



**Request for Bid  
Market Street Streetscape – Phase 1  
City of Troy, IL**

**BID RESPONSES MUST BE RECEIVED BY: 11:00am local time on 05/16/2024.**

The City of Troy seeks a qualified contractor for a streetscape project. The Bid Packet may be obtained from our website at [www.troyil.us](http://www.troyil.us) (home page), or picked up at the Troy Municipal Building, 116 E. Market St, (Administration Office), Troy, IL. To bid the project, you must register as a plan-holder with the Assistant to the City Administrator Michele Colligan. Please contact Michele at 618-667-9924 ext.1 to register and/or for assistance in viewing, downloading, and working with this digital project information. All addenda will be posted on [www.troyil.us](http://www.troyil.us).

Please submit any questions regarding this bid in writing to the City Engineer, Tom Cissell via email to: [tom.cissell@oatesassociates.com](mailto:tom.cissell@oatesassociates.com).

**MAILING INSTRUCTION:** Print or type Bid Title and Due Date on the lower left hand corner of the envelope or package. Delivered **SEALED BIDS** must be received in the Administration Office prior to **11:00am on 05/16/2024**. Bids will be opened by the Purchasing Manager at the location listed below.

**RETURN BID TO:** City of Troy Public Works  
Attn: Tom Cissell  
116 E. Market St.  
Troy, IL 62294

By signing this cover page, the bidder shall hereby declare understanding, agreement and certification of compliance to provide the items and/or services, at the prices quoted, in accordance with all requirements and specifications contained herein and the Terms and Conditions. In addition, the bidder shall further agree that upon receipt of an authorized purchase order from the City of Troy or when a Contract Resolution is signed and issued by an authorized official of the City of Troy, a binding contract shall exist between the bidder and the City of Troy.

**SIGNATURE REQUIRED / RETURN WITH BID**

LEGAL NAME OF ENTITY/INDIVIDUAL FILED WITH IRS FOR THIS TAX ID NO.	DOING BUSINESS AS (DBA) NAME
MAILING ADDRESS	
CITY, STATE, ZIP CODE	
CONTACT PERSON	EMAIL ADDRESS
PHONE NUMBER	FAX NUMBER
TAXPAYER ID NUMBER (TIN)	TAXPAYER ID (TIN) TYPE (CHECK ONE) _____ FEIN      _____ SSN
VENDOR TAX FILING TYPE WITH IRS (CHECK ONE) ____ Individual/Sole Proprietor    ____ C Corporation    ____ S Corporation    ____ Partnership    ____ LLC, Class _____ Other _____	
AUTHORIZED SIGNATURE	DATE
PRINTED NAME	TITLE

The City of Troy reserves the right to accept or refuse any or all bids.

**CITY OF TROY, ILLINOIS**  
**GENERAL TERMS AND CONDITIONS OF BIDDING**

1. **Opening Location:** Sealed proposals will be received at City of Troy Municipal Building, 116 E. Market. St., Troy, IL 62294, until the proposal closing date and time indicated above.
2. **Opening of advertised proposals:** The vendor and public are invited, but not required, to attend the opening of proposals. No decision related to an award of a contract or purchase order will be made at the opening.
3. **Submittal of Proposals:** Proposals must be submitted in a sealed envelope identified with the bid title and date of closing on the outside. Facsimile, telephone and email proposals will NOT be considered. Proposals will not be accepted after the due date and time.
4. All proposals shall be submitted FOB Destination Troy, Illinois 62294, freight prepaid (unless otherwise stated).
5. **Prices Bid:** Give unit price, extended total or both if applicable. Price must be stated in units of quantity specified in the bidding specifications. In case of discrepancy in computing the amount of the Bid, the unit price of the Bid will govern. Each item must be bid separately, and no attempt is to be made to tie any item or items in with any other item or items.
6. **Taxes:** Do NOT include Federal Excise Tax or Sales and Use Tax in the bid prices, as the City is exempt from them by law. Tax Exemption Certificate will be furnished if required.
7. **Estimated Quantities:** The estimated quantities indicated in this Request for Proposal represent anticipated requirements only. The right is reserved to exceed or diminish these estimates.
8. **Bid Forms, Variances, and Alternates:** Bids must be submitted on attached City bid forms, although additional information may be attached. Bidders must indicate any variances from the City requested specifications and/or terms and conditions, on the Affidavit of Compliance. Otherwise, bidders must fully comply with the City requested specifications and terms and conditions. Alternate Bids may or may not be considered at the sole discretion of the City of Troy.
9. **“Or Equal” Interpretation:** When a particular manufacturer’s name or brand is specified along with the words “or equal”, Quotations will be considered on other brands or the product of other manufacturers. On all such Quotations the bidder shall indicate clearly the product (brand and model number) on which he is bidding, and shall supply a sample or sufficient data in detail to enable an intelligent comparison to be made with the particular brand or manufacturer specified. Catalog cuts and technical descriptive data shall be attached to the original copy of the quote where applicable. Failure to submit the above information may be sufficient grounds for the rejection of quote.
10. **Withdrawal of Bids:** Bids or proposals may be revised, modified, or withdrawn by the bidder at any time prior to opening. Any such revision, modification, or withdrawal shall be in writing. After the bids are opened, they shall be irrevocable for the period sixty (60) days. Bids or proposals may not be withdrawn or revised after opening unless specified in the RFP.
11. **Clarification and Addenda:** Each bidder shall examine all Bid documents and shall judge all matters relating to the adequacy and accuracy of such documents. Any inquiries or suggestions, concerning interpretation, clarification, or additional information pertaining to the Request for Proposal shall be made through the Administration Office in writing or through email. The Administration Office shall not be responsible for oral interpretations given by any City employee, representative, or others. The issuance of written addenda is the official method whereby interpretation, clarification, or additional information can be given. It shall be the responsibility of each bidder, prior to submitting their Bid, to contact the City Engineer’s Office at phone number 618-581-1036 or [tom.cissell@oatesassociates.com](mailto:tom.cissell@oatesassociates.com) to determine if addenda were issued and to make such addenda a part of their Bid. Any and all addendums will be posted on the City’s web site ([www.troyil.us](http://www.troyil.us)) under Current Bid Opportunities.

12. **Contract Forms:** Any agreement, contract, or purchase order resulting from the acceptance of a Bid shall be on forms either supplied by or approved by the City.
13. **Reserved Rights:** The City reserves the right to make such investigations as it deems necessary to make the determination of the bidder's responsiveness and responsibility. Such information may include, but shall not be limited to: current financial statement, verification of availability of equipment and personnel, and past performance records.
14. **The Right to Audit:** The bidder agrees to furnish supporting detail as may be required by the City to support charges or invoices, to make available for audit purposes all records covering charges pertinent to the purchase, and to make appropriate adjustments in the event discrepancies are found.
15. **Applicable Law:** All applicable laws and regulations of the State of Illinois and the City will apply to any resulting agreement, contract, or purchase order. Further, any and all disputes arising out of and/or related in any way to this RFB process or any contract executed after bid acceptance. and/or the work at issue which is the subject of this RPB, shall be filed exclusively in the Circuit Court for the Third Judicial Circuit, Madison County, Illinois.
16. **Right to Protest:** Protestors shall seek resolution of their complaints initially with the City Administration Office. Any protest must state the basis upon which the solicitation or award is contested and shall be submitted within ten (10) calendar days after such aggrieved person knew or could have reasonably been expected to know of the facts giving rise thereto.
17. **Quality Guaranty:** If any product delivered does not meet applicable specifications or if the product will not produce the effect that the bidder represents to the City, the bidder shall pick up the product from the City at no expense. Also, the Bidder shall refund to the City any money which has been paid for same. The bidder will be responsible for any and all costs and attorney fees in the event the bidder defaults and court action is required.
18. **Quality Terms:** The City reserves the right to reject any or all materials if, in its judgment, the item reflects unsatisfactory workmanship, manufacturing, or shipping damages.
19. **No-Bid:** In the event you are unable to quote on this requirement, please return the "No-bid Response Form", on or before the bid closing date. Please indicate the reason(s) you are unable to participate in this solicitation.
20. **Bid Tabulation:** Bidders may request a copy of the bid tabulation of the Request for Bid through the City's Administration Office.
21. **Expenses:** All expenses for making Proposals to the City of Troy are to be borne by the bidder.
22. **Collusion:** By offering a submission to this Request for Bid, the bidder certifies the bidder has not divulged, discussed, or compared the Bid with other bidders and has not colluded with any other bidder or parties to this RFB whatsoever. Also, the bidder certifies, and in the case of a joint Bid, each party thereto certifies as to their own organization, that in connection with this RFB:
  - a. Any prices and/or cost data submitted have been arrived at independently, without consultation, communication, or agreement for the purpose of restricting competition, as to any matter relating to such prices and/or cost data, with any other bidder or with any competitor.
  - b. Any prices and/or cost data for this Bid have not knowingly been disclosed by the bidder and will not knowingly be disclosed by the bidder prior to the scheduled opening directly or indirectly to any other bidder or to any competitor.
  - c. No attempt has been made or will be made by the bidder to induce any other person or firm to submit or not to submit a Bid for the purpose of restricting competition.
  - d. The only person or persons interested in this Bid, principal or principals are named therein and that no person other than therein mentioned has any interest in this Bid or in the contract to be entered into.

- e. *No person or agency has been employed or retained to solicit or secure the contract upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee exempting bona fide employees or established commercial agencies maintained by the Purchaser for the purpose of doing business.*

**23. Liability and Indemnity:**

- a. *In no event shall the City be liable to the Contractor for special, indirect, or consequential damages, except those caused by the City's gross negligence or willful or wanton misconduct arising out of or in any way connected with The RFB process or any contract executed after bid acceptance. The maximum liability of the City shall be limited to the amount of money to be paid or received by the City under any contract executed after bid acceptance.*
- b. *The Contractor shall defend, indemnify and save harmless the City, its elected or appointed officials, agents and employees from and against any and all liability, suits, damages, costs (including attorney fees), losses, outlays and expenses from claims in any manner caused by, or allegedly caused by, or arising out of, or connected with the RFP process or any contract executed after bid acceptance, including, but not limited to, claims for personal injuries, death, property damage, or for damages from the award of this contract to Contractor.*
- c. *The Contractor shall indemnify and hold the City harmless from all wages or overtime compensation due any employees in rendering services pursuant to any contract executed after bid acceptance, including payment of reasonable attorneys' fees and costs in the defense of any claim made under the Fair Labor Standards Act, the Illinois Prevailing Wage Law or any other federal or state law.*

**24. Bid Information is Public:** *All documents submitted with any bid or proposal shall become public documents and subject to Illinois State Statute 5 ILCS140/, which is otherwise known as the "Illinois Sunshine Law". By submitting any document to the City of Troy in connection with a bid or proposal, the submitting party recognizes this and waives any claim against the City of Troy and any of its officers and employees relating to the release of any document or information submitted. Each submitting party shall hold the City of Troy and its officers and employees harmless from any claims arising from the release of any document or information made available to the City of Troy arising from any bid opportunity.*

**25. Authorized Product Representation:** *The successful bidder(s) by virtue of submitting the name and specifications of a manufacturer's product will be required to furnish the named manufacturer's product. By virtue of submission of the stated documents, it will be presumed by the City that the bidder(s) is legally authorized to submit and the successful bidder(s) will be legally bound to perform according to the documents.*

**26. Regulations:** *It shall be the responsibility of each bidder to assure compliance with OSHA, EPA, Federal, State of Illinois, and City rules, regulations, or other requirements, as each may apply.*

