TYPICAL SECTION**  
STATION 101+20.7 TO STATION 112+92  
NOT TO SCALE



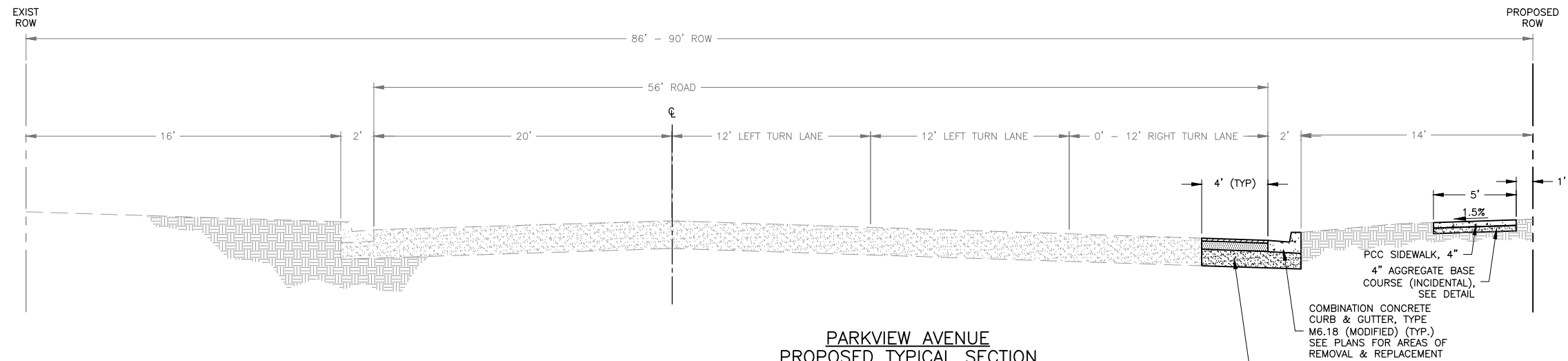
**PARKVIEW AVENUE**  
**PROPOSED TYPICAL SECTION**  
STATION 101+20.7 TO STATION 112+92.0  
NOT TO SCALE

| REVISIONS |             |      |
|-----------|-------------|------|
| REV. NO.  | DESCRIPTION | DATE |
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**PARKVIEW AVENUE**  
**EXISTING TYPICAL SECTION**  
STATION 112+92 TO STATION 114+01 & THROUGH INTERSECTION  
NOT TO SCALE

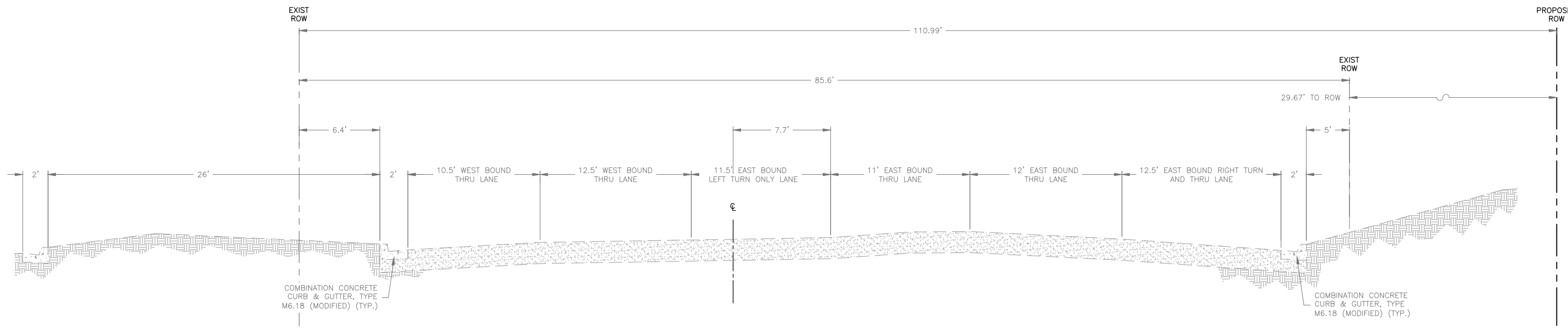
COMBINATION CONCRETE CURB & GUTTER, TYPE M6.18 (MODIFIED) (TYP.)



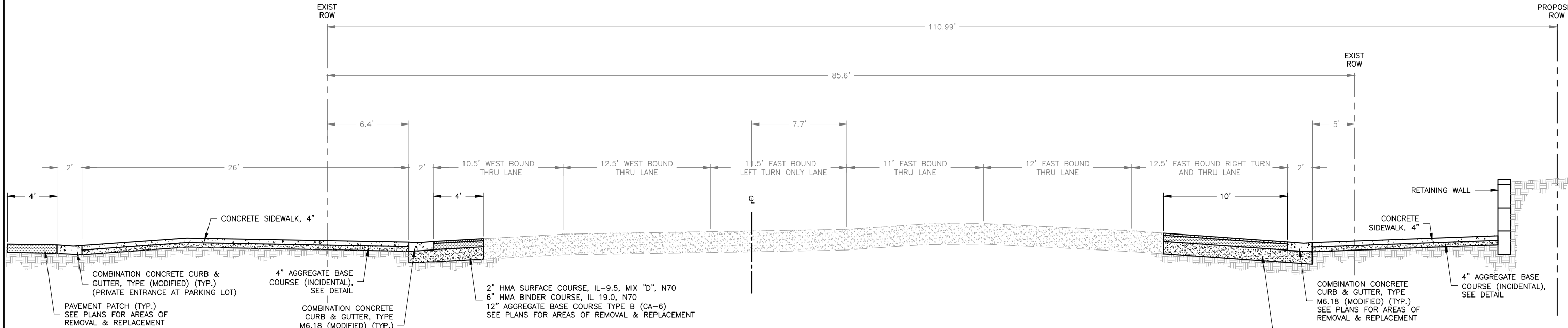
**PARKVIEW AVENUE**  
**PROPOSED TYPICAL SECTION**  
STATION 112+92 TO STATION 114+01 & THROUGH INTERSECTION  
NOT TO SCALE

PCC SIDEWALK, 4"  
4" AGGREGATE BASE COURSE (INCIDENTAL), SEE DETAIL  
COMBINATION CONCRETE CURB & GUTTER, TYPE M6.18 (MODIFIED) (TYP.)  
SEE PLANS FOR AREAS OF REMOVAL & REPLACEMENT  
2" HMA SURFACE COURSE, IL-9.5, MIX "D", N70  
6" HMA BINDER COURSE, IL 19.0, N70  
12" AGGREGATE BASE COURSE TYPE B (CA-6)  
SEE PLANS FOR AREAS OF REMOVAL & REPLACEMENT

| REVISIONS |             |      |
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| REV. NO.  | DESCRIPTION | DATE |
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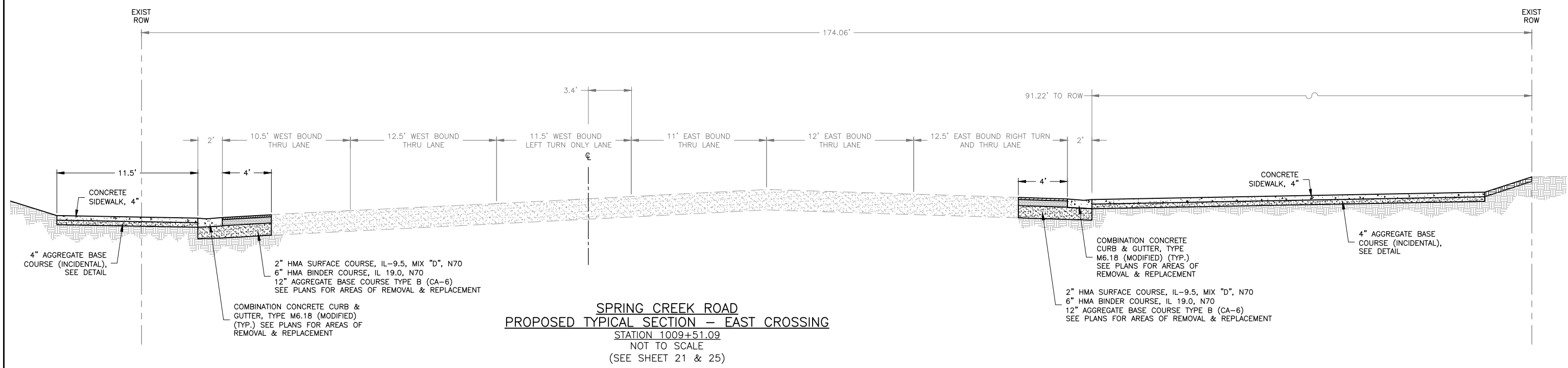
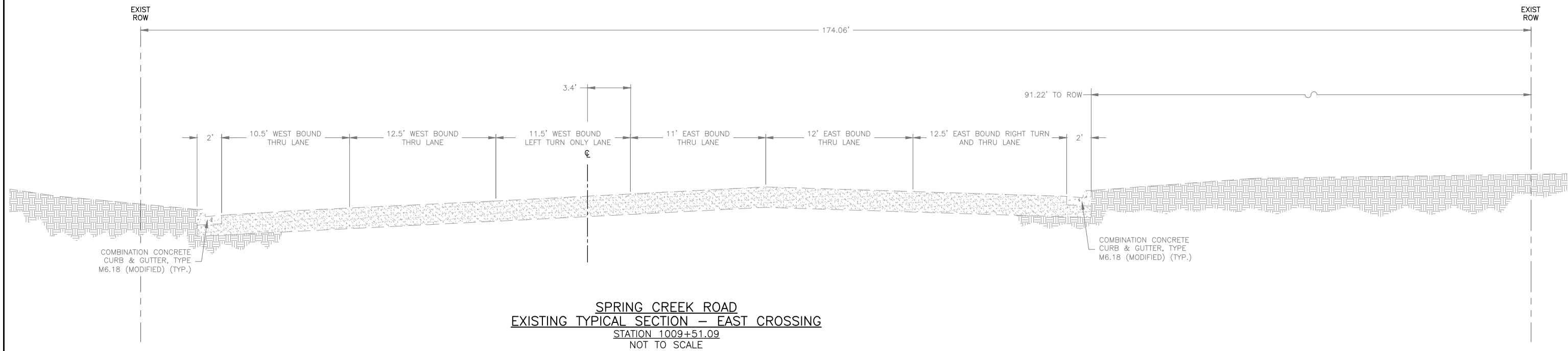


**SPRING CREEK ROAD**  
**EXISTING TYPICAL SECTION - WEST CROSSING**  
STATION 1008+06.37  
NOT TO SCALE



**SPRING CREEK ROAD**  
**PROPOSED TYPICAL SECTION - WEST CROSSING**  
STATION 1008+06.37  
NOT TO SCALE  
(SEE SHEET 21 & 25)

| REVISIONS |             |      |
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| REV. NO.  | DESCRIPTION | DATE |
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**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525

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IOWA  
WISCONSIN

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CITY OF ROCKFORD  
425 EAST STATE STREET  
ROCKFORD, IL 61104

PROJECT AND LOCATION:  
PARKVIEW AVENUE  
ROCKFORD, ILLINOIS

DRAWN BY: BF  
APPROVED BY: WK  
DATE: 2/8/23  
SCALE: AS NOTED

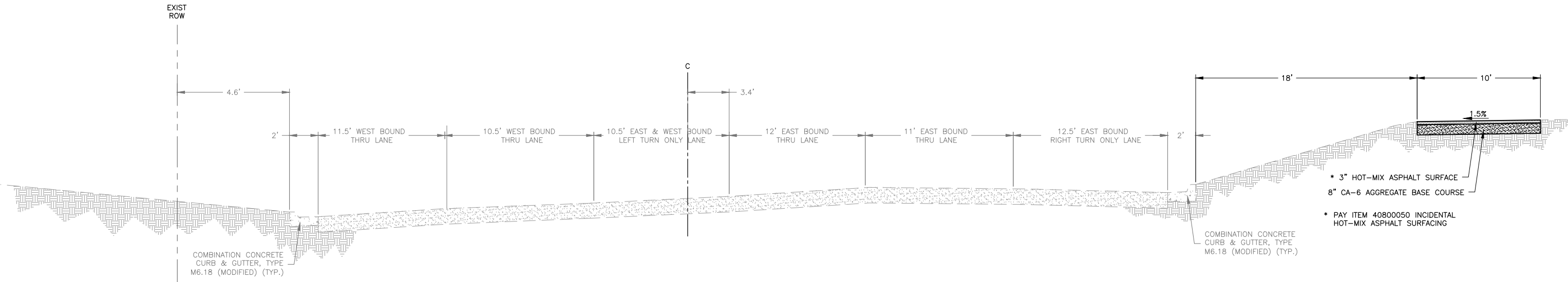
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DRAWING:  
TYPICAL SECTIONS

SET TYPE:  
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JOB NUMBER:  
20-394A







SHEET NUMBER:  
12 of 49



**SPRING CREEK ROAD**  
**EXISTING & PROPOSED TYPICAL SECTION**  
 STATION 1009+53 TO STATION 1011+11.40 (HIGHCREST ROAD)  
 NOT TO SCALE  
 (SEE SHEET 21 & 25)

| REVISIONS |             |      |
|-----------|-------------|------|
| REV. NO.  | DESCRIPTION | DATE |
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**LEGEND**

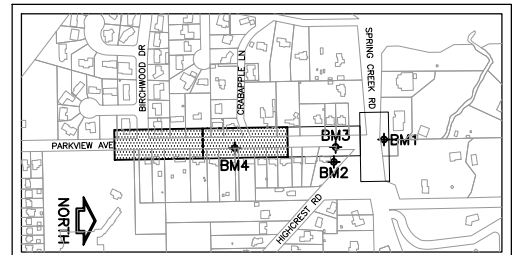
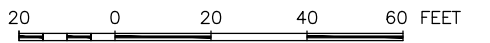
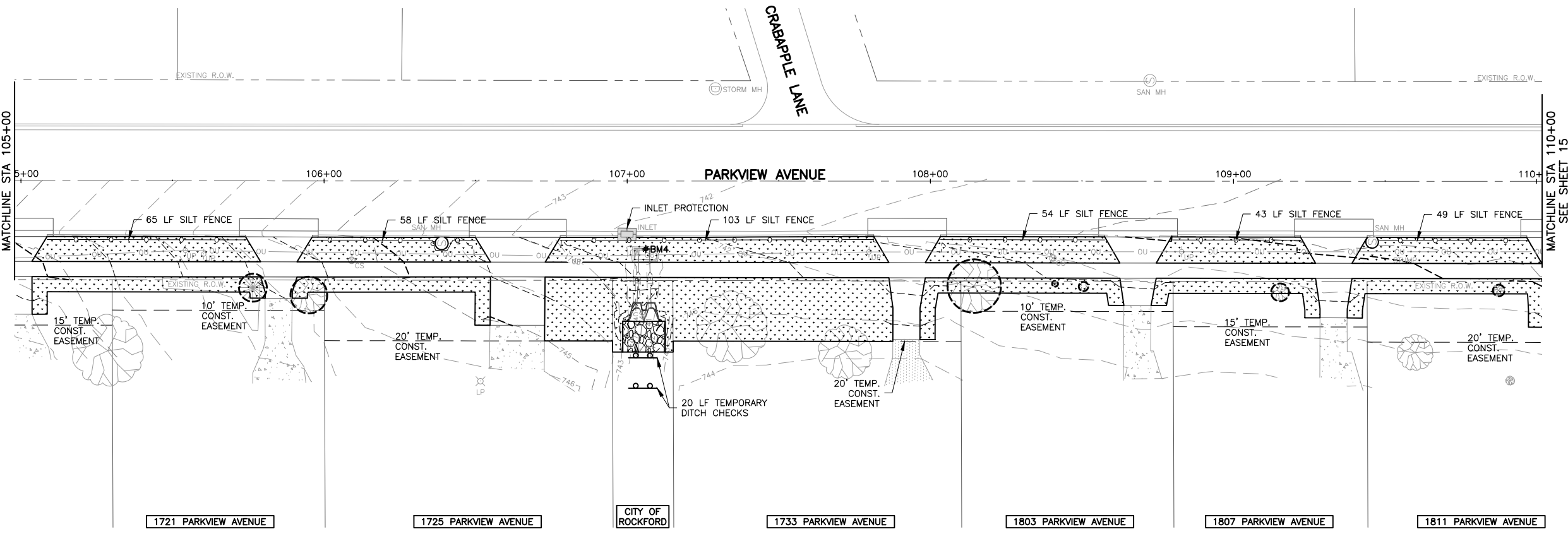
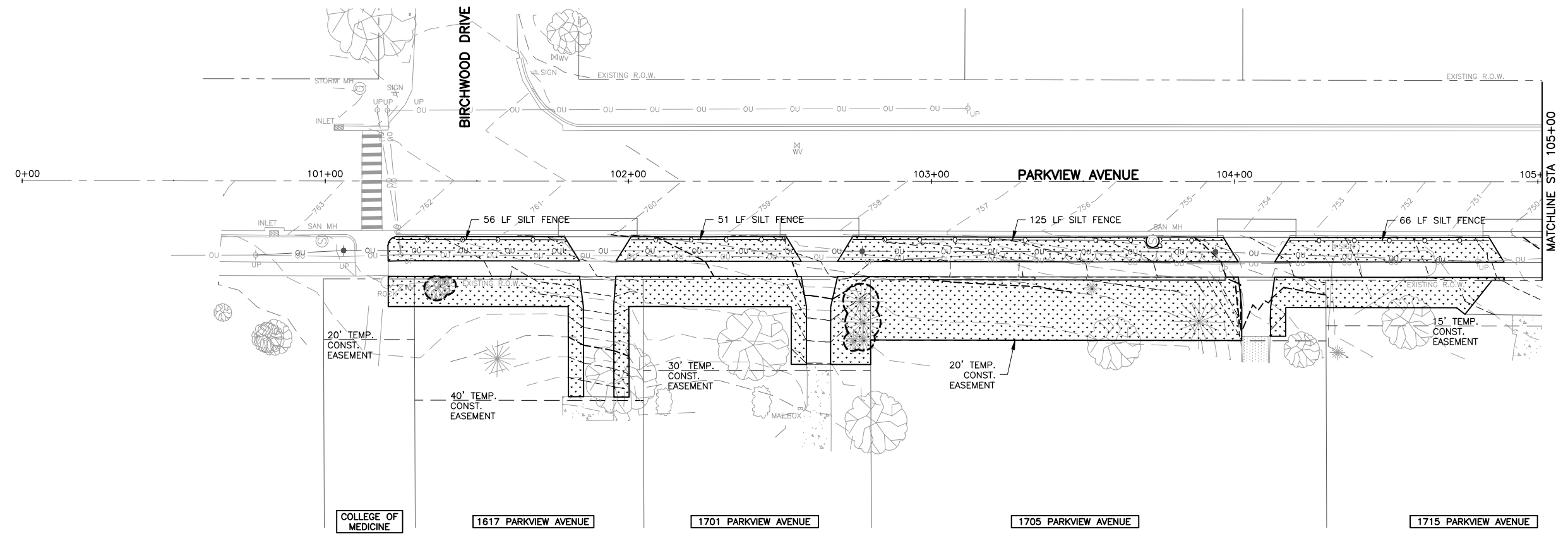
-  TOPSOIL, SEED, FERTILIZE, AND EROSION CONTROL BLANKET
-  RIP-RAP
-  SILT FENCE
-  INLET PROTECTION
-  TEMPORARY DITCH CHECK
-  TREE PROTECTION

**GENERAL NOTES:**

CONTRACTOR TO RESTORE ANY DISTURBED AREA TO PRE CONSTRUCTION CONDITIONS.  
 ALL DISTURBED AREAS TO RECEIVE IDOT CLASS 1A SEEDING.  
 ANY DAMAGE TO CURBS OR OTHER EXISTING ITEMS NOT INTENDED TO BE REPLACED SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST.  
 POSITIVE DRAINAGE SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.

**SITE DISTURBANCE SCHEDULE**

TOTAL AREA TO BE DISTURBED = 0.74 ACRES



**KEY MAP**

BM4 = CUT SQUARE ON STRUCTURE (CP401)  
 N=2048902.05, E=2596707.37, ELEV=742.24

**BENCHMARKS**

**FEHR GRAHAM**  
 ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS  
 IOWA  
 WISCONSIN

OWNER/DEVELOPER:  
 CITY OF ROCKFORD  
 425 EAST STATE STREET  
 ROCKFORD, IL 61104

PROJECT AND LOCATION:  
 PARKVIEW AVENUE  
 ROCKFORD, ILLINOIS

DRAWN BY: BF  
 APPROVED BY: WK  
 DATE: 2/8/23  
 SCALE: AS NOTED

| REVISIONS |             |      |
|-----------|-------------|------|
| REV. NO.  | DESCRIPTION | DATE |
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



DRAWING:  
**PARKVIEW AVE EROSION CONTROL PLAN**

SET TYPE:  
G:\30\20-394\20-394 Design\eg, Erosion Control 1

JOB NUMBER:  
**20-394A**

SHEET NUMBER:  
**14 of 49**

**LEGEND**

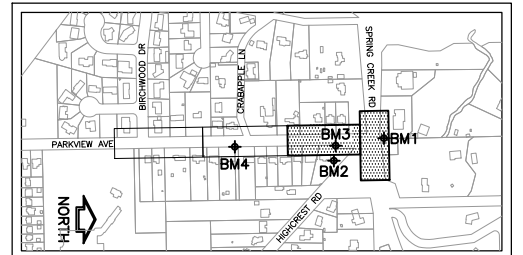
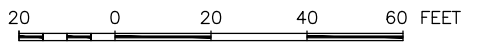
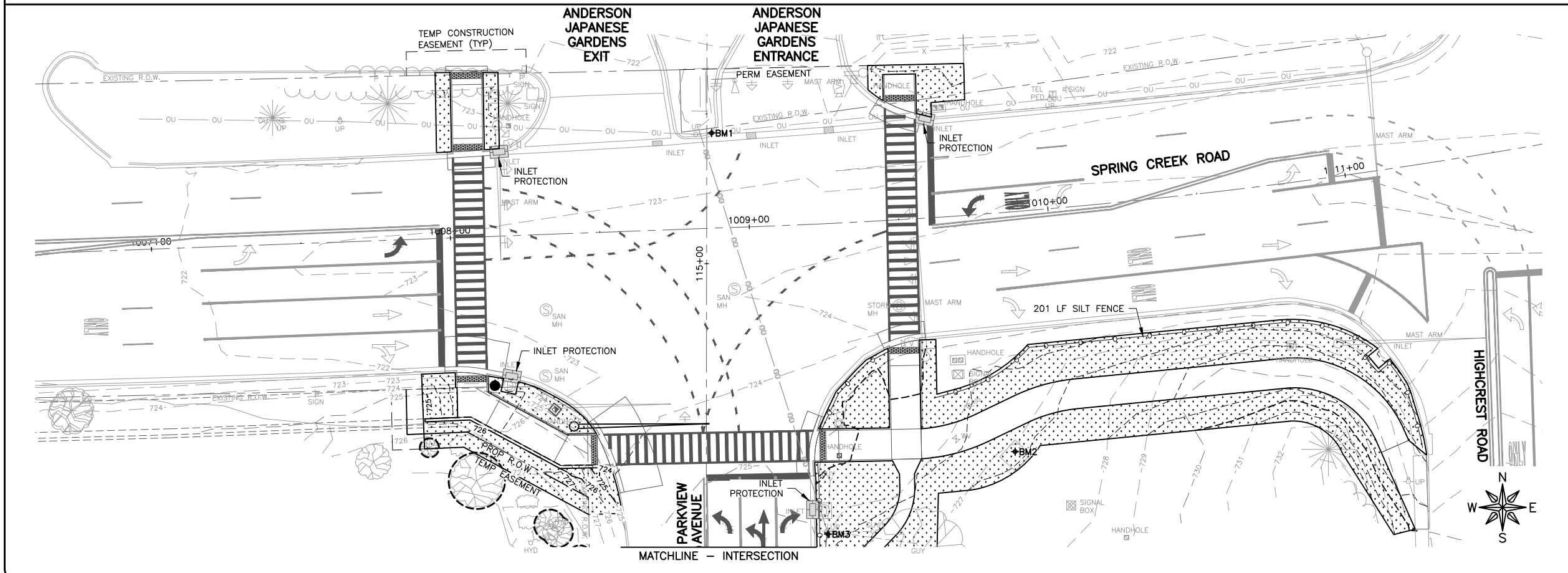
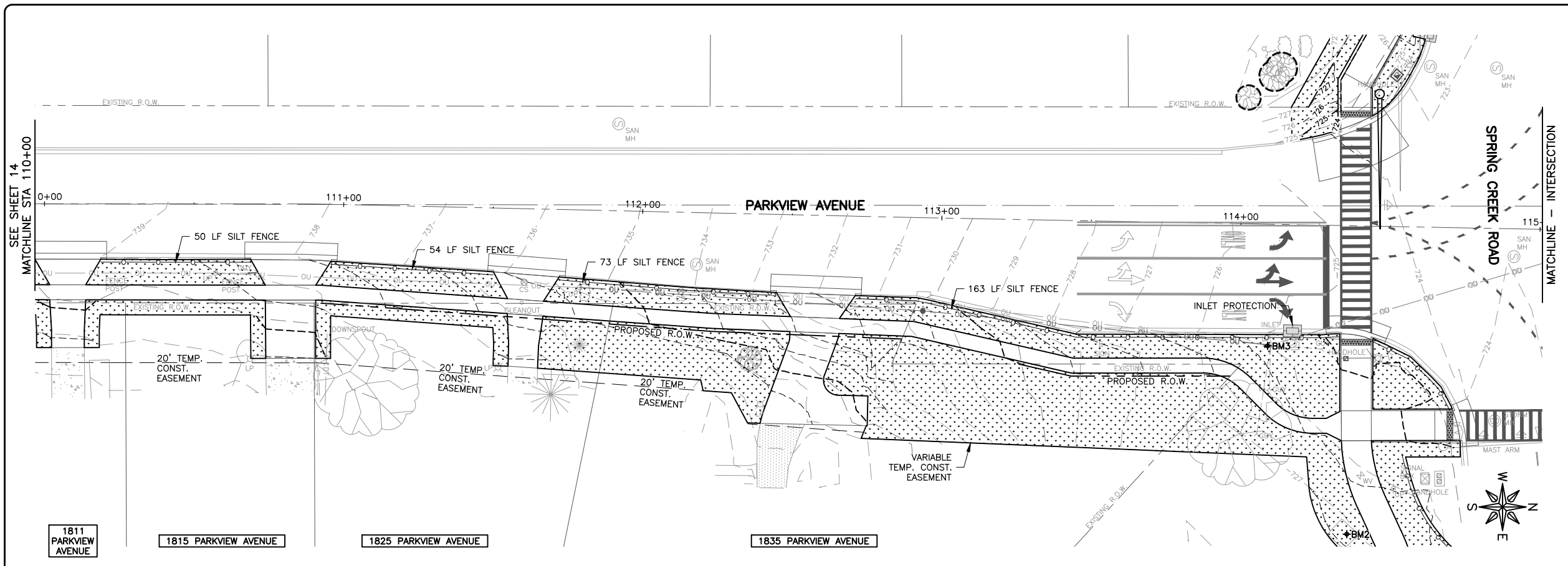
-  TOPSOIL, SEED, FERTILIZE, AND EROSION CONTROL BLANKET
-  RIP-RAP
-  SILT FENCE
-  INLET PROTECTION
-  TEMPORARY DITCH CHECK
-  TREE PROTECTION

**GENERAL NOTES:**

CONTRACTOR TO RESTORE ANY DISTURBED AREA TO PRE CONSTRUCTION CONDITIONS.  
 ALL DISTURBED AREAS TO RECEIVE IDOT CLASS 1A SEEDING.  
 ANY DAMAGE TO CURBS OR OTHER EXISTING ITEMS NOT INTENDED TO BE REPLACED SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST.  
 POSITIVE DRAINAGE SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.

**SITE DISTURBANCE SCHEDULE**

TOTAL AREA TO BE DISTURBED = 0.74 ACRES



KEY MAP

- BENCHMARKS**
- BM1 = CUT "X" ON BACK OF CURB (CP402)  
N=2049739.15, E=2596681.45, ELEV=722.79
  - BM2 = CUT "X" ON CONCRETE (CP403)  
N=2049632.67, E=2596782.91, ELEV=727.20
  - BM3 = SPIKE IN POWER POLE (CP400)  
N=2049605.10, E=2596720.37, ELEV=727.15

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 IOWA  
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 CITY OF ROCKFORD  
 425 EAST STATE STREET  
 ROCKFORD, IL 61104

PROJECT AND LOCATION:  
 PARKVIEW AVENUE  
 ROCKFORD, ILLINOIS









DRAWN BY: BF  
 APPROVED BY: WK  
 DATE: 2/8/23  
 SCALE: AS NOTED

| REVISIONS |             |      |
|-----------|-------------|------|
| REV. NO.  | DESCRIPTION | DATE |
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DRAWING:  
 PARKVIEW AVE EROSION CONTROL PLAN  
 SET TYPE:  
 G:\30\20-394\20-394 Designing, Erosion Control 2

JOB NUMBER:  
 20-394A  
 SHEET NUMBER:  
 15 of 49

**LEGEND**

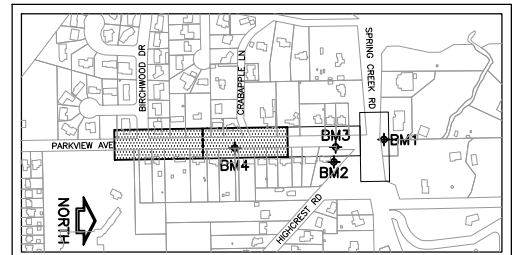
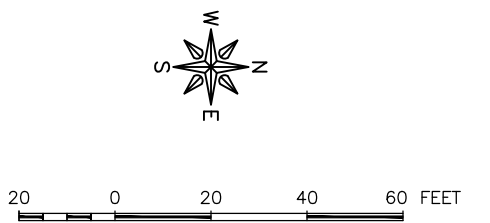
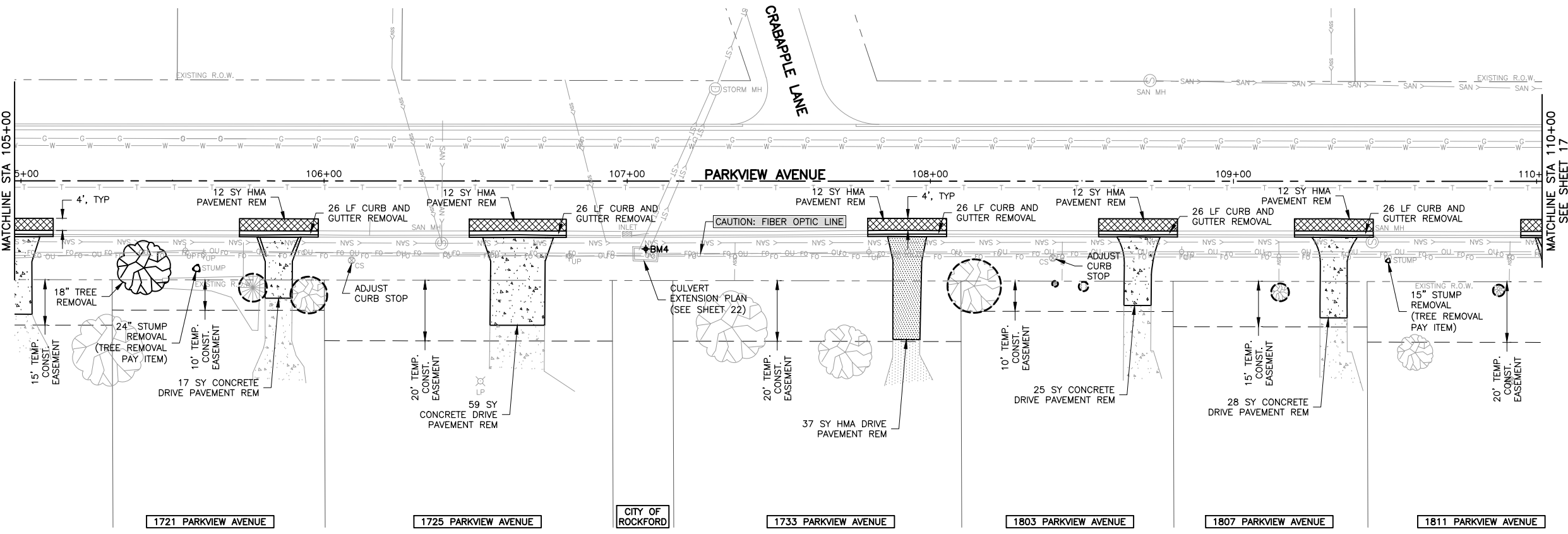
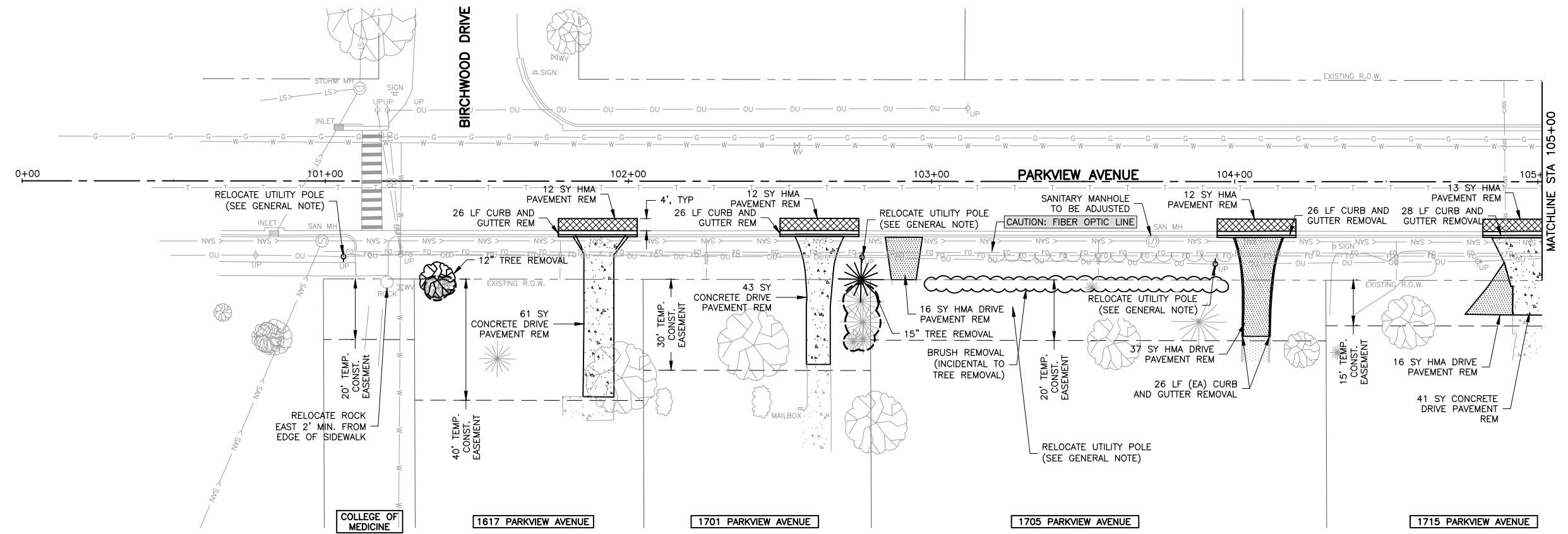
-  FULL DEPTH REMOVAL OF PAVEMENT AND SUBBASE TO ATTAIN PROPOSED PAVEMENT SECTION.
-  CONCRETE SIDEWALK TO BE REMOVED.
-  FULL DEPTH REMOVAL OF CONCRETE PAVEMENT AND STONE BASE.
-  FULL DEPTH REMOVAL OF HMA PAVEMENT AND STONE BASE.
-  COMBINATION CONCRETE CURB & GUTTER TO BE REMOVED & REPLACED.
-  TREE TO BE REMOVED
-  FENCE TO BE REMOVED
-  TREE PROTECTION

**GENERAL NOTES:**

CONTRACTOR TO RESTORE ANY DISTURBED AREA TO PRE CONSTRUCTION CONDITIONS

TREE REMOVAL TO BE REVIEWED IN FIELD AND COMPLETED PER DISCRETION OF OWNER AND ENGINEER. TREES NOT TO BE REMOVED WITHIN WORK ZONE SHALL BE PROTECTED.

ALL EDGES OF PAVEMENT SURFACES, INCLUDING SIDEWALK, SHALL BE SAWCUT PRIOR TO REMOVAL.



BM4 = CUT SQUARE ON STRUCTURE (CP401)  
N=2048902.05, E=2596707.37, ELEV=742.24

**BENCHMARKS**

**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL  
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PROJECT AND LOCATION:  
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ROCKFORD, ILLINOIS

DRAWN BY: BF  
APPROVED BY: WK  
DATE: 2/8/23  
SCALE: AS NOTED

| REVISIONS |             |      |
|-----------|-------------|------|
| REV. NO.  | DESCRIPTION | DATE |
|           |             |      |
|           |             |      |
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DRAWING:  
PARKVIEW AVE EXISTING CONDITIONS AND REMOVAL PLAN









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JOB NUMBER:  
20-394A

SHEET NUMBER:  
16 of 49



**LEGEND**

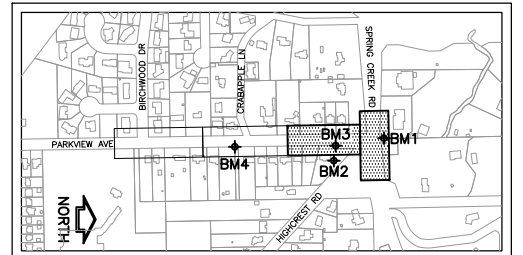
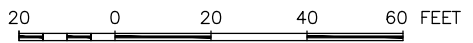
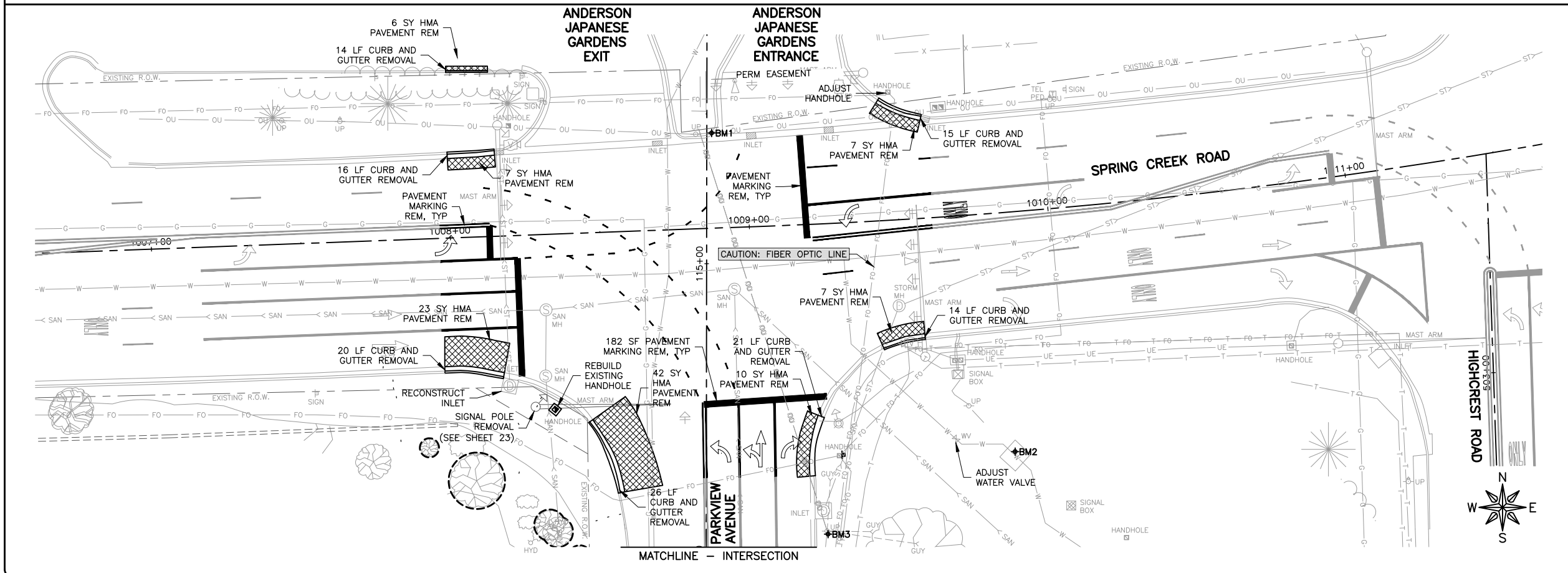
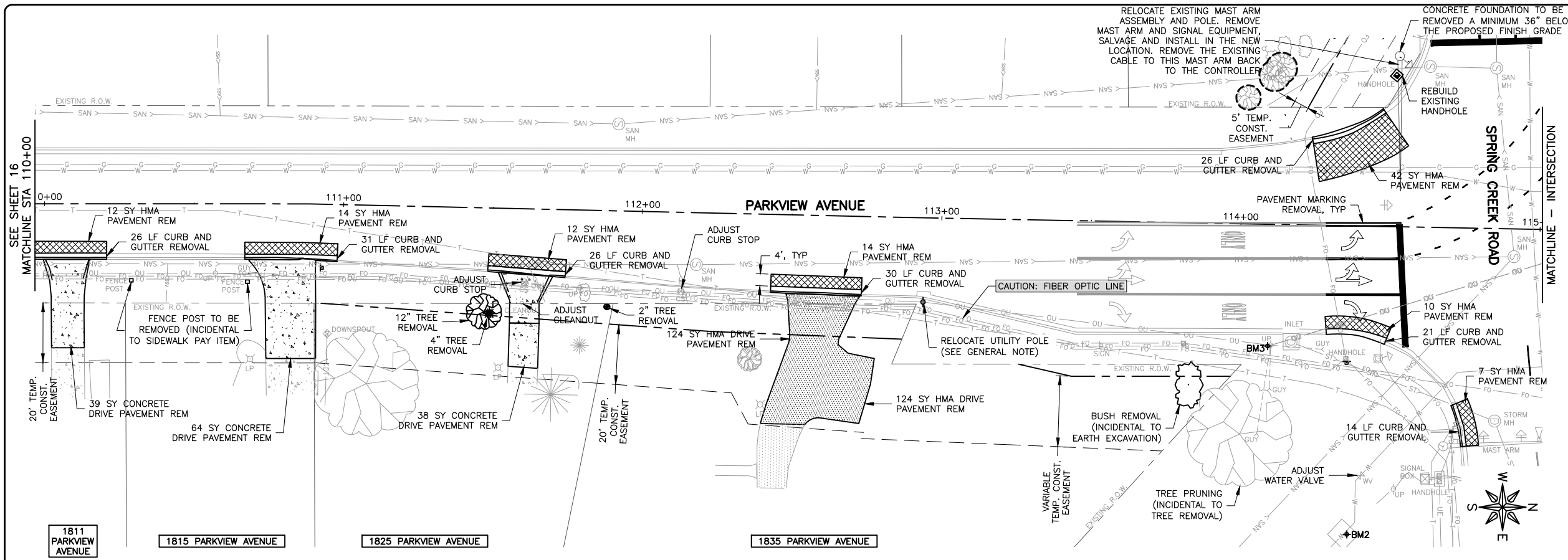
-  FULL DEPTH REMOVAL OF PAVEMENT AND SUBBASE TO ATTAIN PROPOSED PAVEMENT SECTION.
-  CONCRETE SIDEWALK TO BE REMOVED.
-  FULL DEPTH REMOVAL OF CONCRETE PAVEMENT AND STONE BASE.
-  FULL DEPTH REMOVAL OF HMA PAVEMENT AND STONE BASE.
-  COMBINATION CONCRETE CURB & GUTTER TO BE REMOVED & REPLACED.
-  TREE TO BE REMOVED
-  FENCE TO BE REMOVED
-  TREE PROTECTION

**GENERAL NOTES:**

CONTRACTOR TO RESTORE ANY DISTURBED AREA TO PRE CONSTRUCTION CONDITIONS

TREE REMOVAL TO BE REVIEWED IN FIELD AND COMPLETED PER DISCRETION OF OWNER AND ENGINEER. TREES NOT TO BE REMOVED WITHIN WORK ZONE SHALL BE PROTECTED.