**27. Awards:**

- a. *Unless otherwise stated in the Request for Proposal, cash discounts for prompt payment of invoices will not be considered in the evaluation of prices. However, such discounts are encouraged to motivate prompt payment.*
- b. *As the best interest of the City may require, the right is reserved to make awards by item, group of items, all or none, or a combination thereof; to reject any and all Bids or waive any minor irregularity or technicality in Bids received.*
- c. *Awards will be made to the Bidder whose Bid (1) meets the specifications and all other requirements of the Request for Proposal and (2) is the lowest and best Bid, considering price, delivery, responsibility of the bidder, and all other relevant factors.*

28. **Termination of Award:** Any failure of the bidder to satisfy the requirements of the City shall be reason for termination of the award. Any Bid may be rejected in whole or in part for good cause when in the best interest of the City.
29. **Budgetary Constraints:** The City reserves the right to reduce or increase the quantity, retract any item from the Bid, or upon notification, terminate entire agreement without any obligations or penalty based upon availability of funds.
30. **Insurance:** The city shall require all contractors performing public works projects or performing work on city property in connection with a contract or purchase order, to maintain insurance of the types and with limits of liability not less than those set out below at the contractor's expense during the term (including the warranty period) of the purchase order from insurers reasonably acceptable to the city covering items, risks and operations required to fulfill the contract or purchase order.
- a. Such policies shall name the City of Troy and Oates Associates as an additional named insured with limits of liability.
    - i. **Workers' compensation:** Insurance that the contractor is obliged by law to carry that covers all of contractor's employees performing work under this purchase order ("worker compensation").
    - ii. **Employer's liability insurance:** Employer's liability insurance with a minimum limit of \$1,000,000 per occurrence/\$2,000,000 aggregate. Such insurance shall protect the city as an alternate employer against claims asserted against the contractor by the contractor's workers as "borrowed servants," statutory employees or maritime employees ("employer' liability").
    - iii. **Commercial or comprehensive general liability insurance:** Commercial or comprehensive general liability insurance, including contractual liability coverage, with a minimum limit of \$2,000,000 per occurrence/\$5,000,000 aggregate.
    - iv. **Automobile liability insurance:** Automobile liability insurance with a combined bodily injury and property damage minimum limit of \$1,000,000 per occurrence/\$2,000,000 aggregate, for all owned and leased vehicles.
  - b. Builders Risk Insurance for contracts involving unoccupied structures. The Contractor shall secure All Risk Builder's Risk Insurance. Unless specifically authorized by the City, the amount of such insurance shall not be less than the total contract price. The policy shall name as insured the Contractor and the City of Troy.
  - c. Subcontracts: in case any or all of this work is sublet, the contractor shall require the subcontractor to procure and maintain all insurance required in subparagraphs (a) and (b) hereof and in like amounts. The contractor shall require any and all subcontractors with whom it enters a contract to perform work on this project to protect the City of Troy through insurance against applicable hazards or risks and shall, upon request from the City, provide evidence of such insurance.
31. **Requirement for Bid Security:** Bid Security shall be required for all formal Bids, requiring City Council approval, as set forth in the City of Troy's Purchasing Policy, for the purchase of Capital Improvement items, and City projects entailing engineering or construction. Bid security shall be a bond provided by a surety company authorized to do business in the State of Illinois, or the equivalent in cash, cashier's check or otherwise supplied in a form satisfactory to the City of Troy in an amount equal to 10% of the total amount of the bid. Failure to provide security, as set forth shall result in the City's rejection of bid.
32. **Withdrawal of Bids:** After the bids are opened, they shall be irrevocable for the period of up to sixty (60) days from bid opening date. If a bidder is permitted to withdraw its bid before the opening of bids, no action shall be taken against the bidder or the bid security.
33. **Correction or Withdrawal of Bids:** Correction or withdrawal of inadvertently erroneous bids after bid opening, or cancellations of awards or contracts based on such bid mistakes shall not be permitted and shall mandate forfeiture of Bid Performance Security to the City of Troy.

34. **Return of Bid Security:** *The City shall return the security bond to bidders who do not receive the bid. The City shall hold the security bid bond of the awarded bidder until Capital Improvement Project is delivered to the City of Troy or a 100% percent performance bond is issued to the City for awarded contractual services or project construction.*
35. **CONTRACT PERFORMANCE AND BOND PAYMENT:** *When a bid is awarded for contractual services or construction, a bond shall be delivered to the City of Troy and shall become binding on the parties upon the execution of the contract; such bond shall be a performance labor and materials bond satisfactory to the City of Troy, executed by a surety company authorized to do business in the State of Illinois or otherwise secured in a manner satisfactory to the City of Troy, in the amount equal to one hundred percent (100%) of the price specified in the contract. The requirement may be modified upon recommendation of the City Administration, City Council and approved by the City Attorney.*
36. **CONTRACT TERM:** *The term of this contract shall be for the duration and completion of this project.*
37. **COMPLETION TIME:** *The Contractor will be required to commence work under this contract within **Ten (10)** calendar days after the date of receipt by him of the Notice to proceed, to prosecute said work diligently and to complete the work by 12/20/2024. The Contractor is required to provide a sufficient work force and construction management so that no time extension will be granted for delay of contract award, weather conditions, utility conflicts, excavation encountering rock, changing excavation quantities, or Contractor scheduling of equipment or construction progress. The Contractor shall have a superintendent or a responsible foreman on the project at all times when construction is in progress. Any claim for extension of time shall be made in accordance with the City of Troy General Conditions and Technical Specifications.*
38. *The project is not considered completed until final acceptance by the City of Troy.*

# City of Troy, IL

## Bid Form

### Market Street Streetscape - Phase 1

SUBMITTED BY: \_\_\_\_\_

(Company Name)

The pricing information is hereby provided in accordance with the Terms and Conditions of this **Request for Bid**.

Base Bid	Description	Estimated Quantity	Lump Sum Cost
G1	SEEDING CLASS 1A	578 SQ FT	
G2	INLET AND PIPE PROTECTION	2 EACH	
G3	SUBBASE GRANULAR MATERIAL, TYPE B 4"	1,161 SQ YD	
G4	SUBBASE GRANULAR MATERIAL, TYPE B 12"	86 SQ YD	
G5	BITUMINOUS MATERIAL (TACK COAT)	291 POUND	
G6	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	9 TON	
G7	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	76 TON	
G8	PORTLAND CEMENT CONCRETE PAVEMENT, 10"	8 SQ YD	
G9	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8"	114 SQ YD	
G10	PORTLAND CEMENT CONCRETE SIDEWALK 4"	7,914 SQ FT	
G11	DETECTABLE WARNINGS	229 SQ FT	
G12	PAVEMENT REMOVAL	518 SQ YD	
G13	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	649 SQ YD	
G14	DRIVEWAY PAVEMENT REMOVAL	127 SQ YD	
G15	CURB REMOVAL	716 FOOT	
G16	COMBINATION CURB AND GUTTER REMOVAL	242 FOOT	
G17	SIDEWALK REMOVAL	7,406 SQ FT	
G18	CONCRETE COLLAR	0.3 CU YD	
G19	STORM SEWERS, CLASS A, TYPE 2, 12"	16 FOOT	
G20	INLETS, TYPE B	1 EACH	
G21	FRAMES AND GRATES TO BE ADJUSTED	2 EACH	
G22	CONCRETE CURB, TYPE B	80 FOOT	
G23	COMBINATION CURB AND GUTTER, TYPE B-6.12	74 FOOT	
G24	COMBINATION CURB AND GUTTER, TYPE B-6.18	995 FOOT	
G25	MOBILIZATION	1 LSUM	
G26	SIGN PANEL – TYPE 1	41.2 SQ FT	
G27	REMOVE SIGN PANEL ASSEMBLY – TYPE 1	6 EACH	
G28	RELOCATE SIGN PANEL ASSEMBLY – TYPE A	2 EACH	
G29	TELESCOPING STEEL SIGN SUPPORT	13 FOOT	
G30	THERMOPLASTIC PAVEMENT MARKING – LETTERS & SYMBOLS	6.2 FOOT	
G31	THERMOPLASTIC PAVEMENT MARKING – LINE 4"	1,029 FOOT	
G32	THERMOPLASTIC PAVEMENT MARKING – LINE 12"	76 FOOT	
G33	THERMOPLASTIC PAVEMENT MARKING – LINE 24"	152 FOOT	
G34	PAVEMENT MARKING REMOVAL – WATER BLASTING	13 FOOT	

G35	TREE, GINKO BILOBA (GINKO), 2" CALIPER, BALLED AND BURLAPPED	5 EACH	
G36	TREE, GLEDITSIA TRIACANTHOS INERMIS (THORNLESS COMMON HONEYLOCUST), 2" CALIPER, BALLED AND BURLAPPED	5 EACH	
G37	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL	2,536 SQ FT	
G38	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	1 LSUM	
G39	PAINT CURB	195 FOOT	
G40	TREE FRAME AND GRATES	10 EACH	
G41	METAL POST, SPECIAL	8 EACH	
G42	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 10", STAMPED AND COLORED	25 SQ YD	
G43	BENCHES	1 EACH	
<b>ELECTRICAL QUANTITIES</b>			
G44	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA	1,341 FOOT	
G45	UNDERGROUND CONDUIT, PVC, 2" DIA	1,845 FOOT	
G46	UNDERGROUND CONDUIT, PVC, 4" DIA	609 FOOT	
G47	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	5,186 FOOT	
G48	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	1,991 FOOT	
G49	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	2,007 FOOT	
G50	ORNAMENTAL LIGHT UNIT COMPLETE	7 EACH	
G51	LIGHT POLE FOUNDATION, 30" DIAMETER, SPECIAL	56 FOOT	
G52	ELECTRIC SERVICE MODIFICATION SPECIAL	1 EACH	
G53	HANDHOLE SPECIAL 1	2 EACH	
G54	HANDHOLE SPECIAL 2	1 EACH	
G55	DIRECTIONAL BORE 1.5" C, SPECIAL	260 FOOT	
G56	DIRECTIONAL BORE 2" C, SPECIAL	1,175 FOOT	
G57	DIRECTIONAL BORE 4" C, SPECIAL	907 FOOT	
G58	CONDUIT CAP 1.5" C, SPECIAL	4 EACH	
G59	CONDUIT CAP 2" C, SPECIAL	15 EACH	
G60	CONDUIT CAP 4" C, SPECIAL	5 EACH	
G61	AMEREN SERVICE MODIFICATION, SPECIAL	1 EACH	
G62	ATT PULL BOX, SPECIAL	1 EACH	
G63	AMEREN SERVICE CONVERSION, SPECIAL	1 EACH	
G64	AMEREN PULL BOX, SPECIAL	1 EACH	
		<b>BASE BID TOTAL</b>	<b>\$</b>

\*Note: These quantities represent the Designer's estimation for the **Major work items** involved and most small/incidental work items are not included for brevity.

Quantity takeoff and the unit cost spreadsheet are provided for information only. This is a lump sum bid and will be paid as such. Unit costs and pay items are requested in order to establish a schedule of values to establish a basis for payment.

<b>Onsite Visit Made by: NOT REQUIRED</b>	<b>Date</b>	
<b>Upon notice to proceed, contractor will complete the project in (calendar days)</b>		
<b>Bid Security enclosed: (10% of total bid)</b>		

The quantities reported above and on the previous page shall be verified by the contractor before bidding. The City provides no warranty to their accuracy so the bidder shall consider them for information only when preparing the bid. Work is lump sum based on the work shown on the plans and described in the special provisions.

The City of Troy reserves the right to accept or refuse any or all bids.

**RETURN WITH BID**

**VENDOR REFERENCES:**

The proposal must include the following information:

1. List at least three (3) references for whom you have performed similar products/services for other public entities, local governments, or private companies.