ALL EDGES OF PAVEMENT SURFACES, INCLUDING SIDEWALK, SHALL BE SAWCUT PRIOR TO REMOVAL.



**KEY MAP**

- BENCHMARKS**
- BM1 = CUT "X" ON BACK OF CURB (CP402)  
N=2049739.15, E=2596681.45, ELEV=722.79
  - BM2 = CUT "X" ON CONCRETE (CP403)  
N=2049632.67, E=2596782.91, ELEV=727.20
  - BM3 = SPIKE IN POWER POLE (CP400)  
N=2049605.10, E=2596720.37, ELEV=727.15

**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
CITY OF ROCKFORD  
425 EAST STATE STREET  
ROCKFORD, IL 61104

PROJECT AND LOCATION:  
PARKVIEW AVENUE  
ROCKFORD, ILLINOIS

DRAWN BY: BF  
APPROVED BY: WK  
DATE: 2/8/23  
SCALE: AS NOTED

| REVISIONS |             |      |
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





DRAWING:  
PARKVIEW AVE EXISTING CONDITIONS AND REMOVAL PLAN

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20-394A

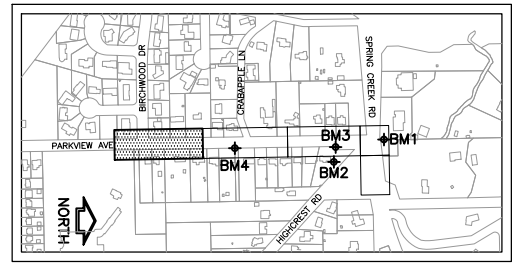
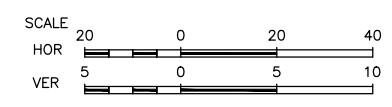
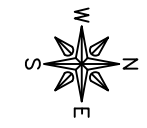
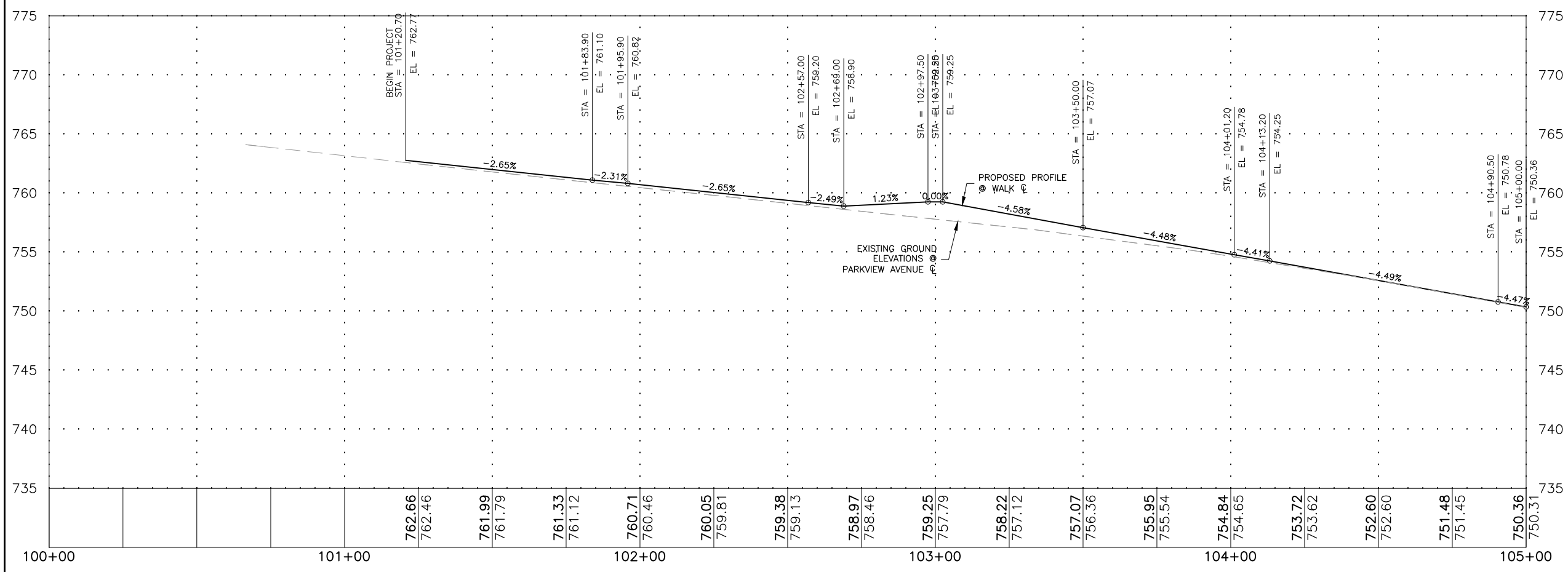
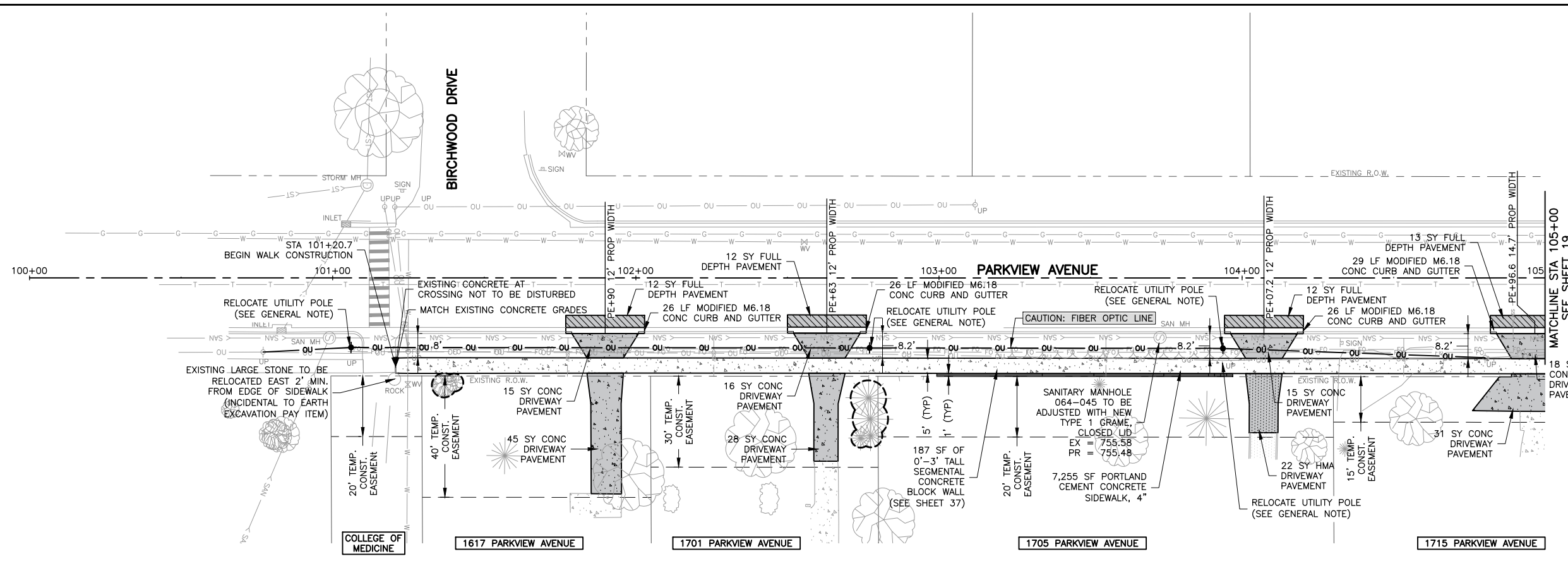
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17 of 49

**LEGEND**

-  FULL DEPTH HMA (HOT-MIX ASPHALT) STREET PAVEMENT PATCHING (SEE DETAIL ON SHEET 43)
-  HMA (HOT-MIX ASPHALT) DRIVEWAY PAVEMENT (SEE DETAIL ON SHEET 43)
-  PCC DRIVEWAY PAVEMENT (SEE DETAIL ON SHEET 43)
-  CONCRETE SIDEWALK, 4" (SEE DETAIL ON SHEET 43)
-  CONCRETE CURB & GUTTER (SEE DETAIL ON SHEET 43)
-  TREE PROTECTION (SEE DETAIL ON SHEET 41)

**GENERAL NOTES**

- CONTRACTOR TO RESTORE ANY DISTURBED AREA TO PRE CONSTRUCTION CONDITIONS
- SIDEWALK SHALL BE CONSTRUCTED PER IDOT AND PROWAG STANDARDS IN ALL LOCATIONS, INCLUDING RAMPS.
- ALL EDGES OF PAVEMENT SURFACES, INCLUDING SIDEWALK, AND CURB AND GUTTER SHALL BE SAWCUT PRIOR TO REMOVAL.
- ALL CURB AND GUTTER TO BE MODIFIED M6.18 UNLESS NOTED OTHERWISE (SEE DETAIL)
- ALL EXISTING AND PROPOSED WATER VALVES, FIRE HYDRANTS, STORM SEWER MANHOLES, STORM SEWER INLETS AND SANITARY SEWER MANHOLES SHALL BE ADJUSTED TO FINAL GRADE.
- POSITIVE DRAINAGE SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.
- EXISTING SIGNS AND SIGN POSTS TO BE REMOVED, PROTECTED, AND RE-INSTALLED. INCIDENTAL TO EXCAVATION PAY ITEM.
- UTILITY POLE TO BE RELOCATED BY COMED. CONTRACTOR TO COORDINATE AND COOPERATE TO SCHEDULE RELOCATION WITH COMED.



**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
CITY OF ROCKFORD  
425 EAST STATE STREET  
ROCKFORD, IL 61104

PROJECT AND LOCATION:  
PARKVIEW AVENUE  
ROCKFORD, ILLINOIS

DRAWN BY: BF  
APPROVED BY: WK  
DATE: 2/8/23  
SCALE: AS NOTED

| REVISIONS |             |      |
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



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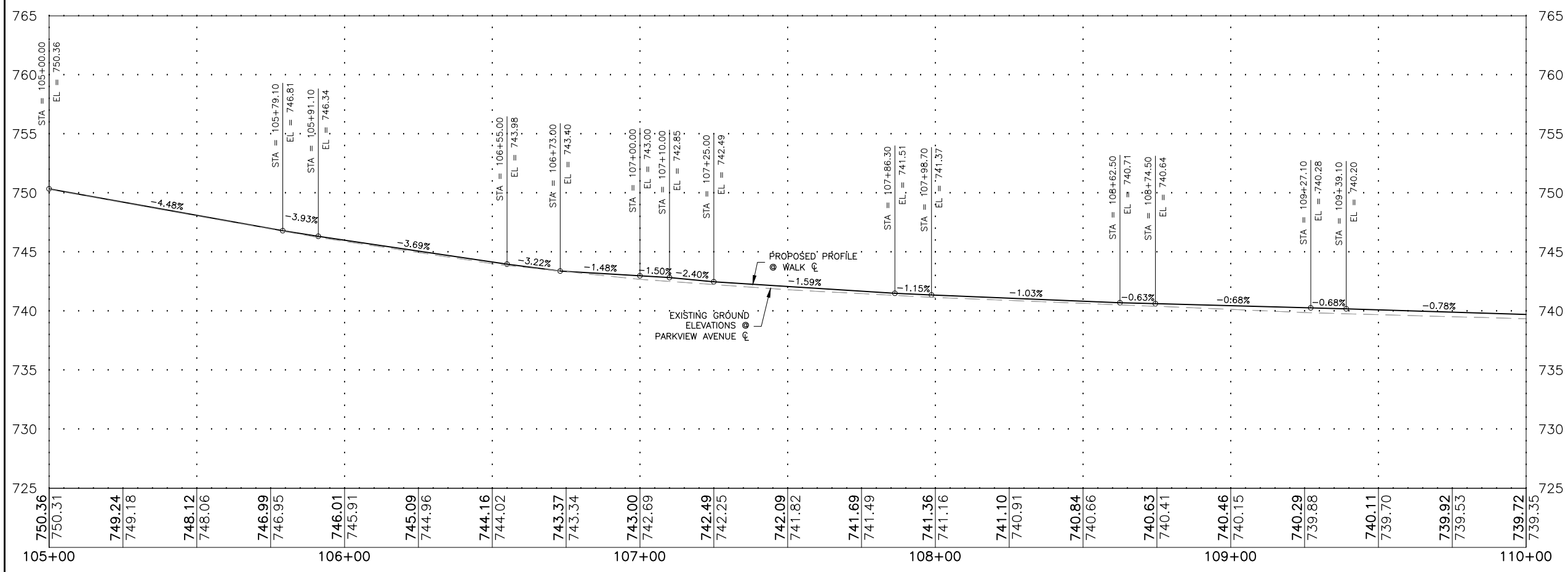
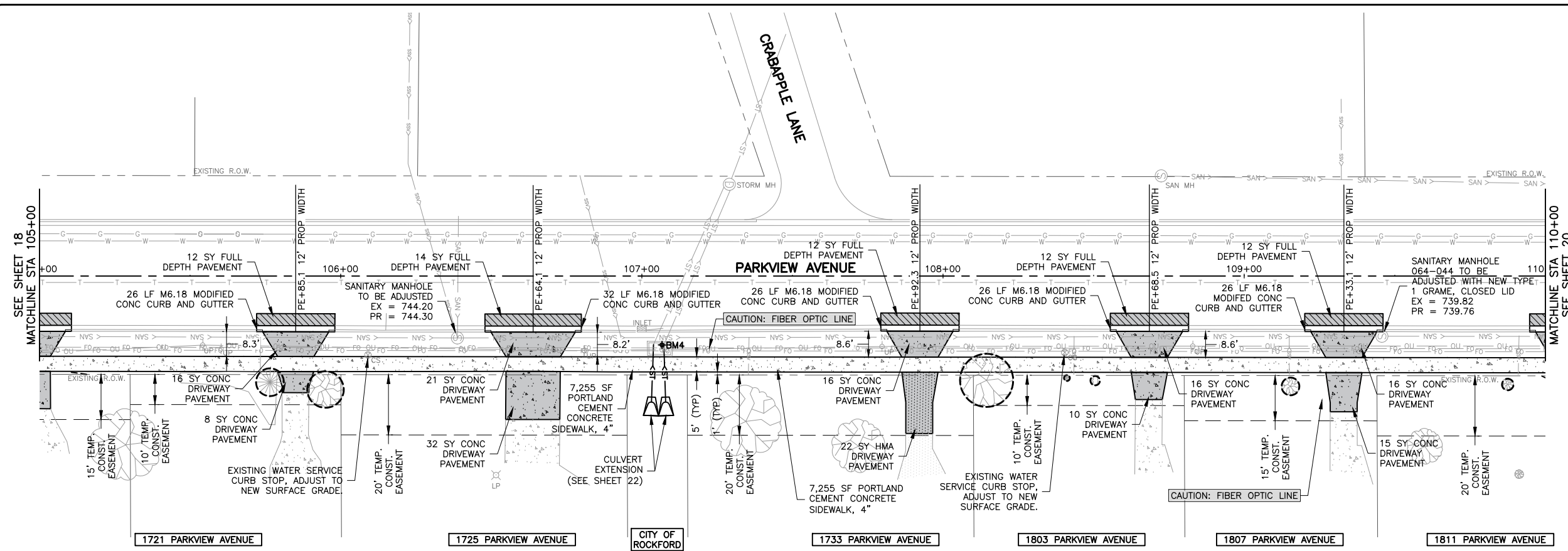
SHEET NUMBER:  
18 of 49

**LEGEND**

-  FULL DEPTH HMA (HOT-MIX ASPHALT) STREET PAVEMENT PATCHING (SEE DETAIL ON SHEET 43)
-  HMA (HOT-MIX ASPHALT) DRIVEWAY PAVEMENT (SEE DETAIL ON SHEET 43)
-  PCC DRIVEWAY PAVEMENT (SEE DETAIL ON SHEET 43)
-  CONCRETE SIDEWALK, 4" (SEE DETAIL ON SHEET 43)
-  CONCRETE CURB & GUTTER (SEE DETAIL ON SHEET 43)
-  TREE PROTECTION (SEE DETAIL ON SHEET 41)

**GENERAL NOTES**

- CONTRACTOR TO RESTORE ANY DISTURBED AREA TO PRE CONSTRUCTION CONDITIONS
- SIDEWALK SHALL BE CONSTRUCTED PER IDOT AND PROWAG STANDARDS IN ALL LOCATIONS, INCLUDING RAMPS.
- ALL EDGES OF PAVEMENT SURFACES, INCLUDING SIDEWALK, AND CURB AND GUTTER SHALL BE SAWCUT PRIOR TO REMOVAL.
- ALL CURB AND GUTTER TO BE MODIFIED M6.18 UNLESS NOTED OTHERWISE (SEE DETAIL)
- ALL EXISTING AND PROPOSED WATER VALVES, FIRE HYDRANTS, STORM SEWER MANHOLES, STORM SEWER INLETS AND SANITARY SEWER MANHOLES SHALL BE ADJUSTED TO FINAL GRADE.
- POSITIVE DRAINAGE SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.
- EXISTING SIGNS AND SIGN POSTS TO BE REMOVED, PROTECTED, AND RE-INSTALLED. INCIDENTAL TO EXCAVATION PAY ITEM.



SCALE  
HOR 20 0 20 40  
VER 5 0 5 10

**KEY MAP**

BM4 = CUT SQUARE ON STRUCTURE (CP401)  
N=2048902.05, E=2596707.37, ELEV=742.24

**BENCHMARKS**

**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
CITY OF ROCKFORD  
425 EAST STATE STREET  
ROCKFORD, IL 61104

PROJECT AND LOCATION:  
PARKVIEW AVENUE  
ROCKFORD, ILLINOIS

DRAWN BY: BF  
APPROVED BY: WK  
DATE: 2/8/23  
SCALE: AS NOTED

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





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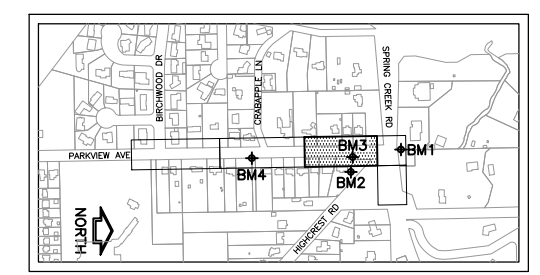
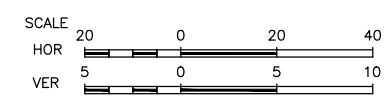
SHEET NUMBER:  
19 of 49

**LEGEND**

-  FULL DEPTH HMA (HOT-MIX ASPHALT) STREET PAVEMENT PATCHING (SEE DETAIL ON SHEET 43)
-  HMA (HOT-MIX ASPHALT) DRIVEWAY PAVEMENT (SEE DETAIL ON SHEET 43)
-  PCC DRIVEWAY PAVEMENT (SEE DETAIL ON SHEET 43)
-  CONCRETE SIDEWALK, 4" (SEE DETAIL ON SHEET 43)
-  CONCRETE CURB & GUTTER (SEE DETAIL ON SHEET 43)
-  TREE PROTECTION (SEE DETAIL ON SHEET 41)

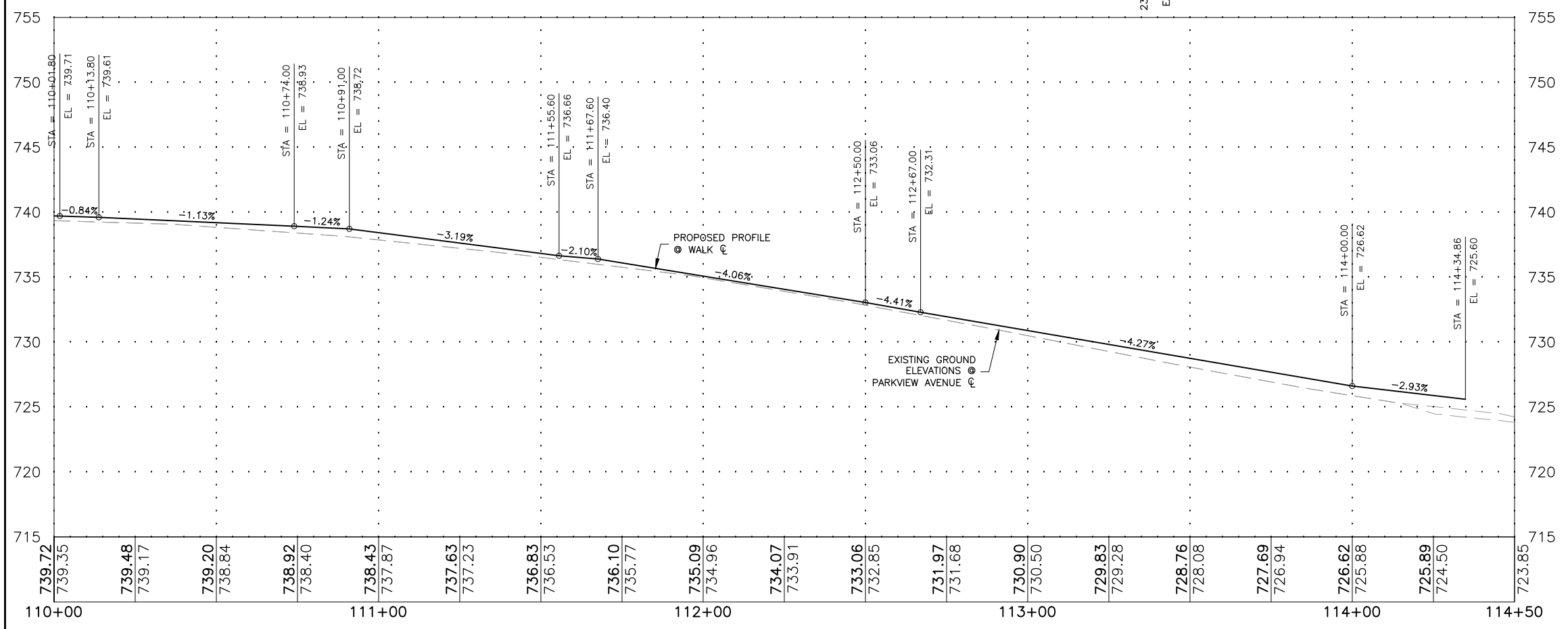
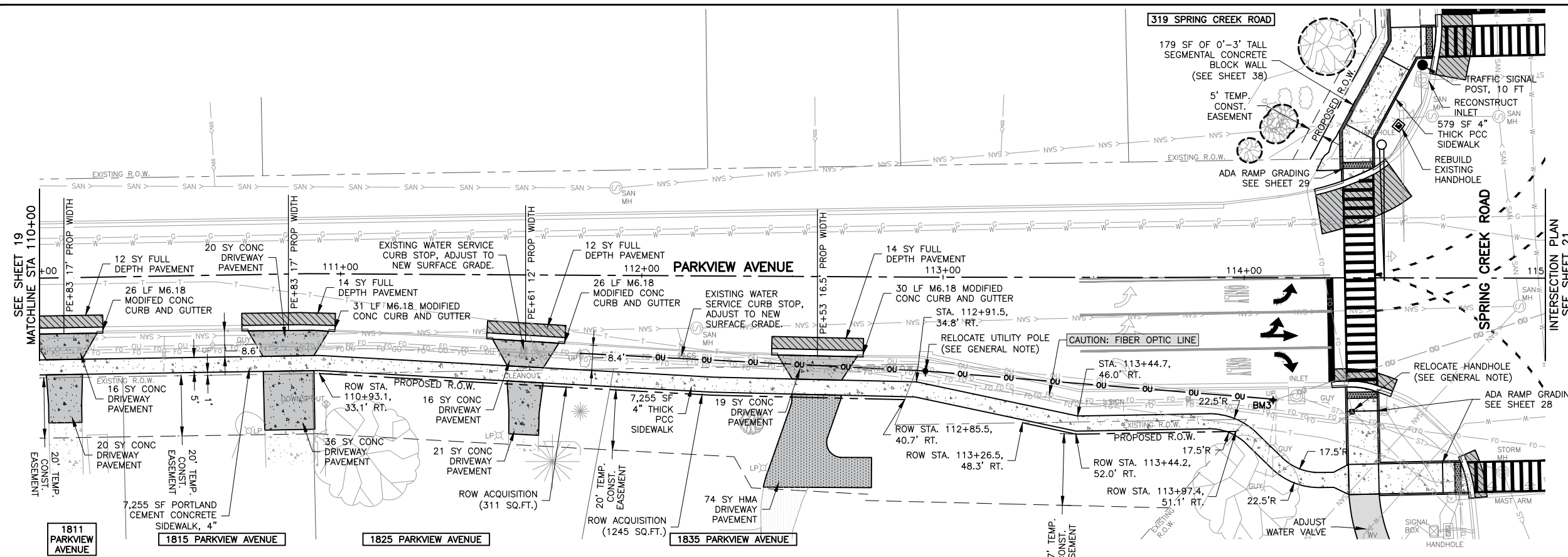
**GENERAL NOTES**

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- ALL EDGES OF PAVEMENT SURFACES, INCLUDING SIDEWALK, AND CURB AND GUTTER SHALL BE SAWCUT PRIOR TO REMOVAL.
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- ALL EXISTING AND PROPOSED WATER SERVICES, FIRE HYDRANTS, STORM SEWER MANHOLES, STORM SEWER INLETS AND SANITARY SEWER MANHOLES SHALL BE ADJUSTED TO FINAL GRADE.
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- EXISTING SIGNS AND SIGN POSTS TO BE REMOVED, PROTECTED, AND RE-INSTALLED. INCIDENTAL TO EXCAVATION PAY ITEM.
- FIBER HANHOLES TO BE RELOCATED BY FIBER COMPANIES. CONTRACTOR TO COORDINATE AND COOPERATE TO SCHEDULE RELOCATION WITH FIBER COMPANIES.



BM3 = SPIKE IN POWER POLE (CP400)  
N=2049605.10, E=2596720.37, ELEV=727.15

**BENCHMARKS**



**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
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ROCKFORD, IL 61104

PROJECT AND LOCATION:  
PARKVIEW AVENUE  
ROCKFORD, ILLINOIS

DRAWN BY: BF  
APPROVED BY: WK  
DATE: 2/8/23  
SCALE: AS NOTED

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




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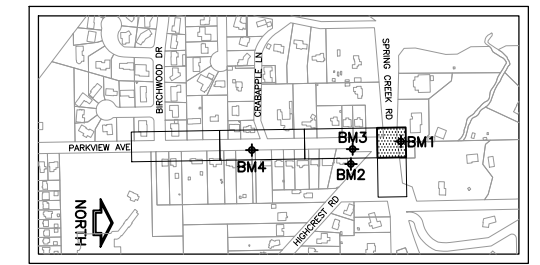
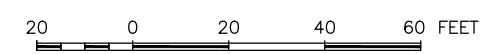
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20 of 49

**LEGEND**

-  FULL DEPTH HMA (HOT-MIX ASPHALT) STREET PAVEMENT PATCHING (SEE DETAIL ON SHEET 43)
-  HMA (HOT-MIX ASPHALT) DRIVEWAY PAVEMENT (SEE DETAIL ON SHEET 43)
-  PCC DRIVEWAY PAVEMENT (SEE DETAIL ON SHEET 43)
-  CONCRETE SIDEWALK, 4" (SEE DETAIL ON SHEET 43)
-  HMA MULTIUSE PATH PAVEMENT (SEE DETAIL ON SHEET 42)
-  CONCRETE CURB & GUTTER (SEE DETAIL ON SHEET 43)
-  TREE PROTECTION (SEE DETAIL ON SHEET 41)

**GENERAL NOTES**

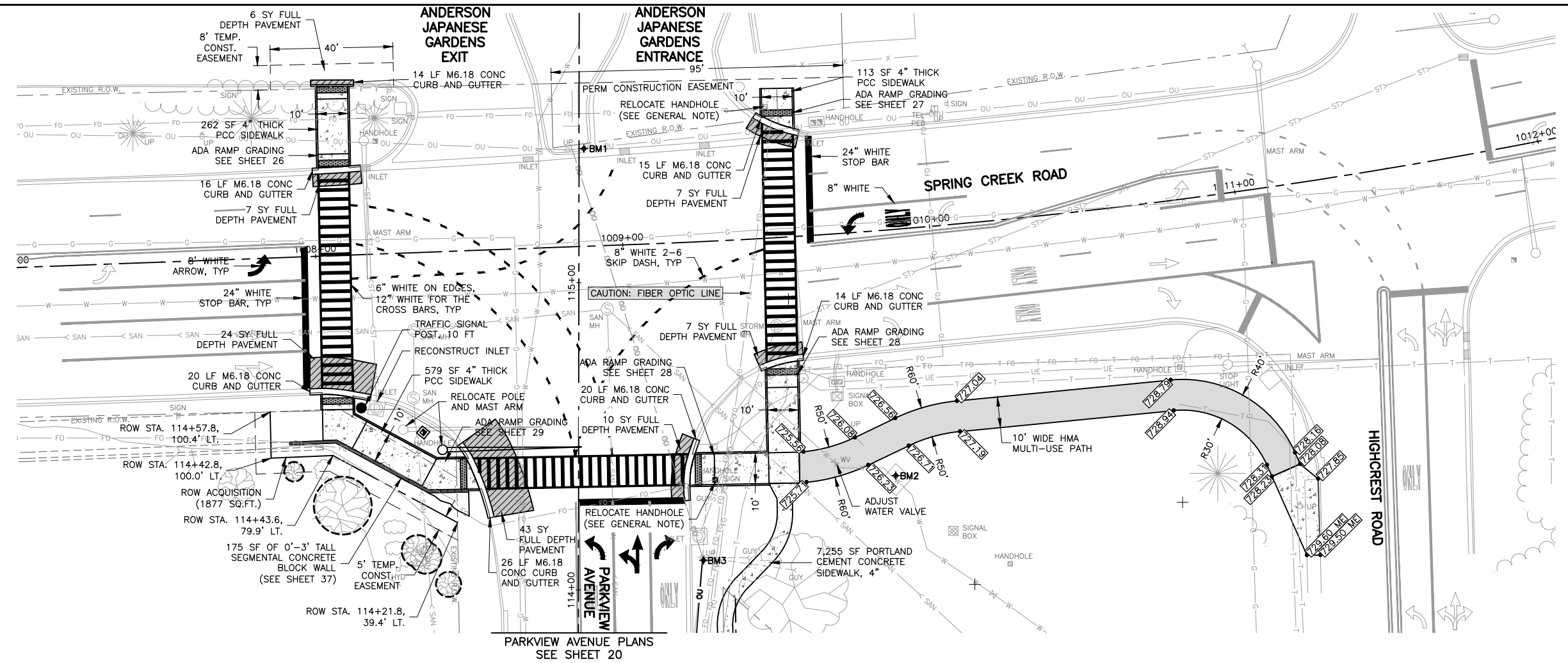
- CONTRACTOR TO RESTORE ANY DISTURBED AREA TO PRE CONSTRUCTION CONDITIONS
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- FIBER HANHOLES TO BE RELOCATED BY FIBER COMPANIES. CONTRACTOR TO COORDINATE AND COOPERATE TO SCHEDULE RELOCATION WITH FIBER COMPANIES.



**KEY MAP**

- BM1 = CUT "X" ON BACK OF CURB (CP402)  
N=2049739.15, E=2596681.45, ELEV=727.79
- BM2 = CUT "X" ON CONCRETE (CP403)  
N=2049632.67, E=2596782.91, ELEV=727.20
- BM3 = SPIKE IN POWER POLE (CP400)  
N=2049605.10, E=2596720.37, ELEV=727.15

**BENCHMARKS**



**PARKVIEW AVENUE PLANS  
SEE SHEET 20**

**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
CITY OF ROCKFORD  
425 EAST STATE STREET  
ROCKFORD, IL 61104

PROJECT AND LOCATION:  
PARKVIEW AVENUE  
ROCKFORD, ILLINOIS

DRAWN BY: BF  
APPROVED BY: WK  
DATE: 2/8/23  
SCALE: AS NOTED

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**20-394A**

SHEET NUMBER:  
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LEGEND



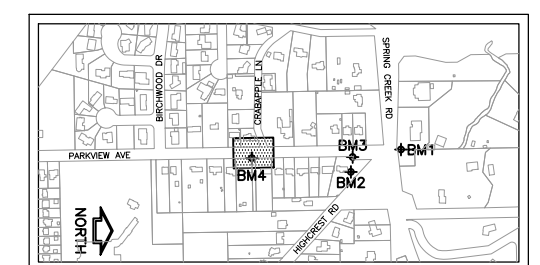
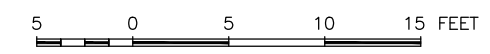
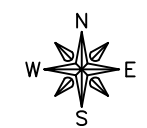
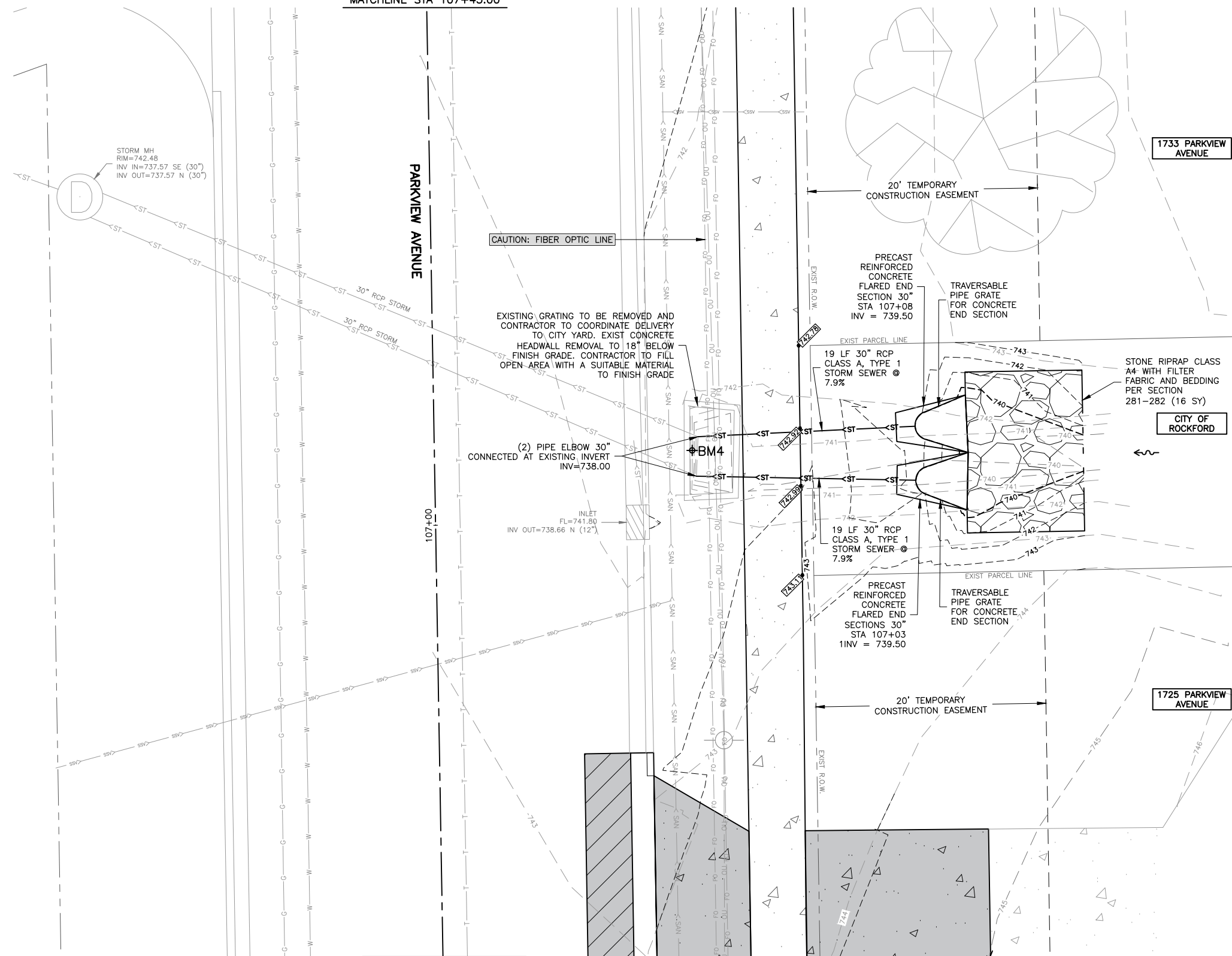
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GENERAL NOTES:

- CONTRACTOR TO RESTORE ANY DISTURBED AREA TO PRE CONSTRUCTION CONDITIONS
- SIDEWALK SHALL BE CONSTRUCTED PER IDOT AND PROWAG STANDARDS IN ALL LOCATIONS, INCLUDING RAMPS.
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- POSITIVE DRAINAGE SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.
- EXISTING SIGNS AND SIGN POSTS TO BE REMOVED, PROTECTED, AND RE-INSTALLED. INCIDENTAL TO EXCAVATION PAY ITEM.
- TRENCH BACKFILL TO BE PLACED UNDER SIDEWALK AND EXTEND 2' BEYOND SIDEWALK EDGES. COST SHALL BE INCLUDED IN THE UNIT PRICE OF PIPE.

SEE SHEET 19  
PARKVIEW AVENUE PLANS  
MATCHLINE STA 107+45.00

MATCHLINE STA 106+62.50  
PARKVIEW AVENUE PLANS  
SEE SHEET 19



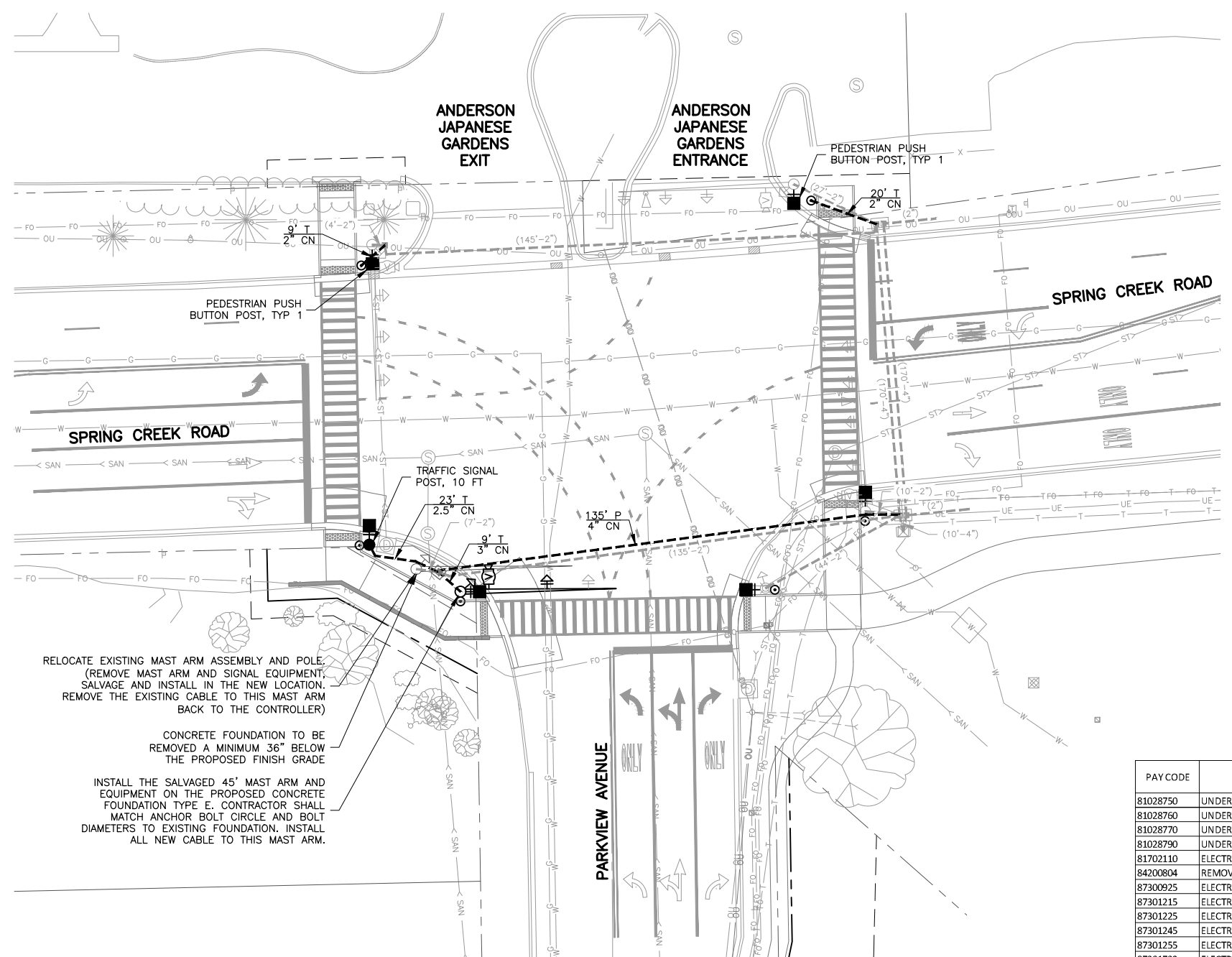
KEY MAP

BM4 = CUT SQUARE ON STRUCTURE (CP401)  
N=2048902.05, E=2596707.37, ELEV=742.24

BENCHMARKS

| REVISIONS |             |      |
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| LEGEND |   |
|--------|---|
|        | EXISTING CONTROLLER   |
|        | PROPOSED CONTROLLER   |
|        | EXISTING STEEL MAST ARM ASSEMBLY AND POLE   |
|        | PROPOSED STEEL MAST ARM ASSEMBLY AND POLE   |
|        | EXISTING SIGNAL HEAD AND POST   |
|        | PROPOSED SIGNAL HEAD AND POST   |
|        | EXISTING SIGNAL HEAD  |
|        | PROPOSED SIGNAL HEAD  |
|        | EXISTING SIGNAL HEAD WITH BACKPLATE   |
|        | PROPOSED SIGNAL HEAD WITH BACKPLATE   |
|        | EXISTING PEDESTRIAN HEAD  |
|        | PROPOSED PEDESTRIAN HEAD  |
|        | EXISTING PEDESTRIAN PUSH-BUTTON   |
|        | PROPOSED PEDESTRIAN PUSH-BUTTON   |
|        | EXISTING HANDHOLE   |
|        | PROPOSED HANDHOLE   |
|        | EXISTING HEAVY-DUTY HANDHOLE  |
|        | PROPOSED HEAVY-DUTY HANDHOLE  |
|        | EXISTING DOUBLE HANDHOLE  |
|        | PROPOSED DOUBLE HANDHOLE  |
|        | EXISTING LUMINAIRE  |
|        | PROPOSED LUMINAIRE  |
|        | EXISTING PRIORITY VEHICLE DETECTION   |
|        | PROPOSED PRIORITY VEHICLE DETECTION   |
|        | EXISTING VIDEO DETECTION CAMERA   |
|        | PROPOSED VIDEO DETECTION CAMERA   |
|        | EXISTING DUAL EMERGENCY VEHICLE SIGNAL CONTROL SYSTEM WITH DUAL CONFIRMATION BEACON   |
|        | PROPOSED DUAL EMERGENCY VEHICLE SIGNAL CONTROL SYSTEM WITH DUAL CONFIRMATION BEACON   |
|        | EXISTING CONDUIT (LENGTH AND SIZE) COILABLE, NON-METALLIC (CN) OR PVC CONDUIT, UPPER NUMERAL INDICATES LENGTH, "T" INDICATES CONDUIT IN TRENCH, "P" INDICATES CONDUIT PUSHED, LOWER NUMERAL INDICATES SIZE AND CONDUIT TYPE |
|        | PROPOSED CONDUIT (LENGTH AND SIZE) COILABLE, NON-METALLIC (CN) OR PVC CONDUIT, UPPER NUMERAL INDICATES LENGTH, "T" INDICATES CONDUIT IN TRENCH, "P" INDICATES CONDUIT PUSHED, LOWER NUMERAL INDICATES SIZE AND CONDUIT TYPE |

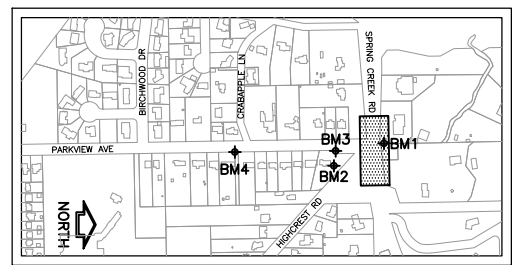
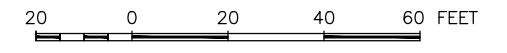


**TRAFFIC SIGNAL GENERAL NOTES**

THE EXACT LOCATION OF THE TRAFFIC SIGNAL EQUIPMENT IS SUBJECT TO CHANGE IN THE FIELD. THE ENGINEER AND MUNICIPALITY SHALL BE NOTIFIED AND APPROVE OF ANY CHANGES.