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Telephone #: (\_\_\_\_\_) \_\_\_\_\_

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Telephone #: (\_\_\_\_\_) \_\_\_\_\_

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Telephone #: (\_\_\_\_\_) \_\_\_\_\_

2. State how long you have been operating under your present company name?

\_\_\_\_\_

3. Have you ever defaulted on a contract? \_\_\_\_\_

4. If so, where and why? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**RETURN WITH BID**



**City of Troy**  
**“No-Bid Response Form”**  
**Market Street Streetscape - Phase 1**

**COMPLETE AND RETURN THIS FORM ONLY IF YOU DO NOT WANT TO SUBMIT A PROPOSAL RESPONSE.**

If you do not wish to respond to this proposal request, but would like to remain on the City of Troy vendor list, please fill out this form and return to the City Engineer by email.

**RETURN TO:** Tom Cissell, City Engineer  
Email: [tom.cissell@oatesassociates.com](mailto:tom.cissell@oatesassociates.com)

We the undersigned have declined to bid on your proposal for the following reasons:

- Insufficient time to respond to invitation for bid.
- We do not offer this product/s or equivalent.
- Unable to meet specifications.
- Unable to meet insurance requirements.
- Our schedule would not allow us to perform.
- Specifications are too “tight”, i.e. geared towards one brand or manufacturer.
- Specifications unclear.
- Other (please specify below).

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**VENDOR INFORMATION:**

Company Name: \_\_\_\_\_  
Signature and Title: \_\_\_\_\_  
Phone #: \_\_\_\_\_  
Email: \_\_\_\_\_

**RETURN WITH BID**

## SPECIAL PROVISIONS

### MARKET STREET STREETScape – PHASE 1 TROY, ILLINOIS

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## **SPECIAL PROVISIONS**

### **MARKET STREET STREETScape – PHASE 1 TROY, ILLINOIS**

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction", Adopted January 1, 2022, the latest edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways" and the "Manual of Test Procedures of Materials" in effect on the date of the invitation for bids, and the Supplemental Specifications and Recurring Special Provisions indicated on the Check Sheet included herein which apply to and govern the construction of Market Street Streetscape – Phase 1, Troy, Illinois, and in case of conflict with any part, or parts, of said Specifications, the said Special Provisions shall take precedence and shall govern.

#### **DESCRIPTION OF WORK**

The proposed reconstruction project is located on N. Main Street from E. Market Street to 163.12 feet north of the intersection and on E. Market Street from N. Main Street to Hickory Street in Troy, Illinois. The project length is 579 feet (0.110 miles).

The work on this project consists of removals, earthwork, aggregate base, HMA binder and surface courses, sidewalk, curb and gutter, driveway pavement, stamped concrete crosswalks, storm sewer and drainage structures, trees thermoplastic pavement markings, paint curb, seeding and all incidental and collateral work necessary to complete the work in the above-described Section according to the plans, specifications and special provisions.

#### **SHOP DRAWINGS**

The Contractor shall submit shop drawings of the following items according to Articles 1042.03(b) and 105.04 of the "Standard Specifications for Road and Bridge Construction":

- Detectable warnings
- Portland Cement Concrete Sidewalk 4 Inch, Special
- Inlets, Type B
- Tree Frame and Grates
- Metal Post, Special
- Sign Panel – Type 1
- High Early Strength Portland Cement Concrete Pavement 10", Stamped & Colored
- Metal Bench

Submit shop drawings for review and approval to:

Mr. Tom Cissell, City Engineer  
City of Troy  
116 East Market Street  
Troy, Illinois 62294

A maximum of two reviews by the Engineer will be provided for each shop drawing submittal. If any additional reviews are required, the Contractor shall pay the Engineer for all costs incurred at an hourly rate of \$150. Payment for additional reviews shall be made directly to the City.

### **IDOT ACCESS PERMIT**

The attached Individual Highway Permit Bond form shall be properly executed by the Contractor according to the instructions. Three copies of the individual Highway Permit Bond in the amount of \$50,000.00 to guarantee proper installation and maintenance of the construction shall be executed by the contractor with a reliable surety company licensed by the State of Illinois on the date the bond is executed. Both the permit application and the three copies of the bond shall be returned to IDOT by the Contractor for final approval before an IDOT Highway Permit is issued. Once the approved copy of the permit is received, the Contractor shall notify IDOT as required in the permit prior to beginning work.

### **CONSTRUCTION STAKING**

This work shall consist of construction staking according to Article 105.09 of the "Standard Specifications for Road and Bridge Construction", except as modified herein.

The Contractor shall provide labor, equipment and material to set all additional stakes for this project, which are needed to establish offset stakes, reference points, and all other horizontal or vertical controls, including supplementary bench marks, necessary to secure a correct layout for the roadway portion of the work.

The Contractor shall be responsible for having the finished work conform to the lines, grades, elevations and dimensions called for on the plans. Inspection or checking of the Contractor's layout by the Engineer and the acceptance of all or any part of it shall not relieve the Contractor of his/her responsibility to secure the proper dimensions, grades and elevations of the several parts of the work. The Contractor shall exercise care in the preservation of stakes and benchmarks and shall have them reset at his/her expense when any are disturbed.

### **Responsibility of the Contractor**

- The Contractor shall establish from the given survey points and bench marks, all additional control points necessary to construct the individual project elements. It is the Contractor's responsibility to tie in centerline control points in order to preserve them during construction operations.
- The Contractor shall provide all additional staking required to assure completion of the work in substantial conformance with the plans.
- The Contractor shall be responsible for re-establishing all stakes removed or disturbed by construction operations.
- All work shall be according to normally accepted surveying practices. Field notes shall be kept in standard survey field notebooks and those books shall become the

property of the Local Agency at the completion of the project. All notes shall be neat, orderly, and in accepted form.

This work will not be measured separately for payment. The cost incurred by the Contractor in complying with this requirement shall be considered as included in the contract unit prices bid for the various items of work.

### **SAFETY AND HEALTH**

The Contractor shall be responsible for enforcing all O.S.H.A. Safety and Health Standards pertaining to the construction industry as established by the United States Department of Labor, Occupational Safety and Health Administration. Such standards include, but are not limited to, 29 CFR 1910 and 1926.

### **SAFETY AND PROTECTION**

- A. CONTRACTOR shall be responsible for initiating, maintaining and supervising all safety and precautions and programs in connection with the Work. CONTRACTOR shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury or loss to:
1. All employees on the work and other persons and organizations who may be affected thereby;
  2. All the Work and materials and equipment to be incorporated therein, whether in storage on or off the site; and
  3. Other property at the site adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures, utilities and underground facilities not designated for removal, relocation or replacement in the course of construction.

CONTRACTOR shall comply with all applicable laws and regulations of any public body having jurisdiction for the safety of persons and property or to protect them from damage, injury or loss; and shall erect and maintain all necessary safeguards for such safety and protection. CONTRACTOR shall notify owners of adjacent property and of underground facilities and utility owners when prosecution of the Work may affect them and shall cooperate with them in the protection, removal, relocation and replacement of their property. All damage, injury or loss to any property referred to in paragraph 2. or 3. caused, directly or indirectly, in whole or in part, by CONTRACTOR, any Subcontractor, Supplier or any other person or organization directly or indirectly employed by any of them to perform or furnish any of the Work or anyone for whose acts either of them may be liable, shall be remedied by CONTRACTOR (except damage or loss attributable to the fault of Drawings or Specifications or to the acts or omissions of OWNER or ENGINEER or anyone employed by either of them or anyone for acts either of them may be liable, and not attributable, directly or indirectly, in whole or in part, to the fault or negligence of CONTRACTOR). CONTRACTOR's duties and responsibilities for the safety and

protection of the Work shall continue until all the Work is completed and ENGINEER has issued a notice to OWNER and CONTRACTOR that the Work is acceptable.

- B. CONTRACTOR shall designate a responsible representative at the site whose duty shall be the prevention of accidents. This person shall be CONTRACTOR's superintendent, unless otherwise designated in writing by CONTRACTOR to OWNER.
- C. In EMERGENCIES affecting the safety or protection of persons or the Work or property at the site or adjacent thereto, CONTRACTOR, without special instructions or authorization from ENGINEER or OWNER, is obligated to act to prevent threatened damage, injury or loss. CONTRACTOR shall give ENGINEER prompt, written notice if CONTRACTOR believes that any significant changes in the Work or variations from the Contract Documents have been caused thereby. If ENGINEER determines that a change in the Contract Documents is required because of the action taken in response to an emergency, a Work Directive Change or Change Order will be issued to document the consequences of the changes or variations.

### **NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT**

An independent IEPA National Pollution Discharge Elimination System (NPDES) storm water permit is not required for this project; however, work shall conform to the City of Troy's existing General Storm Water Permit for Small Municipal Separate Storm Sewer Systems (MS4). Erosion control items shall be constructed according to the Erosion Control, Pavement Marking, and Signing Sheets, the Standard Specifications for Road and Bridge Construction, and the Illinois Urban Manual.

The Erosion Control, Pavement Marking, and Signing Sheets must be kept on site during working hours. Compliance with this special provision shall be considered as included in the various items of work involved.

### **CONSTRUCTION CONTRACTS**

The successful bidder, as a condition of this contract, must submit evidence that he has conducted a pre-job conference with his Subcontractors and their employees, or the employees' duly recognized representatives and union officials, to determine employee jurisdiction, job assignment and work schedules. This requirement is to promote industrial harmony and to eliminate work stoppages and jurisdictional disputes. The pre-job conference shall be conducted at least 14 calendar days prior to the commencement of any construction.

### **MEASUREMENT AND PAYMENT**

Delete all Articles regarding "Method of Measurement" and "Basis of Payment" in the "Standard Specifications for Road and Bridge Construction".

This is a Lump Sum Project. Partial Payment for completed work will be made based on percent completion from an approved schedule of values as shown on the attached

example at the end of this Manual. Unit costs will only be applied for those items listed as "Approximate Quantities."

## **GENERAL PREVAILING WAGE RATES**

According to "An Act regulating wages of laborers, mechanics and other workmen employed in any public works by the State, County, City or any public body or any political subdivision, or by any one under contract for public works," approved November 8, 1961, the Department of Labor has ascertained the general prevailing rate of per diem wages for the following labor classifications.

<u>Labor Position</u>	<u>Rate per hour on which per diem rates are to be used</u>
see attachments	

The general prevailing wage rates for Labor classifications other than those specified above, and the general prevailing rate for legal holiday and overtime work are on file in the office of the Department of Labor at Springfield, Illinois, and the main office of the Madison County Highway Department. Not less than these prevailing wage rates shall be paid for work performed under this contract.

Should a prevailing rate as listed herein violate a Federal Law, order, or ruling, the rate conforming to the Federal Law, order or ruling shall govern. No change in compensation will be made to the Contractor as a result of his paying rates other than those specified herein.

The aforementioned Act of November 8, 1961, provides that any Contractor or Subcontractor who shall neglect to keep, or cause to be kept, an accurate record of names, occupations and actual wages paid to each laborer, workman and mechanic employed by him in connection with the contract, or who shall refuse to allow access to the record at any reasonable hour to any representative of the City, County, or to the Director of Labor and his deputies and agents, shall be guilty of misdemeanor and shall be punished by a fine not exceeding \$500.00 or by imprisonment not exceeding 6 months, or by both fine and imprisonment, in the discretion of the court.

No extra compensation will be allowed to the Contractor for any delays caused by any hearing on any objection to the prevailing wage rates hereinafter specified, as provided in the aforementioned Act of November 8, 1961, or by appeal to the Circuit or Superior Court or to the Supreme Court of any decision of the Department of Labor or the County, resulting from the hearings, nor for any delay caused by compliance with the other provisions of the Act.

Prospective bidders should familiarize themselves with all of the provisions of the Act and, in addition, should make an investigation of the existing labor conditions, and any negotiated labor agreements, which may exist or are contemplated at this time. Nothing in the Act shall be construed to prohibit the payment of more than the prevailing wage scale shown above. The bidder should take all of these facts into consideration in the preparation of his proposal.

## **COORDINATION OF CONTRACTS**

**The Contractor shall coordinate with the City of Troy prior to the beginning of work and not start until all necessary water improvements within the project area have been completed. The water project is a local project anticipated to be complete by June 14, 2024. Any delay in start date caused by the water project will not be counted against the contract working days.**

**All existing sidewalks disturbed by the water project will be repaired with aggregate material.**

## **SEQUENCE OF CONSTRUCTION OPERATIONS**

The Contractor shall conduct his work within the approved Sequence of Construction Operations at all times. The work shall be done in a manner that will minimize the inconvenience to local traffic.

The Contractor shall conduct his operations to insure local access to all properties throughout the project limits according to Article 107.09 and Section 701 and 703 of the "Standard Specifications for Road and Bridge Construction". If required, Type I, Type II or vertical barricades shall be used to channel traffic from the following locations to the adjoining side streets or private entrances. The number required will be determined by the Engineer during construction.

The Contractor will not be permitted to close both entrances to the "restaurant" parking lot at the same time during Stage 1 construction operations.

The Contractor will be permitted to close the entrance to the City Hall parking lot from E. Market Street during Stage 1 construction operations.

The Contractor will be permitted to close S Kimberlin Street entirely during Stage 2 construction operations.

All road closures must be approved in advance by the City of Troy Department of Public Works. The Contractor shall notify the City of Troy Fire and Police Departments at least 48 hours prior to enacting any road closures.

## **SUGGESTED SEQUENCE**

During construction, the Contractor will be required to maintain access to all properties affected by this work. AGGREGATE FOR TEMPORARY ACCESS according to Section 402 of the "Standard Specifications for Road and Bridge Construction" will be used for this purpose.

The Contractor will not be allowed to begin subsequent construction operations until the preceding work is substantially complete. The construction sequence shall be compressed as much as possible to minimize the inconvenience to local traffic.

Unless authorized by the Engineer, the Contractor shall complete the construction in the following suggested sequence:

**STAGE 1:**

Complete removals of existing pavement, curb, and sidewalk on N. Main Street from Station 107+82 to Station 109+11 and on the north side of E. Market Street from Station 586+52 to Station 590+98. Construct proposed utility conduit in this area after removals are completed. Construct earthwork, subbase, concrete curb and gutter, sidewalks, frame and grate adjust, inlet construction, HMA binder course, HMA surface course, tree frame and grate, pavement marking, signs, and decorative roadway fixtures. The Contractor shall maintain vehicle traffic at all times. Appropriate signage will be required.

**STAGE 2:**

Complete surface removal, curb and sidewalk removals on the south side of E. Market Street from Station 586+00 to Station 591+86. Construct proposed utility conduit in this area after removals are complete. Construct subbase, concrete curb and gutter, sidewalks, tree frame and grates, HMA surface course, pavement marking, signs and decorative roadway fixtures. The Contractor shall maintain vehicle traffic at all times. Appropriate signage will be required.

The Contractor may submit an alternate sequence of operations and traffic control plan that would expedite construction and still maintain traffic control. Any and all changes to these plans must be submitted in writing and approved in advance by the Engineer. No additional compensation will be allowed if alternate plans are approved.

**TRAFFIC CONTROL PLAN**

Traffic control shall be according to the applicable Sections of the "Standard Specifications for Road and Bridge Construction", the applicable guidelines contained in the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways", these special provisions, and all special details and Highway Standards contained herein and on the plans.

At the preconstruction meeting, the Contractor shall furnish the name of the individual in his/her direct employ who is responsible for the installation and maintenance of the traffic control for this project. If the actual installation and maintenance are to be accomplished by the Subcontractor, consent shall be requested of the Engineer at the time of the preconstruction meeting according to Article 108.01 of the "Standard Specifications for Road and Bridge Construction". This shall not relieve the Contractor of the foregoing requirement for a responsible individual in his direct employ. The City of Troy will provide the Contractor the name of its representative who will be responsible for the observation of the Traffic Control Plan.

The Contractor shall furnish, erect, maintain and remove all warning signs, flags, barricades and lights according to Article 107.14 and Sections 701 and 703 of the "Standard Specifications for Road and Bridge Construction", the latest edition of the "Manual of Uniform Traffic Control Devices for Construction and Maintenance Operations", the Special Provisions, and/or as directed by the Engineer.

Articles 107.09 and 107.14 and Sections 701 and 703 of the "Standard Specifications for Road and Bridge Construction" and the following Highway Standards relating to traffic control apply to this contract:

701001      701006      701501      701801      701901  
BLR17

N. Main Street and E. Market Street shall be kept open to traffic at all times. Short-term, daytime lane closures will be allowed on E. Market Street when workers are present in the parking lanes according to Highway Standard 701501.

S. Kimberlin Street may be closed to thru traffic according to Highway Standard BLR 17.

In addition, the following special provision(s) will also govern traffic control for this project:

SEQUENCE OF CONSTRUCTION OPERATIONS  
TRAFFIC CONTROL AND PROTECTION, (SPECIAL)  
CONTRACTOR ACCESS

## **PUBLIC NOTICE**

Each Wednesday, the Contractor shall furnish his schedule for the next week's work and shall post signs at least 24 hours in advance of his work on each street requiring a lane closure. Handbill notices approved by the Engineer shall be delivered to each residence located within the work zone, at least 24 hours prior to commencing work. Notices shall explain the proposed work and request the resident's forbearance of the inconvenience. All complaints should be directed to the Contractor. Residents may contact the City if their concerns are not resolved satisfactorily by the Contractor.

This work will not be paid for separately, and the cost shall be considered as included in the contract lump sum price bid for the various items of work involved.

## **SEEDING, CLASS 1A**

This work shall consist of preparing the seed bed, and furnishing, transporting and placing the seed, fertilizer and mulch required to restore all disturbed earth surfaces according to Sections 250 and 251 of the "Standard Specifications for Road and Bridge Construction".

The Contractor shall guarantee a minimum of 90 percent uniform growth over the entire seeded areas(s). Areas sustaining less than 90 percent uniform growth shall be interseeded or reseeded, as determined by the Engineer, at no additional cost.

Delete the method of measurement shown in Article 250.10 of the "Standard Specifications for Road and Bridge Construction".

This work will be paid for at the contract lump sum price per sq ft for SEEDING of the Class specified, which price shall include the fertilizer and mulch.

## **EARTH EXCAVATION**

This work shall be constructed according to Section 202 of the "Standard Specifications for Road and Bridge Construction," except as modified herein:

At locations where existing bituminous treated surface lies at or below the elevation of the proposed subgrade, the Contractor shall scarify the existing surface, reducing all particles to a size not larger than 4 in. in the largest dimension and recompact the existing surface prior to placing earth embankment or other subbase material.

This work will not be paid for separately, but shall be included in the reported prices for the various removal items for which earth excavation is required in this lump sum contract.

## **PORTLAND CEMENT CONCRETE PAVEMENT, THICKNESS SPECIFIED**

This work shall consist of constructing a Portland cement concrete pavement according to Section 420 of the "Standard Specifications for Road and Bridge Construction," except as modified herein.

All references to Sections or Articles in this specification shall be understood to mean a specified Section or Article of the "Standard Specifications for Road and Bridge Construction".

Article 420.03(b). A formless paver will not be required.

Article 420.03(c). A mechanical concrete spreader will not be required.

Article 420.03(d). A finishing machine will not be required.

Article 420.03(e). A mechanical longitudinal float will not be required.

Article 420.03(f). A concrete finisher float will not be required.

Article 420.03(h). Power driven finishing machines, including vibratory screeds and truss-type vibratory screeds, which are specifically designed for finishing concrete pavement and meet the approval of the Engineer, will be allowed.

Hand held fogging equipment capable of spraying a uniform application of membrane curing compound and maintaining constant pressure meeting the approval of the Engineer, will be allowed.

Article 420.09(a) (1).Revise this Article as follows:

After the concrete has been struck off, it shall be given the required consolidation by the vibratory method or by other means which will obtain a uniform and satisfactory density throughout the pavement. If the vibratory method is used, the vibrating impulses shall be applied directly to the concrete through an apparatus especially designed for this purpose in a manner that the vibratory impulses are

transmitted through the concrete mass with sufficient intensity to consolidate it throughout its entire depth and width. Not more than one pass of the vibratory equipment shall be made through the pavement.

Article 420.09(a) (3). Revise the first sentence of this Article to read as follows:

Vibrating screed. An approved vibrating screed may be used to strike off, consolidate and finish pavement.

Article 420.09(b). Longitudinal Float Hand Method will be permitted if approved by the Engineer.

Article 420.09(e). Type B final finish shall be used throughout the project unless directed otherwise by the Engineer.

Article 420.20. Revise the first paragraph of this Article to read as follows:

Basis of Payment. This work will be paid for at the contract lump sum price per square yard for PORTLAND CEMENT CONCRETE PAVEMENT, of the thickness specified.

## **TIE BARS & REINFORCEMENT BARS**

This work shall consist of furnishing and placing tie bars and reinforcement bars in concrete pavement and concrete curb and gutter according to Sections 420 and 606 of the "Standard Specifications for Road and Bridge Construction", except as modified herein:

All tie bars and reinforcement bars used in Portland cement concrete pavement and concrete curb and gutter shall be epoxy coated.

This work will not be paid for separately, but shall be included in the contract lump sum price of the various concrete pavement and concrete curb and gutter items for which the tie bars and reinforcement bars are required.

## **EXPANSION JOINTS**

This work shall consist of constructing expansion joints in concrete driveway pavement and sidewalk according to Articles 423.07 and 424.07 of the "Standard Specifications for Road and Bridge Construction" and Highway Standard 424001 except as modified herein:

Expansion joints required under Article 423.07 and 424.07(b) shall be preformed fiber joint filler according to Article 1051.04 of the "Standard Specifications for Road and Bridge Construction" and shall have a perforated tear off wood or plastic strip to provide a uniform 3/4 in. reservoir/channel for the required sealant.

Expansion joints required under Article 424.07(a) shall consist of preformed flexible foam expansion joint filler according to Article 1051.09 of the "Standard Specifications for Road

and Bridge Construction” and shall have a pre-scored removable strip to provide a uniform 1/2 in. reservoir/channel for the required sealant.

Expansion joint filler and backer rod materials shall be a non-impregnated type that will not bond with the sealant.

Expansion joints shall be sealed with self-leveling (pour grade), or nonsag (gun) grade urethane sealant. The color of the sealant shall be limestone, unless otherwise approved by the Engineer.

This work will not be paid separately, but shall be included in the contract lump sum price of the various concrete items for which the expansion joints are required.

### **DETECTABLE WARNINGS**

This work shall consist of constructing detectable warning surfaces in curb ramps and other locations shown on the plans according to Articles 424.09 of the “Standard Specifications for Road and Bridge Construction” and Highway Standard 424001, 424021 and 424026, and as modified herein:

Materials shall be

Fiberglass reinforced composite replaceable panels. Panels shall be a minimum of 1/4” thick with uniform color throughout with raised, truncated domes.

Color shall be black.

Panel sections shall be of equal size and dimensions with no fragments unless approved by the Engineer. Radial panels shall be utilized where shown in the plans and shall be a radius as close as practical to the actual curb radius to the satisfaction of the Engineer.

Detectable warning panels shall be protected when applying curing compound to the adjoining concrete sidewalk. Any overspray on the panels shall be cleaned immediately to the satisfaction of the Engineer.

Joints between panels and around the perimeter of the panels shall be caulked with a self-leveling (pour grade), or nonsag (gun) grade urethane sealant. The color of the sealant shall be limestone, unless otherwise approved by the Engineer.

The concrete thickness under the panels shall be increased 1 inch. The subgrade shall be well-drained and properly compacted. Forms shall be positioned for proper grade, slope, and uniform slab thickness.