ALL SIGNAL CABLE SHALL BE MARKED WITH ELECTRIC TAPE FOR IDENTIFICATION PURPOSES. THIS IDENTIFICATION SHALL BE DONE AT THE CONTROLLER AND IN THE SIGNAL HEAD.

CONTRACTOR MUST SUBMIT SHOP DRAWINGS FOR TRAFFIC SIGNAL POSTS CONSISTENT WITH I.D.O.T. PRE-APPROVED DESIGNS FOR LOADINGS REPRESENTED ON PLANS.



**TABULATION OF QUANTITIES**

| PAY CODE | DESCRIPTION   | UNIT | QUANTITY |
|----------|---|------|----------|
| 81028750 | UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.                | FOOT | 29       |
| 81028760 | UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2-1/2" DIA.            | FOOT | 23       |
| 81028770 | UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 3" DIA.                | FOOT | 9        |
| 81028790 | UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 4" DIA.                | FOOT | 135      |
| 81702110 | ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10                 | FOOT | 472      |
| 84200804 | REMOVAL OF POLE FOUNDATION  | EACH | 1        |
| 87300925 | ELECTRIC CABLE IN CONDUIT, TRACER, NO.14 1C                               | FOOT | 647      |
| 87301215 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO.14 2C                                | FOOT | 1,113    |
| 87301225 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO.14 3C                                | FOOT | 1,175    |
| 87301245 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO.14 5C                                | FOOT | 229      |
| 87301255 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C                               | FOOT | 76       |
| 87301732 | ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 20 3C                        | FOOT | 215      |
| 87301900 | ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C        | FOOT | 246      |
| 87500600 | TRAFFIC SIGNAL POST, 10 FT.   | EACH | 1        |
| 87600100 | PEDESTRIAN PUSH-BUTTON POST, TYPE I                                       | EACH | 2        |
| 87800100 | CONCRETE FOUNDATION, TYPE A   | FOOT | 3        |
| 87800415 | CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER                              | FOOT | 13       |
| 88102717 | PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER | EACH | 6        |
| 89501300 | RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE                              | EACH | 1        |
| X8760200 | ACCESSIBLE PEDESTRIAN SIGNALS   | EACH | 6        |

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ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
CITY OF ROCKFORD  
425 EAST STATE STREET  
ROCKFORD, IL 61104

PROJECT AND LOCATION:  
PARKVIEW AVENUE  
ROCKFORD, ILLINOIS

DRAWN BY: BF  
APPROVED BY: WK  
DATE: 2/8/23  
SCALE: AS NOTED

| REVISIONS |             |      |
|-----------|-------------|------|
| REV. NO.  | DESCRIPTION | DATE |
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|           |             |      |
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DRAWING:  
PARKVIEW AVE & SPRING BROOK RD  
SIGNAL PLAN

SET TYPE:  
G:\C30\20\20-394\20-394 Designing\_Signal Plan

JOB NUMBER:  
20-394A

SHEET NUMBER:  
23 of 49

**PHASE LEGEND**

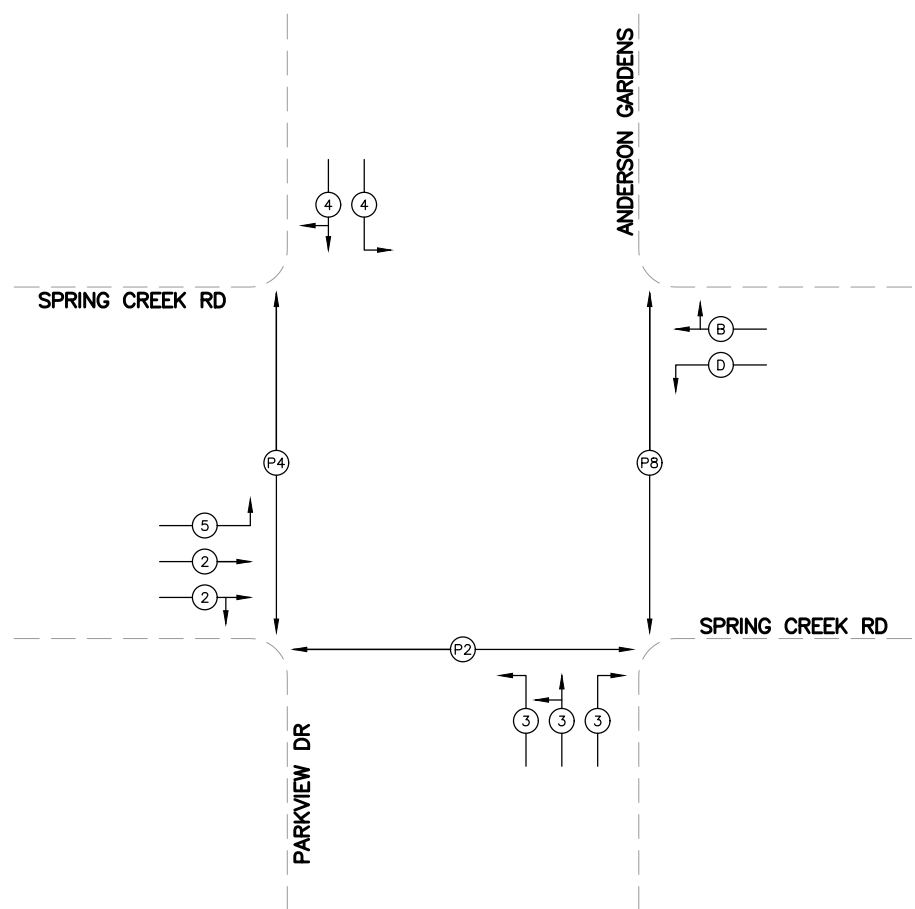
- ←(B)→ VEHICULAR MOVEMENT
- ←(P2)→ PEDESTRIAN MOVEMENT
- ←(B)→ PHASE 6 + PHASE 7
- ←(D)→ PHASE 1 + PHASE 7

**GENERAL NOTES**

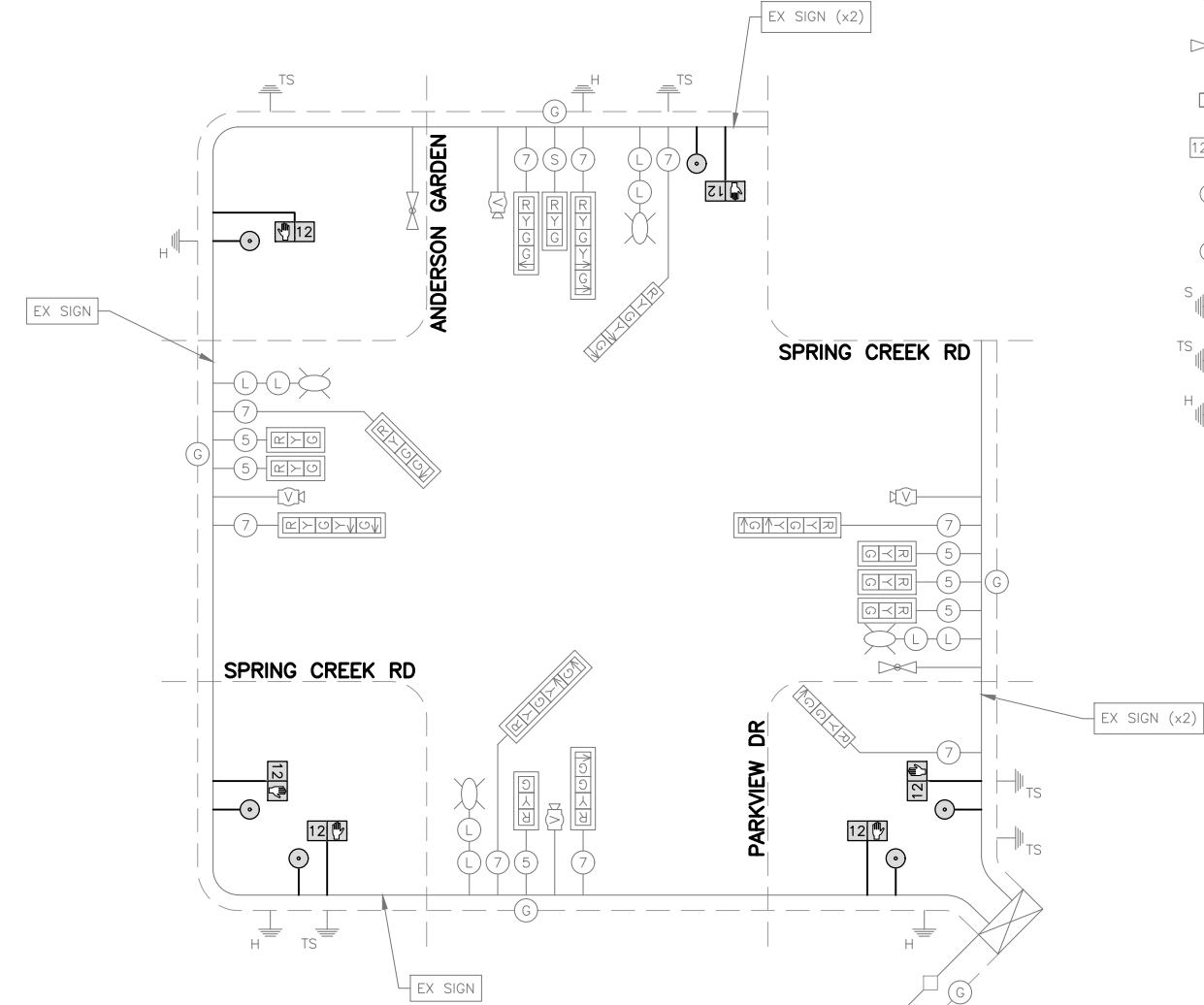
NUMBER REFERS TO ASSOCIATED PHASE.  
STATE STANDARD 857001-01 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES.  
THE CONTROLLER AT THIS INTERSECTION RUNS THE SPRING CREEK/PARKVIEW AND SPRING CREEK/HIGHCREST INTERSECTIONS.

**LEGEND**

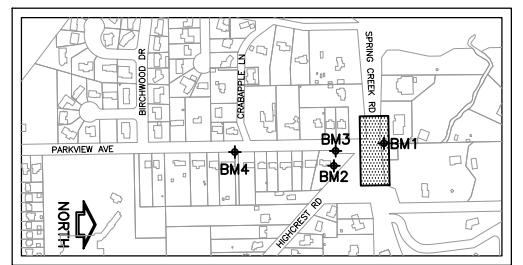
- EXISTING [Symbol] PROPOSED [Symbol] PROPOSED CONTROLLER
- [Symbol] [Symbol] SERVICE INSTALLATION
- [Symbol] [Symbol] DETECTOR LOOP
- [Symbol] [Symbol] LUMINAIRE
- [Symbol] [Symbol] INDICATES NUMBER OF NEW CONDUCTORS, ALL CABLE IS NO. 14 AWG EXCEPT AS INDICATED. "PR" OR "PAIR" INDICATES PAIR CABLE. ALL DETECTOR LOOP CABLE SHALL BE SHIELDED.
- [Symbol] [Symbol] NEW 12" SIGNAL HEAD WITH BACKPLATE (BACKPLATE FOR MAST ARM MOUNTS ONLY)
- [Symbol] [Symbol] GREEN GROUND WIRE TO SIGNAL POSTS-NO. 6.1C
- [Symbol] [Symbol] DUAL EMERGENCY VEHICLE SIGNAL CONTROL SYSTEM WITH DUAL CONFIRMATION BEACON
- [Symbol] [Symbol] VIDEO DETECTION CAMERA
- [Symbol] [Symbol] PEDESTRIAN SIGNAL HEAD
- [Symbol] [Symbol] PEDESTRIAN PUSH BUTTON
- [Symbol] [Symbol] LIGHTING CABLE 600V (XLP-TYPE USE) -1/C NO.10
- [Symbol] [Symbol] GROUND ROD AT ELECTRIC SERVICE INSTALLATION
- [Symbol] [Symbol] GROUND ROD AT TRAFFIC SIGNAL POST, MAST ARM POLE OR PEDESTRIAN SIGNAL POST
- [Symbol] [Symbol] GROUND ROD AT HANDHOLE OR DOUBLE HANDHOLE



PHASE DESIGNATION DIAGRAM  
SPRING CREEK ROAD AND  
PARKVIEW DRIVE INTERSECTION  
NOT TO SCALE



CABLE PLANS  
SPRING CREEK ROAD AND  
PARKVIEW DRIVE INTERSECTION  
NOT TO SCALE

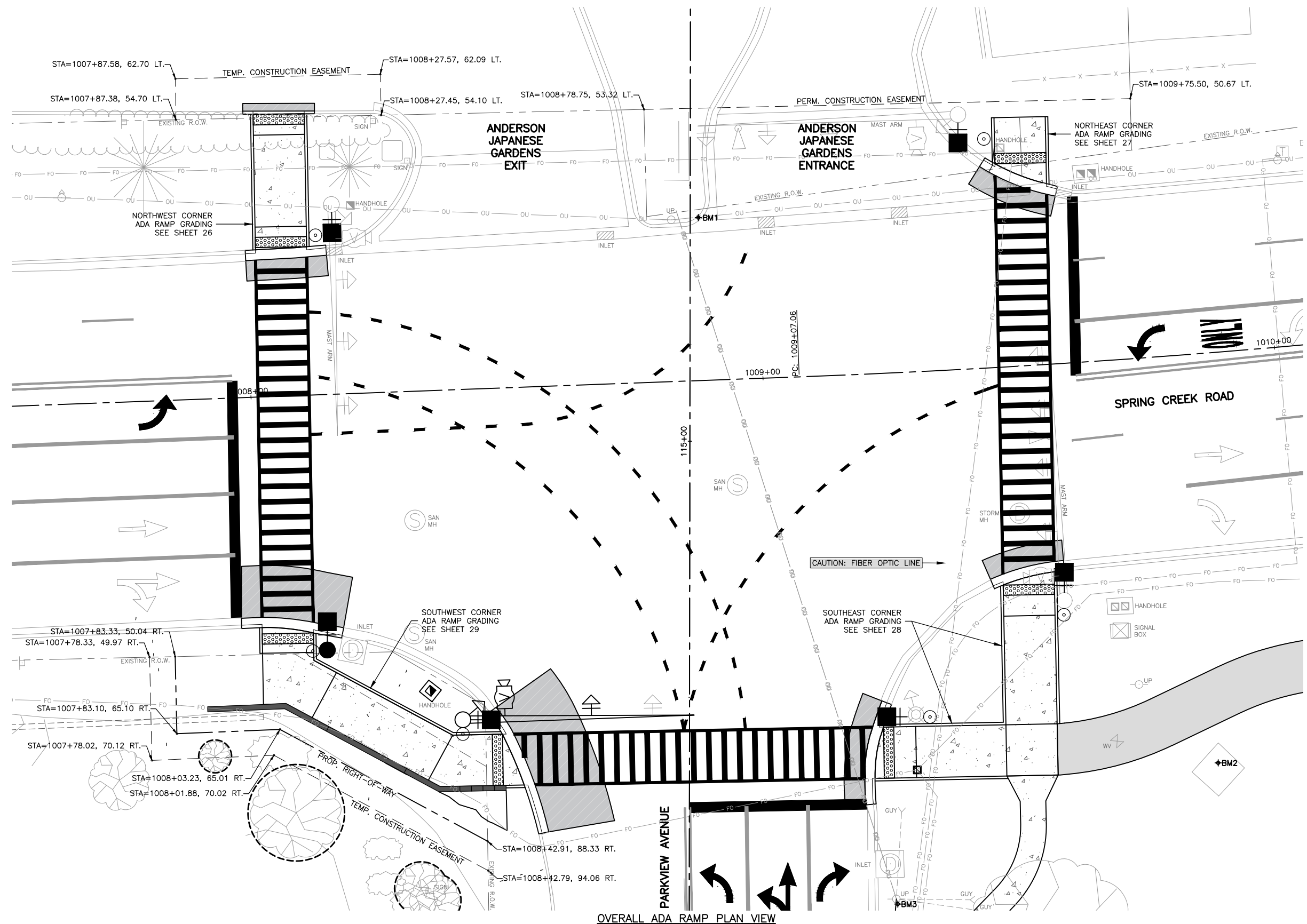


KEY MAP

- GENERAL NOTES**
- VIDEO DETECTION CABLE SHALL BE A CAT5E
  - TRACER WIRE SHALL BE INSTALLED IN ALL CONDUIT AND SHALL BE NO. 14 AWG, 1C

| REVISIONS |             |      |
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OVERALL ADA RAMP PLAN VIEW

**BENCHMARKS**

|  |
|--|
| BM1 = CUT "X" ON BACK OF CURB (CP402)<br>N=2049739.15, E=2596681.45, ELEV=722.79 |
| BM2 = CUT "X" ON CONCRETE (CP403)<br>N=2049632.67, E=2596782.91, ELEV=727.20     |
| BM3 = SPIKE IN POWER POLE (CP400)<br>N=2049605.10, E=2596720.37, ELEV=727.15     |

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PARKVIEW AVENUE  
ROCKFORD, ILLINOIS

DRAWN BY: BF  
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DATE: 2/8/23  
SCALE: AS NOTED

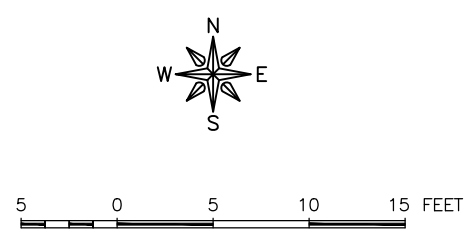
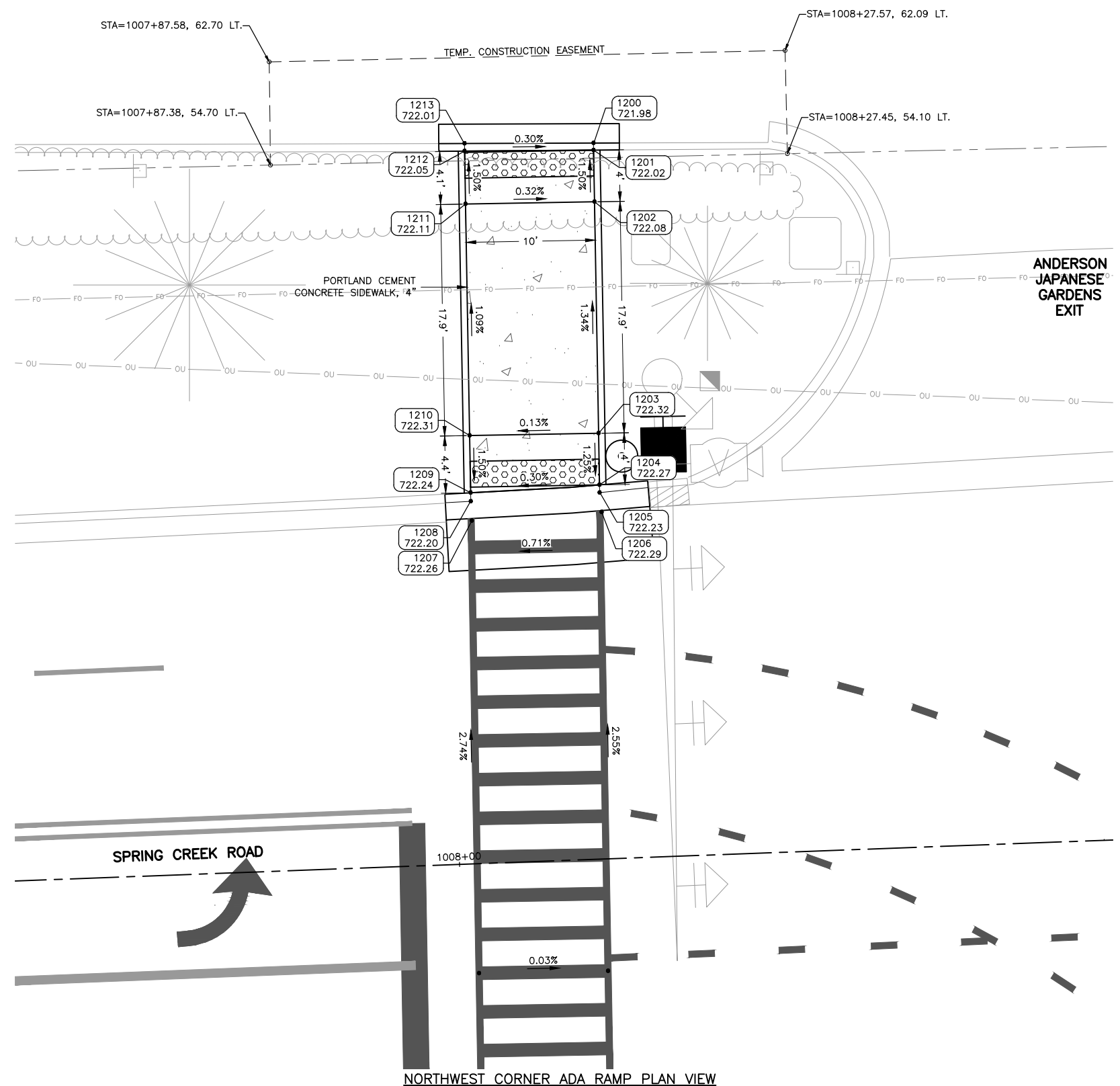
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DRAWING:  
OVERALL ADA PLAN  
SET TYPE:  
G:\30\20-394\20-394 ADA.dwg, ADA Plan

JOB NUMBER:  
20-394A  
SHEET NUMBER:  
25 of 49

NORTHWEST CORNER ADA RAMP

| ADA POINT TABLE |           |        |        |
|-----------------|-----------|--------|--------|
| POINT           | STATION   | OFFSET | ELEV   |
| 1200            | 115+64.38 | -75.35 | 721.98 |
| 1201            | 115+63.82 | -75.35 | 722.02 |
| 1202            | 115+59.82 | -75.28 | 722.08 |
| 1203            | 115+41.88 | -74.94 | 722.32 |
| 1204            | 115+37.88 | -74.86 | 722.27 |
| 1205            | 115+37.28 | -74.85 | 722.23 |
| 1206            | 115+35.78 | -74.69 | 722.29 |
| 1207            | 115+35.09 | -84.75 | 722.26 |
| 1208            | 115+36.59 | -84.83 | 722.20 |
| 1209            | 115+37.26 | -84.85 | 722.24 |
| 1210            | 115+41.69 | -84.93 | 722.31 |
| 1211            | 115+59.63 | -85.27 | 722.11 |
| 1212            | 115+63.74 | -85.35 | 722.05 |
| 1213            | 115+64.33 | -85.35 | 722.01 |



NORTHWEST CORNER ADA RAMP PLAN VIEW

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| REVISIONS |             |      |
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| REV. NO.  | DESCRIPTION | DATE |
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NORTHWEST CORNER ADA PLAN

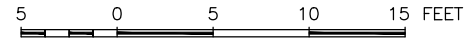
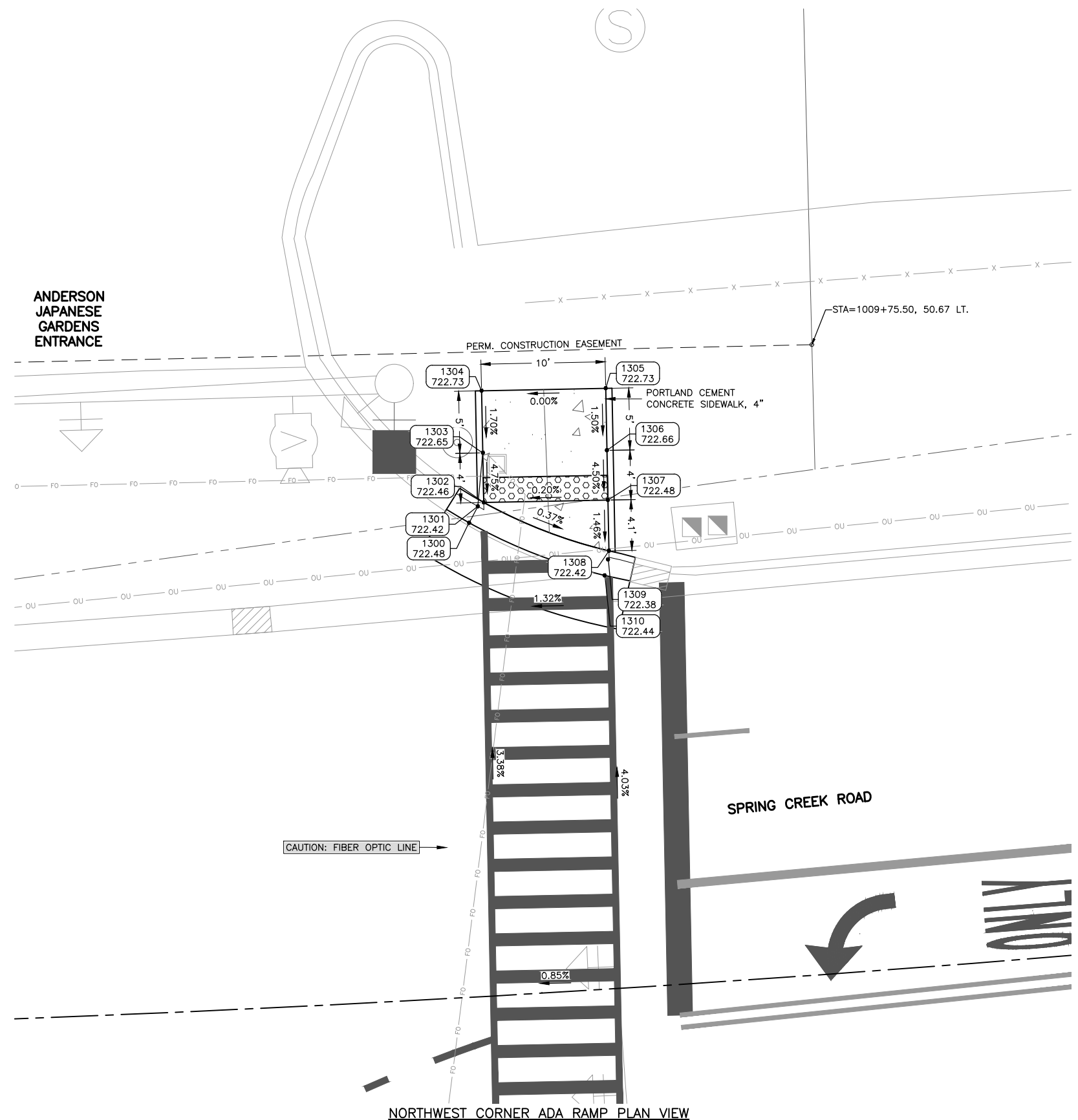
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20-394A

SHEET NUMBER:  
26 of 49

NORTHEAST CORNER ADA RAMP

| ADA POINT TABLE |           |        |        |
|-----------------|-----------|--------|--------|
| POINT           | STATION   | OFFSET | ELEV   |
| 1300            | 115+52.60 | 58.29  | 722.48 |
| 1301            | 115+53.93 | 58.98  | 722.42 |
| 1302            | 115+54.25 | 59.46  | 722.46 |
| 1303            | 115+58.25 | 59.38  | 722.65 |
| 1304            | 115+63.25 | 59.27  | 722.73 |
| 1305            | 115+63.46 | 69.26  | 722.73 |
| 1306            | 115+58.46 | 69.37  | 722.66 |
| 1307            | 115+54.46 | 69.45  | 722.48 |
| 1308            | 115+50.37 | 69.54  | 722.42 |
| 1309            | 115+49.67 | 69.47  | 722.38 |
| 1310            | 115+48.38 | 69.20  | 722.44 |



NORTHWEST CORNER ADA RAMP PLAN VIEW

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NORTHEAST CORNER ADA PLAN

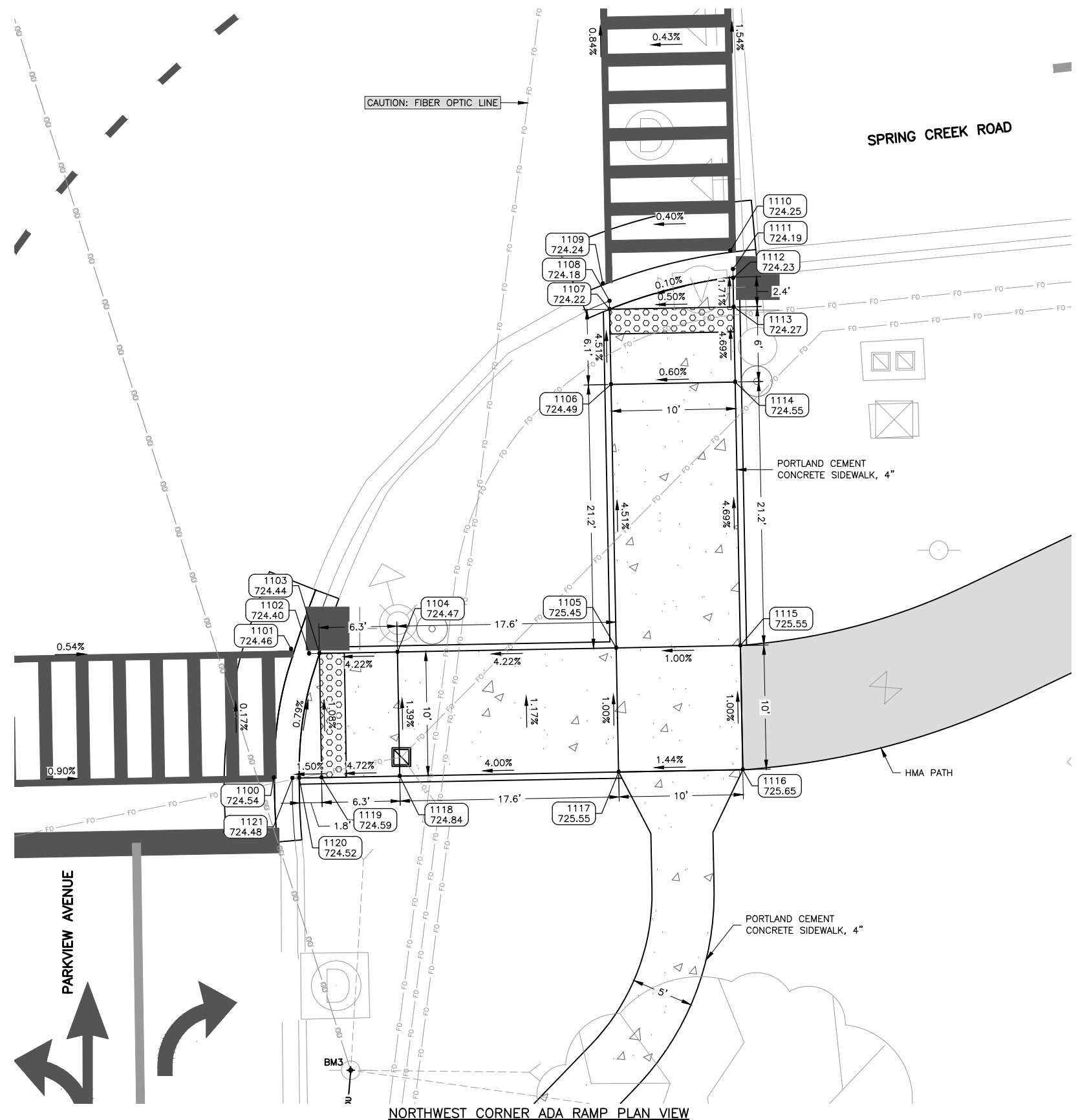
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20-394A

SHEET NUMBER:  
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SOUTHEAST CORNER ADA RAMP

| ADA POINT TABLE |           |        |        |
|-----------------|-----------|--------|--------|
| POINT           | STATION   | OFFSET | ELEV   |
| 1100            | 114+34.21 | 34.20  | 724.54 |
| 1101            | 114+44.58 | 35.57  | 724.46 |
| 1102            | 114+44.22 | 37.03  | 724.40 |
| 1103            | 114+44.23 | 37.86  | 724.44 |
| 1104            | 114+44.36 | 44.14  | 724.47 |
| 1105            | 114+44.71 | 61.76  | 725.45 |
| 1106            | 114+65.93 | 61.31  | 724.49 |
| 1107            | 114+71.99 | 61.19  | 724.22 |
| 1108            | 114+72.65 | 61.18  | 724.18 |
| 1109            | 114+74.05 | 60.65  | 724.24 |
| 1110            | 114+76.71 | 70.91  | 724.25 |
| 1111            | 114+75.23 | 71.12  | 724.19 |
| 1112            | 114+74.52 | 71.13  | 724.23 |
| 1113            | 114+72.18 | 71.18  | 724.27 |
| 1114            | 114+66.14 | 71.31  | 724.55 |
| 1115            | 114+44.91 | 71.76  | 725.55 |
| 1116            | 114+34.91 | 71.97  | 725.65 |
| 1117            | 114+34.71 | 61.97  | 725.55 |
| 1118            | 114+34.36 | 44.34  | 724.84 |
| 1119            | 114+34.23 | 38.05  | 724.59 |
| 1120            | 114+34.20 | 36.24  | 724.52 |
| 1121            | 114+34.19 | 35.70  | 724.48 |



NORTHWEST CORNER ADA RAMP PLAN VIEW

BM3 = SPIKE IN POWER POLE (CP400)  
N=2049605.10, E=2596720.37, ELEV=727.15  
**BENCHMARKS**

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PROJECT AND LOCATION:  
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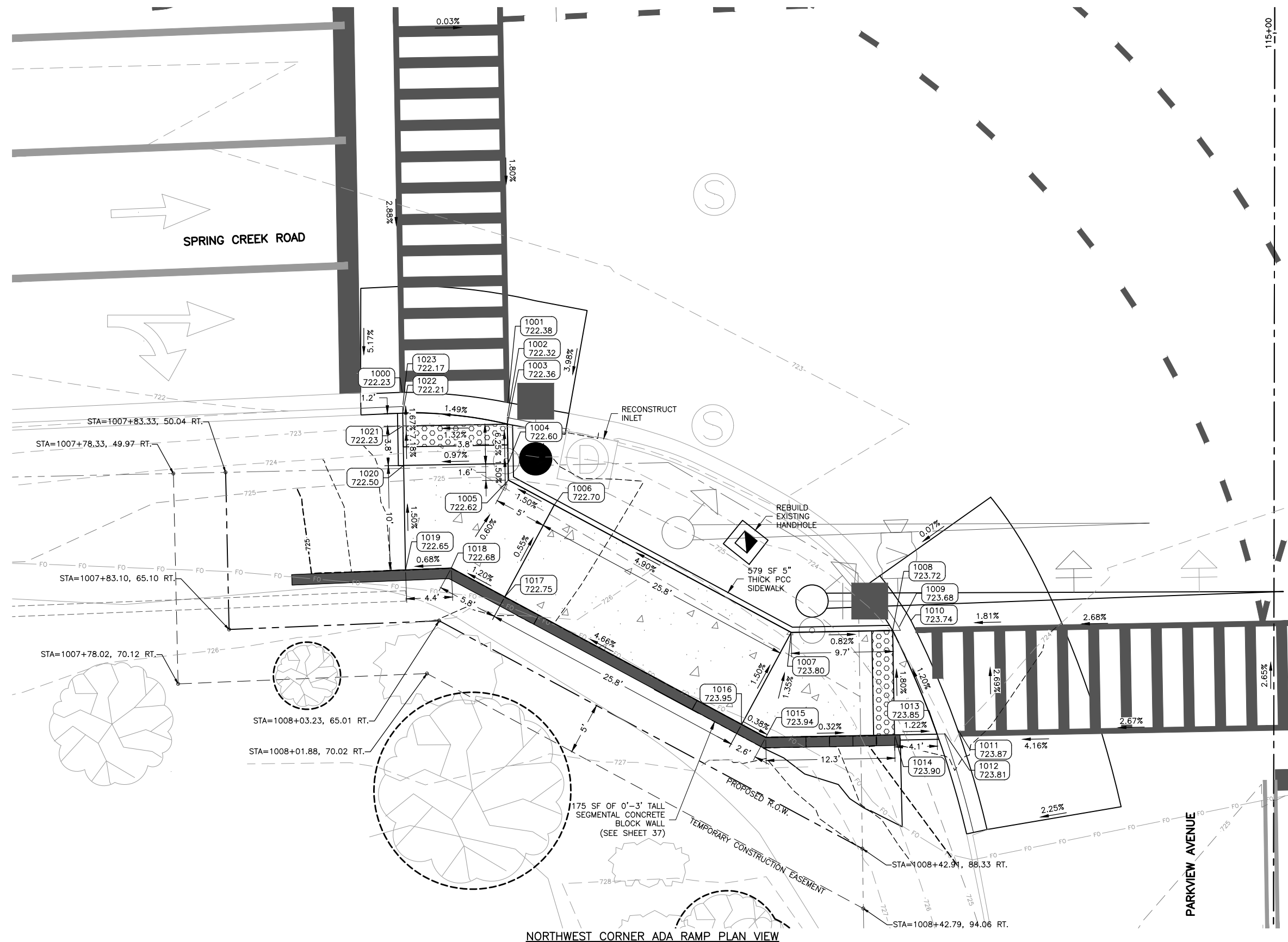
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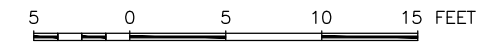
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20-394A  
SHEET NUMBER:  
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SOUTHWEST CORNER ADA RAMP

| ADA POINT TABLE |           |        |        |
|-----------------|-----------|--------|--------|
| POINT           | STATION   | OFFSET | ELEV   |
| 1000            | 114+65.49 | -83.50 | 722.23 |
| 1001            | 114+64.52 | -73.39 | 722.38 |
| 1002            | 114+63.10 | -73.44 | 722.32 |
| 1003            | 114+62.46 | -73.43 | 722.36 |
| 1004            | 114+58.68 | -73.36 | 722.60 |
| 1005            | 114+57.10 | -73.33 | 722.62 |
| 1006            | 114+54.73 | -68.92 | 722.70 |
| 1007            | 114+42.55 | -46.22 | 723.80 |
| 1008            | 114+42.74 | -36.51 | 723.72 |
| 1009            | 114+43.02 | -35.92 | 723.68 |
| 1010            | 114+43.70 | -34.75 | 723.74 |
| 1011            | 114+33.35 | -30.31 | 723.87 |
| 1012            | 114+32.99 | -31.58 | 723.81 |
| 1013            | 114+32.83 | -32.23 | 723.85 |
| 1014            | 114+32.74 | -36.32 | 723.90 |
| 1015            | 114+32.50 | -48.64 | 723.94 |
| 1016            | 114+33.74 | -50.95 | 723.95 |
| 1017            | 114+45.92 | -73.65 | 722.75 |
| 1018            | 114+48.67 | -78.77 | 722.68 |
| 1019            | 114+48.48 | -83.16 | 722.65 |
| 1020            | 114+58.49 | -83.35 | 722.50 |
| 1021            | 114+62.27 | -83.43 | 722.23 |
| 1022            | 114+63.50 | -83.45 | 722.21 |
| 1023            | 114+64.20 | -83.46 | 722.17 |



NORTHWEST CORNER ADA RAMP PLAN VIEW



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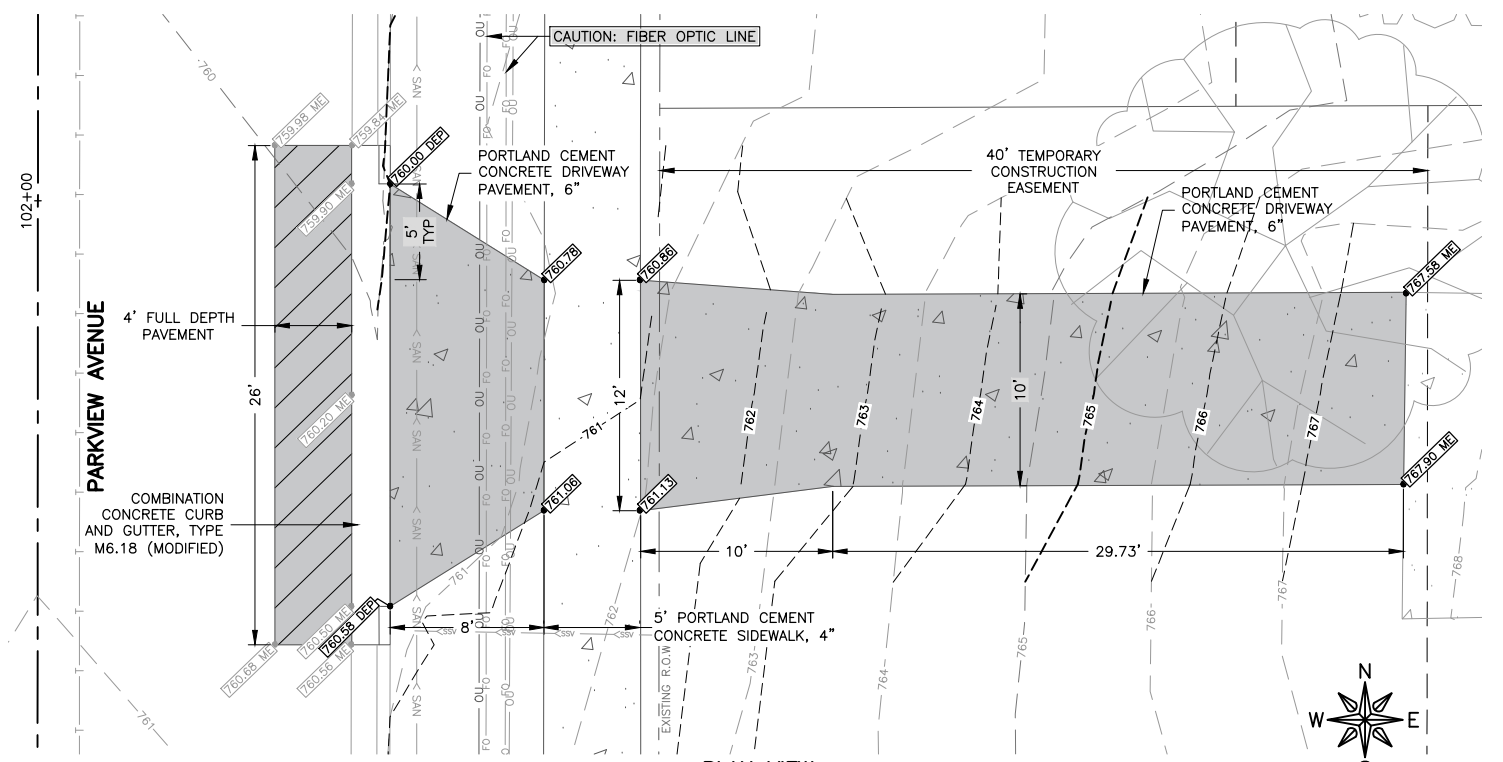
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SCALE: AS NOTED