Detectable warning panels shall be placed as shown in the drawings and shall have visual contrast with the adjoining concrete surface. Adequate drainage shall be provided to prevent the accumulation of water and debris at the bottom of the ramp.

Panels shall be installed immediately in fresh concrete and adjusted to grade to ensure 100% surface contact with square edges of panels butted tightly together. The base of

the truncated domes shall be set flush with the adjoining concrete surface. The maximum tolerance between the panels and the adjoining surface is 1/16 inch. Immediately after placement, the panels shall be checked for slope, elevation and proper grade. The concrete around the panels shall be edged with 1/8 in. radius edger and finished according to the contract specifications.

This work will be paid for at the contract lump sum price per square foot for DETECTABLE WARNINGS as specified herein.

### **HOT-MIX ASPHALT SURFACE REMOVAL, 2”**

This work shall consist of removing hot-mix asphalt (HMA) surfaces to the limits specified on the plans according to Section 440 of the “Standard Specifications for Road and Bridge Construction”, except as modified herein.

Materials resulting from the HMA surface removal process shall become the property of the Contractor unless otherwise noted in the General Notes and their salvage value shall be reflected in the contract unit price for HOT-MIX ASPHALT SURFACE REMOVAL, 2”.

Manholes and valve vaults which are exposed by the HMA surface removal and transverse cuts at the end of the day that are more than 1/2 in. deep shall be tamped with a cold-mix asphalt. The cost of this temporary taper shall be included in the cost of HOT-MIX ASPHALT SURFACE REMOVAL, thickness specified.

When the removal width of the machine is less than the width of the lane, the operations shall be planned such that after the asphalt surface for a portion of the lane has been removed, the remaining portion shall have been removed by the end of the day so that the two passes begin and terminate even with each other.

If the depth of removal is greater than 1/2 in., the removal shall be tapered at the terminating point at the end of each day’s operation when the lane is open to traffic.

All materials, equipment, and labor necessary to complete the work and maintenance of the tapers as specified above shall be included in the contract lump sum price for HOT-MIX ASPHALT SURFACE REMOVAL, 2.

After any HMA surface removal operation has been completed, the Contractor shall erect special “ROUGH GROOVED SURFACE” signs, as shown on the attached sheet, in advance of the construction zone in both directions, if applicable. In addition, these signs shall also be erected along side streets (over 100 ADT) in advance of the construction zone.

These signs shall remain in place until they are no longer applicable as determined by the Engineer. They shall then be removed by the Contractor and become his property.

The cost of furnishing, erecting, maintaining, and removing these signs will not be paid for separately, but shall be considered as included in the cost of the HOT-MIX ASPHALT SURFACE REMOVAL, 2”.

This work will be paid for at the contract lump sum price per square yard for HOT-MIX ASPHALT SURFACE REMOVAL, 2".

# ILLINOIS STANDARD W8-I106



COLOR: LEGEND AND BORDER — BLACK NON-REFLECTORIZED  
BACKGROUND — ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
36X36	36.0	17.2	2.2	24.3	23.5	5.5	10.5	2.5
48X48	48.0	24.1	3.0	34.0	33.0	6.0	13.0	3.5

SIGN SIZE	SERIES			MAR- GIN	BOR- DER	BLANK STD.
	LINES					
	1	2	3			
36X36	5C	5C	5C	0.6	0.8	B4-36D
48X48	7C	7C	7C	0.8	1.2	B4-48D

All dimensions in inches.

## STORM SEWERS, CLASS A, TYPE 2, 12"

This work shall consist of constructing storm sewers of the required type and inside diameter at locations shown on the plans according to Section 550 of the "Standard Specifications for Road and Bridge Construction".

All storm sewers shall be Reinforced Concrete Culvert, Storm Drain and Sewer Pipe according to Article 1042.06 of the "Standard Specifications for Road and Bridge Construction". Each pipe section shall be sealed with a preformed flexible rubber gasket. The gasket shall be confined in a recessed groove cast into the spigot of the pipe, which will hold the gasket in place when the joint is assembled, forming a watertight seal, according to ASTM C443.

The cost incurred by the Contractor in complying with this requirement shall be considered as included in the contract lump sum price bid for STORM SEWERS, CLASS A, TYPE 2 12".

### **TELESCOPING STEEL SIGN SUPPORT**

This item shall consist of furnishing and installing telescoping steel sign supports according to Sections 728, 1006, and 1093 of the "Standard Specification for Road and Bridge Construction", except as modified herein.

Telescoping steel sign supports and sign brackets shall be coated as specified below. The color of the top coating shall be black. The coating shall be applied only after the telescoping steel sign support has been fabricated. The final product shall not contain cracks in the coating, ripples in the curved areas, not any damage due to fabrications and or shipping.

- a. Telescoping steel sign support shall be galvanized according to Articles 1093.01 and 1093.02 of the "Standard Specifications for Road and Bridge Construction". The galvanizing method shall provide surfaces suitable for painting.
- b. Prepare all galvanized surfaces to be painted in accordance with ASTM D 6386 and the manufacturer of the coating system's specifications. Provide a clean and suitable galvanized surface that maximizes coating system adhesion.
- c. Measure the thickness of the zinc coating after completion of surface preparation using a magnetic thickness gage to ensure sufficient galvanizing remains on the substrate to meet the requirements listed in AASHTO M 111. Correct any deficient areas to meet the requirements listed in the Standard Specifications prior to painting.
- d. All galvanized exterior surfaces visually exposed are to be coated with a urethane or triglycidly isocyanurate (TGIC) polyester powder coating to a minimum dry film thickness (DFT) of 2.0 mils. Prior to application, the surfaces to be powder coated shall be mechanically etched by brush blasting and the zinc coated substrate preheated to 230 °C (450 °F) for a minimum of one hour in a gas fired convection oven. The coating shall be electrostatically applied and cured by elevating the zinc-coated substrate temperature to a minimum of 180 °C (350 °F) in a gas-fired convection oven.
- e. Manufacturer shall certify:

Impact Resistance – With the finish surface at room temperature, subject it to a 160 inch-pound direct force by use of a Gardner variable impact tester, Model 1G-1120. Evaluate the test per ASTM D-2794.

Adhesion – Using a sharp blade, scribe a series of eight parallel cuts through the finish of the base material. Scribe another series of eight parallel cuts at a right angle to and crossing the former cuts to form 1/8 inch squares. Press a strip of pressure sensitive adhesive tape (Scotch Brand No 600) over the squares. After two minutes, remove the tape. Results must be level 4 or better as described in ASTM-3359-B.

Salt spray resistance shall be according to ASTM B-117.

Humidity Resistance shall be according to ASTM D-2247.

Weatherability – Power painted products shall meet the minimum weatherability standards as set forth in ASTM 336.

- f. Prior to painting, the Contractor shall provide the Engineer product data sheets including Material Safety Data Sheets on preparation material, prime materials and finish materials. Product data sheets shall include manufacturer recommendations for surface preparation and paint application. The contractor shall also furnish manufacturer's certification attesting that the materials supplied conform to the requirements of these specifications.
- g. Prior to shipment, telescoping steel sign supports shall be protected so that shipping does not cause damage to the painted surface. The Engineer will reject items that exhibit paint damage upon delivery. After delivery, the Contractor shall take care not to damage the painted surface. The Contractor shall replace, at their expense, any painted items that exhibit paint damage as directed by the Engineer.

This work will be paid for at the contract lump sum price per foot for TELESCOPING STEEL SIGN SUPPORT.

### **PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH SPECIAL**

This item shall consist of constructing a Portland Cement Concrete Sidewalk on a prepared subgrade according to Section 424 of the "Standard Specification for Road and Bridge Construction," except as modified herein:

Textured sidewalk shall be constructed at the locations shown on the plans. Textured sidewalk shall be colored and textured to replicate the appearance of brick pavers in a running bond pattern. The Contractor shall submit shop drawings, consisting of color and texture samples and manufacturer's specifications of the textured sidewalk products and construction procedures to the Engineer for approval according to the "Standard

Specifications for Road and Bridge Construction." Following the Engineer's approval of the color and texture samples, **the Contractor shall provide a minimum two foot (2') square by four inch (4") thick sample of the textured sidewalk, constructed by the Contractor, for approval and comparison of the coloring and texturing technique.** The cost of this sample will not be paid for separately, but shall be included in the contract unit price for PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH SPECIAL.

The concrete shall be integrally colored for the full depth of the sidewalk. The color shall be Solomon color 418 Brick Red. The color pigment for the brick stamped concrete shall not bleed on the plain concrete panels.

Pigment shall meet the requirements of ASTM C979 and be on the Department's Approved list of Pigments for Integrally Colored Concrete. All work shall, also, be in accordance with the Manufacturer's recommendations, including pigment %, pigment mixing, additional concrete admixture compatibility, concrete curing, required sealants, etc. Care shall be taken such that different batches of concrete do not have different finished colors.

Do not add calcium chloride to the concrete mix design.

The release agent shall be factory-packaged, nonfading finely-ground, streak free, colored powder that facilitates release of stamps and texture rollers from colored concrete and imparts a secondary accent color. The release agent shall be one of the following:

- 1.) Butterfield "Antiquing Release"
- 2.) Increte Systems "Antique Release"
- 3.) Lithochrome "Antiquing Release"

The "mortar joints" in the brick pattern shall remain the same color as the integrally colored concrete and release agent. Application of the release agent, sealer, and texture shall be in strict accordance with the manufacturer's recommendations. The integrally colored concrete shall not bleed onto the adjacent concrete panels.

The stamped pattern shall be a 4" x 8" paver brick placed in a running bond pattern. Vertical surface discontinuities shall be 0.5" maximum. Vertical surface discontinuities between 0.25" and 0.5" shall be beveled with a slope not steeper than 50%. The bevel shall be applied across the entire vertical surface discontinuity.

This item will be paid for at the contract unit price per square foot for PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH SPECIAL, which price shall include all work necessary to successfully color and texture the sidewalk.

### **TRAFFIC CONTROL AND PROTECTION, (SPECIAL)**

This work shall consist of furnishing, installing, maintaining and removing all traffic control devices for traffic control and protection as shown on Highway Standards 701001, 701106, 701501, 701801, 701901, and BLR 17 included in the plans, according to the TRAFFIC CONTROL PLAN, according to Section 701 of the "Standard Specifications for Road and Bridge Construction", as directed by the Engineer and as specified herein.

Prior to beginning work on the project, the Contractor shall furnish and install Type III barricades and advance warning signs as detailed in the applicable Highway Standards. Barricade placement and sign spacing may be adjusted by the Engineer to suit field conditions.

Throughout the construction period, all material piles, equipment, open excavations or other obstructions or hazards to motorists or pedestrians shall be enclosed by fences or protected by barricades and proper lighting. Excavations adjacent to the edge of pavement shall be protected with extended leg barricades with appropriate lights.

Traffic control and protection according to Highway Standard 701801 will be required for sidewalk closures on N. Main Street and E. Market Street.

Traffic Control and Protection required for the successful completion of this project will be furnished, installed, maintained, removed, measured and paid for at the contract lump sum price for TRAFFIC CONTROL AND PROTECTION, (SPECIAL), which price shall include all work as specified herein and all other provisions required by law for the protection and safety of property and individuals in a construction zone.

### **CONSTRUCTION AND MAINTENANCE SIGN SUPPORTS**

This work shall be done according to Section 1106 of the "Standard Specifications for Road and Bridge Construction" and Highway Standard 701901 except as modified herein.

All construction signs mounted on permanent support for use in temporary traffic control having an area of 10 square feet or more shall be mounted on two 4 in. x 4 in. or two 4 in. x 6 in. wood posts.

Type A metal posts (two for each sign) conforming to Article 1006.29 of the "Standard Specifications for Road and Bridge Construction" may be used in lieu of wood posts. Type A metal posts used for these signs may be unfinished.