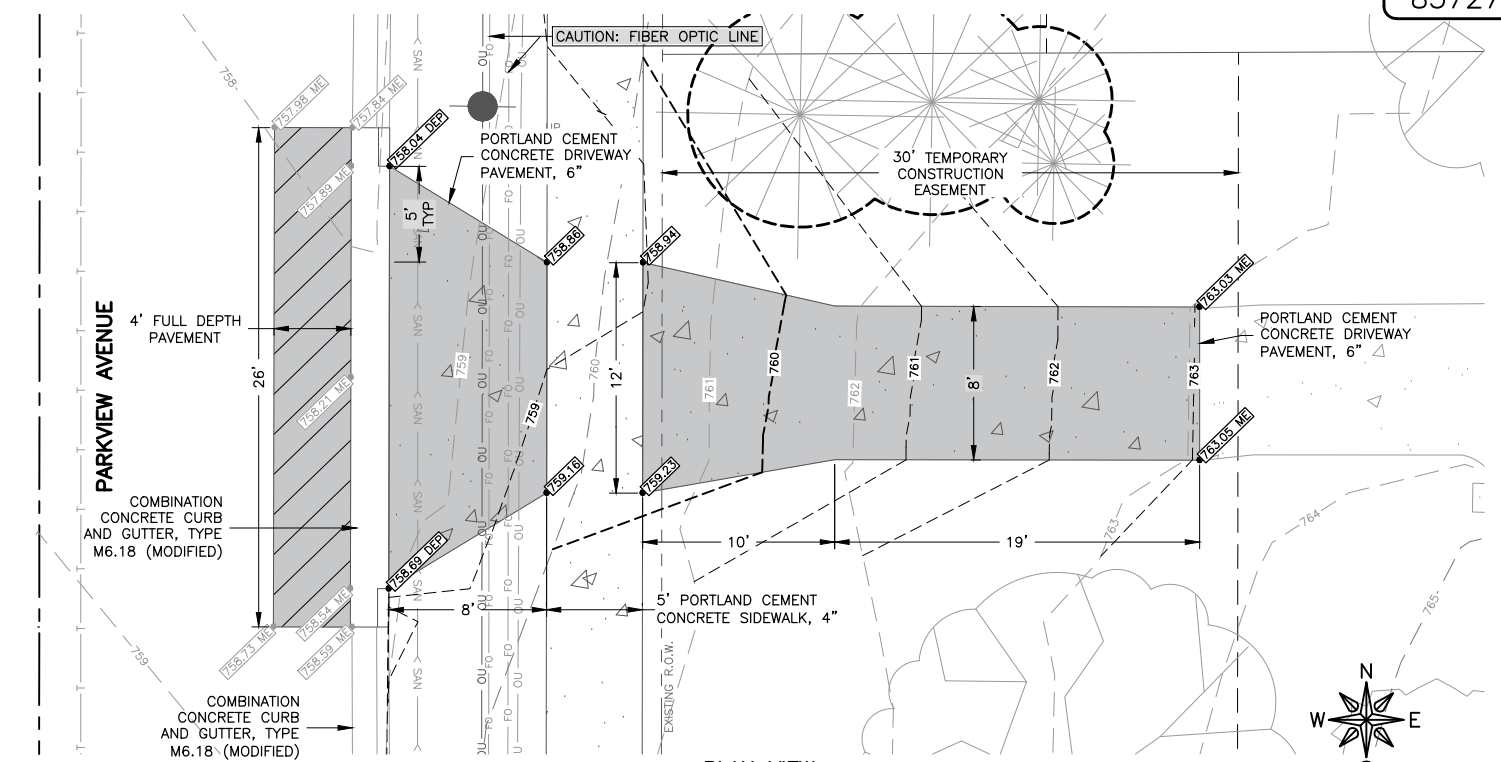
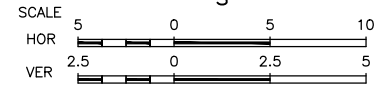
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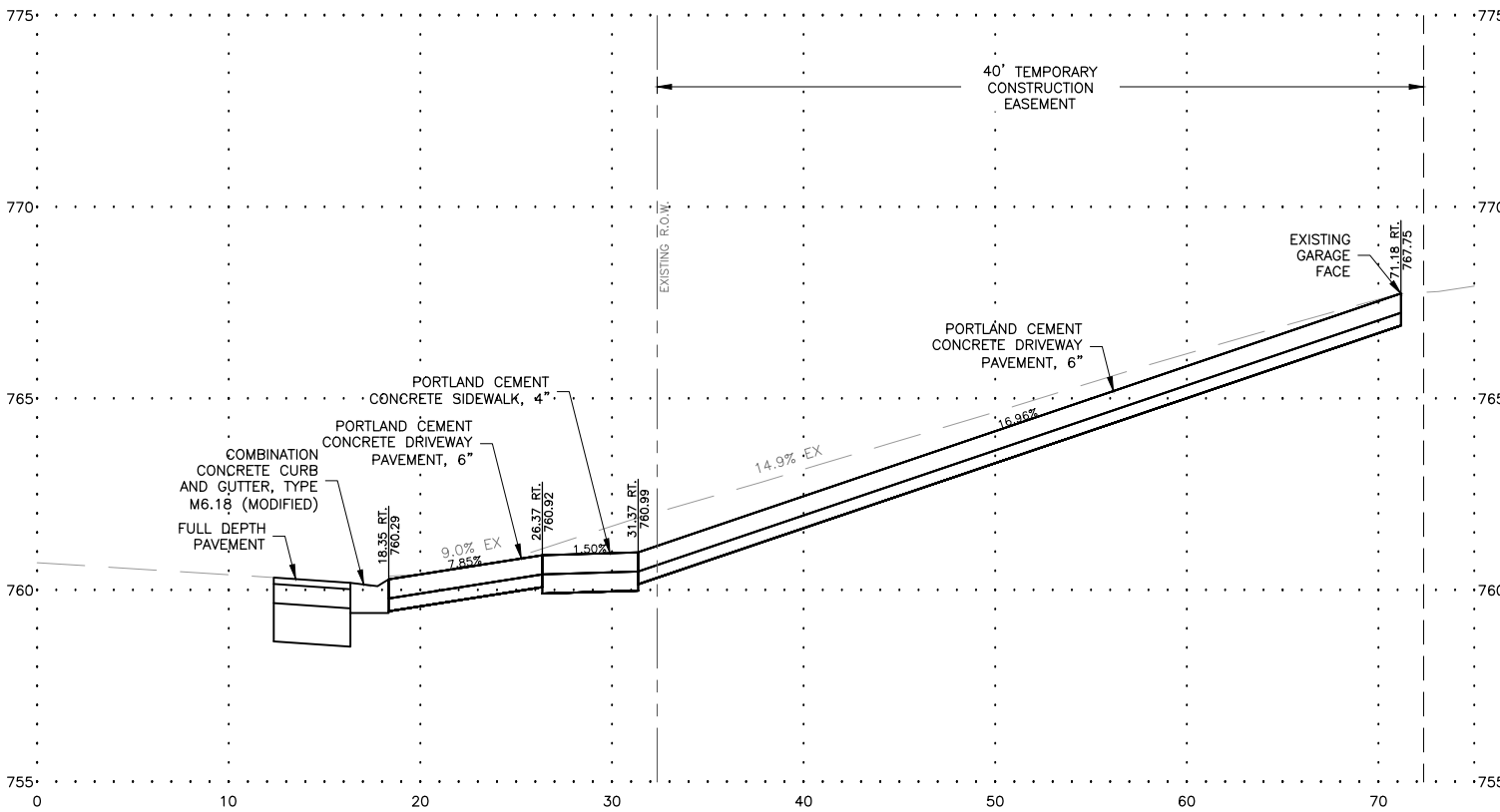
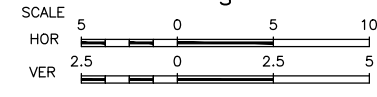
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SHEET NUMBER:  
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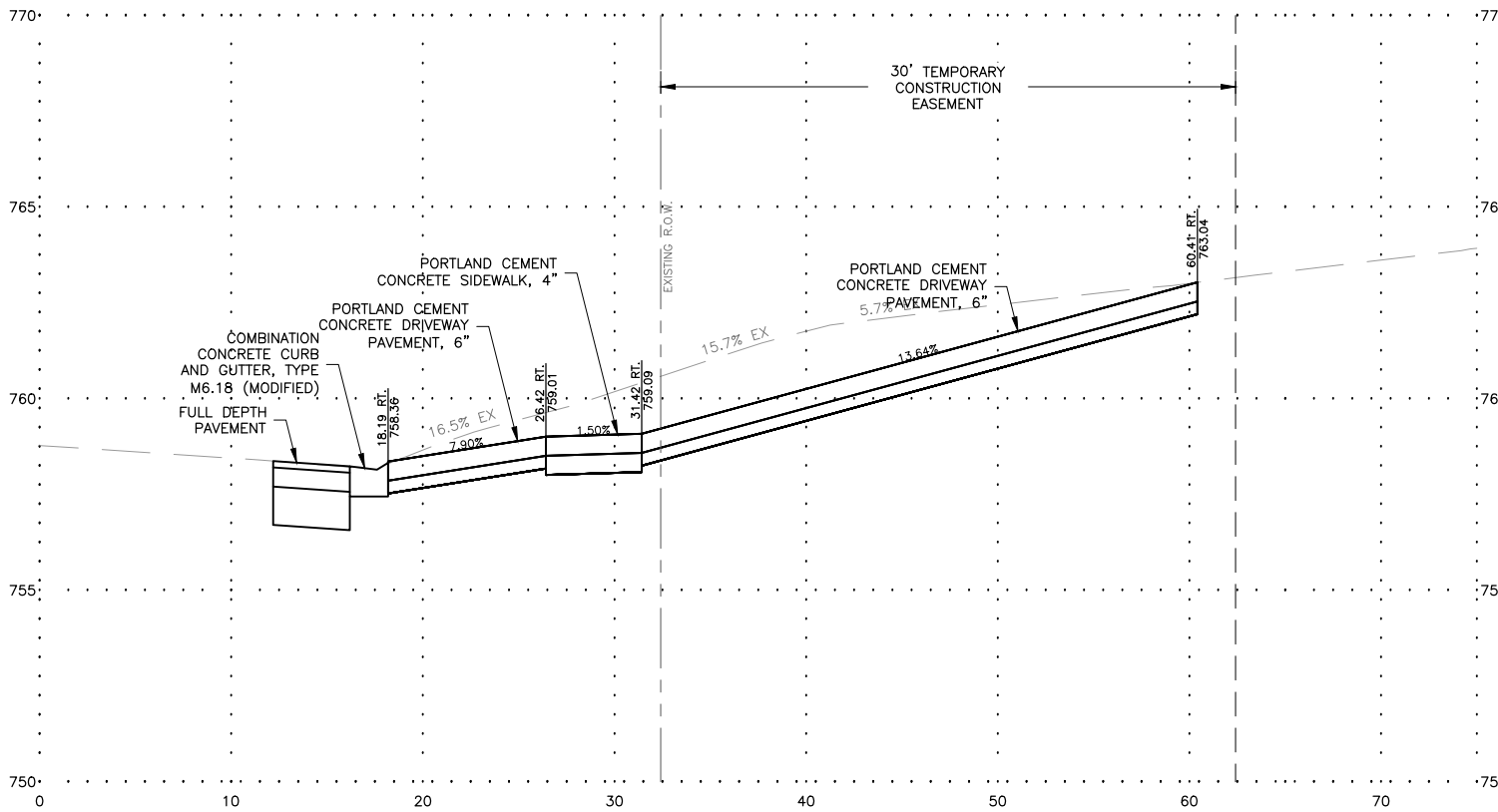
**PLAN VIEW**  
STA 101+90  
1617 PARKVIEW AVE



**PLAN VIEW**  
STA 102+63  
1701 PARKVIEW AVE



**PROFILE VIEW**  
STA 101+90  
1617 PARKVIEW AVE



**PROFILE VIEW**  
STA 102+63  
1701 PARKVIEW AVE

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DATE: 2/8/23  
SCALE: AS NOTED

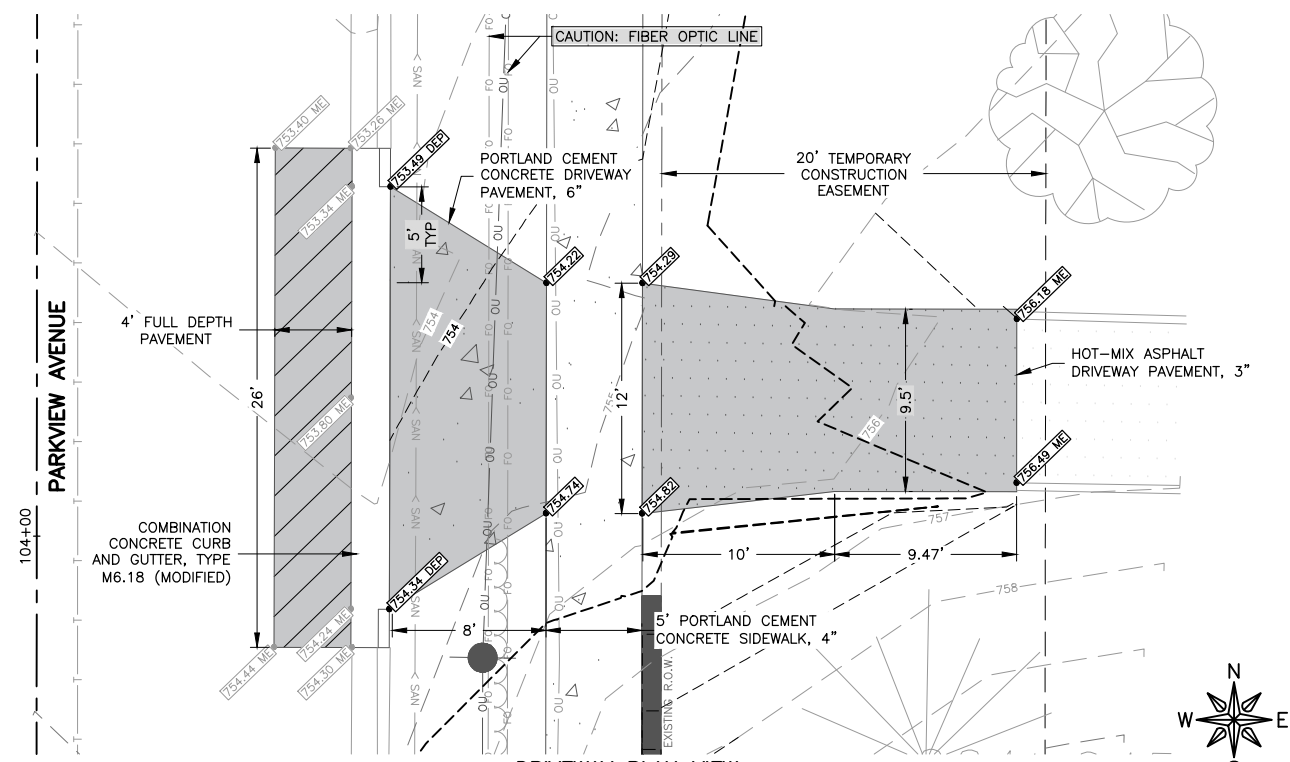
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DRAWING:  
**DRIVEWAY GRADING PLAN**

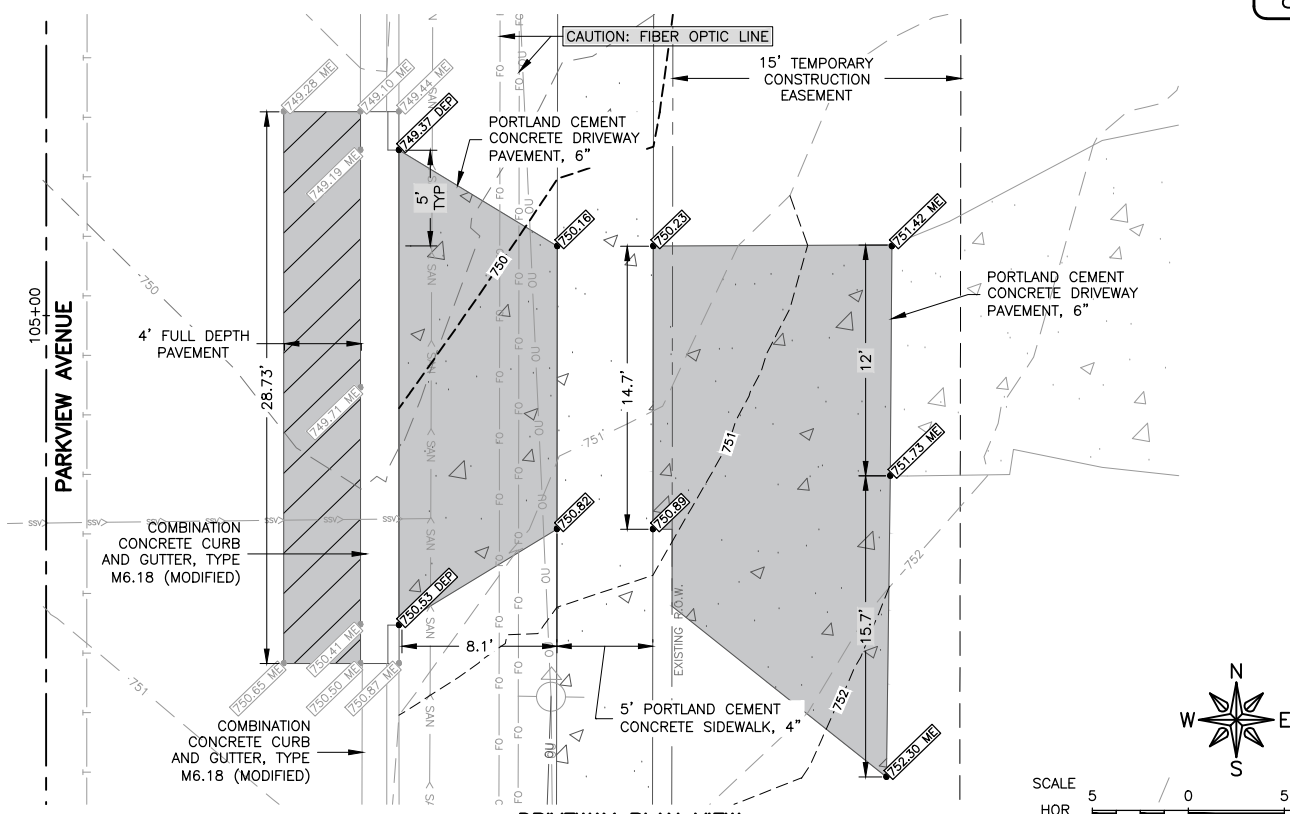
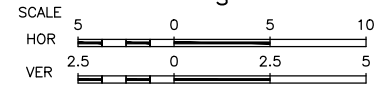
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JOB NUMBER:  
20-394A

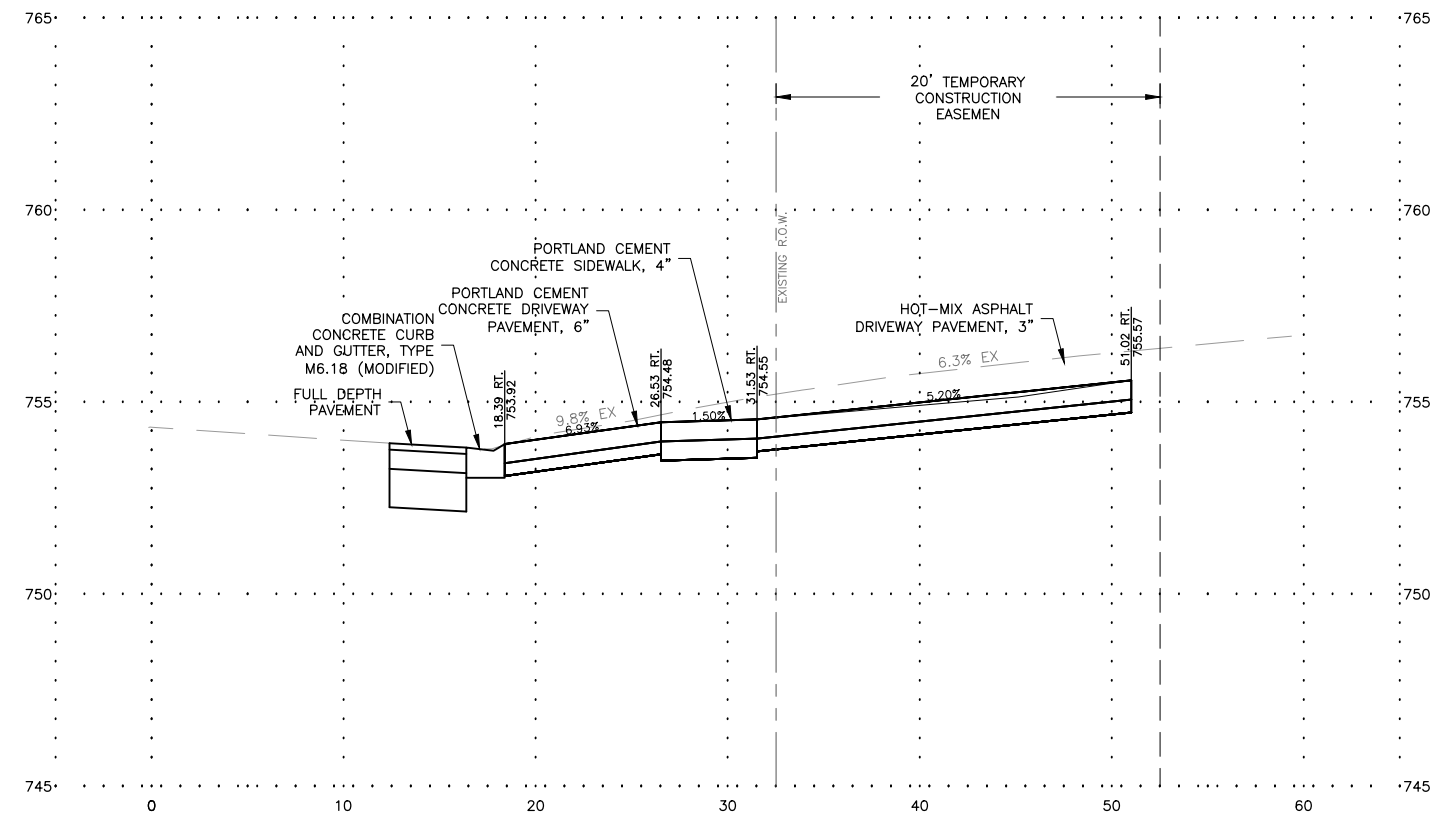
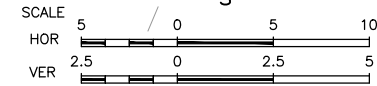
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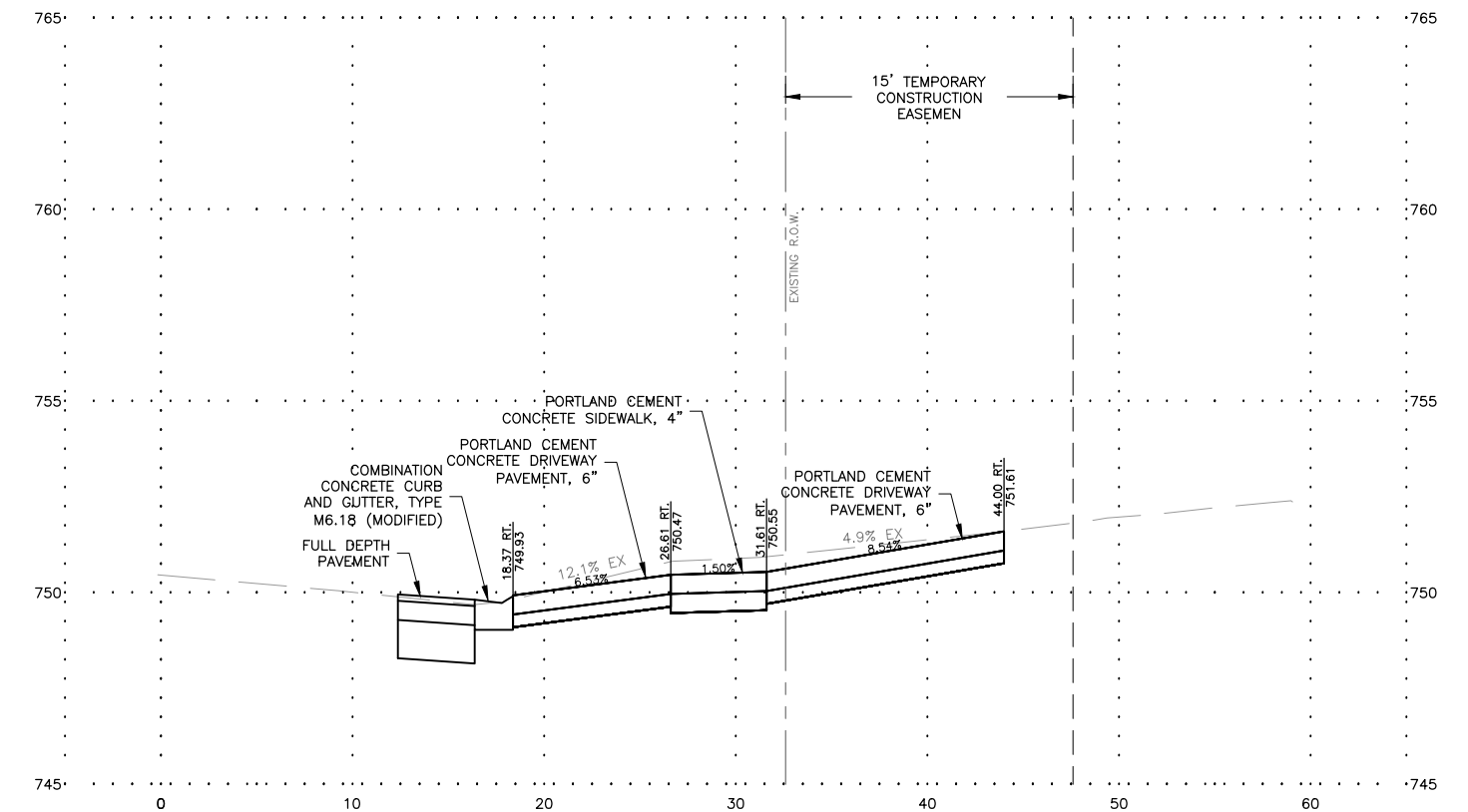
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STA 104+07  
1705 PARKVIEW AVE



**DRIVEWAY PLAN VIEW**  
STA 104+97  
1715 PARKVIEW AVE

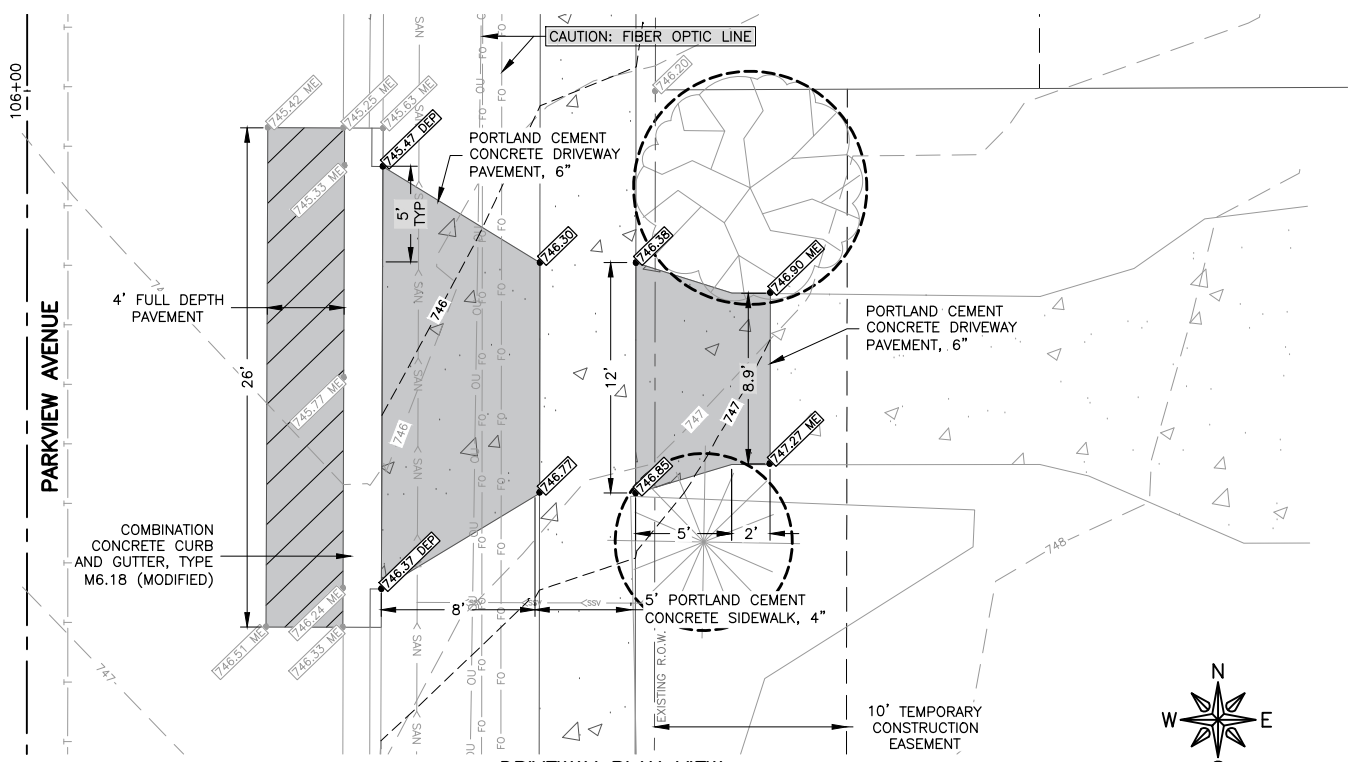


**DRIVEWAY PROFILE VIEW**  
STA 104+07  
1705 PARKVIEW AVE

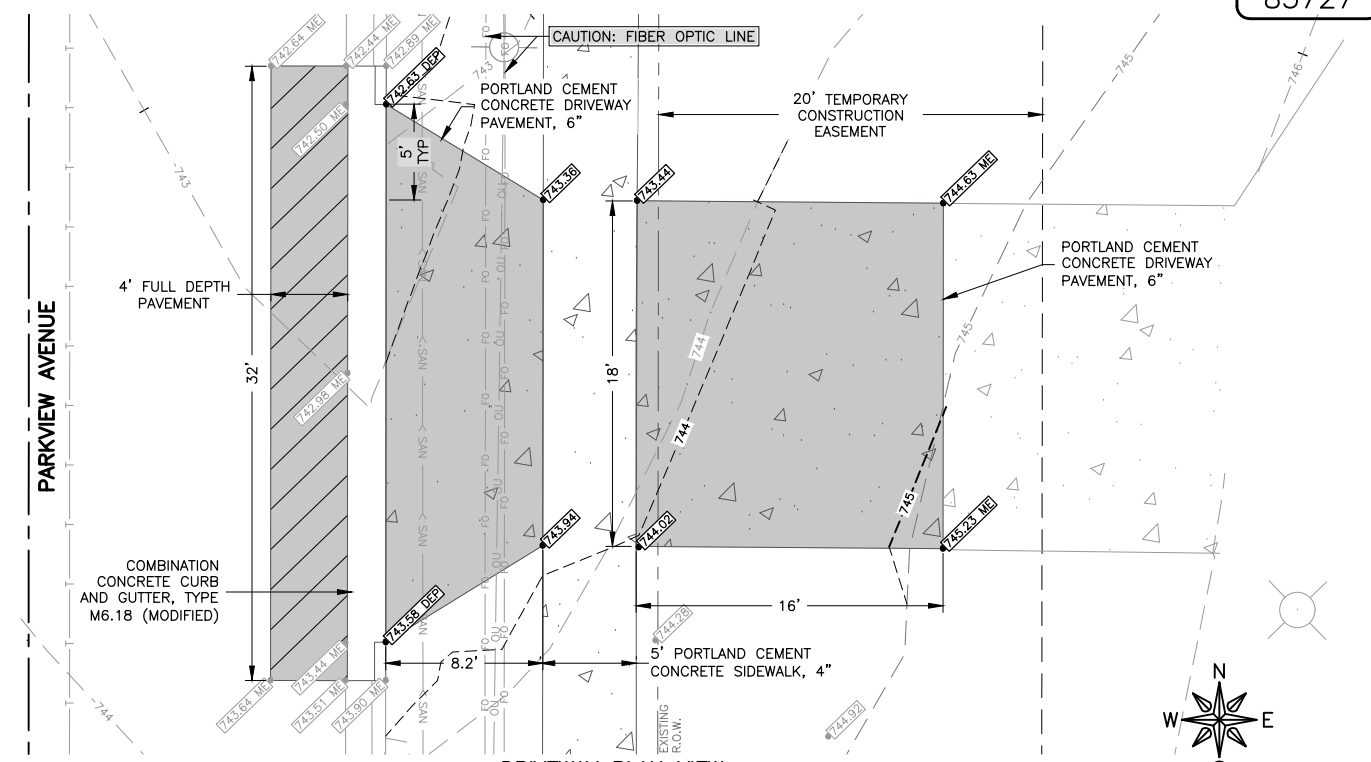
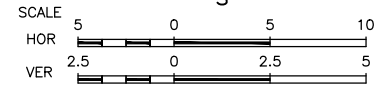


**DRIVEWAY PROFILE VIEW**  
STA 104+97  
1715 PARKVIEW AVE

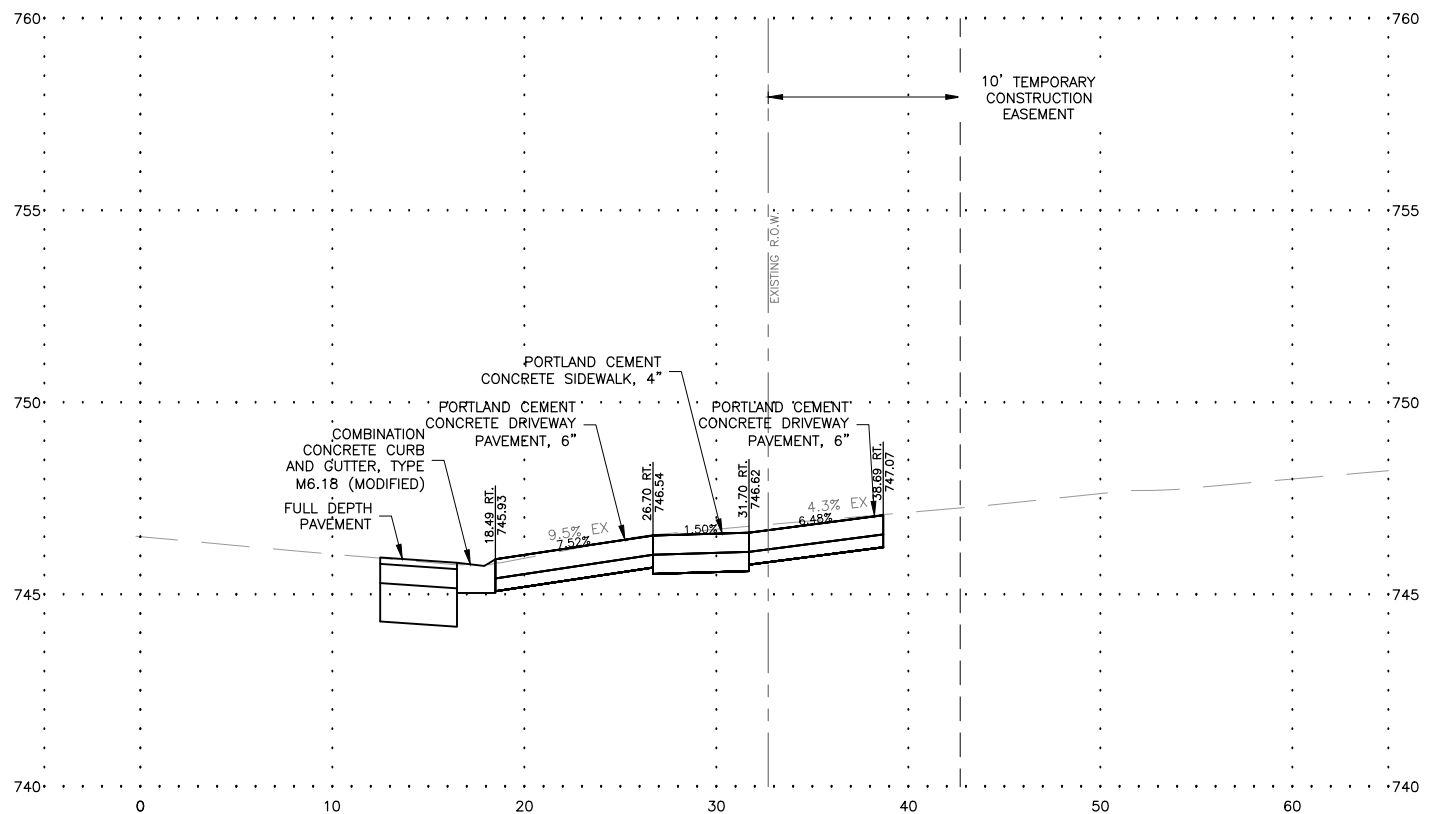
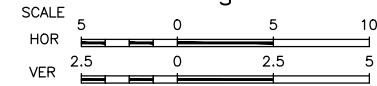
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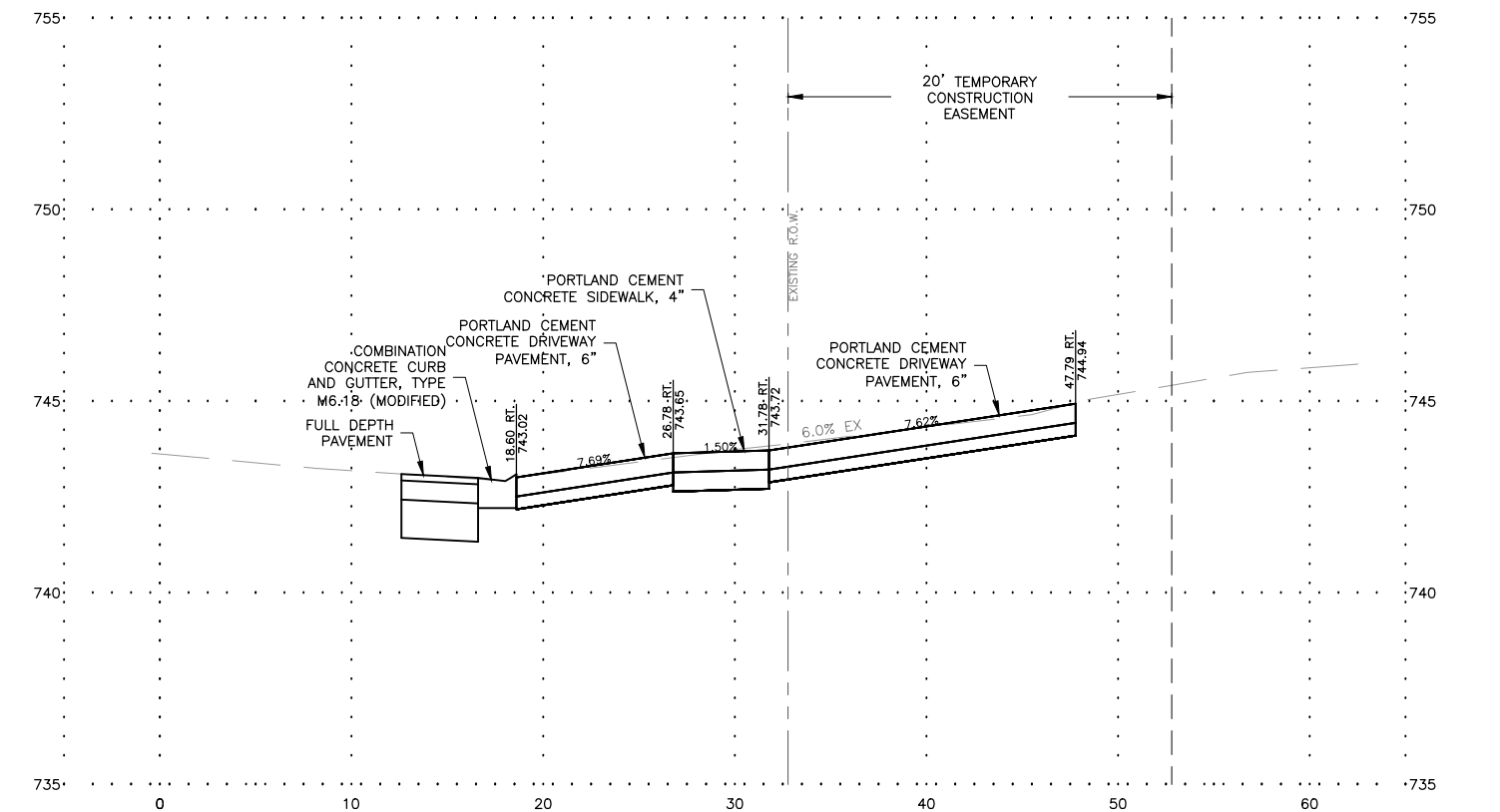
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STA 105+85  
1721 PARKVIEW AVE



**DRIVEWAY PLAN VIEW**  
STA 106+64  
1725 PARKVIEW AVE



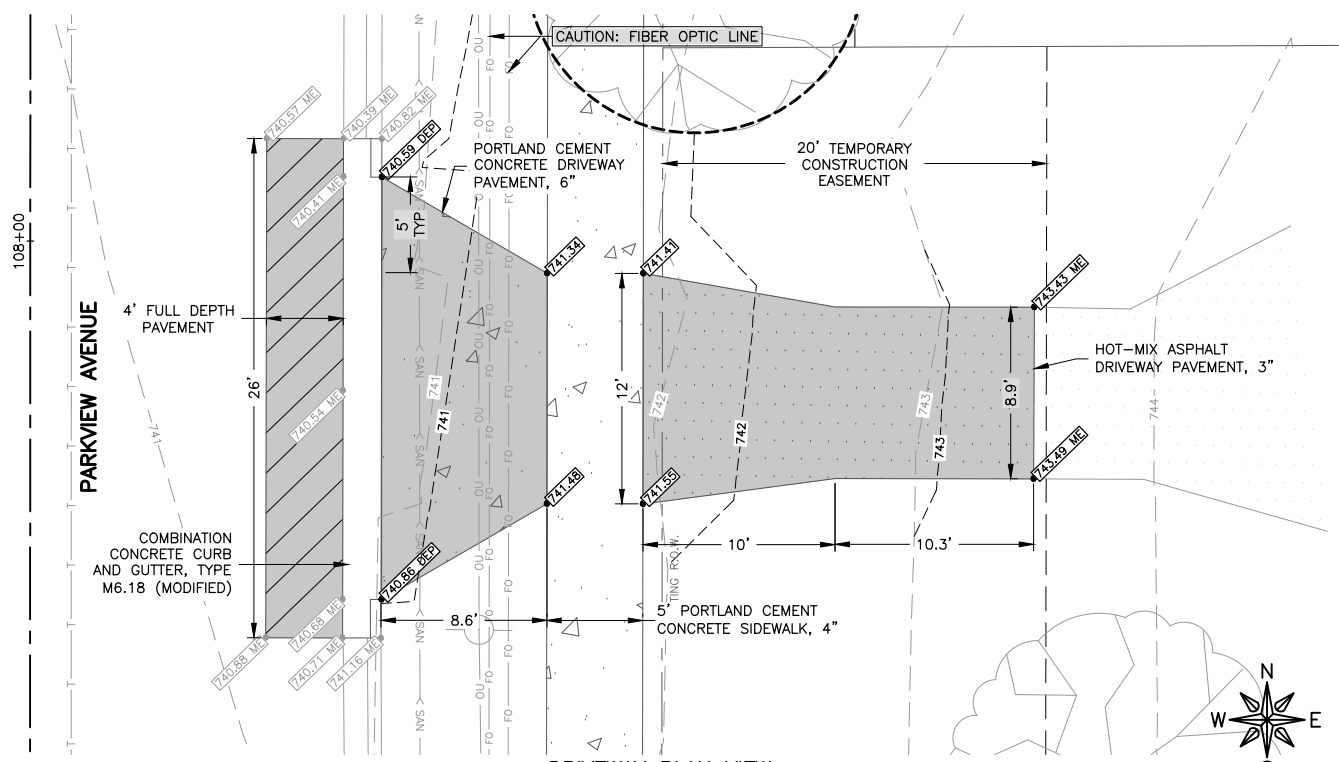
**DRIVEWAY PROFILE VIEW**  
STA 105+85  
1721 PARKVIEW AVE



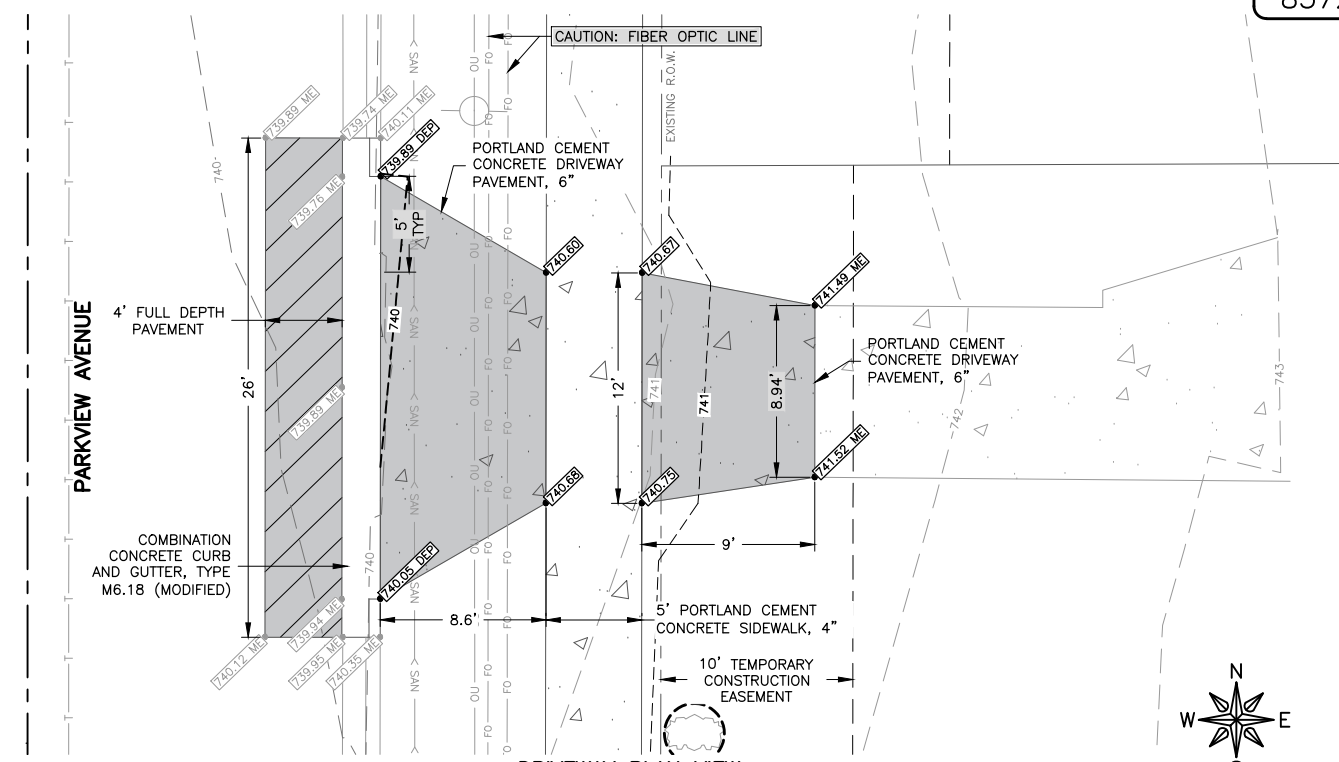
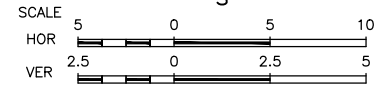
**DRIVEWAY PROFILE VIEW**  
STA 106+64  
1725 PARKVIEW AVE

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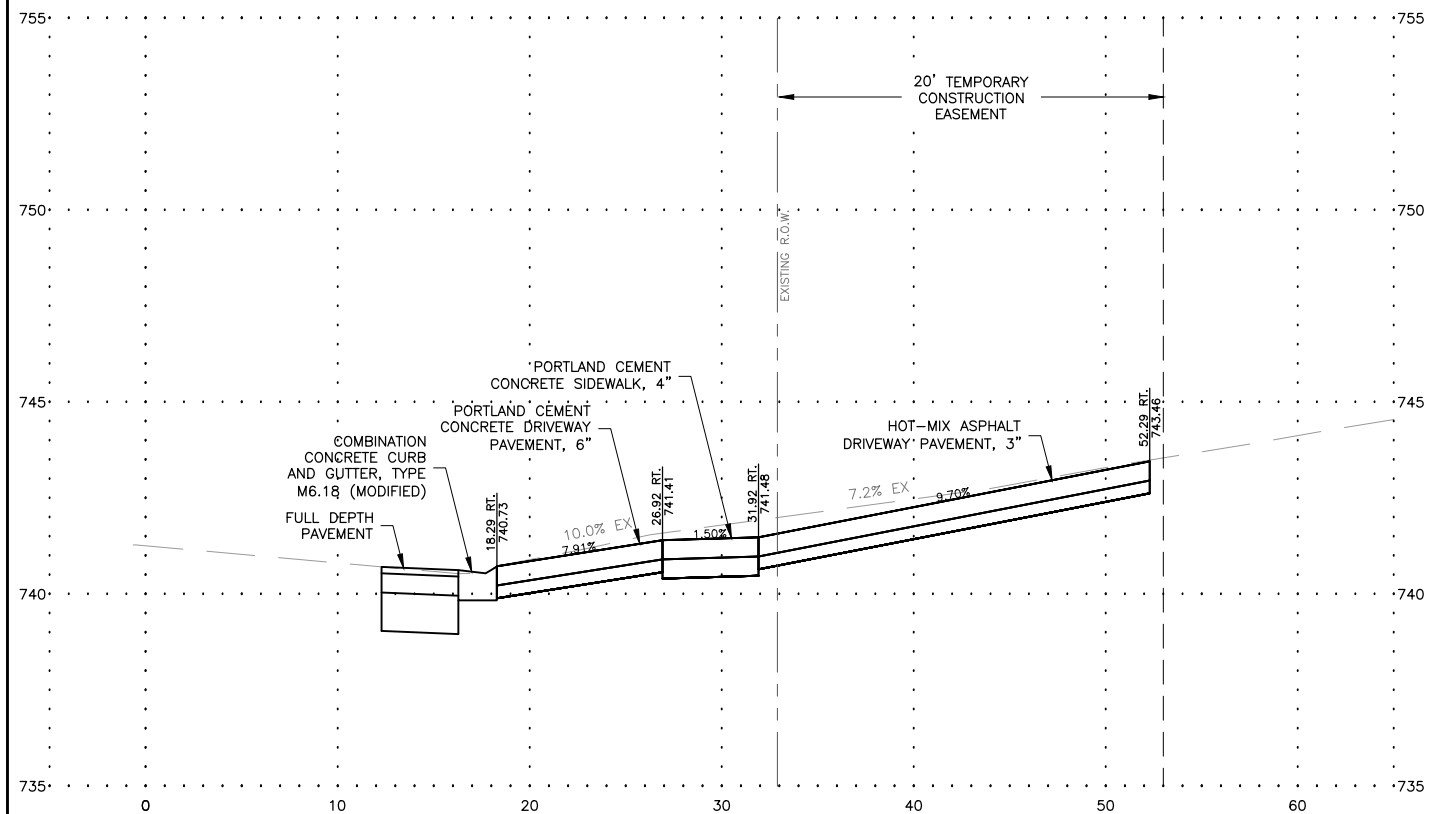
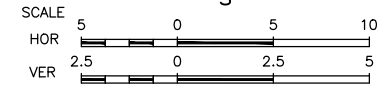




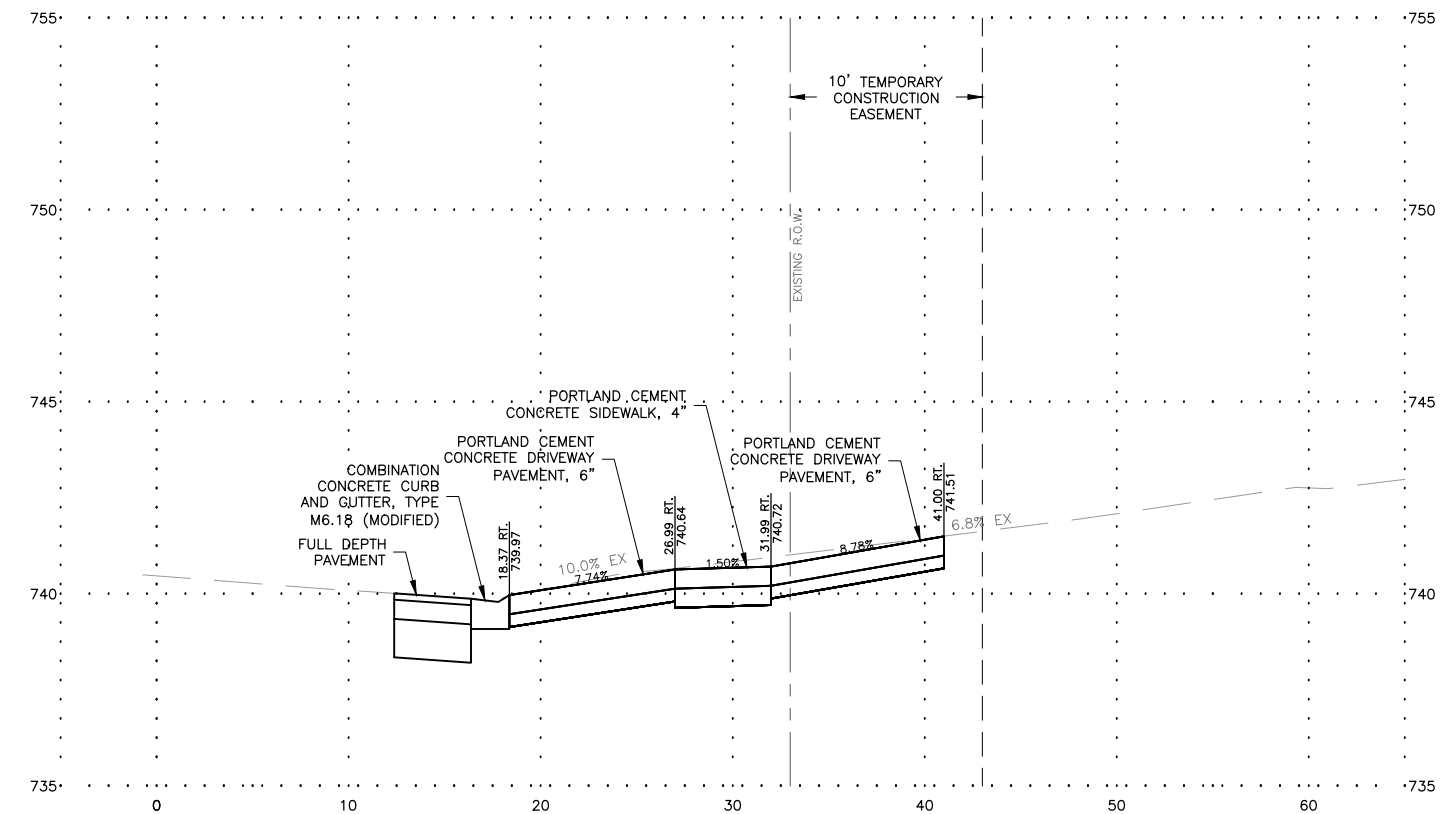
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STA 107+92  
1733 PARKVIEW AVE



**DRIVEWAY PLAN VIEW**  
STA 108+68  
1803 PARKVIEW AVE

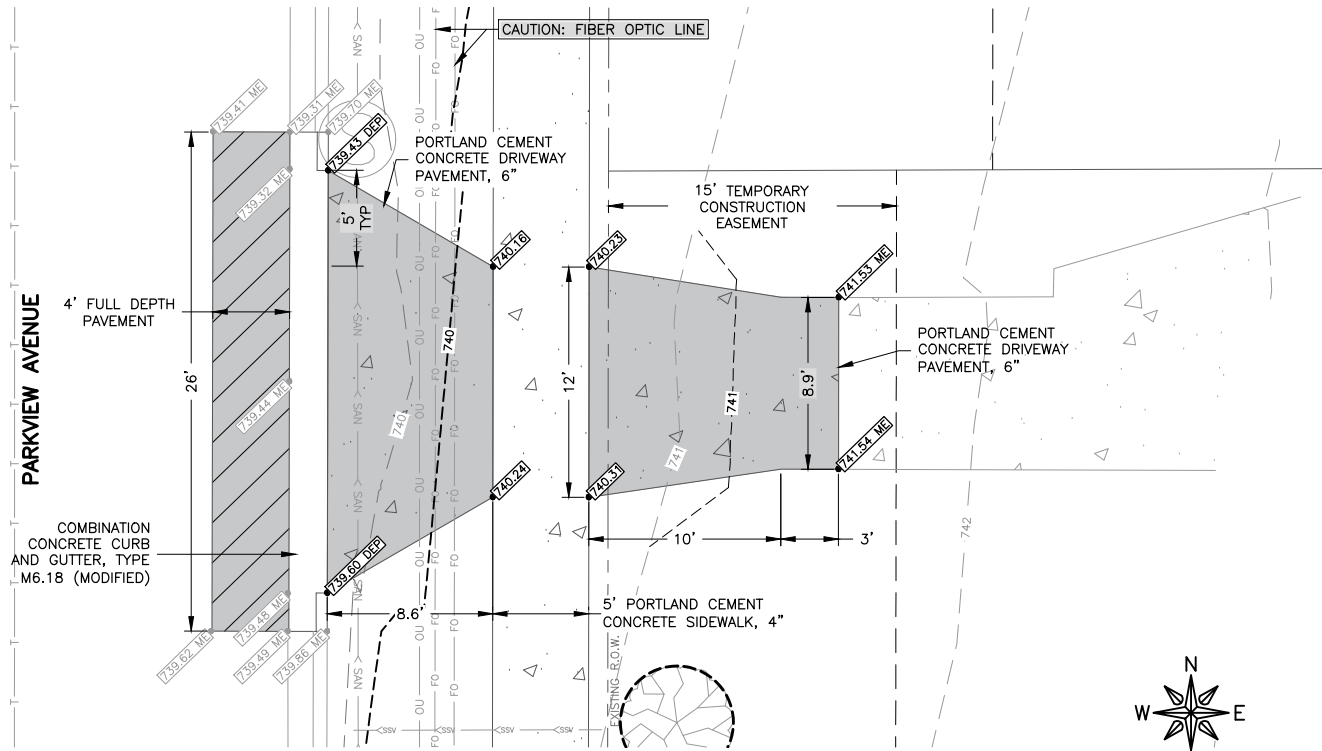


**DRIVEWAY PROFILE VIEW**  
STA 107+92  
1733 PARKVIEW AVE

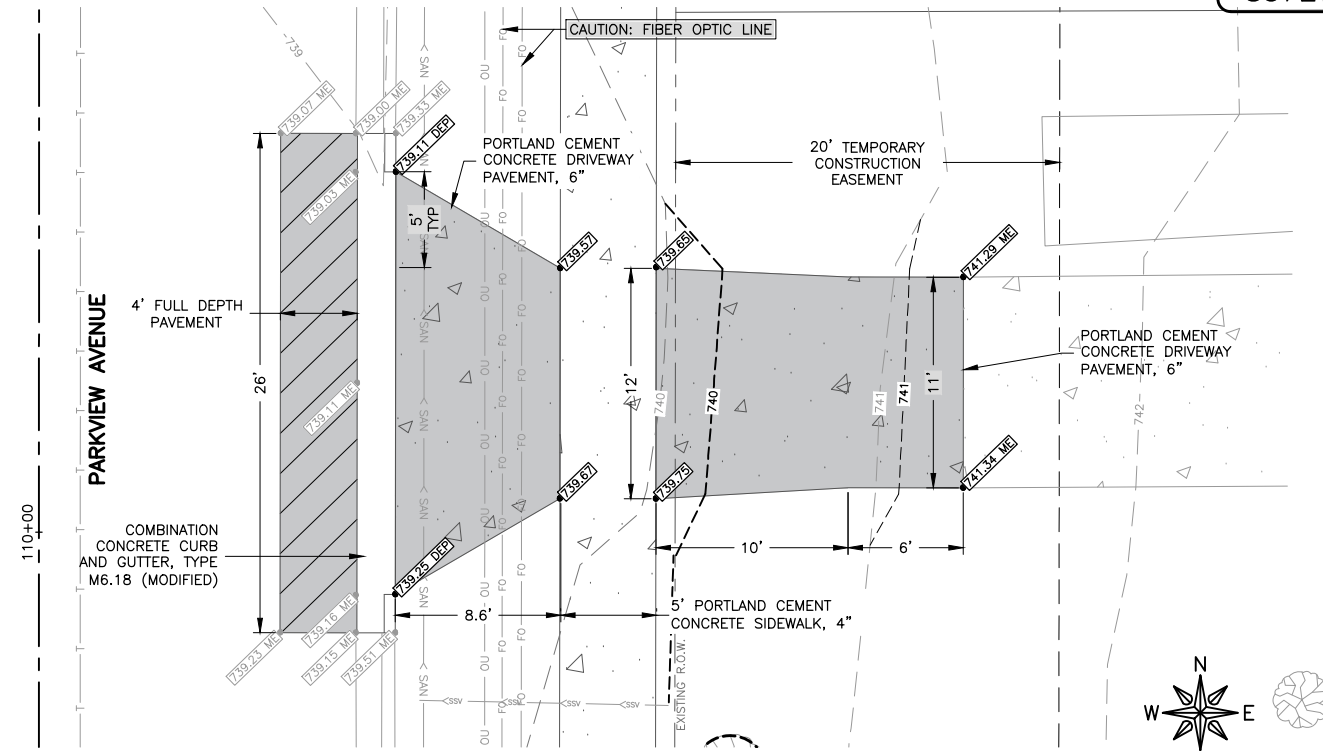
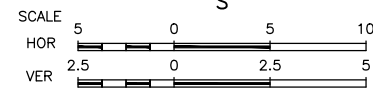


**DRIVEWAY PROFILE VIEW**  
STA 108+68  
1803 PARKVIEW AVE

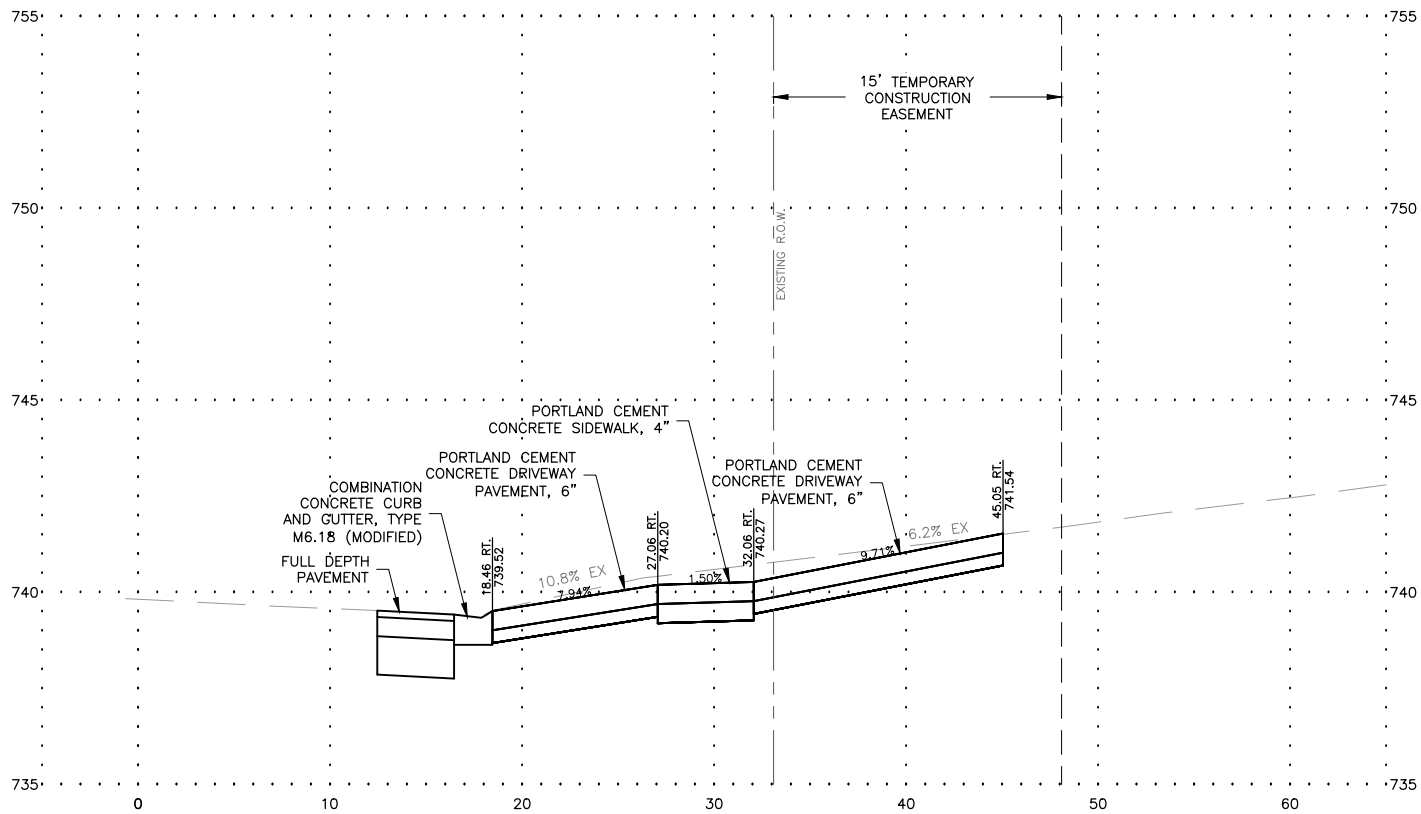
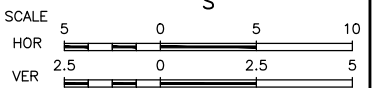
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| REV. NO.  | DESCRIPTION | DATE |
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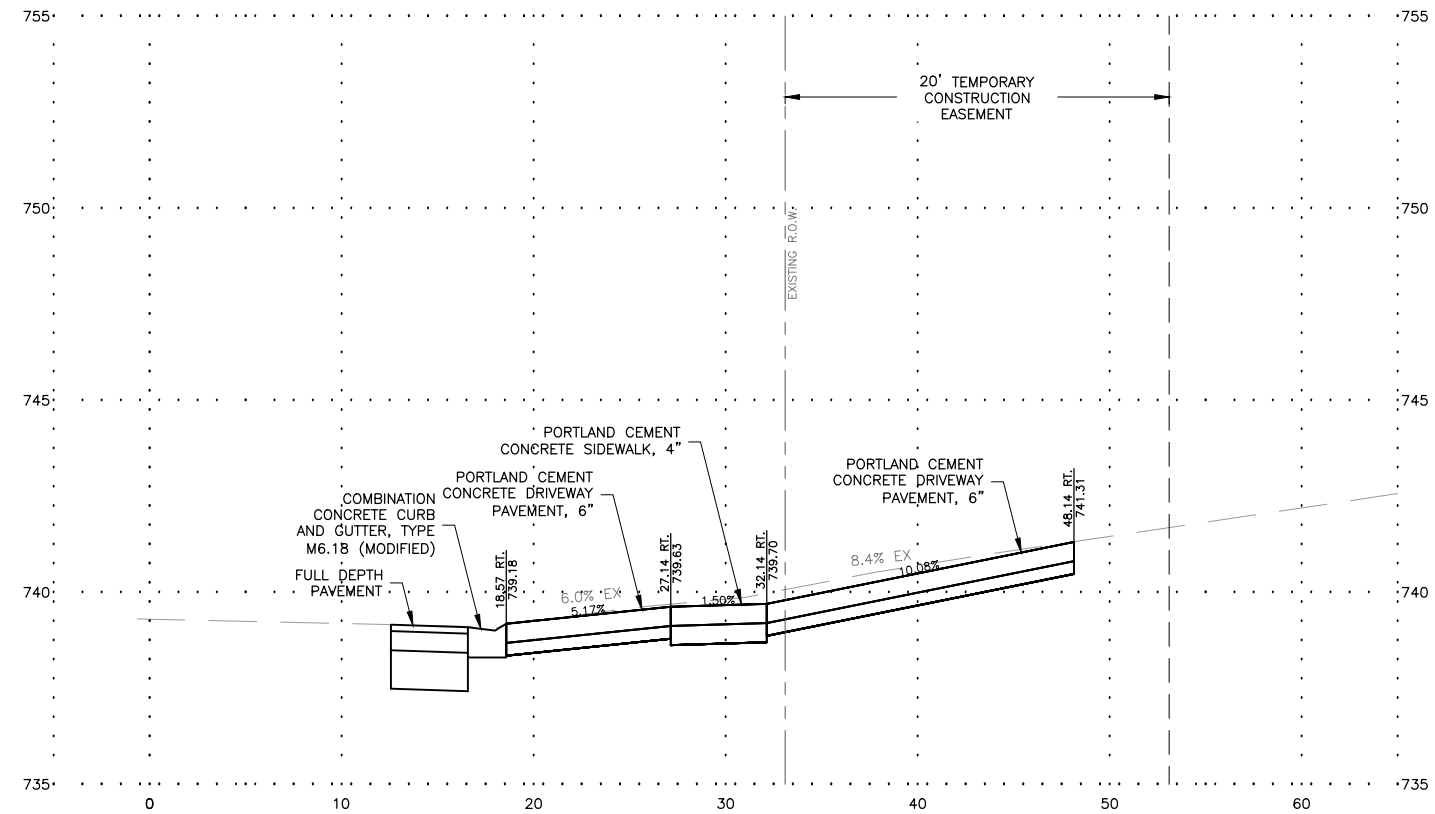
**DRIVEWAY PLAN VIEW**  
STA 109+33  
1807 PARKVIEW AVE



**DRIVEWAY PLAN VIEW**  
STA 110+08  
1811 PARKVIEW AVE

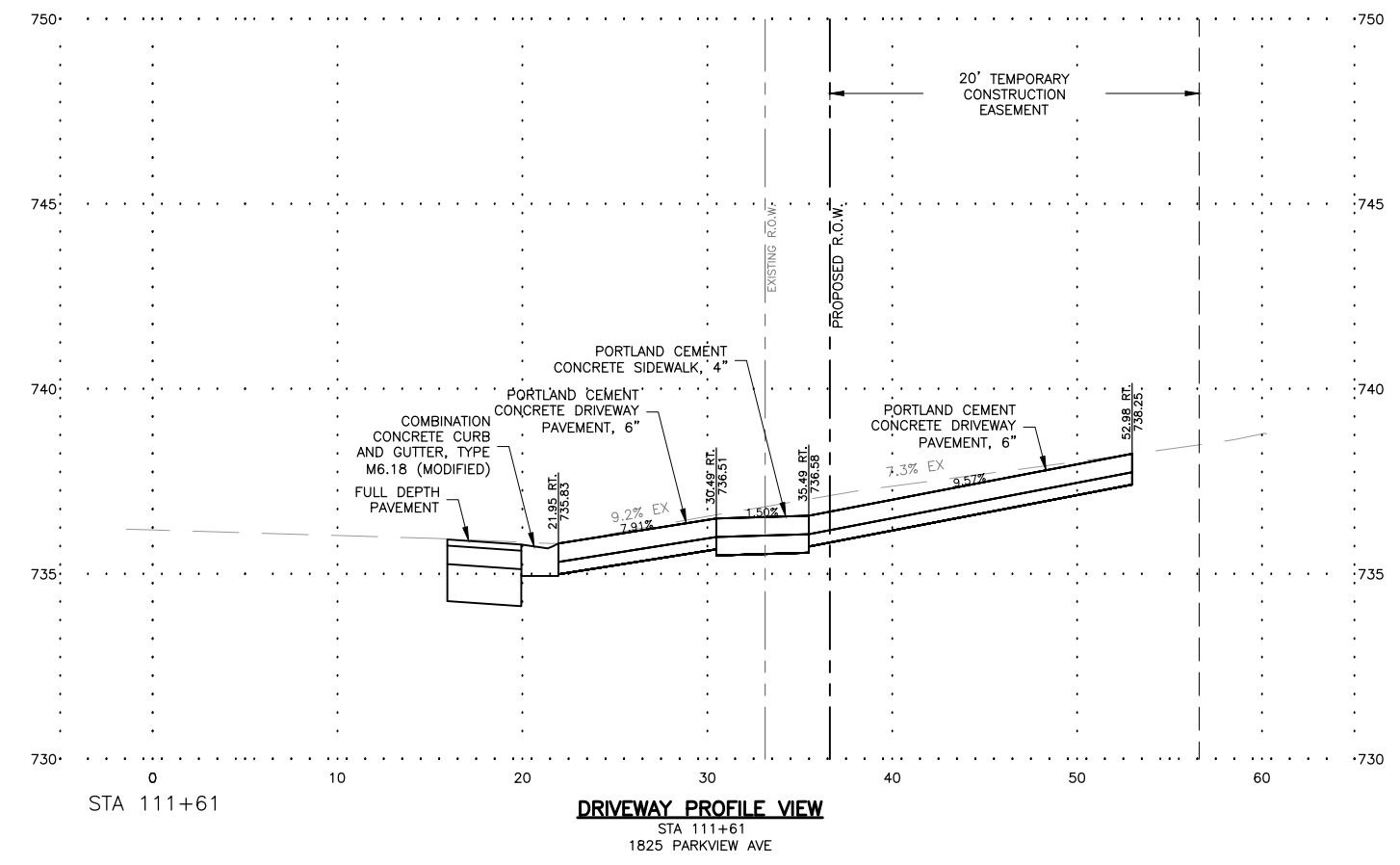
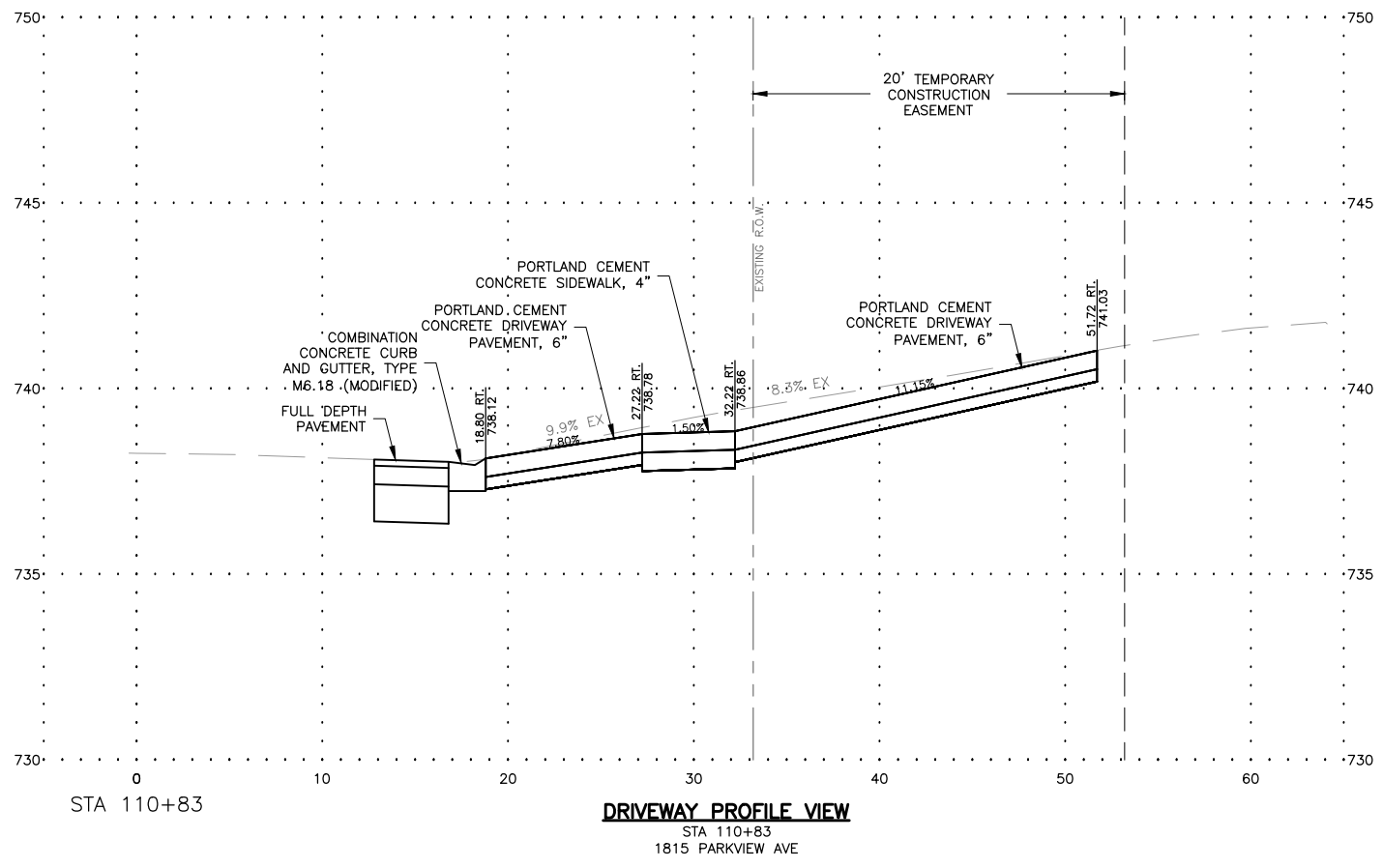
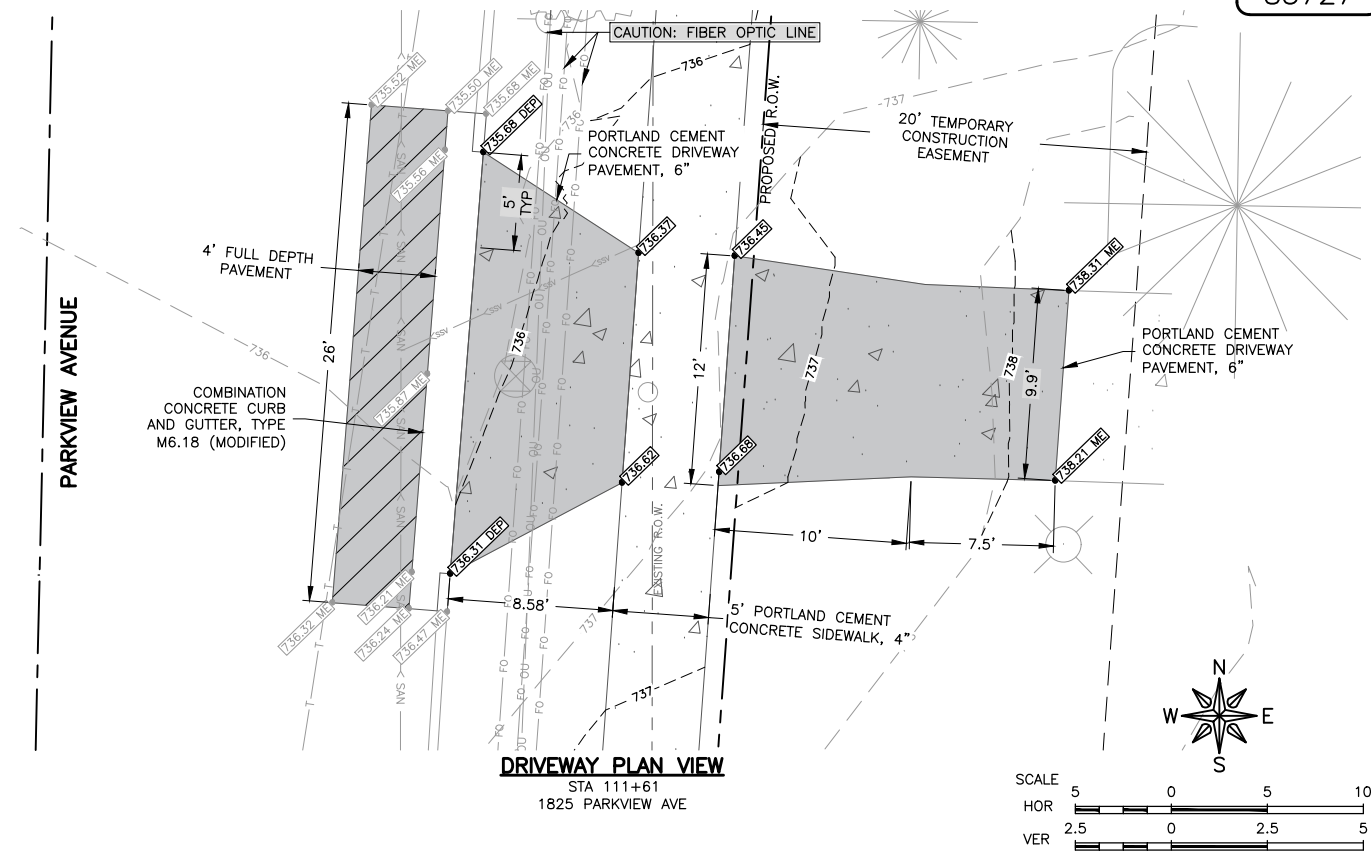
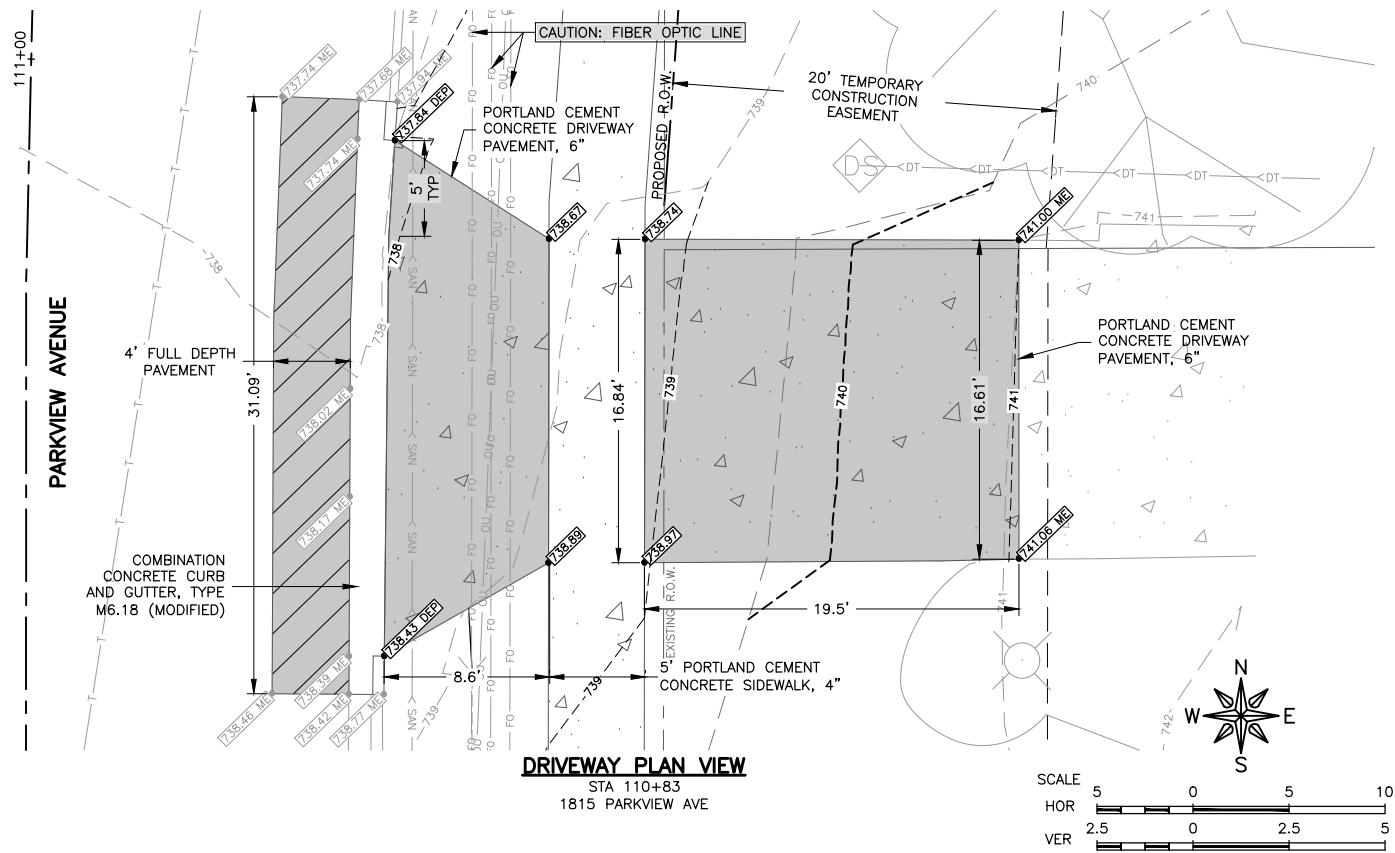