The cost incurred by the Contractor in complying with this requirement shall be considered included in the contract lump sum prices bid for the various items of traffic control work involved.

### **CONTRACTOR ACCESS**

At road closure locations, where Type III barricades are installed in a manner that will not allow Contractor access to the project without relocation of one or more of the barricades, the arrangement of the barricades at the beginning of each work day may be relocated, when approved by the Engineer, in the manner shown on Highway Standard 701901. At the end of each work day, the barricades shall be moved and the road shall be closed to traffic.

The cost incurred by the Contractor in complying with this requirement shall be considered included in the contract lump sum prices bid for the various items of traffic control work involved and no additional compensation will be allowed.

## **PAINT CURB**

This work shall consist of furnishing and installing and applying paint on the new curbs at locations shown on the plans and according to Section 780 of the "Standard Specifications for Road and Bridge Construction."

Curbs shall be painted yellow on the top and face of the curb to delineate the median area. Paint materials shall be according to Article 1095.02 of the "Standard Specifications for Road and Bridge Construction."

This work will be for at the contract lump sum price per foot for PAINT CURB which price shall include all material and work necessary to the paint curbs as shown on the plans.

## **TREE FRAME AND GRATES**

This item consists of furnishing and constructing tree frames and grates in the newly constructed sidewalk in locations indicated in the plans.

The tree grate shall be by Neenah, product number R-8810.

The tree grate shall have a 16-inch tree opening diameter. The grates shall be coated with TGIC powder coating and cured according to the manufacturer's recommendations. The color of the grates shall be "*Flat Black*". The frames for the grates do not need to be coated. The nominal grate size shall be 36"x 60". The grate and its frame shall be constructed according to the details in the plans.

This item shall meet all the requirements of Section 106 of the "Standard Specification for Road and Bridge Construction" including the requirement that all iron and steel products be domestically manufactured or produced and fabricated.

This item will be paid for at the contract lump sum price per each for TREE FRAME AND GRATES which price shall include all material and work necessary to install the tree frame and grate as detailed in the plans.

## **METAL POST, SPECIAL**

This item shall consist of furnishing and installing ornamental sign posts according to Sections 729 and 1006 of the "Standard Specification for Road and Bridge Construction," except as modified herein.

Metal posts shall be either enameled steel or polyester coated aluminum posts according to the details in the plans. They shall have a black finish. The application rates of Sections 1006.29(b)(4) and 1006.29(b)(5) shall apply.

Delete the method of measurement shown in Article 729.04 of the "Standard Specifications for Road and Bridge Construction".

Ornamental sign posts and frames must meet Federal Crashworthiness standards.

Concrete for the sign foundation shall be class SI according to Section 1020 of the "Standard Specifications for Road and Bridge Construction" and shall be included in the cost of METAL POST, SPECIAL.

This work will be paid for at the contract lump sum price per each for METAL POST, SPECIAL, regardless of height, which price shall include the concrete foundation.

### **HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 10", STAMPED & COLORED**

This work shall consist of furnishing and placing High-early-strength Portland cement concrete pavement according to Section 420 of the "Standard Specifications for Road and Bridge Construction", at the locations shown on the plans, according to the construction details on the plans, and as modified herein.

Pavement stamping and coloring shall be constructed at the locations shown on the plans. Crosswalks shall be colored and textured to replicate the appearance of weathered brick pavers in a running bond pattern. The Contractor shall submit shop drawings, consisting of color and texture samples and manufacturer's specifications of the textured pavement products and construction procedures to the Engineer for approval according to the "Standard Specifications for Road and Bridge Construction." Following the Engineer's approval of the color and texture samples, **the Contractor shall provide a minimum two foot (2') square by four inch (4") thick sample of the textured concrete, constructed by the Contractor, for approval of the coloring and texturing technique.** The cost of this sample will not be paid for separately, but shall be included in the contract unit price for HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 10", STAMPED & COLORED.

The Contractor shall attempt to color, texture, and pattern the brick stamped concrete to match the existing intersection crosswalk paver pattern at North Main Street and E. Market Street. Coloring shall consist of the following types and materials:

- 1.) Integrally colored (color to match N. Main Street intersection) Portland cement concrete with antiquing release agent for the 10 in. thick, 6 ft. wide walking area of the crosswalk.
- 2.) Integrally colored white Portland cement concrete for the 22 in. thick, 1 ft. wide pavement marking "curbs" of the crosswalk.

The integrally colored concrete shall be according to ASTM C 979, factory-measured powdered mix in self-dissolving packaging, consisting of non-fading finely-ground synthetic mineral-oxide coloring pigments and water reducing wetting agent. The integrally colored concrete shall be one of the following:

- 1.) Butterfield "Integral Concrete Colorant"
- 2.) Increte Systems "Color-Crete Powder"
- 3.) Scofield "Chromix P"

The exact colors shall be selected by the Engineer from the manufacturer's color palette.

The release agent shall be factory-packaged, nonfading finely-ground, streak free, colored powder that facilitates release of stamps and texture rollers from colored concrete and imparts a secondary accent color. The release agent shall be one of the following:

- 4.) Butterfield "Antiquing Release"
- 5.) Increte Systems "Antique Release"
- 6.) Lithochrome "Antiquing Release"

The "mortar joints" in the brick pattern shall remain the same color as the integrally colored concrete and release agent. Application of the release agent, sealer, and texture shall be in strict accordance with the manufacturer's recommendations. The integrally colored concrete shall not bleed onto the adjacent concrete panels.

This item will be paid for at the contract lump sum price per square yard for HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 10", STAMPED & COLORED which price shall include all material and work - including all PCC concrete regardless of thickness, reinforcing bars, coloring, stamping, and texturing necessary to successfully install the concrete crosswalk as detailed in the plans.

### **METAL BENCH**

This item consists of furnishing and constructing a new backless metal bench in the newly constructed sidewalk in locations indicated in the plans.

The backless metal bench shall be one of the following:

1. Dumor Model 95-60, 6' BACKLESS CAST BENCH, STEEL SEAT 223 LBS
2. Keystone Ridge Design, RE16 – Reading Flat Bench 6 ft
3. Lexington Collection Backless Bench – Model 958-S6

The backless metal bench shall be black.

This item will be paid for at the contract lump sum price per each for BENCHES price shall include all material and work necessary to install the metal bench as detailed in the plans.

### **TRENCH BACKFILL**

This work shall be constructed according to Section 208 of the "Standard Specifications for Road and Bridge Construction", except as modified herein:

Fine aggregate according to Article 1003.04 may be used for bedding only, except as follows: Fine aggregate will be required for trench backfill within 2 ft. of all gas mains and gas service lines that are exposed during trenching operations.

Material for trench backfill shall be coarse aggregate gradation CA 6, CA 10 or CA 18 as specified in Article 1004.05.

Trench backfill material shall be compacted according to Method 1, as specified in Article 550.07(a) of the "Standard Specifications for Road and Bridge Construction".

This work will not be paid for separately, but shall be included in the cost for STORM SEWER CLASS A, TYPE 2 12".

### **ELECTRICAL SERVICE MODIFICATION SPECIAL**

This item shall consist of all material and labor required to install branch circuits to serve Market and Main Street streetscape lighting, Christmas receptacles and event receptacles, served from existing circuit breakers and controls in the existing electrical service pedestal. The installation shall conform to the details shown in the plans and Section 804 of the Standard Specifications for Road and Bridge Construction, the National Electric Code, UL, and the following provisions:

ELECTRICAL SERVICE MODIFICATION SPECIAL shall include all wiring and all other miscellaneous hardware indicated in the details in the plans or otherwise required for installation. This pay item shall include all material and work necessary to provide branch circuits for streetscape lighting, Christmas receptacles and event receptacles from the existing circuit breakers in the existing electrical service pedestal to the streetscape fixtures. This work shall be paid for at the contract lump sum price per each for ELECTRICAL SERVICE MODIFICATION SPECIAL, and no additional compensation will be allowed.

### **ORNAMENTAL LIGHT UNIT COMPLETE SPECIAL (FIXTURE TYPE SB)**

STERNBERG 1A-GL1970LED-F-BFS-40L40T4-MDL012-CA-HSHB /CAF6/ 1AM-GL1960-F-BFS-16L40T2-MDL012-CA-EZ / 480DHPM/ 6923SRTS/ BCC4/ FH-BDBA-26"-2-DPL IUC-1-GFI IUC-WHK/GFB/BK

The lighting shall be according to the applicable articles of Section 830 of the Standard Specifications for Road and Bridge Construction, the National Electric Code, UL, and the following provisions:

The lighting shall be by Sternberg Lighting, Gallery series. The Contractor shall submit shop drawings, consisting of color and texture samples and manufacturer's specifications for installation of the street lighting to the Engineer for approval according to the "Standard Specifications for Road and Bridge Construction."

LUMINAIRES: The roadway luminaire shall be Sternberg 1A-GL1970LED-F-BFS. The sidewalk luminaire shall be Sternberg 1AM-GL1960-F-BFS. The luminaires shall consist of a clear flat glass lens, chip on board LED arrays and power supply, IP65 rated spun aluminum body. The door shall be hinged and shall have tool-less entry for driver and LED access. Finish shall be a polyester powder coating in black textured. All hardware shall be stainless steel and be finished to match the assembly.

LEDS: The luminaire shall use high output, high brightness LED's. They shall be mounted in arrays, on printed circuit boards designed to maximize heat transfer to the heat sink

surface. The arrays shall be roof mounted to minimize up-light. The LED's and printed circuit boards shall be 100% recyclable, they shall also be protected from moisture and corrosion by a conformal coating of 1 to 3 mils. They shall not contain lead, mercury or any other hazardous substances and shall be RoHS compliant. The LED life rating data shall be determined in accordance with IESNA LM-80. They shall operate in a -40°C (-40°F) to +50°C (122°F) ambient air temperature range. The High Performance white LED's will have a life expectancy of approximately 100,000 hours with not less than 70% of original brightness (lumen maintenance), rated at 25°C. The High Brightness, High Output LED's shall be 4500K color temperature with a minimum CRI of 70. The luminaire shall have a minimum 6694 delivered initial lumen rating when operated at steady state with an average ambient temperature of 25°C (77°F).

**OPTICS:** The luminaires shall be provided with individual, refractor type optics applied to each LED. The luminaire shall provide lighting distribution per the IESNA classifications specified and shall be tested in accordance with IESNA LM-79.

**ELECTRONIC DRIVER:** The LED driver shall be UL recognized, securely mounted inside the fixture, supplied with a quick-disconnect electrical connector on the power supply for easy power connections and fixture installation. It shall have overload and short circuit protection and have a DC voltage output, constant current design, 60hz. The driver shall be supplied with line-ground, line-neutral and neutral-ground electrical surge protection in accordance with IEEE/ANSI C62.412 guidelines.

**BRACKET ARMS:** The roadway bracket arm shall be Sternberg CAF6. The arm shall be 6' long and consist of a 6063-T6 structural aluminum tapered tube beginning at 3" and tapered to 2 3/8". The arm shall be a minimum wall thickness of .125". A formed, 6061-T6 aluminum bar scroll shall be mechanically attached to the arm and pole. A 356 alloy, cast aluminum hang straight leveling coupling shall transition the arm end to the fixture. The sidewalk bracket arm shall be Sternberg 480DHPM. The bracket shall be 17-3/4" long by 13-3/4" high and be cast with a permanent mold using 356 aluminum. The bracket shall mechanically attach to the cast aluminum PM factory welded to the pole shaft. A 356 alloy, cast aluminum hang straight leveling coupling shall transition the arm end to the fixture.

All arm mounting hardware shall be stainless steel and finished to match the assembly.