**DRIVEWAY PROFILE VIEW**  
STA 109+33  
1807 PARKVIEW AVE

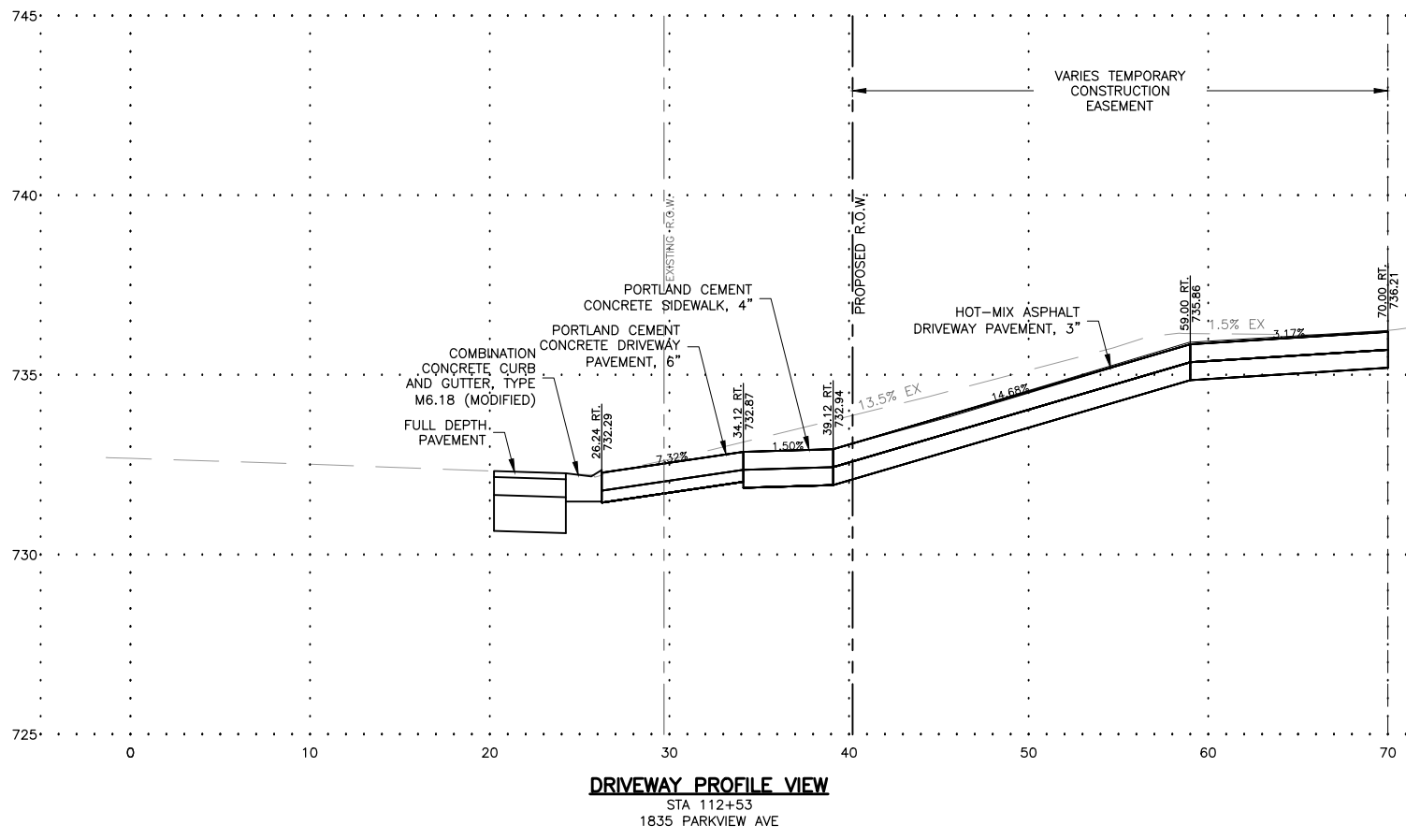
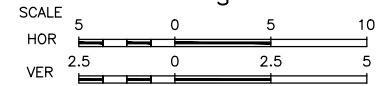
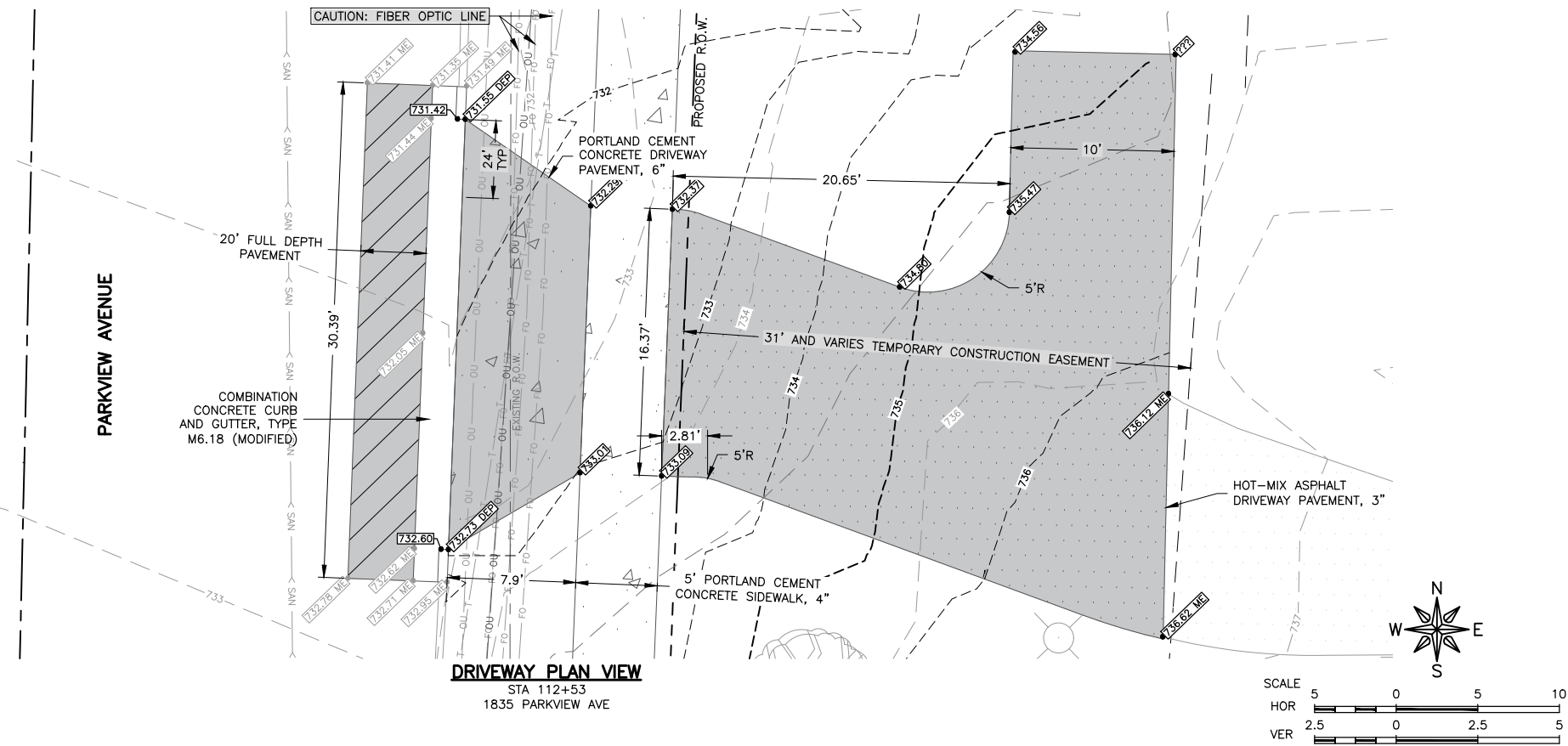


**DRIVEWAY PROFILE VIEW**  
STA 110+08  
1811 PARKVIEW AVE

| REVISIONS |             |      |
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| REV. NO.  | DESCRIPTION | DATE |
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**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525  
ILLINOIS IOWA WISCONSIN

OWNER/DEVELOPER:  
CITY OF ROCKFORD  
425 EAST STATE STREET  
ROCKFORD, IL 61104

PROJECT AND LOCATION:  
PARKVIEW AVENUE  
ROCKFORD, ILLINOIS

DRAWN BY: BF  
APPROVED BY: WK  
DATE: 2/8/23  
SCALE: AS NOTED

| REVISIONS |             |      |
|-----------|-------------|------|
| REV. NO.  | DESCRIPTION | DATE |
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|           |             |      |
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DRAWING:  
**DRIVEWAY GRADING PLAN**

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JOB NUMBER:  
20-394A

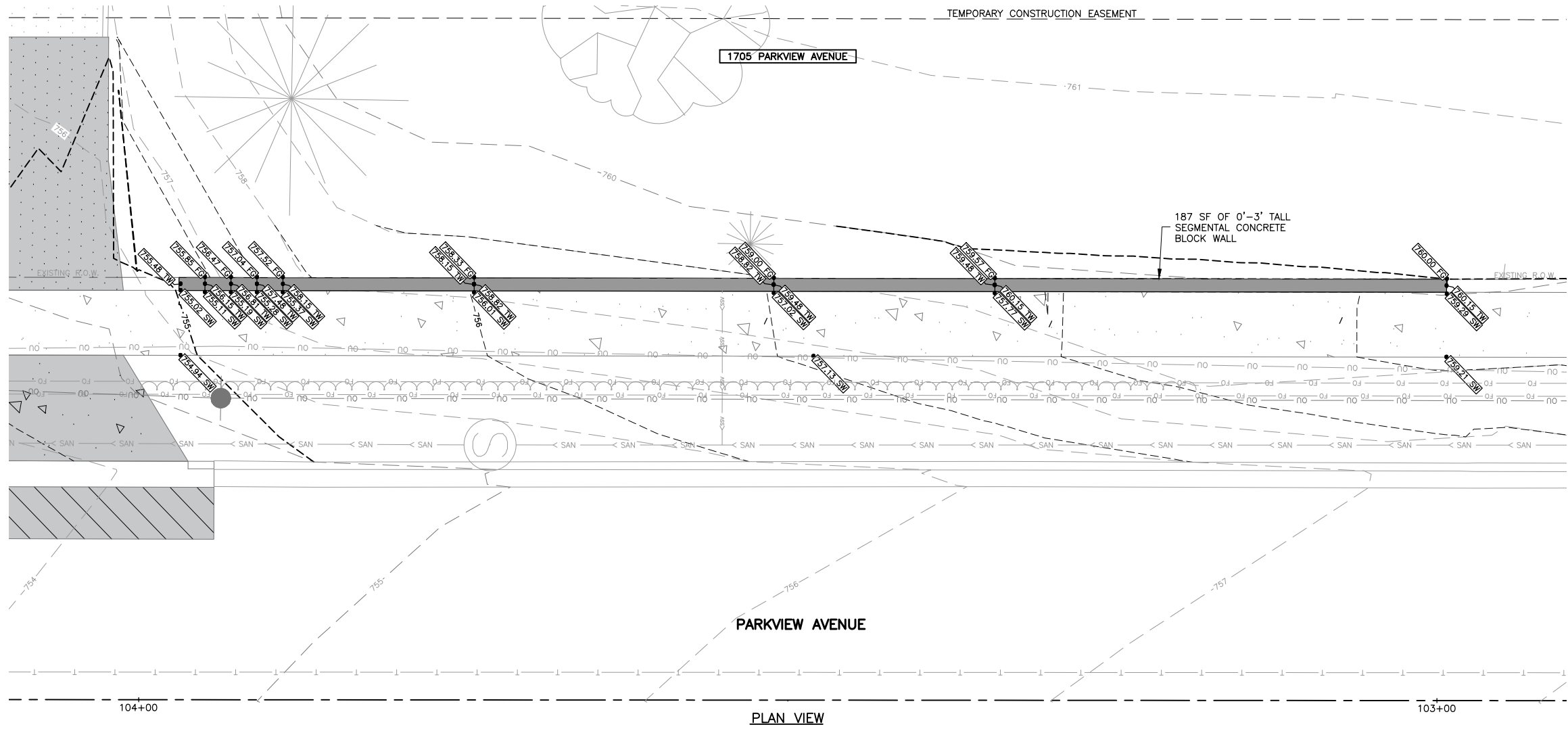
SHEET NUMBER:  
36 of 49

**LEGEND**

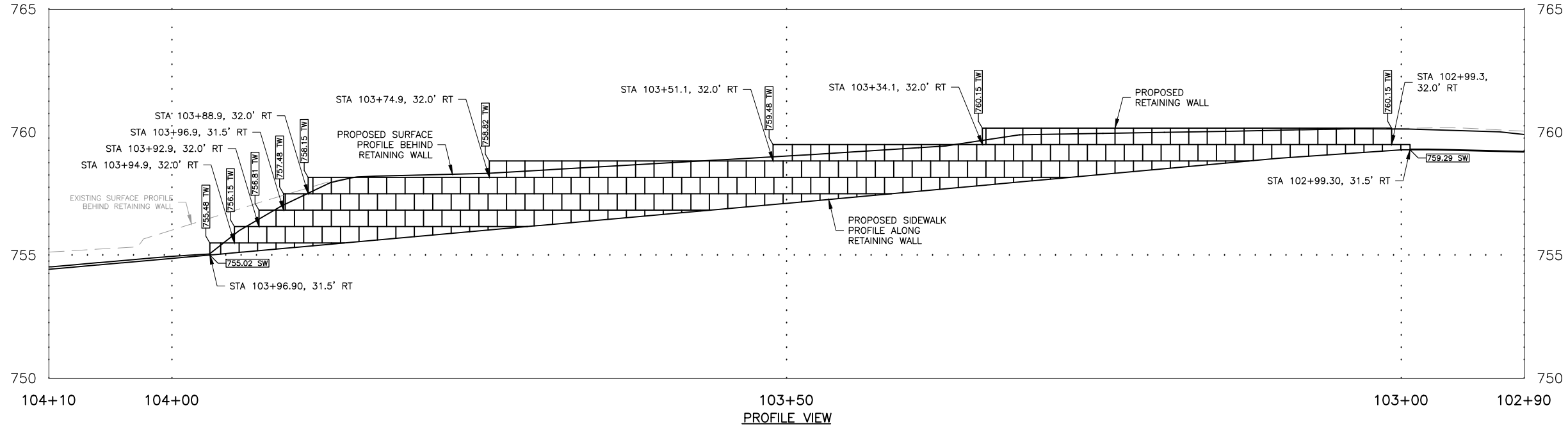
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- EXISTING GRADE (MATCH EXISTING)
- PROPOSED GRADE (FINISH GRADE)
- PROPOSED SIDEWALK GRADE
- PROPOSED TOP OF RETAINING WALL GRADE
- SURFACE FLOW DIRECTION

**GENERAL NOTES**

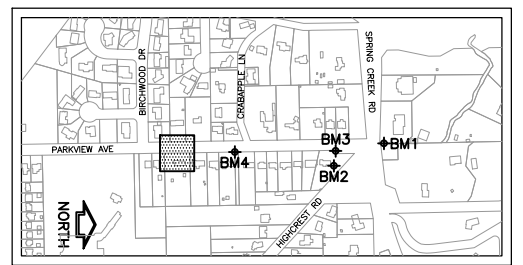
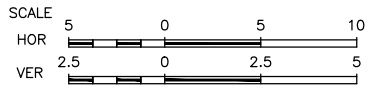
CONTRACTOR TO RESTORE ANY DISTURBED AREA TO PRE CONSTRUCTION CONDITIONS.



**PLAN VIEW**



**PROFILE VIEW**



**KEY MAP**

**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
CITY OF ROCKFORD  
425 EAST STATE STREET  
ROCKFORD, IL 61104

PROJECT AND LOCATION:  
PARKVIEW AVENUE  
ROCKFORD, ILLINOIS

DRAWN BY: BF  
APPROVED BY: WK  
DATE: 2/8/23  
SCALE: AS NOTED

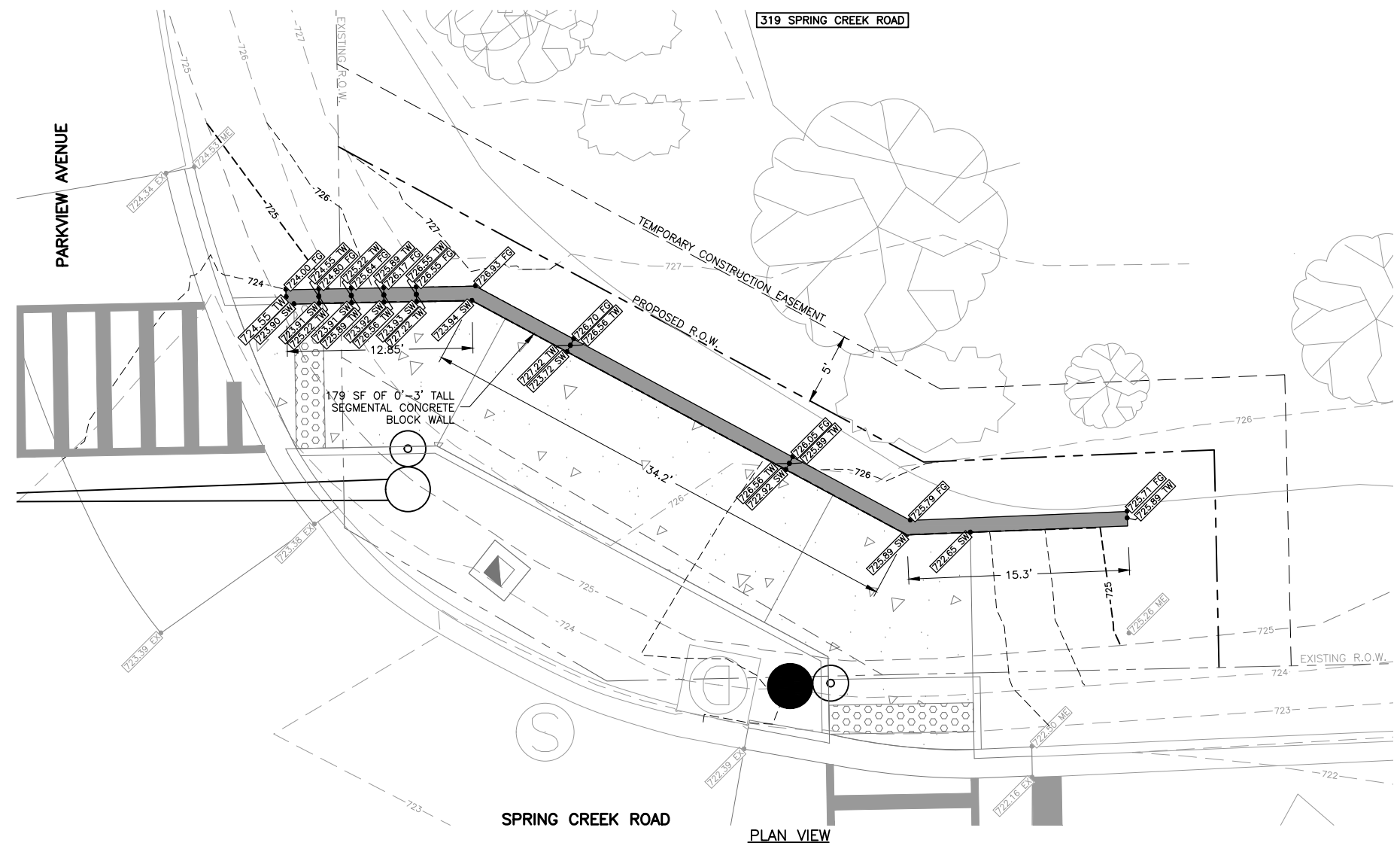
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DRAWING:  
**RETAINING WALL GRADING**

SET TYPE:  
G:\C30\20-394\20-394 Designing\_Retaining Wall 1

JOB NUMBER:  
**20-394A**

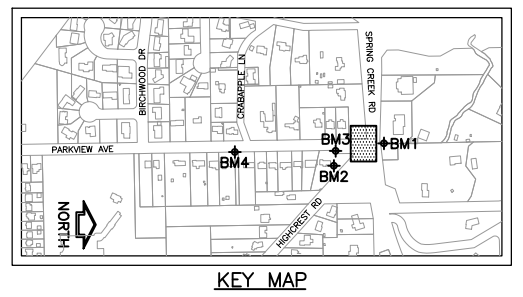
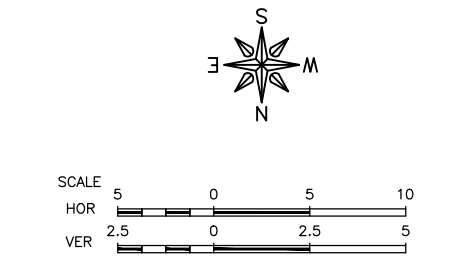
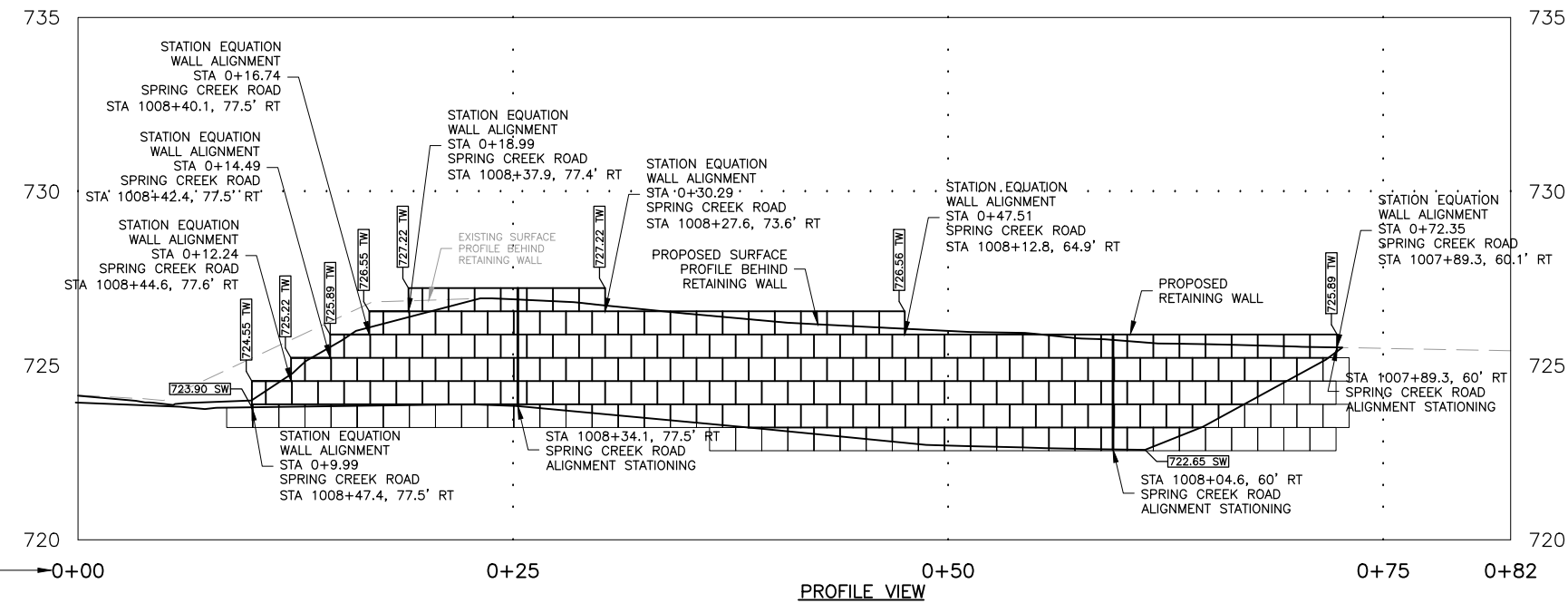
SHEET NUMBER:  
**37 of 49**



- LEGEND**
- 000.00 EX EXISTING GRADE PAVEMENT GRADE
  - 000.00 ME EXISTING GRADE (MATCH EXISTING)
  - 000.00 FG PROPOSED GRADE (FINISH GRADE)
  - 000.00 SW PROPOSED SIDEWALK GRADE
  - 000.00 TW PROPOSED TOP OF RETAINING WALL GRADE
  - SURFACE FLOW DIRECTION

**GENERAL NOTES**

CONTRACTOR TO RESTORE ANY DISTURBED AREA TO PRE CONSTRUCTION CONDITIONS.



**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525  
FLOT DATE: 2/8/23 © 2023 FEHR GRAHAM

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
CITY OF ROCKFORD  
425 EAST STATE STREET  
ROCKFORD, IL 61104

PROJECT AND LOCATION:  
PARKVIEW AVENUE  
ROCKFORD, ILLINOIS

DRAWN BY: BF  
APPROVED BY: WK  
DATE: 2/8/23  
SCALE: AS NOTED

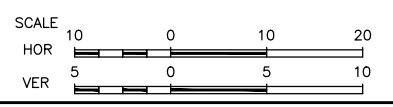
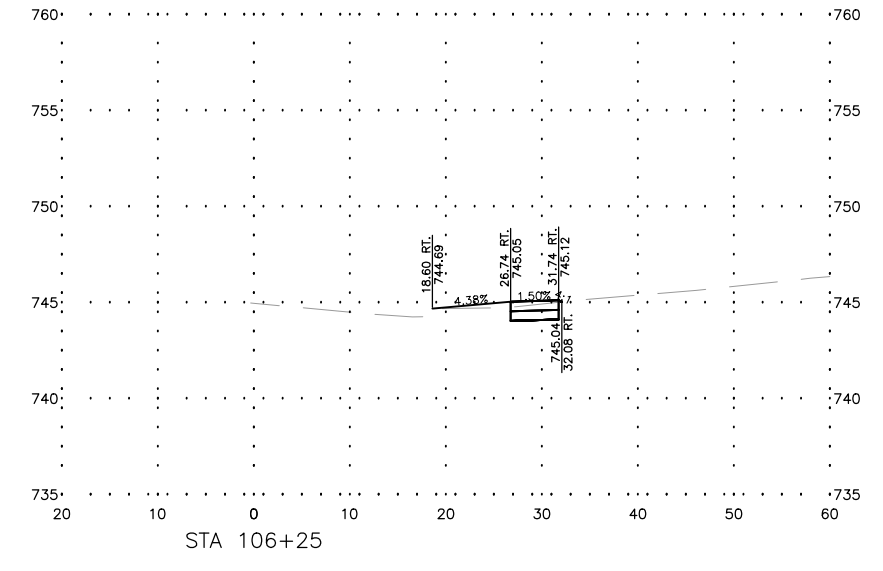
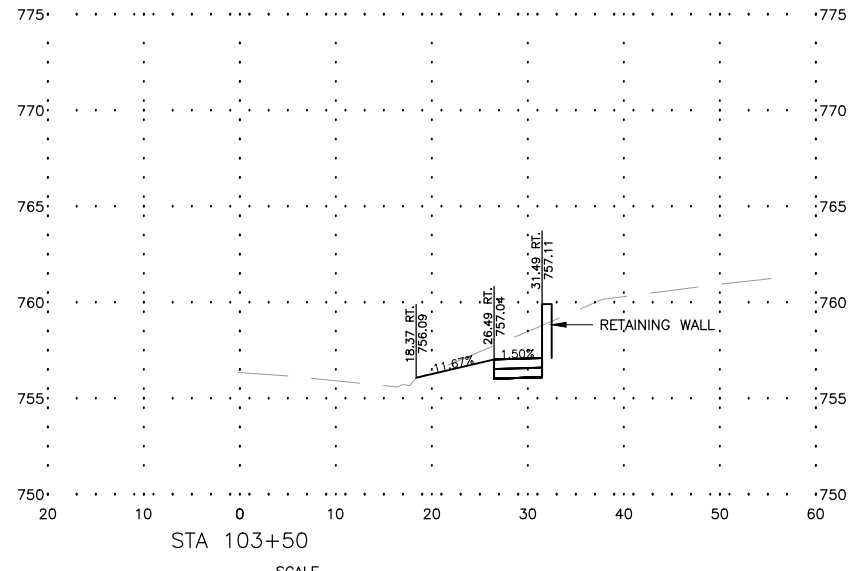
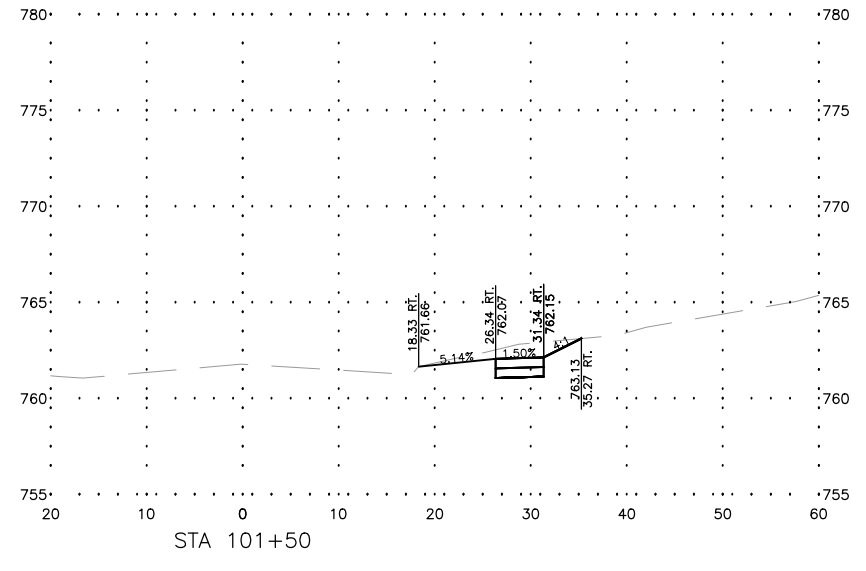
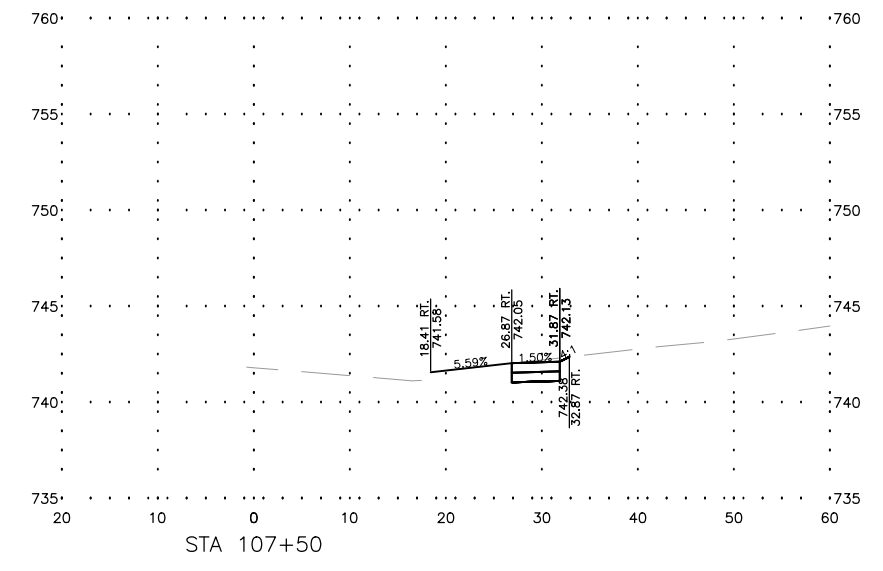
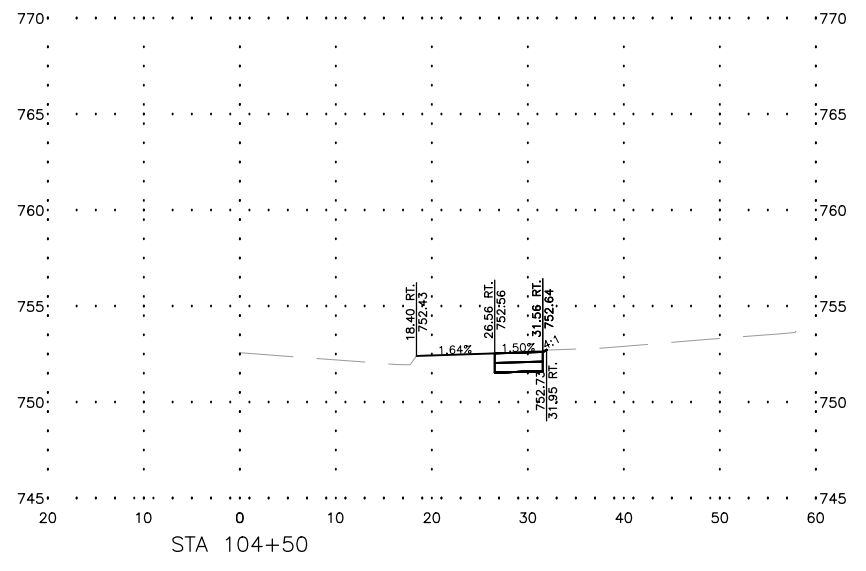
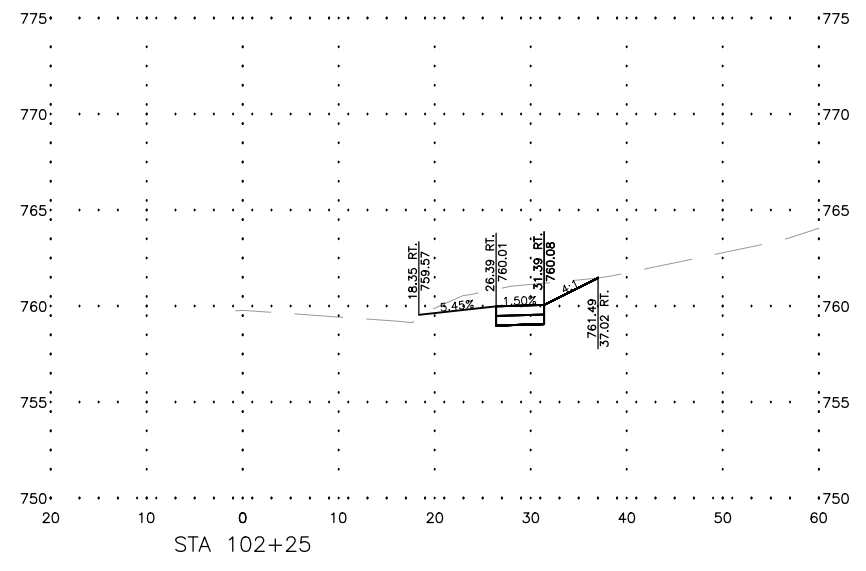
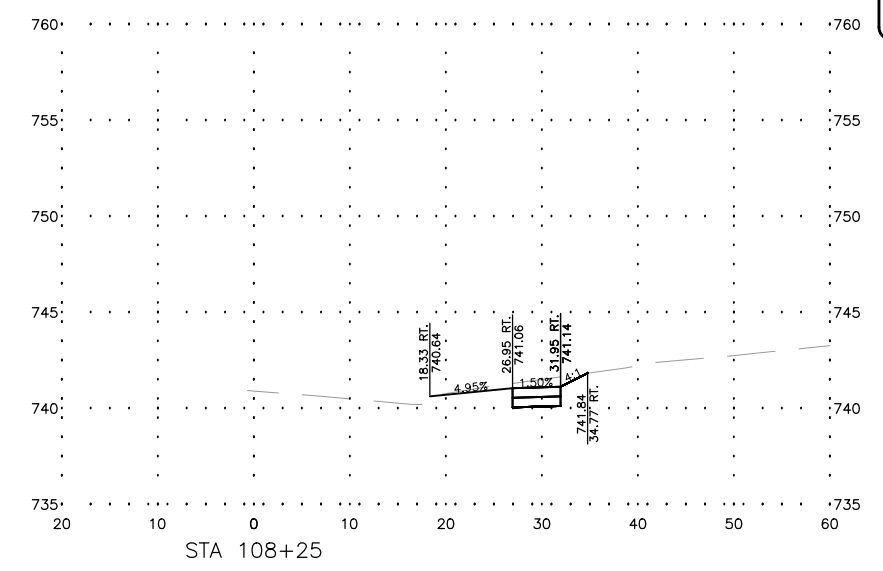
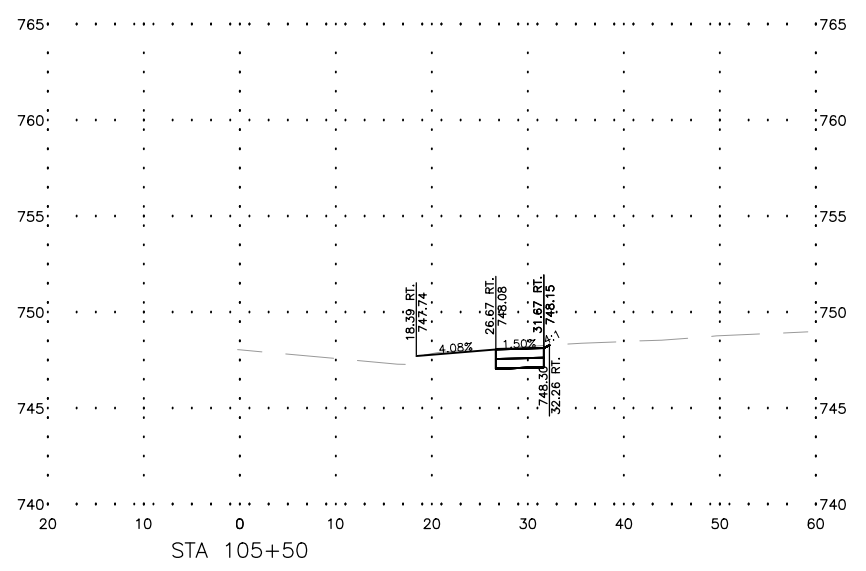
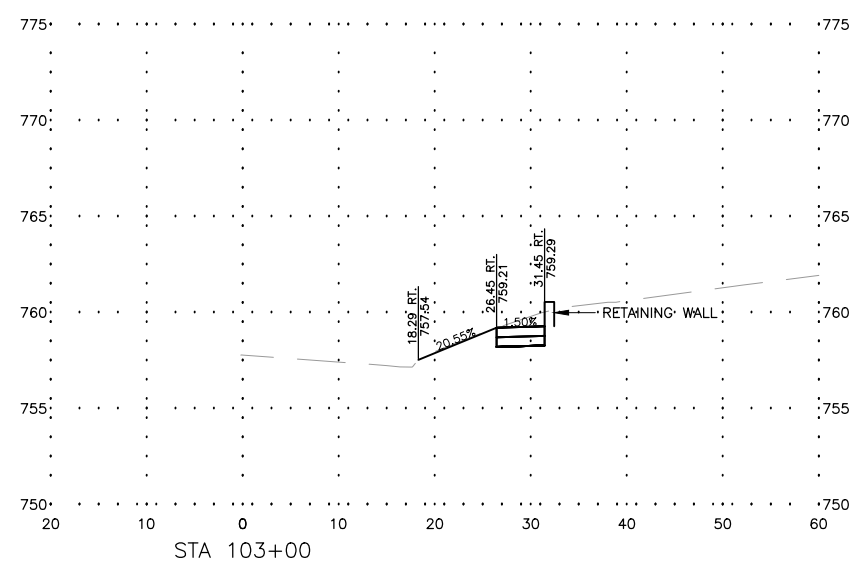
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DRAWING:  
RETAINING WALL GRADING

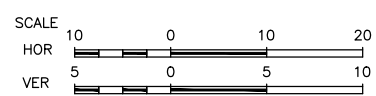
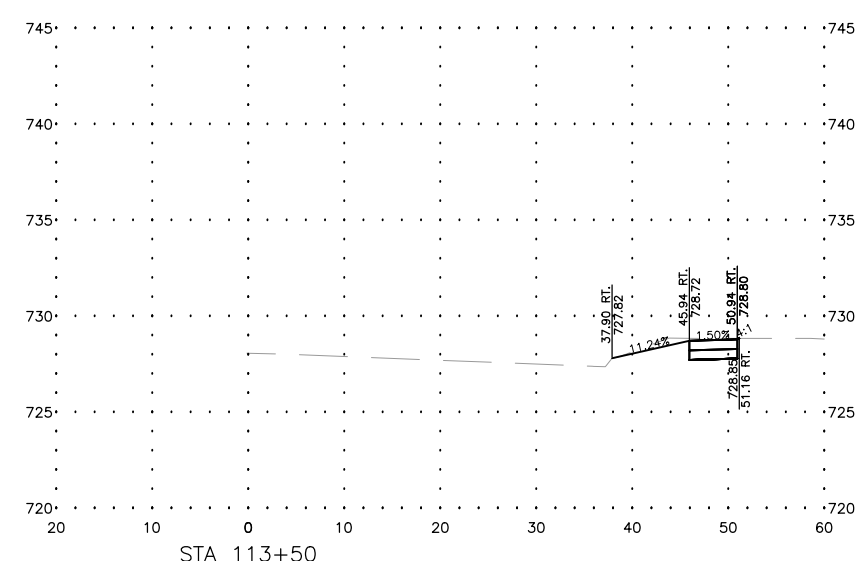
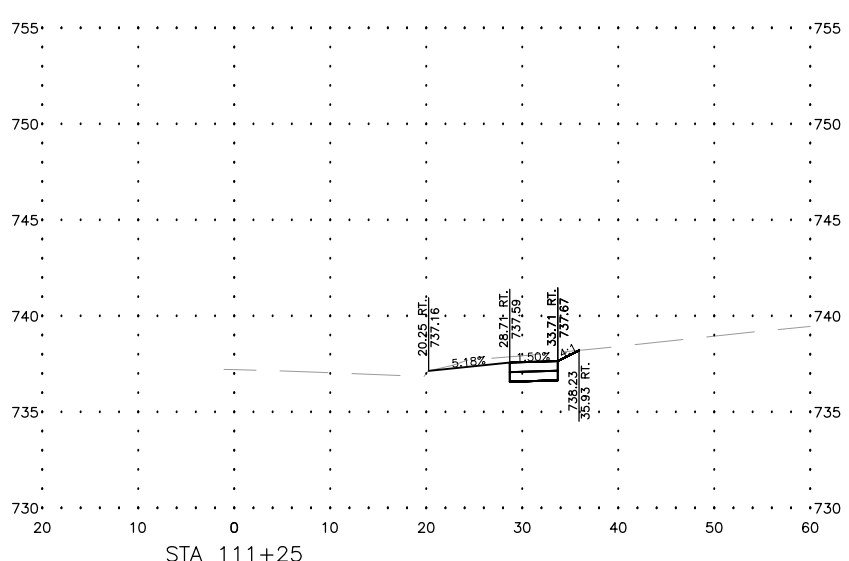
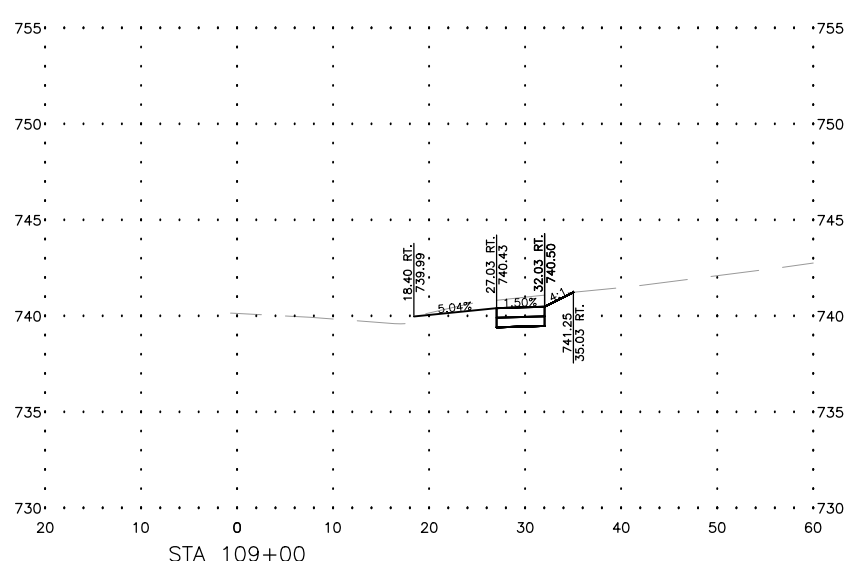
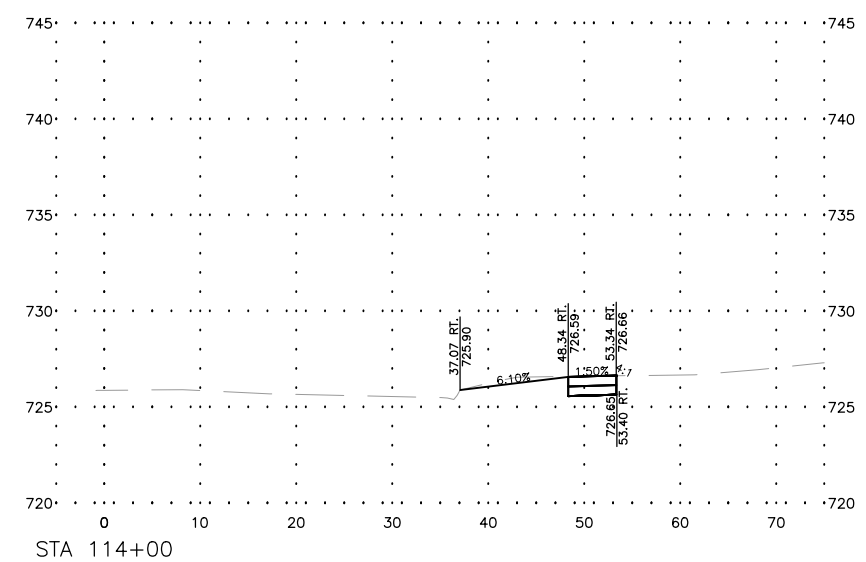
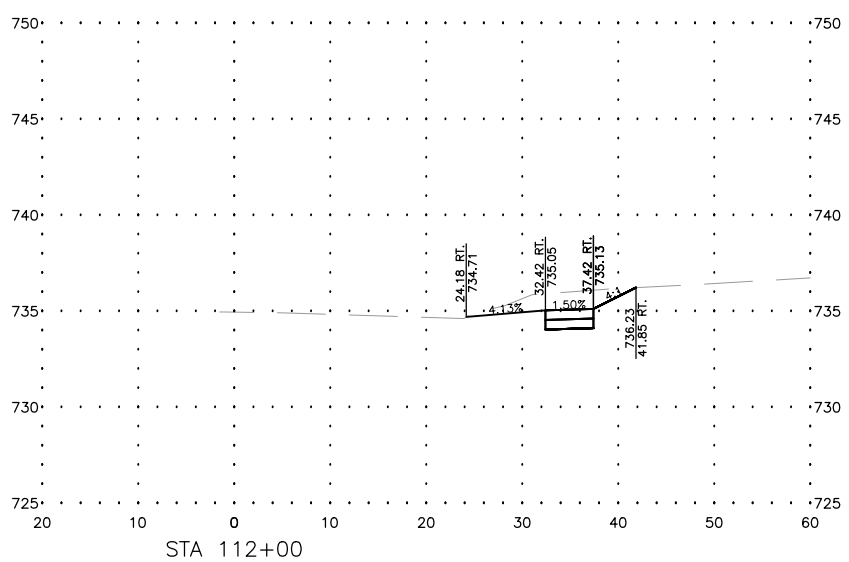
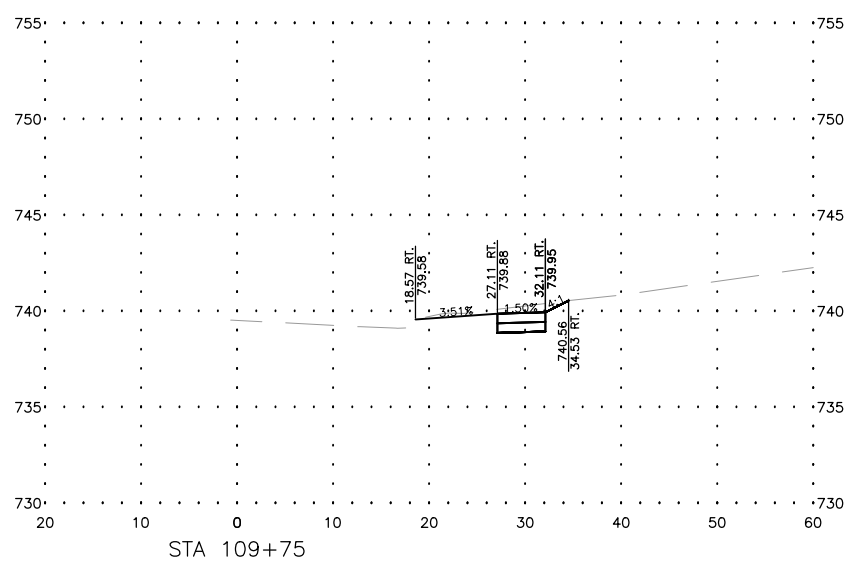
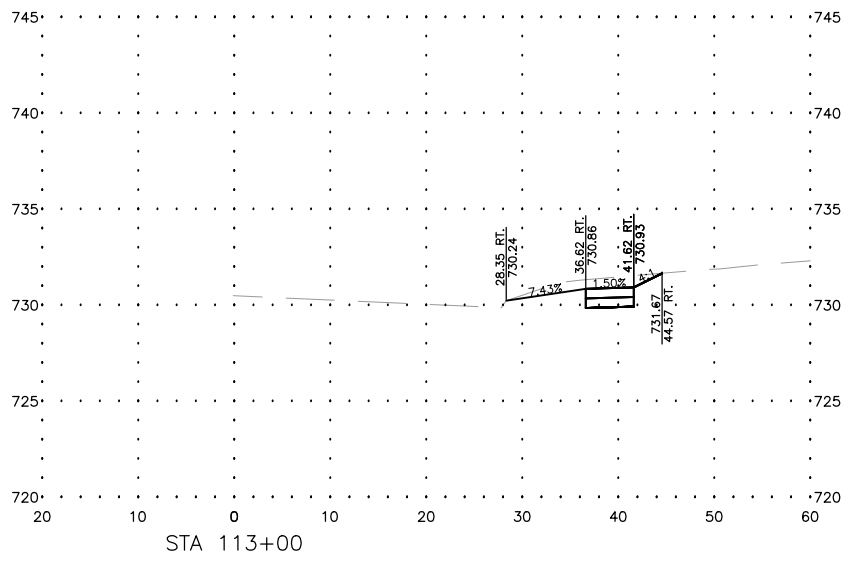
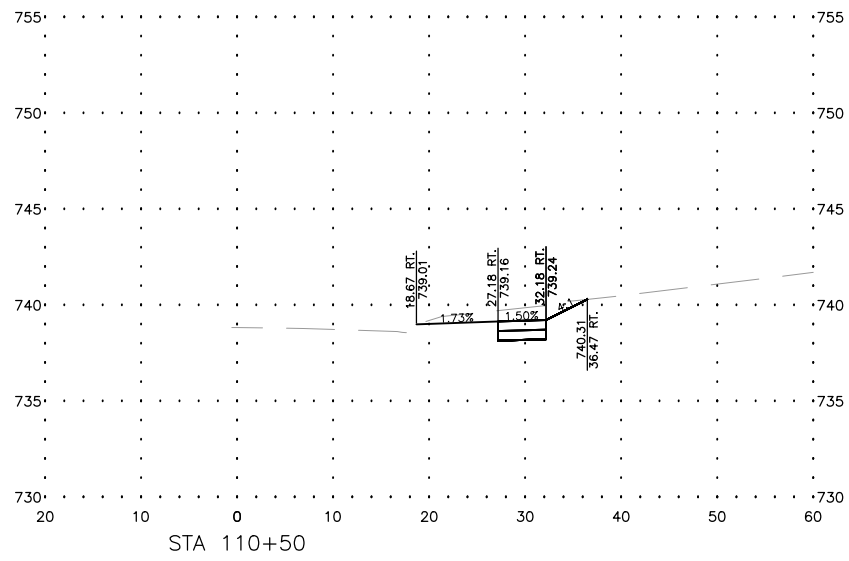
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JOB NUMBER:  
20-394A