**LIGHT POLE:** The light pole shall be Sternberg PT NO 6923SRTS. The pole shall be 23' tall

The pole shall be supplied with a 356 alloy, 2 piece cast aluminum decorative clamshell pole base. The 2 piece base shall be attached with stainless steel hardware finished to match the base. The base shall be 20" diameter x 36" tall. Anti-rotational anchor feet are to be included in the pole base to anchor the base to the concrete. An exterior access door shall be provided and aligned with the pole shaft door to provide access to the pole shaft without having to separate the clamshell.

Pole shall be designed in accordance with current AASHTO design criteria and be designed for a 90 MPH wind zone and a 1.14 gust factor. All accessories and loadings listed shall be factored in to this design as well as an additional string light system per further specifications.

## ACCESSORIES:

Light pole shall have one integrated low profile GFCI duplex receptacle located at 4'-0" from the base of the pole on the sidewalk side. The light pole shall have two integrated low profile duplex receptacles. One located at 17'-0' feet and one located at 20'-0" feet, both on the roadway side. The duplex receptacles shall be protected by a remote ground fault breaker installed inside the handhole at the pole base. All receptacles shall be provided with cast aluminum "in-use" coverplates finished to match the pole.

Flag pole holder, made of heavy-wall aluminum, mounted to the side of the pole on the roadway side, finished to match the pole.

Double breakaway banner arms mounted to the side of the pole on the sidewalk side and measure 48" between post centers. Banner arms shall be finished to match the pole.

One steel wreath hook, mounted to the side of the pole on the roadway side and finished to match the pole.

Eyebolt, mounted to the side of the pole on the roadway side and finished to match the pole.

**FINISHES:** The assembly finish shall be textured black and shall a 6 stage powder coat process consisting of the following stages;

Stage 1: All products to be coated will receive a 96 second alkaline cleaner application followed by a 48 second fresh water rinse at ambient temperature.

Stage 2: Will be a 60 second Phosphoric Acid 4% solution treatment with a Fluoride accelerant followed by a 48 second reverse osmosis water rinse at ambient temperature. The rinse will be followed by a high pressure air spray to remove all moisture from the product.

Stage 3: Will be a 48 second Non-Chrome Polymer sealer application.

Stage 4: Will start with 16 minutes in a drying oven at 400 degrees.

Stage 5: Will be an electrostatic application of polyester powder in a downdraft spray booth and applied by articulated robotic arm sprayer and over sprayed by an application technician. Polyester powder over spray shall be recoverable and reusable.

Stage 6: Will be 25 minutes oven curing at 450 degrees to harden the powder finish and create final appearance and adhesion to the substrate. Curing shall be followed by 9.5 minutes in a cooling tunnel to prepare for un-racking. Pre-Treatment and curing processes will be followed by quality checks for adhesion using a cross-hatch test and for proper curing by means of a solvent rub test. Coatings process shall meet or exceed AAMA-2604-05 standard.

The finish shall pass the AAMA 605.02 performance specification, which includes passing a 3,000-hour salt spray test for corrosion resistance. Color for fixtures, bracket arms, poles and all accessories shall be black textured.

**WATERPROOF IN-LINE FUSE HOLDER AND FUSES:** Non-break away single or double pole waterproof fuse holder with copper crimp terminals for #10 AWG copper wire. Rated 20A at 250 volts AC minimum. Provide with time delay current-limiting fuse(s), rated 250 volts AC, minimum.

**WARRANTY:** The luminaire shall be free from all defects in materials and workmanship for a period of seven (7) years from the date of manufacture. The luminaire manufacturer shall warrant the LED boards/system, during the stated warranty period, against failure defined as more than 10 percent non-operating LEDs. The driver shall be warranted for seven (7) years.

The fixture finish will not fade in color more than five units as measured by Hunter L\*a\*b\* Color Difference as set forth in ASTM D2244 Section 6.3 as of the date of this letter and in such a way as to significantly adversely affect the appearance of the surface to which the product has been applied and result in damage to the surface; Will exhibit gloss retention of a minimum of 30% of the original as measured in accordance with ASTM D523 using 60 degree readings; Will not chalk in excess of standard number 8 rating for colors, No. 6 for whites as illustrated in the ASTM D4214 Test Method A. Will not corrode or exhibit a lack of adhesion.

This item of work shall be paid for at the contract lump sum price per each for **ORNAMENTAL LIGHT UNIT COMPLETE SPECIAL**, which price shall include all labor and materials, including accessories and wiring, necessary to construct the light assembly and no additional compensation will be allowed.

### **LIGHT POLE FOUNDATION, 30" DIAMETER**

This item shall consist of all material and labor required to install light pole foundations for street lighting. The installation shall conform to the details shown in the plans and Section 836 of the Standard Specifications for Road and Bridge Construction, the National Electric Code, UL, and the following provisions:

LIGHT POLE FOUNDATION shall be constructed as indicated in the plans and per the manufacturer's recommendations. This pay item shall include all material and work necessary to construct the foundation including anchor bolts, reinforcing bars, conduits, ground rods and all other miscellaneous hardware indicated in the details in the plans or otherwise required for installation. This work shall be paid for at the contract lump sum price per foot for LIGHT POLE FOUNDATION, 30" DIAMETER, and no additional compensation will be allowed.

### **HANDHOLE, SPECIAL 1**

This work shall consist of constructing composite handholes in accordance with Section 814 of the Standard Specifications for Road and Bridge Construction, the National Electrical Code; UL; and the following provisions:

**CONSTRUCTION:** Open-bottom, underground enclosure made of concrete or polymer concrete and reinforced by a heavy weave fiberglass, concrete gray color and rated 8,000

lbs over a 10" X 10" area, designed and tested to temperatures of -50 Deg. F. Material compressive strength should be no less than 11,000 psi; rated for vehicular traffic Load Category A16, Rated 22,568 lbs, 16,000 lbs live load. Lid shall have a skid resistant surface, waterproof gasketing and secure with stainless steel penta-head bolts. Cover shall be embossed "ELECTRIC".

SIZE: The handhole shall be 36" X 36" X standard manufacturer's depth.

MANUFACTURERS: Quazite, CDR Systems Corporation, New Basis, Martin Enterprises.

PAYMENT: This work will be paid for at the contract lump sum price per each for HANDHOLE SPECIAL 1, which price shall include all labor and materials, including modification to existing conduits as identified and no additional compensation will be allowed.

### **HANDHOLE, SPECIAL 2**

This work shall consist of constructing composite handholes in accordance with Section 814 of the Standard Specifications for Road and Bridge Construction, the National Electrical Code; UL; and the following provisions:

CONSTRUCTION: Open-bottom, underground enclosure made of concrete or polymer concrete and reinforced by a heavy weave fiberglass, concrete gray color and rated 8,000 lbs over a 10" X 10" area, designed and tested to temperatures of -50 Deg. F. Material compressive strength should be no less than 11,000 psi; rated for vehicular traffic Load Category A16, Rated 22,568 lbs, 16,000 lbs live load. Lid shall have a skid resistant surface, waterproof gasketing and secure with stainless steel penta-head bolts. Cover shall be embossed "ELECTRIC".

SIZE: The handhole shall be 11" X 18" X standard manufacturer's depth.

MANUFACTURERS: Quazite, CDR Systems Corporation, New Basis, Martin Enterprises.

PAYMENT: This work will be paid for at the contract lump sum price per each for HANDHOLE SPECIAL 2, which price shall include all labor and materials, including modification to existing conduits as identified and no additional compensation will be allowed.

### **ATT PULL BOX, SPECIAL**

This work shall consist of constructing composite handholes in accordance with Section 814 of the Standard Specifications for Road and Bridge Construction, the National Electrical Code; UL; and the following provisions:

CONSTRUCTION: Open-bottom, underground enclosure made of concrete or polymer concrete and reinforced by a heavy weave fiberglass, concrete gray color and rated 8,000

lbs over a 10" X 10" area, designed and tested to temperatures of -50 Deg. F. Material compressive strength should be no less than 11,000 psi; rated for vehicular traffic Load Category A16, Rated 22,568 lbs, 16,000 lbs live load. Lid shall have a skid resistant surface, waterproof gasketing and secure with stainless steel penta-head bolts. Cover shall be embossed "COMMUNICATION".

SIZE: The handhole shall be 30" X 48" X 36" deep.

MANUFACTURERS: Quazite, CDR Systems Corporation, New Basis, Martin Enterprises.

PAYMENT: This work will be paid for at the contract lump sum price per each for ATT PULL BOX SPECIAL, which price shall include all labor and materials, including modification to existing conduits as identified and no additional compensation will be allowed.

### **DIRECTIONAL BORE CONDUIT, PVC, 1.5" DIA, SPECIAL**

This item shall consist of all material and labor required to install an underground PVC conduit with polyester pull tape. The installation shall conform to Sections 810.04(c) and 1088 of the Standard Specifications for Road and Bridge Construction, the National Electrical Code; UL; and the following provisions:

DIRECTIONAL BORE CONDUIT shall consist of a 1.5" nonmetallic conduit with a low stretch, flat, polyester pull tape with sequential footage markings, installed inside the conduit. The pay item shall include all material and labor to install the underground conduit as indicated in the details in the plans or otherwise required for installation. This work shall be paid for the contract lump sum price per each for DIRECTIONAL BORE CONDUIT, PVC, 1.5" DIA, SPECIAL, and no additional compensation will be allowed.

### **DIRECTIONAL BORE CONDUIT, PVC, 2" DIA, SPECIAL**

This item shall consist of all material and labor required to install an underground PVC conduit with polyester pull tape. The installation shall conform to Sections 810.04(c) and 1088 of the Standard Specifications for Road and Bridge Construction, the National Electrical Code; UL; and the following provisions:

DIRECTIONAL BORE CONDUIT shall consist of a 2" nonmetallic conduit with a low stretch, flat, polyester pull tape with sequential footage markings, installed inside the conduit. The pay item shall include all material and labor to install the underground conduit as indicated in the details in the plans or otherwise required for installation. This work shall be paid for the contract lump sum price per each for DIRECTIONAL BORE CONDUIT, PVC, 2" DIA, SPECIAL, and no additional compensation will be allowed.

### **DIRECTIONAL BORE CONDUIT, PVC, 4" DIA, SPECIAL**

This item shall consist of all material and labor required to install an underground PVC conduit with polyester pull tape. The installation shall conform to Sections 810.04(c) and 1088 of the Standard Specifications for Road and Bridge Construction, the National Electrical Code; UL; and the following provisions:

DIRECTIONAL BORE CONDUIT shall consist of a 4" nonmetallic conduit with a low stretch, flat, polyester pull tape with sequential footage markings, installed inside the conduit. The pay item shall include all material and labor to install the underground conduit as indicated in the details in the plans or otherwise required for installation. This work shall be paid for the contract lump sum price per each for DIRECTIONAL BORE CONDUIT, PVC, 4" DIA, SPECIAL, and no additional compensation will be allowed.

#### **CONDUIT CAP, 1.5" DIA, SPECIAL**

This item shall consist of all material and labor required to install a conduit cap on the underground PVC conduit and pull tape turned up above grade. The installation shall conform to Sections 810.05 and 1088.01 of the Standard Specifications for Road and Bridge Construction, the National Electrical Code; UL; and the following provisions:

CONDUIT CAP shall consist of a 1.5" pvc conduit cap installed on the conduit stub above grade. The pull tape shall be pulled over the conduit end and the cap placed over the pull tape and conduit end. The pay item shall include all material and labor to install the conduit cap as indicated in the plans or otherwise required for installation. This work shall be paid for the contract lump sum price per each for CONDUIT CAP, 1.5" DIA, SPECIAL, and no additional compensation will be allowed.