SHEET NUMBER:  
38 of 49



| REVISIONS |             |      |
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**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
CITY OF ROCKFORD  
425 EAST STATE STREET  
ROCKFORD, IL 61104

PROJECT AND LOCATION:  
PARKVIEW AVENUE  
ROCKFORD, ILLINOIS

DRAWN BY: BF  
APPROVED BY: WK  
DATE: 2/8/23  
SCALE: AS NOTED

| REVISIONS |             |      |
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| REV. NO.  | DESCRIPTION | DATE |
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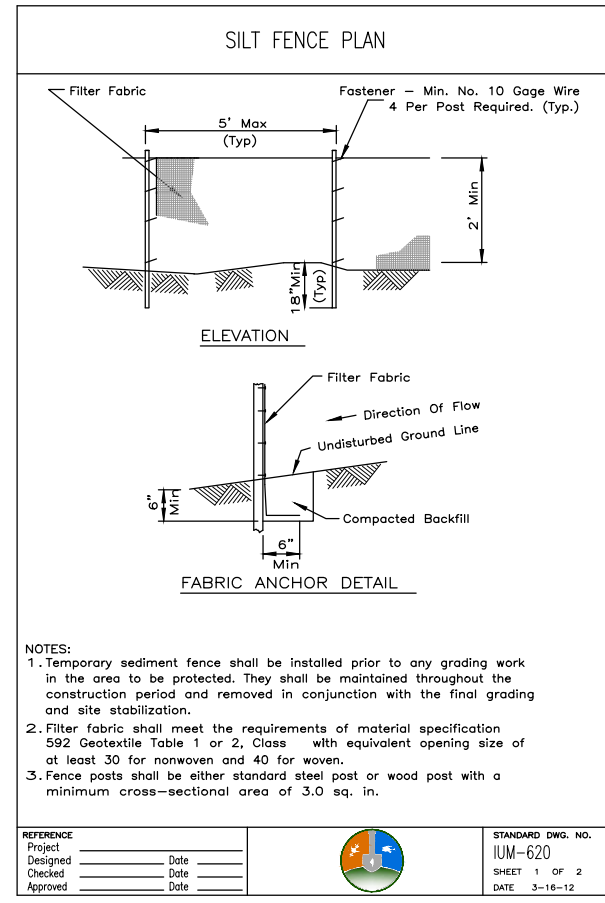
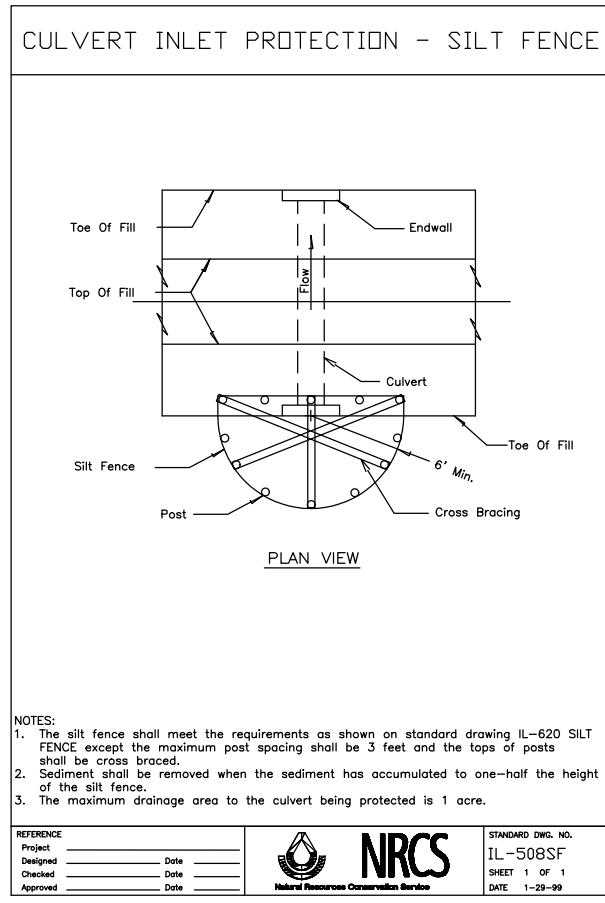
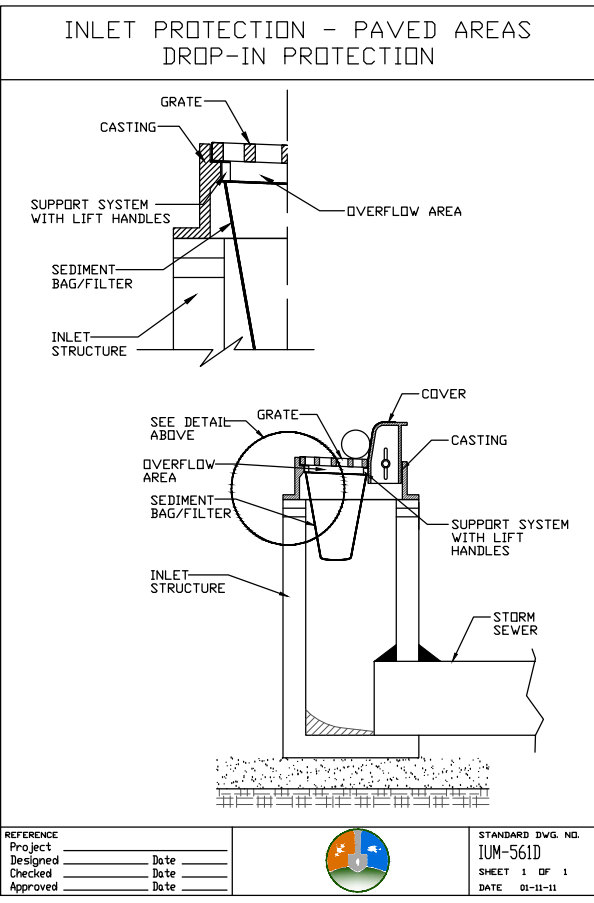
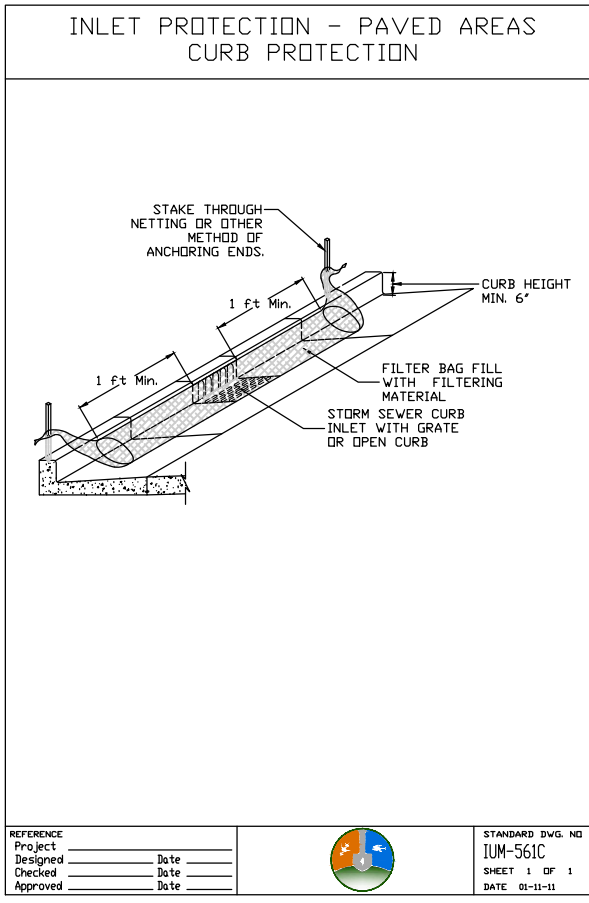
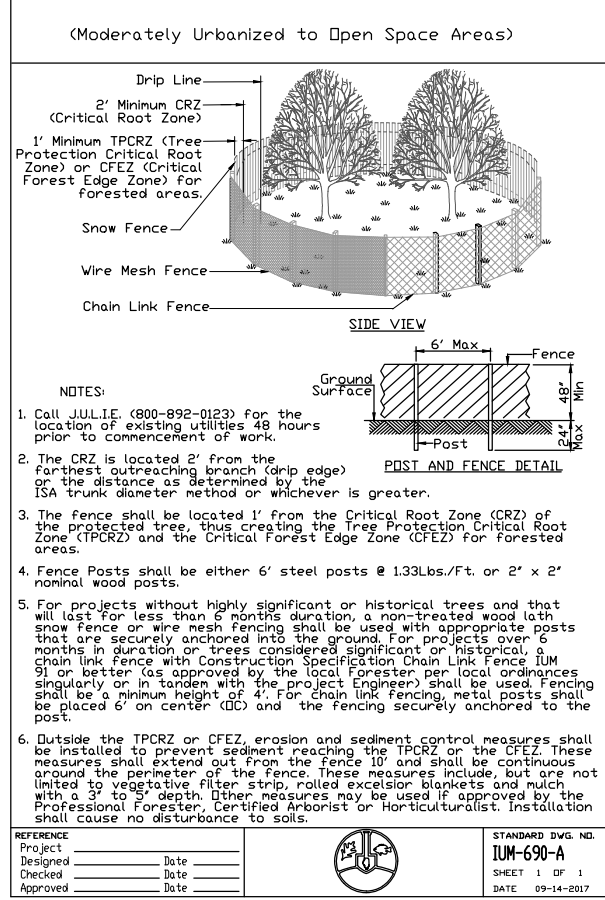
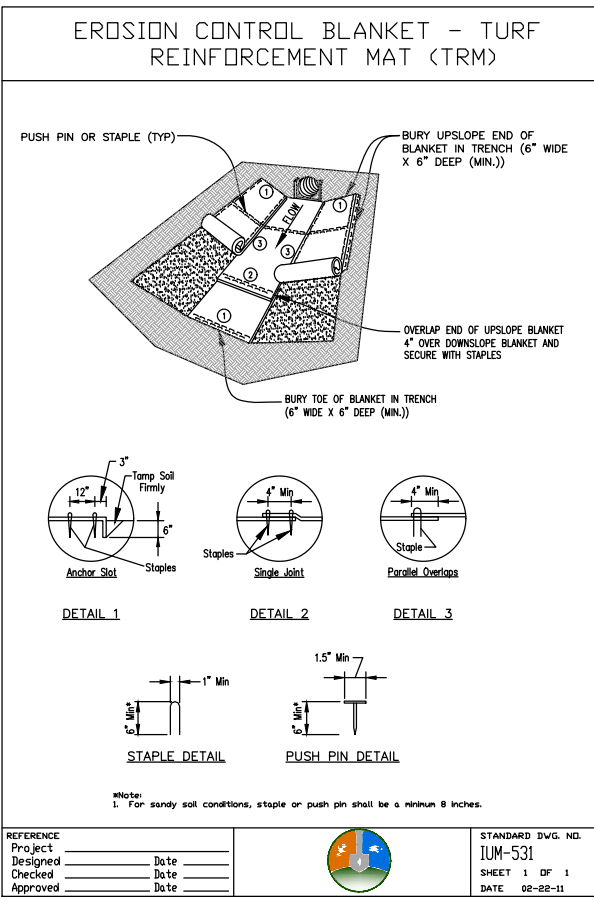
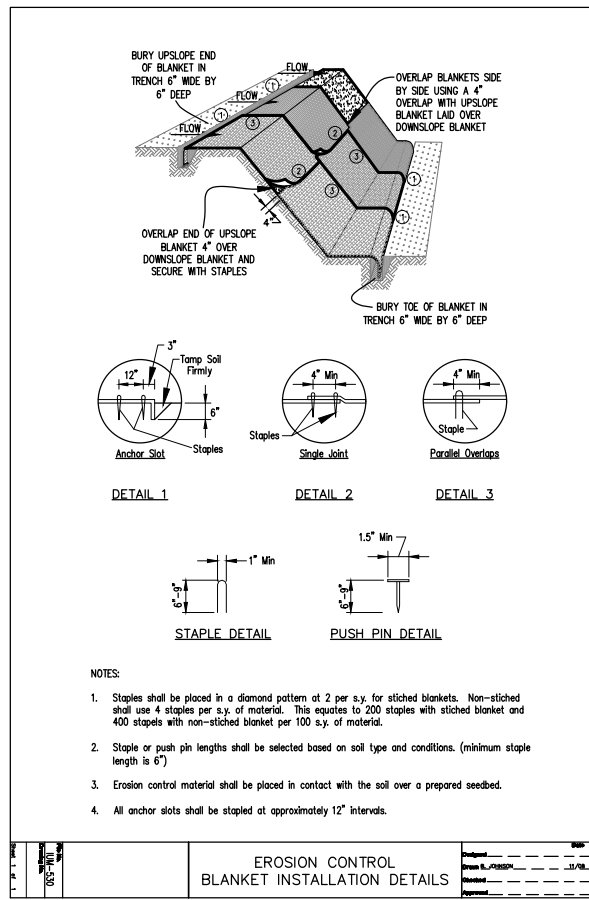
DRAWING:  
PARKVIEW AVENUE CROSS SECTIONS

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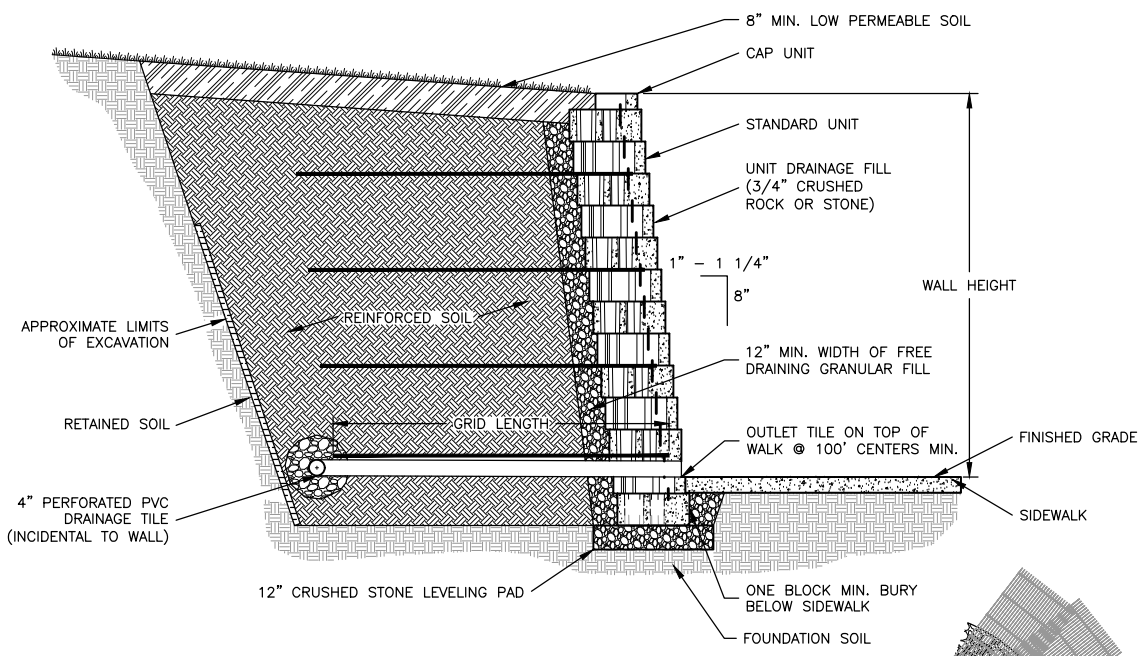
JOB NUMBER:  
20-394A

SHEET NUMBER:  
40 of 49

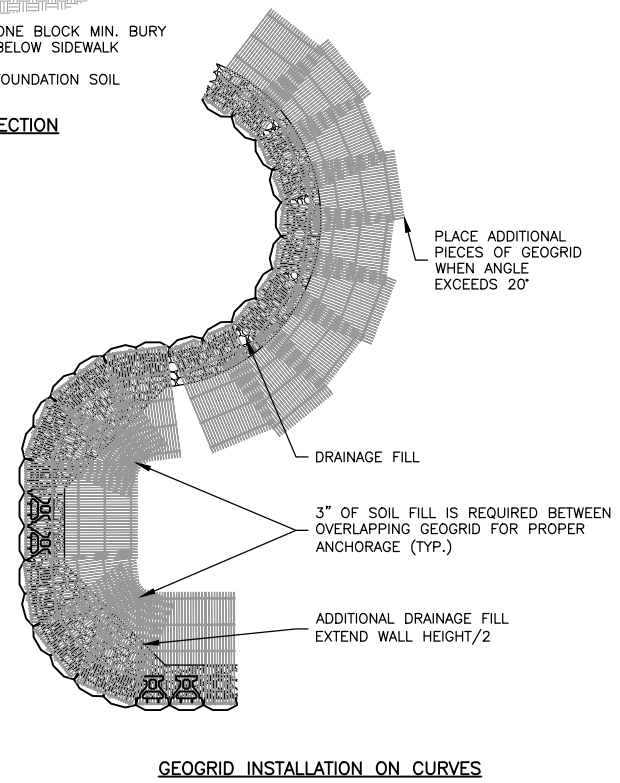
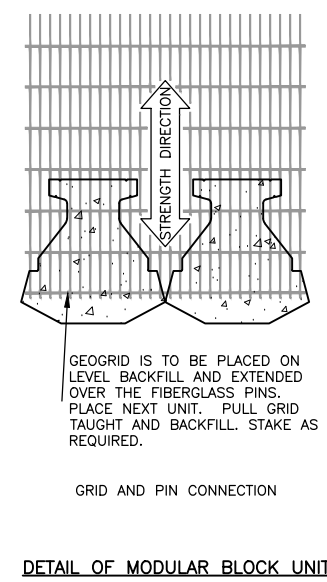
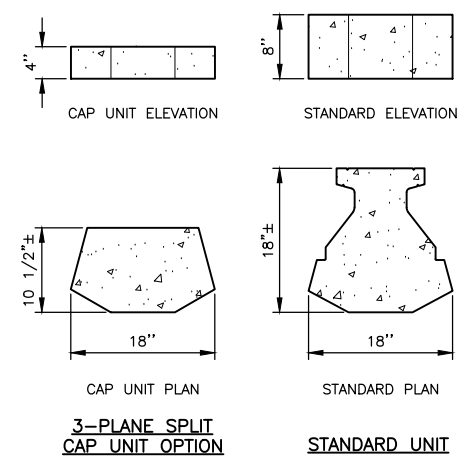




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| REV. NO.  | DESCRIPTION | DATE |
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**TYPICAL REINFORCED WALL SECTION**  
N.T.S.



**MODULAR RETAINING WALL WITH GEOGRID DETAILS**  
N.T.S.

NOTE: GEOGRID SHALL EXTEND BACK A MINIMUM OF 0.7 TIMES THE HEIGHT OF WALL. LONGER GEOGRID LENGTH SHALL BE USED WHEN SPECIFIED BY MODULAR BLOCK MANUFACTURER.

THE FOUNDATION SOILS SHALL HAVE A MINIMUM UNCONFINED COMPRESSIVE STRENGTH OF 2000 PSF. IF LOW STRENGTH SOILS ARE ENCOUNTERED AT LEVELER PAD GRADE, SUBGRADE SHALL BE OVER EXCAVATED 2' AND REPLACED WITH COARSE AGGREGATE.

GEOGRID SPACING AND MATERIAL STRENGTH TO BE DETERMINED BY MODULAR BLOCK MANUFACTURER.

PAY ITEM FOR RETAINING WALL PER SQUARE FOOT SHALL BE BASED ON EXPOSED WALL HEIGHT ONLY. WALL BELOW GRADE SHALL BE CONSIDERED INCIDENTAL.

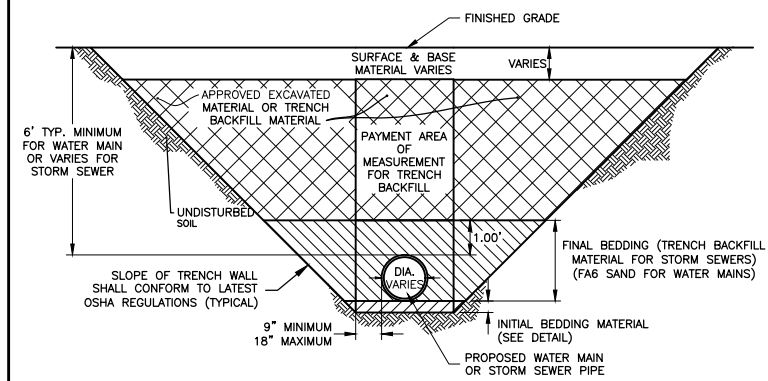
ALL ITEMS SHOWN ON THIS DETAIL SHALL BE INCLUDED IN THE UNIT COST PER SQUARE FOOT OF RETAINING WALL.

COLOR TO BE DETERMINED BY OWNER PRIOR TO CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH OWNER TO ENSURE PROPER COLOR PRIOR TO OBTAINING MATERIALS.

**NOTES:**

- THE CONTRACTOR SHALL INSURE THAT ALL TRENCHING OPERATIONS CONFORM TO THE LATEST OSHA REGULATIONS.
- FINAL BEDDING MATERIAL SHALL BE INCIDENTAL TO THE CONTRACT.
- TRENCH BACKFILL MATERIAL SHALL MEET THE REQUIREMENTS OF ARTICLE 1003.04 OR 1004.05.
- TRENCH BACKFILL MATERIAL SHALL BE MECHANICALLY COMPACTED AT A MAXIMUM OF 12" INCREMENTS TO 95% STANDARD PROCTOR OPTIMUM DENSITY.
- APPROVED EXCAVATED MATERIAL SHALL MEET THE REQUIREMENTS OF ARTICLE 1003.04 OR 1004.05 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. NO COMPENSATION WILL BE ALLOWED AS TRENCH BACKFILL FOR THE PORTION OF THE TRENCH BACKFILLED WITH EXCAVATED MATERIAL.
- AG-LIME (FA20/FA21) WILL NOT BE ALLOWED FOR TRENCH BACKFILL MATERIAL.
- MAXIMUM PAYMENT TRENCH WIDTH SHALL BE AS FOLLOWS:

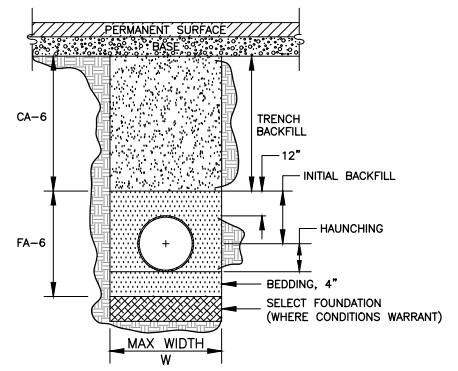
| PIPE I.D. | MAX. PAYMENT WIDTH |
|-----------|--------------------|
| 3/4" - 2" | 3.00'              |
| 4"        | 3.42'              |
| 6"        | 3.58'              |
| 8"        | 3.78'              |
| 10"       | 3.97'              |
| 12"       | 4.17'              |
| > 12"     | O.D. + 3.00'       |



**CITY OF ROCKFORD TRENCH BACKFILL DETAIL**  
N.T.S.

DTL-TRENCH BACKFILL(FGA)

| PIPE DIA. (IN.) | MAX. PAY WIDTH (FT.) |
|-----------------|----------------------|
| <4              | 3.00                 |
| 4               | 3.33                 |
| 6               | 3.58                 |
| 8               | 3.78                 |
| 10              | 3.97                 |
| 12              | 4.17                 |
| 15              | 4.46                 |
| 16              | 4.56                 |
| 18              | 4.75                 |
| 24              | 5.33                 |
| 30              | 5.95                 |

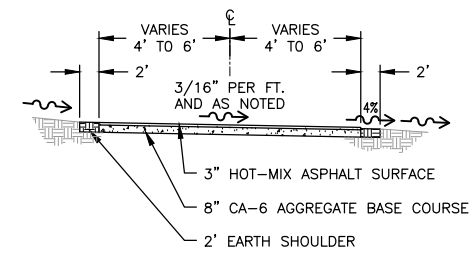


NOTE: THESE ITEMS WILL BE INCIDENTAL.

TRENCH BACKFILL SHALL BE MECHANICALLY COMPACTED TO 95% STANDARD PROCTOR OPTIMUM DENSITY.

**TRENCH BACKFILL AND SELECT FOUNDATION MATERIAL PAY LIMIT SCHEDULE**  
N.T.S.

DTL-TRENCH & FOUNDATION



**TYPICAL MULTI-USE PATH SECTION (SLOPE TO ONE SIDE)**  
N.T.S.

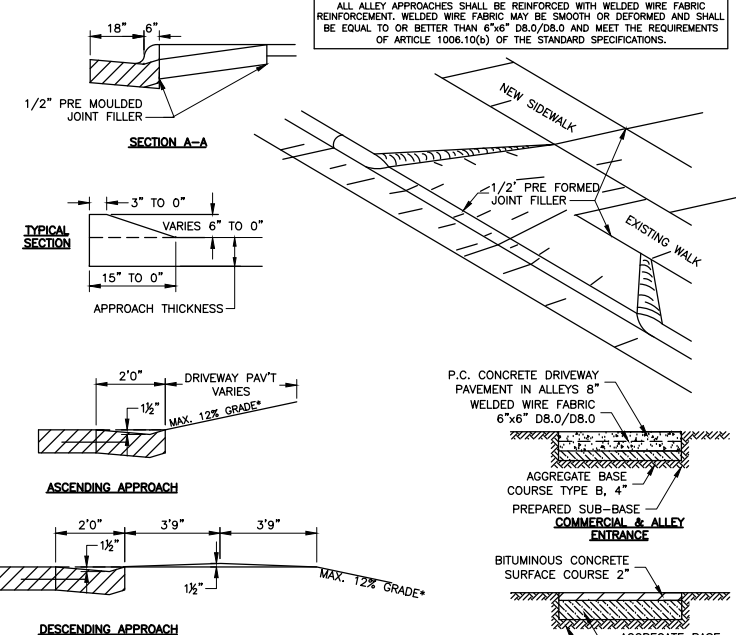
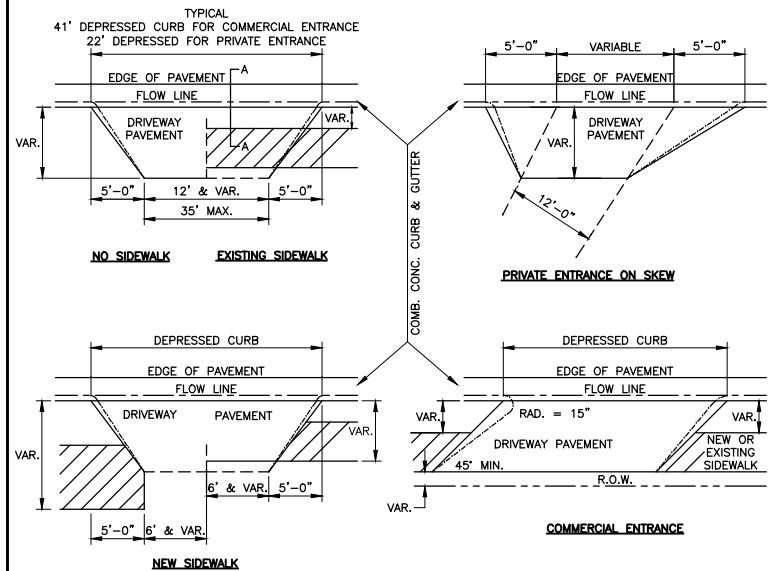
NOTE: COMPACT SUBGRADE TO MINIMUM 95% OF STANDARD PROCTOR DENSITY.

SHOULDER AREA SHALL BE GRADED 1/2" LOWER THAN PATH TO FACILITATE DRAINAGE WHERE DRAINAGE IS AWAY FROM PATH. EARTH SHOULDER GRADING, SEEDING AND MULCH INCIDENTAL TO PATH.

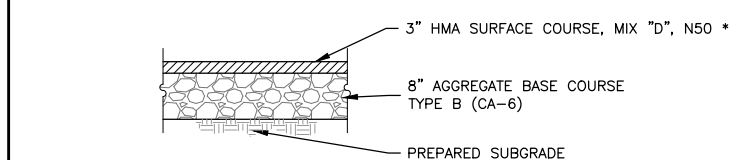
**MULTI-USE PATH TYPICAL SECTIONS**  
N.T.S.

| REVISIONS |             |      |
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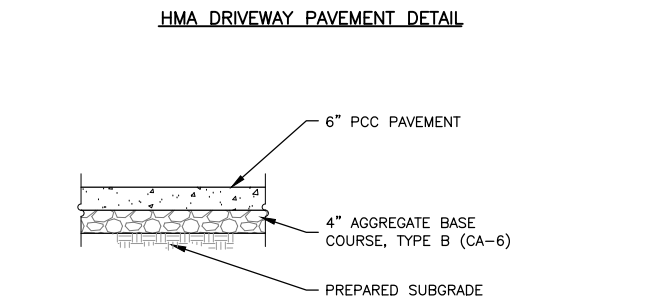
ALL ALLEY APPROACHES HAVE 8' FLARES AND SHALL BE REINFORCED WITH WELDED WIRE FABRIC REINFORCEMENT. WELDED WIRE FABRIC MAY BE SMOOTH OR DEFORMED AND SHALL BE EQUAL TO OR BETTER THAN 6"x6" DB.0/DB.0 AND MEET THE REQUIREMENTS OF ARTICLE 1006.10(b) OF THE STANDARD SPECIFICATIONS.



\*IN CASES WHERE GRADE EXCEEDS 12% THE RESIDENT ENGINEER SHALL CHECK WITH THE DISTRICT DESIGN OFFICE TO DETERMINE NEW APPROACH GRADE. PARTICULAR ATTENTION SHALL BE PAID TO THE NEGATIVE GRADE TO PREVENT DRAINAGE FROM OVERFLOWING INTO THE PRIVATE ENTRANCE.



\* PAY ITEM 40800050 INCIDENTAL HOT-MIX ASPHALT SURFACING

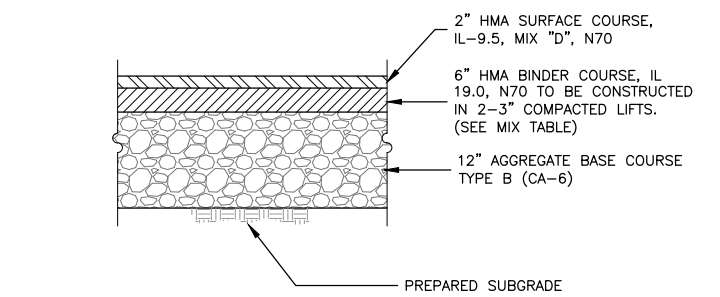
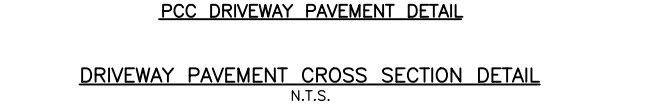


NOTE: DRIVEWAY PAVEMENT TO BE DOWELED TO ANY EXISTING ADJACENT PAVEMENT, INCIDENTAL TO PCC DRIVEWAY.

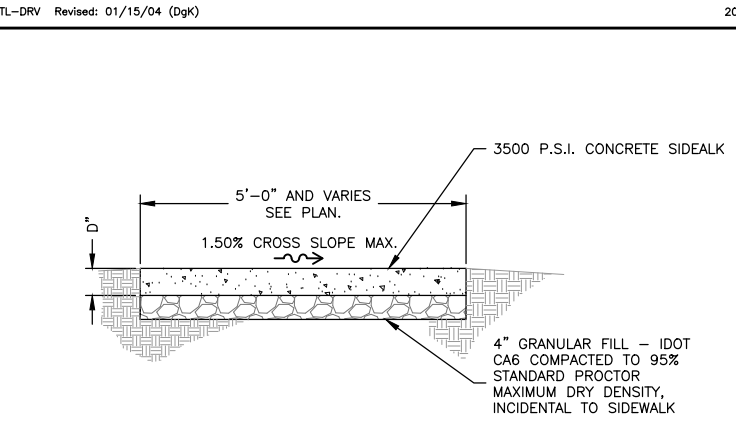
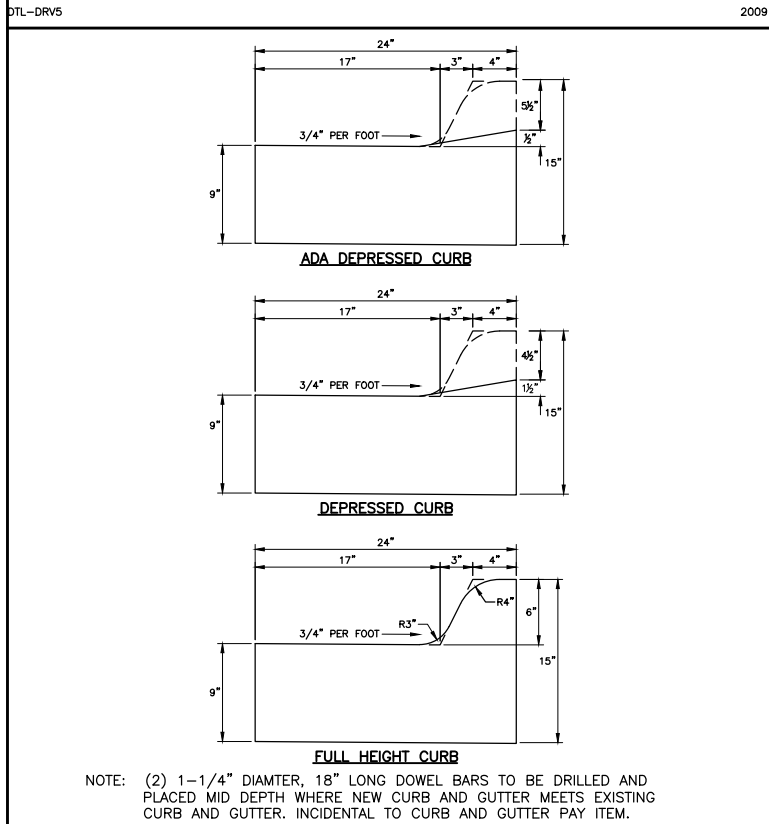
CONTROL JOINTS AS DIRECTED BY THE ENGINEER TO MATCH EXISTING.

NO SECTIONS SHALL BE JOINTED LARGER THAN 10' x 10'.

1/2" x 18" REBAR AND 3/4" PREFORMED FILLER WILL BE REQUIRED AT DRIVEWAY TIE IN, EXISTING PATCHING, OR AS DIRECTED BY THE ENGINEER.



NOTE:  
MINIMUM PAVEMENT STRUCTURE IS SHOWN. EXISTING PAVEMENT STRUCTURE SHOULD BE MATCHED IF THICKNESS EXCEEDS THIS DETAIL.



NOTE: WALK CONSTRUCTED OF 3500 PSI CONCRETE WITH 5 TO 8% AIR ENTERTAINMENT, 3/4" MAX. AGGREGATE SIZE TO A MINIMUM THICKNESS OF 4". WALK TO BE FINISHED WITH A FLOAT, STEEL TROWEL AND BARN BROOM FINISH WITH TOOLED JOINTS AND EDGES AND CURING COMPOUND. FORMED JOINTS TO BE FINISHED WITH 1/4" RADIUS.

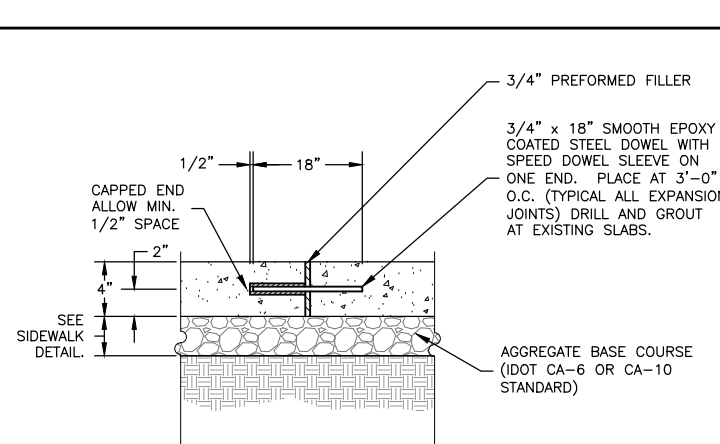
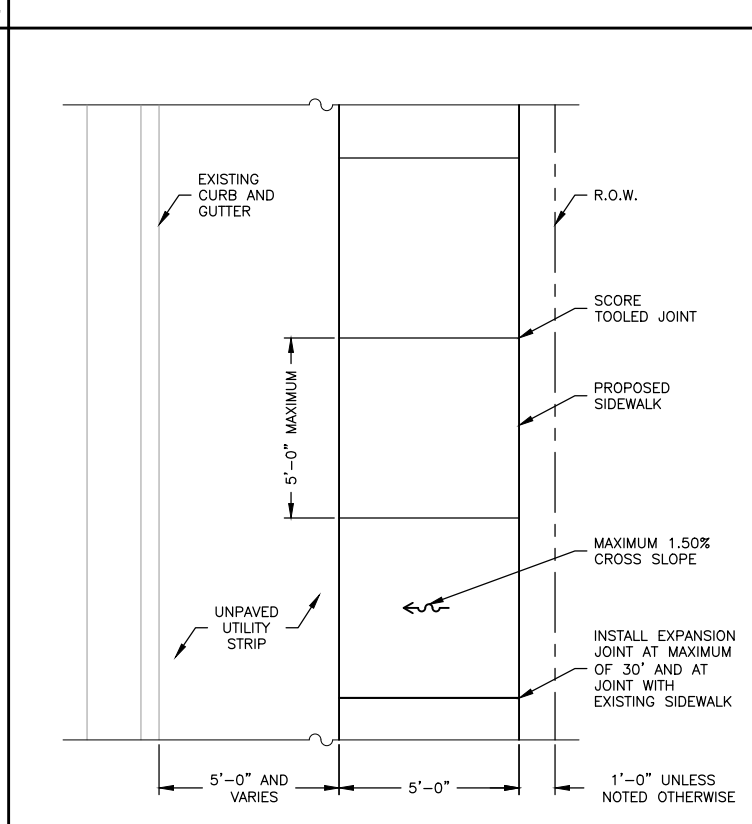
INSTALL 1/2" WIDE EXPANSION JOINTS WITH BITUMINOUS JOINT FILLER AT 30'-0" O.C. (EXTEND FULL DEPTH OF WALK).

SCORE TOOLED JOINTS, 1/2 D DEEP, AT 5'-0" O.C. UNLESS OTHERWISE NOTED. SEE SIDEWALK JOINT DETAILS.

INSTALL 1/2" WIDE BITUMINOUS ISOLATION JOINT WHERE SIDEWALK ABUTS A CURB, CONCRETE DRIVEWAY, STRUCTURE OR AT AN ADJACENT CURB JOINT (EXTEND FULL DEPTH OF WALK).

DEPTH D = 4" MIN. EXCEPT AT CURB RAMPS WHERE D = 6" MIN. OR AT DRIVEWAYS WHERE D = 6" MIN.

SIDEWALK RAMPS AT DRIVES TO BE CONSTRUCTED ACCORDING TO IDOT STANDARD No. 424001.



**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525  
ILLINOIS IOWA WISCONSIN

OWNER/DEVELOPER:  
CITY OF ROCKFORD  
425 EAST STATE STREET  
ROCKFORD, IL 61104

PROJECT AND LOCATION:  
PARKVIEW AVENUE  
ROCKFORD, ILLINOIS

DRAWN BY: BF  
APPROVED BY: WK  
DATE: 2/8/23  
SCALE: AS NOTED

| REVISIONS |             |      |
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| REV. NO.  | DESCRIPTION | DATE |
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DRAWING:  
DETAILS

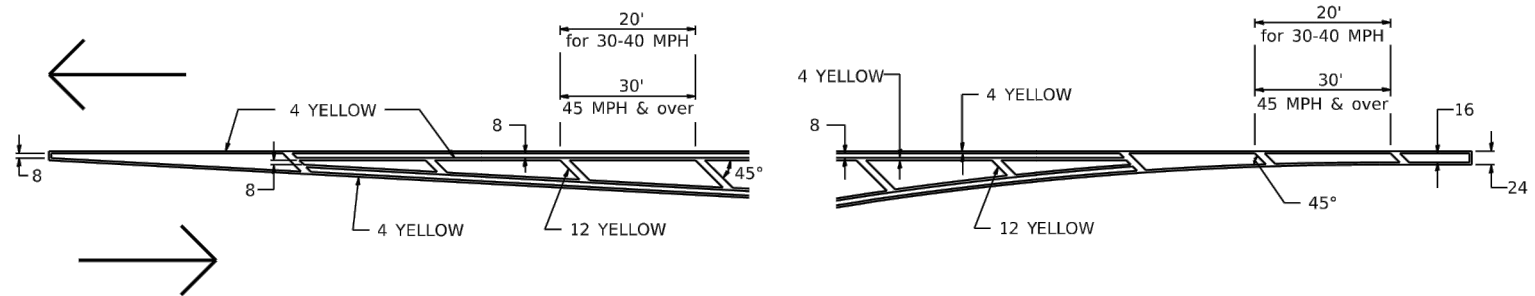
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JOB NUMBER:  
20-394A

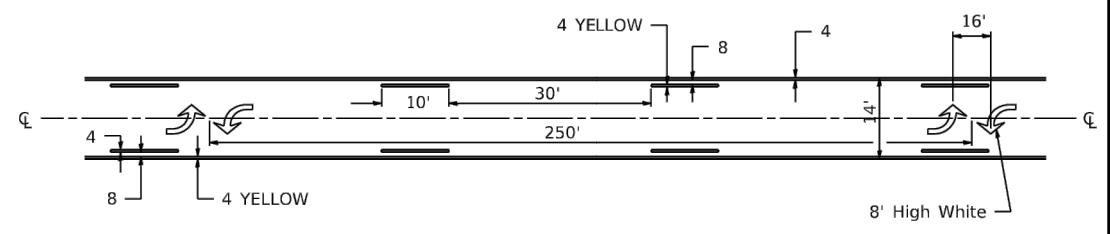
SHEET NUMBER:  
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# TYPICAL PAVEMENT MARKINGS

## TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

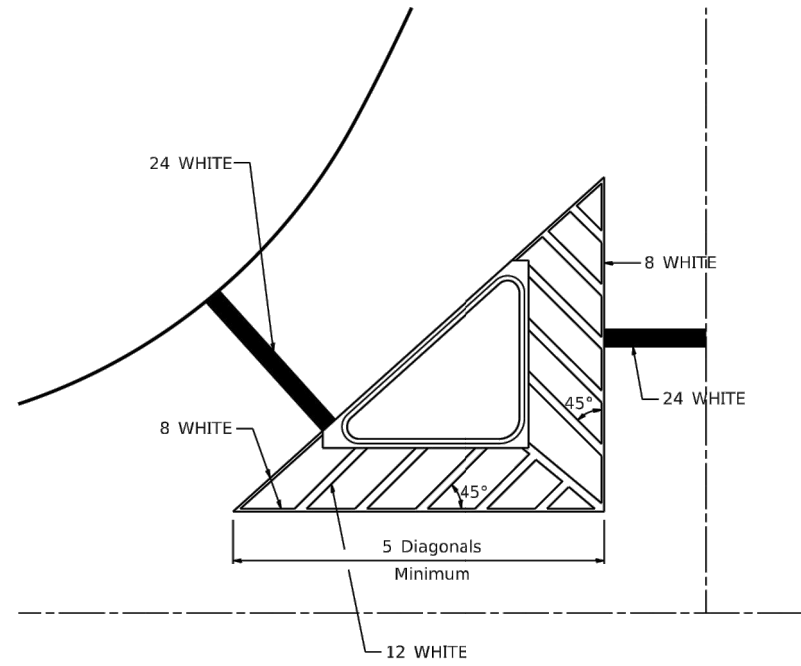


## MEDIAN PAVEMENT MARKING



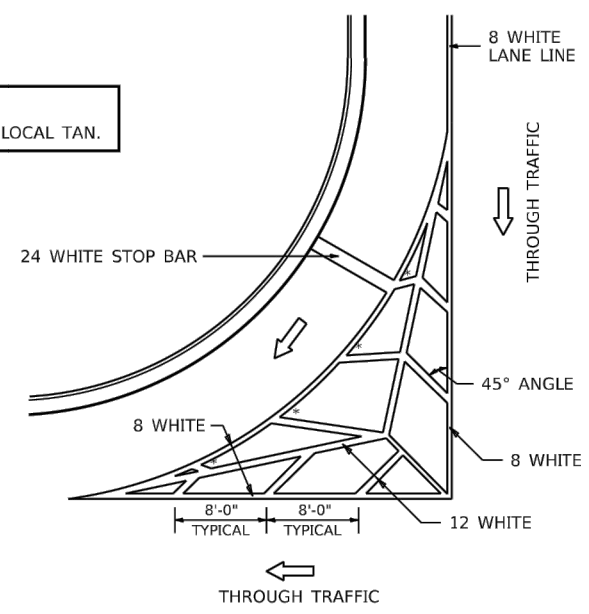
\*\* ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

## TYPICAL ISLAND OFFSET SHOULDER WIDTH



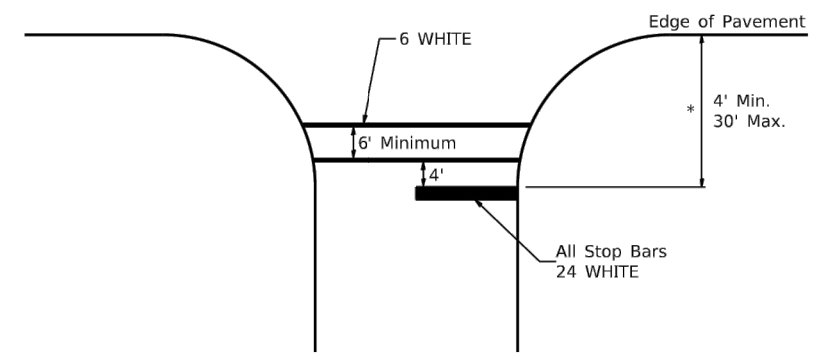
## TYPICAL MARKING FOR PAINTED ISLANDS

NOTE:  
\* 45° TO LOCAL TAN.



## STANDARD CROSSWALK MARKING

See Schedules for Locations



\* Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

|  |                            |            |                   |
|--|----------------------------|------------|-------------------|
| FILE NAME: C:\Projects\ID2stand\ID2standards.cel | USER NAME = hogensonjd     | DESIGNED - | REVISED - 6-27-14 |
|  |                            | DRAWN -    | REVISED - 3-05-12 |
|  | PLOT SCALE = 3.0909' / in. | CHECKED -  | REVISED -         |
|  | PLOT DATE = 3/11/2022      | DATE -     | REVISED -         |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

|                           |         |        |              |           |
|---------------------------|---------|--------|--------------|-----------|
| F.A. RTE.                 | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|                           |         |        |              |           |
| CONTRACT NO.              |         |        |              |           |
| ILLINOIS FED. AID PROJECT |         |        |              |           |

TYPICAL PAVEMENT MARKINGS SHEET 1 OF 3 41.1

**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
CITY OF ROCKFORD  
425 EAST STATE STREET  
ROCKFORD, IL 61104

PROJECT AND LOCATION:  
PARKVIEW AVENUE  
ROCKFORD, ILLINOIS

DRAWN BY: BF  
APPROVED BY: WK  
DATE: 2/8/23  
SCALE: AS NOTED

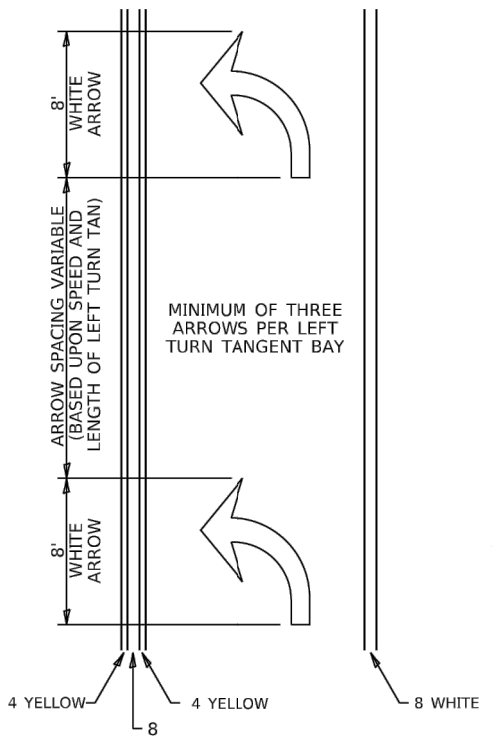
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JOB NUMBER:  
20-394A  
SHEET NUMBER:  
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# TYPICAL PAVEMENT MARKINGS

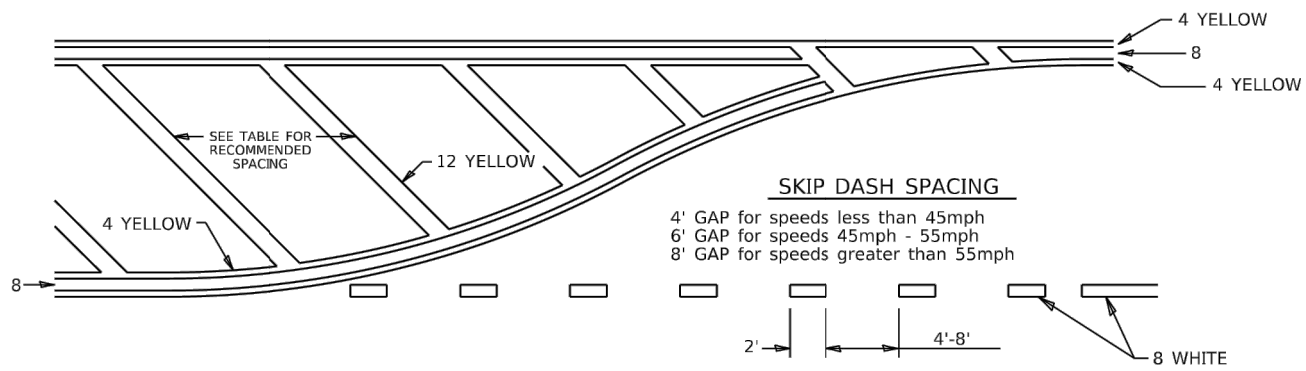
## ARROW LAYOUT



- ◁ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER
- ◇ TWO-WAY AMBER MARKER

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

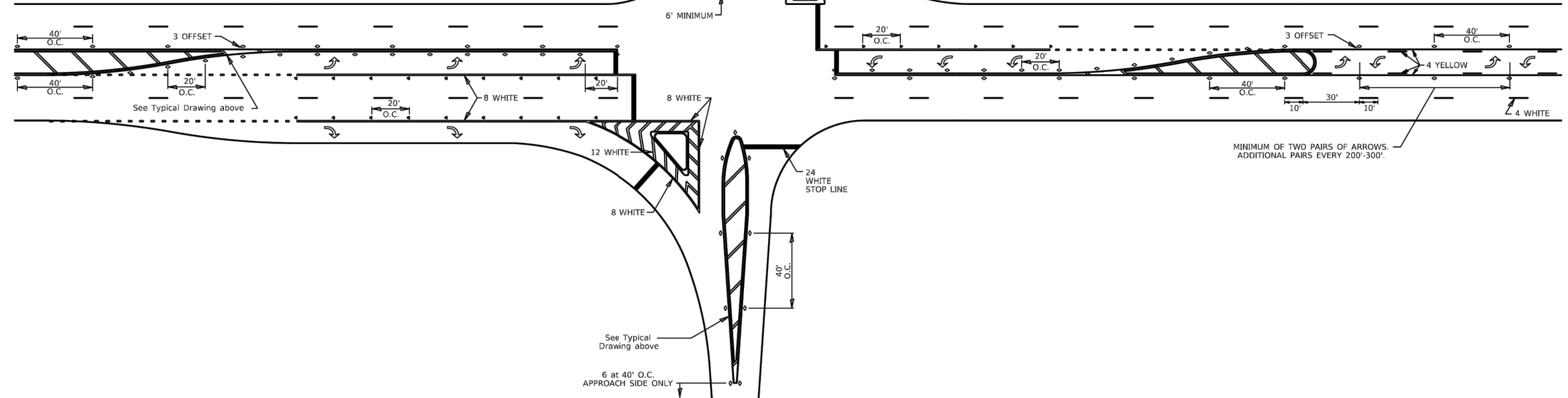
## TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



### RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

| Speed Limit Range | Continuous Median Area | Intersection Channelization | Objects (Islands) |
|-------------------|------------------------|-----------------------------|-------------------|
| less than 30MPH   | 50'                    | 15'                         | 10'               |
| 30-40MPH          | 75'                    | 20'                         | 15'               |
| 45MPH & over      | 75'                    | 30'                         | 20'               |

NOTE: if the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.



|  |                        |            |                   |   |  |                     |           |         |                           |              |           |  |
|--|------------------------|------------|-------------------|---|--|---------------------|-----------|---------|---------------------------|--------------|-----------|--|
| FILE NAME: C:\Projects\ID2standards\ID2standards.cel | USER NAME = hogensonjd | DESIGNED - | REVISED - 6-27-14 | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>REGION 2 / DISTRICT 2 STANDARD</b>              |                     | F.A. RTE. | SECTION | COUNTY                    | TOTAL SHEETS | SHEET NO. |  |
|  |                        | DRAWN -    | REVISED - 3-05-12 |   | SCALE:   | SHEET 2 OF 3 SHEETS | STA.      | TO STA. | ILLINOIS FED. AID PROJECT |              |           |  |
|  |                        | CHECKED -  | REVISED -         |   | <b>TYPICAL PAVEMENT MARKINGS SHEET 2 OF 3 41.1</b> |                     |           |         |                           |              |           |  |
|  |                        | DATE -     | REVISED -         |   | CONTRACT NO.                                       |                     |           |         |                           |              |           |  |

**FEHR GRAHAM**  
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PROJECT AND LOCATION:  
PARKVIEW AVENUE  
ROCKFORD, ILLINOIS

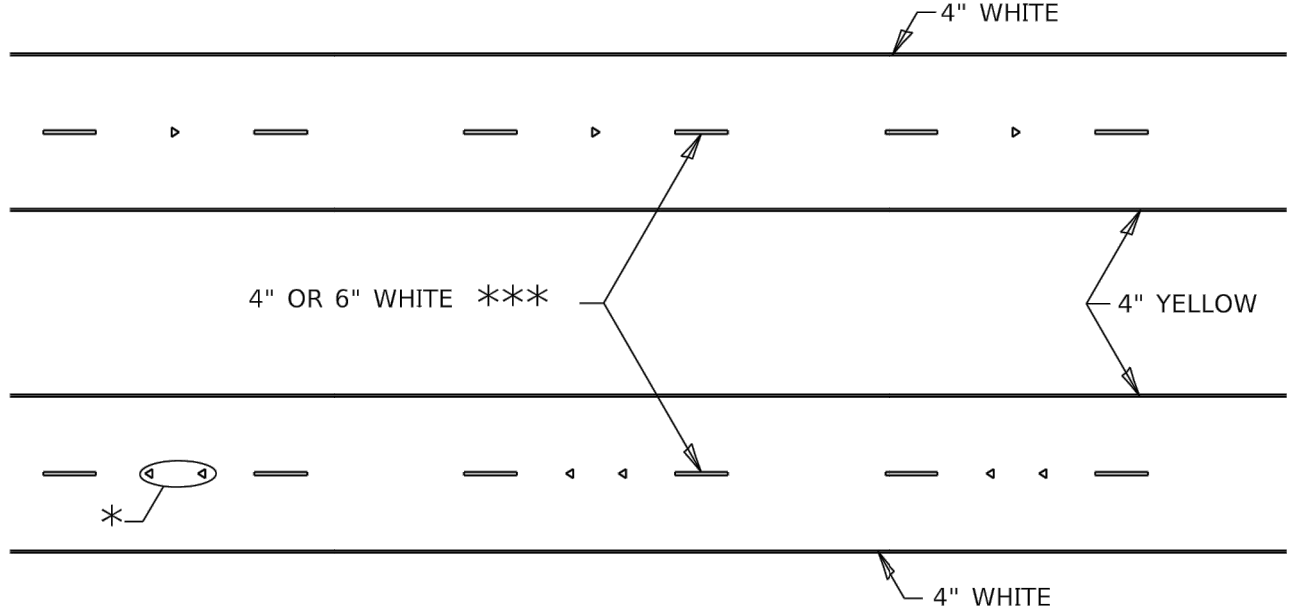
DRAWN BY: BF  
APPROVED BY: WK  
DATE: 2/8/23  
SCALE: AS NOTED

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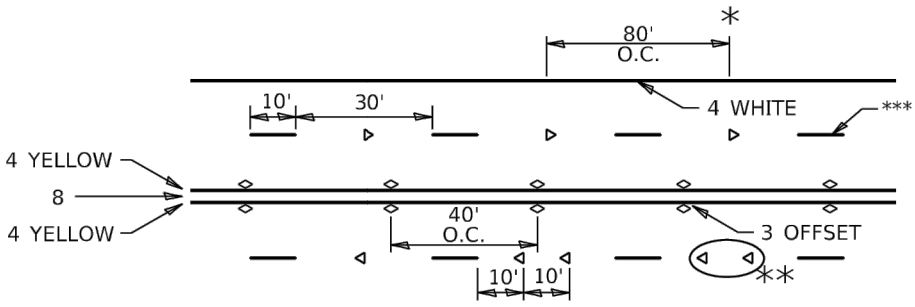
JOB NUMBER:  
20-394A  
SHEET NUMBER:  
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# TYPICAL PAVEMENT MARKINGS



\* SEE HIGHWAY STANDARD 781001 FOR SPACING DETAILS.  
USE DOUBLE MARKERS WHEN ADT ≥ 20,000.

## MULTI-LANE / DIVIDED

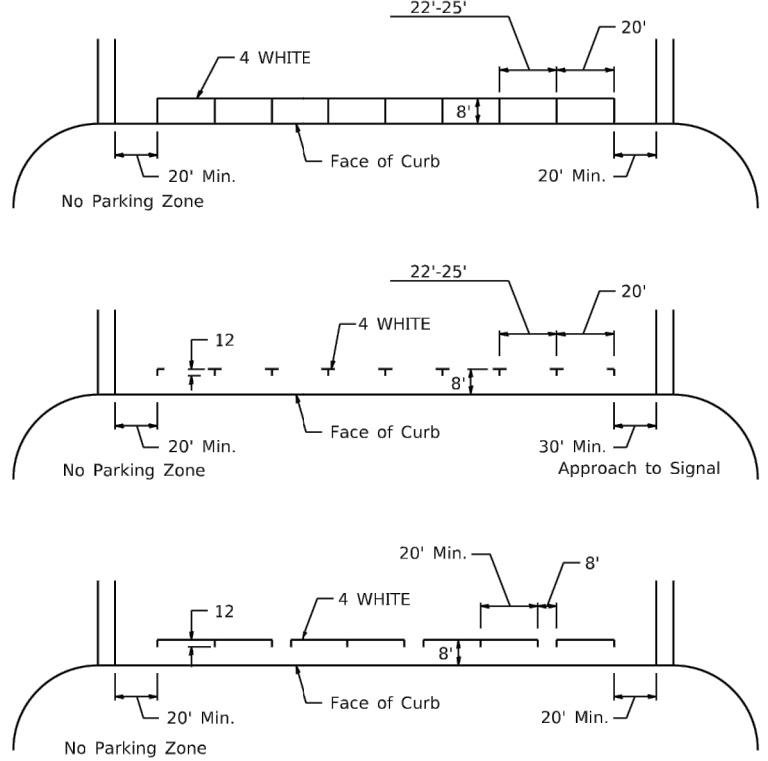


\* REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH LOWER THAN POSTED SPEEDS.  
\*\* USE DOUBLE MARKERS WHEN ADT ≥ 20,000  
\*\*\* CENTERLINE SKIP DASH PAVEMENT MARKING SPEED LIMIT LESS THAN 40 MPH USE 4" LINE. SPEED LIMIT 40 MPH AND OVER USE 6" LINE.

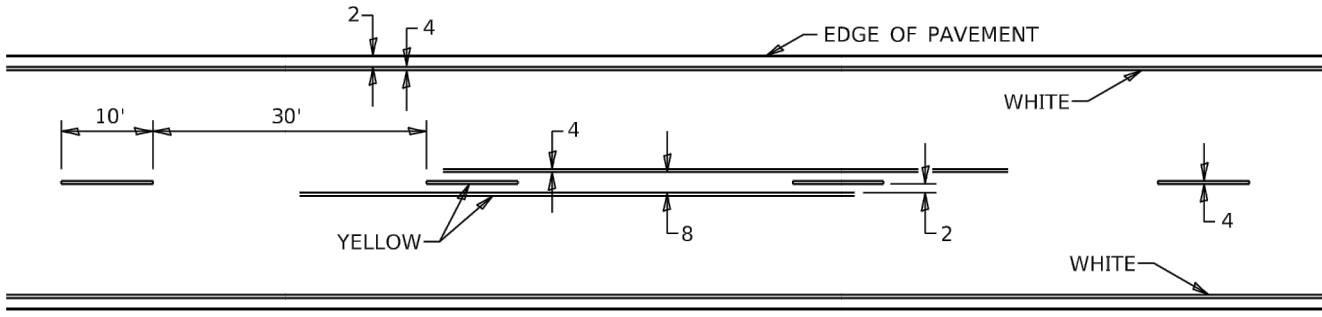
## MULTI-LANE / UNDIVIDED & ONE WAY

(FOR MULTI-LANE UNDIVIDED HIGHWAYS USE THIS DETAIL NOT HIGHWAY STANDARD 781001)

## TYPICAL PARKING SPACING



## TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION - NO PASSING ZONES



## SYMBOLS

|  |                            |                   |                    |   |                                       |                           |         |        |              |           |
|--|----------------------------|-------------------|--------------------|---|---------------------------------------|---------------------------|---------|--------|--------------|-----------|
| FILE NAME: C:\Projects\ID2stand\ID2standards.cel | USER NAME = hogensonjd     | DESIGNED -        | REVISED - 6-27-14  | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>REGION 2 / DISTRICT 2 STANDARD</b> | F.A. RTE.                 | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|  | DRAWN -                    | REVISED - 8-27-13 |                    |   |                                       |                           |         |        |              |           |
|  | PLOT SCALE = 3.0909' / in. | CHECKED -         | REVISED - 11-28-12 |   |                                       | CONTRACT NO.              |         |        |              |           |
|  | PLOT DATE = 3/11/2022      | DATE -            | REVISED -          |   |                                       | ILLINOIS FED. AID PROJECT |         |        |              |           |

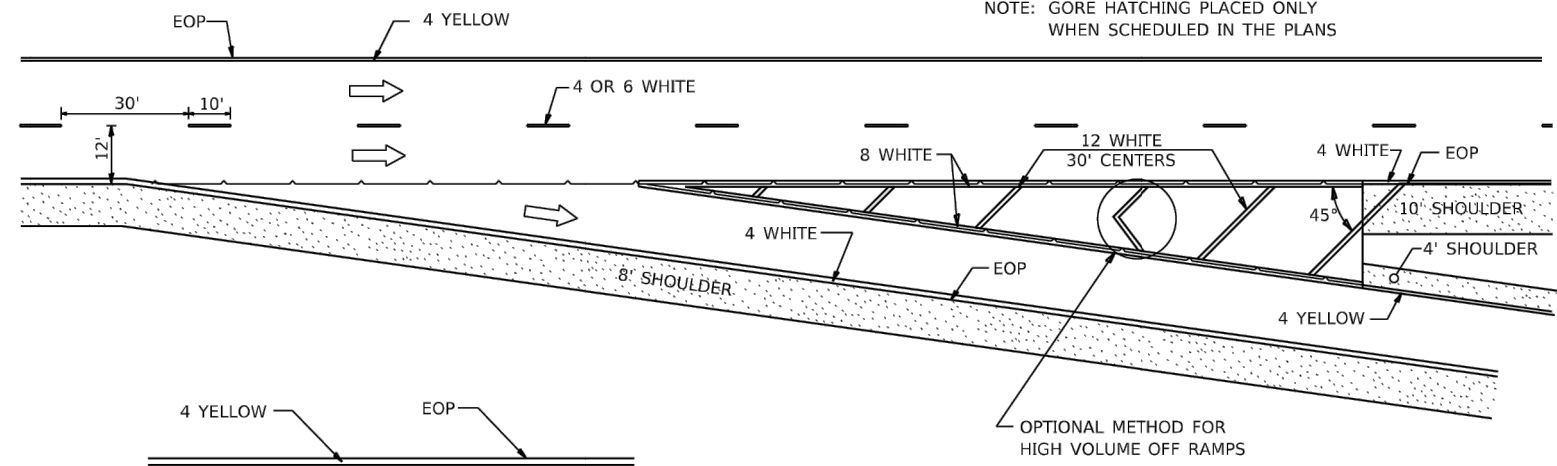
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# PAINING DETAILS

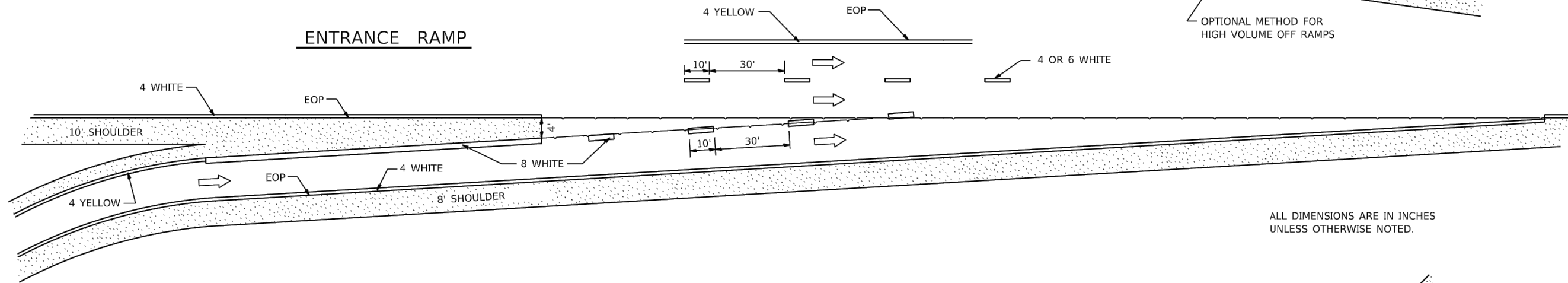
CENTERLINE SKIP DASH PAVEMENT MARKING WIDTH SHALL BE 4" WHEN THE POSTED SPEED LIMIT IS UNDER 40 MPH AND 6" WHEN THE POSTED SPEED LIMIT IS 40 MPH AND OVER.

## EXIT RAMP

NOTE: GORE HATCHING PLACED ONLY WHEN SCHEDULED IN THE PLANS

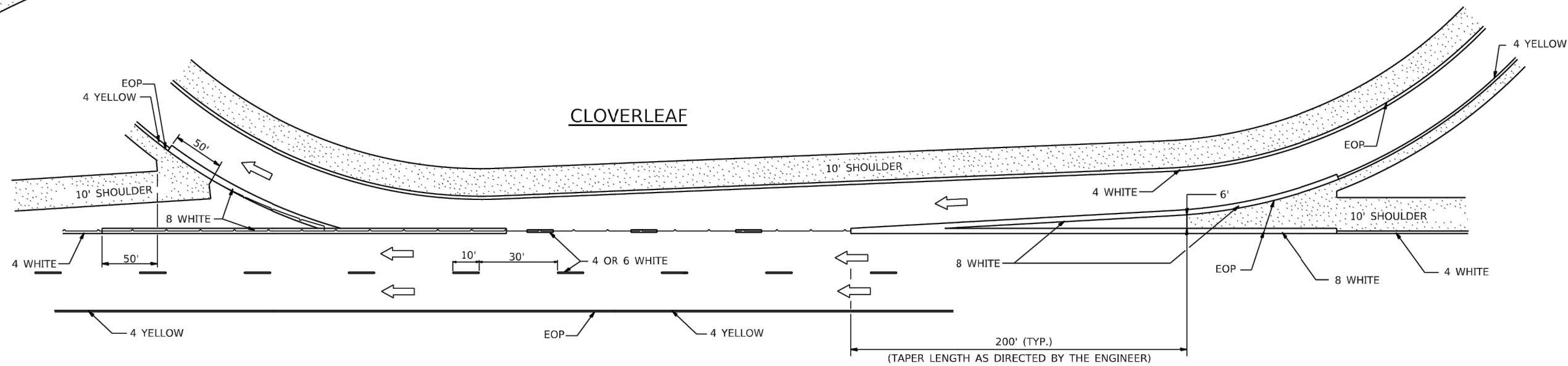


## ENTRANCE RAMP



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

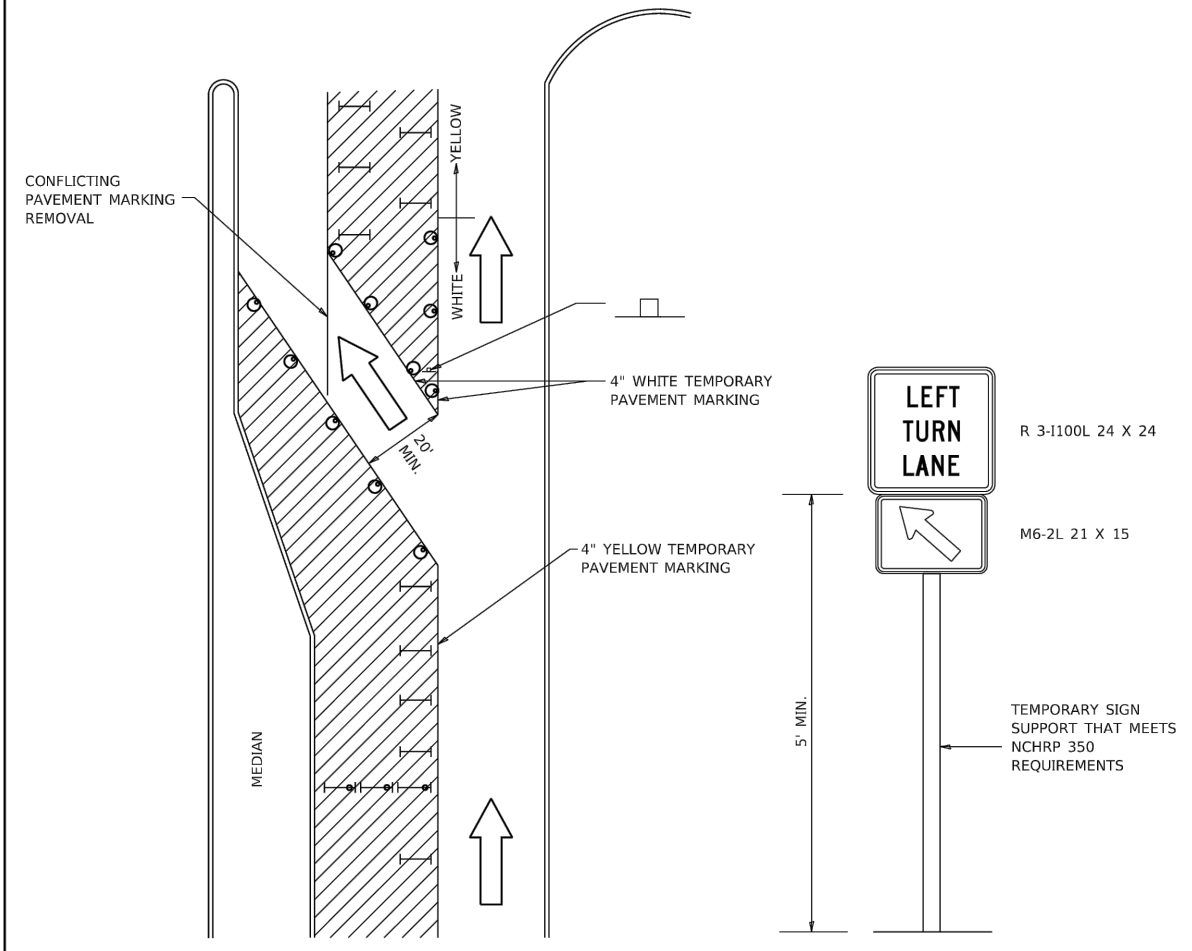
## CLOVERLEAF



|   |                            |            |                    |   |                                |       |    |           |         |         |              |           |
|---|----------------------------|------------|--------------------|---|--------------------------------|-------|----|-----------|---------|---------|--------------|-----------|
| FILE NAME: C:\Projects\ID2stand\ID25standards.cel | USER NAME = hogensonjd     | DESIGNED - | REVISED - 8-27-13  | STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION | REGION 2 / DISTRICT 2 STANDARD |       |    | F.A. RTE. | SECTION | COUNTY  | TOTAL SHEETS | SHEET NO. |
|   | PLOT SCALE = 3.0909' / in. | DRAWN -    | REVISED - 10-18-11 |   | SCALE:                         | SHEET | OF | SHEETS    | STA.    | TO STA. | CONTRACT NO. |           |
|   | PLOT DATE = 3/11/2022      | CHECKED -  | REVISED -          |   | ILLINOIS FED. AID PROJECT      |       |    |           |         |         |              |           |
|   |                            | DATE -     | REVISED -          |   | PAINTING DETAILS 44.1          |       |    |           |         |         |              |           |

| REVISIONS |             |      |
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| REV. NO.  | DESCRIPTION | DATE |
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# TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)



### LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- TYPE I OR II BARRICADE OR DRUM WITH FLASHING BURNING LIGHT
- DRUM OR BARRICADE WITH STEADY BURN LIGHT
- SIGN (SEE DETAIL)
- TYPE I OR II CHECK BARRICADE WITH STEADY LIGHT BURN

### GENERAL NOTES

CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 IN HEIGHT.

STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS WILL BE MONODIRECTIONAL.

TEMPORARY PAVEMENT MARKING SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.

THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 X 24 AND M6-2R 21 X 15 SHALL BE USED.

THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

|                    |                                       |                      |         |        |              |           |
|--------------------|---------------------------------------|----------------------|---------|--------|--------------|-----------|
| REVISED - 10-14-11 | <b>REGION 2 / DISTRICT 2 STANDARD</b> | F.A. RTE.            | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| REVISED -          |                                       |                      |         |        |              |           |
| REVISED -          |                                       | CONTRACT NO.         |         |        |              |           |
| REVISED -          |                                       | SCALE: 2.0000' / in. | SHEET   | OF     | SHEETS       | STA.      |
| REVISED -          | ILLINOIS FED. AID PROJECT             |                      |         |        |              |           |

**Traffic Control and Protection at Turn Bays (To Remain Open to Traffic) 94.2**

**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
CITY OF ROCKFORD  
425 EAST STATE STREET  
ROCKFORD, IL 61104

PROJECT AND LOCATION:  
PARKVIEW AVENUE  
ROCKFORD, ILLINOIS

DRAWN BY: BF  
APPROVED BY: WK  
DATE: 2/8/23  
SCALE: AS NOTED

| REVISIONS |             |      |
|-----------|-------------|------|
| REV. NO.  | DESCRIPTION | DATE |
|           |             |      |
|           |             |      |
|           |             |      |

DRAWING: DETAILS  
SET TYPE:  
G:\CSD\20\20-394\Plans\20-394 Plans.dwg, Details (4.5)

JOB NUMBER:  
20-394A  
SHEET NUMBER:  
48 of 49

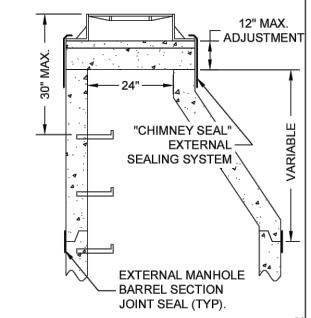


- NOTES:**
- MANHOLE FRAMES & LIDS SHALL BE PER THE TABLE BELOW.
  - FOR MANHOLES CONNECTED TO MAINS 18" DIAMETER OR LARGER, OR FOR MANHOLES LOCATED IN FLOOD PRONE AREAS, FRAMES & LIDS SHALL BE THE BOLT DOWN TYPE.
  - ALLOWABLE TYPES OF ADJUSTING RINGS INCLUDE PRECAST CONCRETE (4" HEIGHT MIN.), & EXPANDED POLYPROPYLENE (EPP). THESE CAN BE USED IN CONJUNCTION WITH EACH OTHER, EXCEPT THAT A PRECAST RING SHALL NOT BE PLACED OVER AN EPP RING.
  - FOR PRECAST ADJUSTING RINGS, ALL ADJUSTING RING JOINTS AS WELL AS THE FRAME TO ADJUSTING RING JOINT SHALL BE SEALED WITH TWO 1" BEADS OF PRE-FORMED RUBBER BUTYL JOINT SEALANT, INCLUDING FRAME TO CONCRETE JOINT. WHEN A FRAME REQUIRES PITCHING, A MIN. OF 3 SHIMS EQUALLY SPACED SHALL BE INSTALLED BETWEEN THE FRAME AND CONCRETE AND HYDRAULIC CEMENT SHALL BE USED TO FILL THE VOID BETWEEN THE FRAME & CONCRETE.
  - FOR EPP ADJUSTING RINGS, RINGS SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS. WHEN A FRAME REQUIRES PITCHING, THE TOP RING SHALL BE A TAPERED ADJUSTMENT RING PER MANUFACTURER'S INSTRUCTIONS.
  - NO TARRING OR GROUTING IS ALLOWED ON THE INSIDE OF MANHOLE OR ADJUSTMENT JOINTS.
  - MAXIMUM MANHOLE ADJUSTMENT IS 12". MINIMUM ADJUSTMENT IS 4" UNLESS OFF-ROAD OR IN CURB & GUTTER ROADWAY.
  - MANHOLE FRAMES SHALL BE SET 1/4" MIN. TO 3/8" MAX. BELOW PAVED SURFACES, AND AT FINAL GRADE IN TURF AREAS.

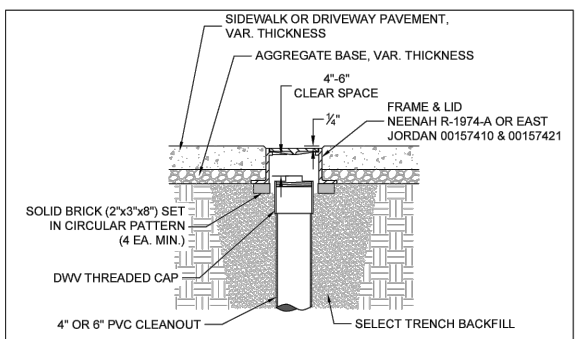
- WHEN ADJUSTING EXISTING MANHOLES, THE ENTIRE EXISTING ADJUSTMENT SHALL BE REMOVED AND REPLACED.
- THE COMBINATION OF NEW ADJUSTING RINGS SHALL BE SUCH THAT THE MINIMUM NUMBER OF RINGS POSSIBLE ARE USED.
- FLAT-TOPS ARE NOT PERMITTED ON 4" OR 6" DIA. MANHOLES.
- REPLACEMENT OF EXISTING BARREL SECTIONS MAY BE REQUIRED TO MEET THE ABOVE REQUIREMENTS.
- MANHOLE ADJUSTMENT INSERT RISER RINGS ARE NOT APPROVED FOR USE.

**APPROVED FRAME & LID TABLE**

| TYPE        | NEENAH FRAME | NEENAH LID  | EAST JORDAN FRAME | EAST JORDAN LID |
|-------------|--------------|-------------|-------------------|-----------------|
| REGULAR     | 1670-2004    | R-1670-0358 | 00111711          | 00111732        |
| LOW PROFILE | 1670-2008    | R-1670-0358 | ---               | ---             |
| BOLT DOWN   | 1915-2101    | R-1915-5016 | ---               | ---             |



**MANHOLE ADJUSTMENT DETAIL**  
(FOR ADJUSTMENT OF BOTH NEW & EXISTING MANHOLES)



- NOTES:**
- SERVICE CLEANOUT CASTINGS ARE REQUIRED FOR ALL CLEANOUTS LOCATED IN PAVED AREAS, DRIVEWAYS, OR SIDEWALKS.
  - THE LOCATION OF THE CLEANOUT SHALL BE APPROVED BY FOUR RIVERS SANITATION AUTHORITY (FRSA).
  - THE FRAME SHALL BE SET ON BRICKS THAT ARE PLACED IN A CIRCULAR PATTERN THE ENTIRE CIRCUMFERENCE OF THE FRAME. THE BRICKS SHALL BE SET ON COMPACTED TRENCH BACKFILL.
  - THE FRAME SHALL BE SET TO AN ELEVATION THAT PROVIDES 4"-6" CLEAR SPACE BETWEEN THE TOP OF THE CLEANOUT CAP AND THE BOTTOM OF THE CASTING LID.
  - THE CONTRACTOR SHALL ENSURE THAT THE CLEANOUT CAP CAN BE UNSCREWED AND REMOVED AND REPLACED WITHOUT HINDRANCE.
  - THE FRAME SHALL BE SET 1/4" MIN. TO 3/8" MAX. BELOW FINAL PAVEMENT ELEVATION.

**SERVICE CLEANOUT CASTING DETAIL**

| REVISIONS |             |      |
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| REV. NO.  | DESCRIPTION | DATE |
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