#### **CONDUIT CAP, 2" DIA, SPECIAL**

This item shall consist of all material and labor required to install a conduit cap on the underground PVC conduit and pull tape turned up above grade. The installation shall conform to Sections 810.05 and 1088.01 of the Standard Specifications for Road and Bridge Construction, the National Electrical Code; UL; and the following provisions:

CONDUIT CAP shall consist of a 2" pvc conduit cap installed on the conduit stub above grade. The pull tape shall be pulled over the conduit end and the cap placed over the pull tape and conduit end. The pay item shall include all material and labor to install the conduit cap as indicated in the plans or otherwise required for installation. This work shall be paid for the contract lump sum price per each for CONDUIT CAP, 2" DIA, SPECIAL, and no additional compensation will be allowed.

#### **CONDUIT CAP, 4" DIA, SPECIAL**

This item shall consist of all material and labor required to install a conduit cap on the underground PVC conduit and pull tape turned up above grade. The installation shall conform to Sections 810.05 and 1088.01 of the Standard Specifications for Road and Bridge Construction, the National Electrical Code; UL; and the following provisions:

CONDUIT CAP shall consist of a 4" pvc conduit cap installed on the conduit stub above grade. The pull tape shall be pulled over the conduit end and the cap placed over the pull tape and conduit end. The pay item shall include all material and labor to install the conduit cap as indicated in the plans or otherwise required for installation. This work shall be paid for the contract lump sum price per each for CONDUIT CAP, 4" DIA, SPECIAL, and no additional compensation will be allowed.

### **AMEREN SERVICE MODIFICATION, SPECIAL**

This item shall consist of all material and labor required to intercept three (3) 200 amp, 120/240 volt, 1 phase, 3 wire underground electrical service conduits on the south side of East Market Street. The installation shall conform to the details shown in the plans, Sections 801, 810, 814, 817 of the Standard Specifications for Road and Bridge Construction, the National Electric Code, UL, Section 700 of the Ameren Electric Service Manual and the following provisions:

**HANDHOLE CONSTRUCTION:** Open-bottom, underground enclosure made of concrete or polymer concrete and reinforced by a heavy weave fiberglass, concrete gray color and rated 8,000 lbs over a 10" X 10" area, designed and tested to temperatures of -50 Deg. F. Material compressive strength should be no less than 11,000 psi; rated for vehicular traffic Load Category A16, Rated 22,568 lbs, 16,000 lbs live load. Lid shall have a skid resistant surface, waterproof gasketing and secure with stainless steel penta-head bolts. Cover shall be embossed "ELECTRIC".

**SIZE:** The handhole shall be 17" X 30" X 18" deep.

**MANUFACTURERS:** Quazite, CDR Systems Corporation, New Basis, Martin Enterprises.

AMEREN SERVICE MODIFICATION SPECIAL shall include the handhole, all conduit, wiring, fittings and all other miscellaneous hardware indicated in the details, in the plans or otherwise required for installation. This pay item shall include all material, work and inspections necessary to intercept three (3) existing underground service entrance conduits with a handhole, remove the existing service entrance conductors between the riser conduits at the Ameren pole on the north side of East Market Street and the existing to remain meter base at each service location. New service entrance conductors shall be routed in the existing underground conduit from the new handhole to the existing meterbase. The existing conductors between the existing meter secondary and the existing to remain electrical panel and existing grounding shall remain. Final connection to the new underground service entrance conductors within the handhole shall be by Ameren Electric. This work shall be paid for at the contract lump sum price per each for AMEREN SERVICE MODIFICATION SPECIAL, and no additional compensation will be allowed.

## **AMEREN SERVICE CONVERSION, SPECIAL**

This item shall consist of all material and labor required to convert three (3) 200 amp, 120/240 volt, 1 phase, 3 wire aerial electrical services to underground electrical services. The installation shall conform to the details shown in the plans, Sections 801, 810, 814, 817 of the Standard Specifications for Road and Bridge Construction, the National Electric Code, UL, Section 700 of the Ameren Electric Service Manual and the following provisions:

**HANDHOLE CONSTRUCTION:** Open-bottom, underground enclosure made of concrete or polymer concrete and reinforced by a heavy weave fiberglass, concrete gray color and rated 8,000 lbs over a 10" X 10" area, designed and tested to temperatures of -50 Deg. F. Material compressive strength should be no less than 11,000 psi; rated for vehicular traffic Load Category A16, Rated 22,568 lbs, 16,000 lbs live load. Lid shall have a skid resistant surface, waterproof gasketing and secure with stainless steel penta-head bolts. Cover shall be embossed "ELECTRIC".

**SIZE:** The handhole shall be 17" X 30" X 18" deep.

**MANUFACTURERS:** Quazite, CDR Systems Corporation, New Basis, Martin Enterprises.

AMEREN SERVICE CONVERSION SPECIAL shall include the handhole, all conduit, wiring, fittings, meter bases, grounding and all other miscellaneous hardware indicated in the details, in the plans or otherwise required for installation. This pay item shall include all material, work and inspections necessary to remove three (3) existing aerial electrical service entrance conduits, weatherheads, service entrance conductors and meterbases and provide new underground service entrance conduits, service entrance conductors and meterbases to feed the existing to remain electrical panels at each existing service entrance location. The meterbases shall be installed in the same location as the existing one. New service entrance conductors shall be routed in the new underground conduit from the handhole to the meterbase. The existing conductors between the meter secondary and the existing to remain electrical panel shall remain, be protected, reused and terminated on the new meter secondary. Provide a new  $\frac{3}{4}$ "x x 10' ground rod and a new ground conductor from each existing panel to the new ground rod. Final connection to the new underground service entrance conductors within the handhole shall be by Ameren Electric. This work shall be paid for at the contract lump sum price per each for AMEREN SERVICE CONVERSION SPECIAL, and no additional compensation will be allowed.

## **AMEREN PULL BOX, SPECIAL**

This work shall consist of constructing composite handholes in accordance with Section 814 of the Standard Specifications for Road and Bridge Construction, the National Electrical Code; UL; and the following provisions:

**CONSTRUCTION:** Open-bottom, underground enclosure made of concrete or polymer concrete and reinforced by a heavy weave fiberglass, concrete gray color and rated 8,000 lbs over a 10" X 10" area, designed and tested to temperatures of -50 Deg. F. Material compressive strength should be no less than 11,000 psi; rated for vehicular traffic Load

Category A16, Rated 22,568 lbs, 16,000 lbs live load. Lid shall have a skid resistant surface, waterproof gasketing and secure with stainless steel penta-head bolts. Cover shall be embossed "ELECTRICAL".

SIZE: The handhole shall be 36" X 36" X 18" deep.

MANUFACTURERS: Quazite, CDR Systems Corporation, New Basis, Martin Enterprises.

PAYMENT: This work will be paid for at the contract lump sum price per each for AMEREN PULL BOX SPECIAL, which price shall include all labor and materials, including modification to existing conduits as identified and no additional compensation will be allowed.

## STATUS OF UTILITIES TO BE ADJUSTED

<u>NAME AND ADDRESS OF UTILITY</u>	<u>TYPE</u>	<u>LOCATION</u>	<u>ESTIMATED DATE OF COMPLETION</u>
<u>City of Troy</u> 116 E Market St Troy, IL 62294 Contact Person: Rob Hancock Phone: 618-667-9924	Water	Existing main to be abandoned and new main to be put in place along south side of E. Market Street by City and other Contractor. Fire Hydrant to be installed by City in sidewalk along N. Main St.	June 28, 2024
	Sewer	No known conflicts	N/A
<u>Ameren Illinois (South)</u> 2600 N Center St Maryville, IL 62062 Contact Person: John Wehner Phone: 618-346-1256 Email: <a href="mailto:JWehner@ameren.com">JWehner@ameren.com</a>	Gas	Gas lines are located throughout the project.	N/A
	Electric	The existing aerial electric lines and power poles are to be removed and relocated underground from Main St to Hickory St along E. Market St.	Prior to Construction
<u>Charter Communications</u> 100 Lanter Ct Suite 5 Collinsville, IL 62234 Contact Person: Robert Jung Email : <a href="mailto:Robert.Jung@charter.com">Robert.Jung@charter.com</a>	CATV	The existing aerial cable lines are to be removed and relocated underground.	Prior to Construction
<u>AT&amp;T</u> 1640 E Hazel Dell Rd Springfield, IL 62703 Contact Person: Jeff Goad Phone: 217-789-5543	Fiber Optic	The existing aerial cable lines are to be removed and relocated underground. The utility poles on the south side of E. Market St between Kimberlin and Hickory are to be removed.	Prior to Construction

The above represents the best information of the Department or responsible Local Agency and is only included for the convenience of the Contractor. The applicable provisions of Section 102 and Articles 105.07, and 107.20 of the "Standard Specifications for Road and Bridge Construction" shall apply.

Minor adjustments of residential service lines may be necessary to accommodate construction. All such adjustments will be made by their respective owners during construction.

Underground facilities, structures and utilities have been plotted from available surveys and records. Their locations must be considered to be approximate only. It is possible there may be others, the existence of which is not presently known or shown. Such information represents only the opinion of the Local Agency and their Engineer as to the location of such utilities and is only included for the convenience of the bidder. The Local Agency and their Engineer assume no responsibility in respect to the sufficiency or the accuracy of the information shown on the plans relative to the location of underground utility facilities.

If any utility adjustment or removal has not been completed when required by the Contractor's operation, the Contractor should notify the Engineer in writing. A request for an extension of time will be considered to the extent the Contractor's operations were affected



# Illinois Department of Transportation

Office of Highways Project Implementation / Region 5 / District 8  
1102 Eastport Plaza Drive / Collinsville, Illinois 62234-6198

April 10, 2024

ACCESS PERMIT APPLICATION No. 8-33649  
SA Route 9A (IL 162)  
Section 60-15d  
Madison County  
Location: IL 162 from N. Main Street to S. Hickory Street

City of Troy  
Attn: Rob Hancock  
116 E. Market Street  
Troy, IL 62294

Dear Mr. Hancock :

The enclosed Access Permit form and bond must be properly executed and returned to this office before your Access Permit will be issued. The attached drawing and description specifies pertinent information required to construct the proposed improvements within the specifications of the Access Permit Policy. Please execute the permit application form (all signatures must be in ink) in the following manner:

1. Sign on the line marked "City of Troy".
2. Have a disinterested person (not a relative) sign in the space marked "Witness".
3. Affix the date the form was signed in the spaces provided.
4. The full mailing addresses of both signatories (witness and applicant) must be completed.
5. DO NOT write in the space provided for Department of Transportation officials.

We have also enclosed a set of instructions and three copies of the Highway Permit Bond in the amount of \$50,000.00 to guarantee proper installation and maintenance of the proposed construction. The bond should be executed by you, or your Contractor, with a reliable surety company licensed by the State of Illinois on the date the bond is executed. The bond form MUST BE signed in the lower right-hand corner by the principal securing the bond.

After you have properly executed the permit application and bond in accordance with the above instructions, return the permit application and the three copies of the Bond to this office for final approval by officials of the department. **When you receive your approved copy of this permit, and when you have notified the Department as required in the permit, you may begin the work as set forth in your permit.**

Should you have any questions concerning this matter, please contact RuAnna Stumpf, Permits Unit Chief, at (618) 346-3280, or via e-mail at [ruanna.stumpf@illinois.gov](mailto:ruanna.stumpf@illinois.gov).

Sincerely,

Kirk H. Brown, P.E.  
Region Five Engineer

Joseph D. Monroe, P.E.  
District Operations Engineer

**INSTRUCTIONS FOR EXECUTING  
HIGHWAY PERMIT BONDS & NOTARY PUBLIC CERTIFICATION**

**HIGHWAY PERMIT BOND (3 COPIES)**

1. **BY PRINCIPAL** - When the principal on the bond is incorporated, the President and Secretary or their respective assistants shall sign the bond and have the corporate seal affixed thereto. The Individual Highway Permit Bond form **MUST BE SIGNED** by the Principal/Applicant securing the bond. This signature **MUST BE** affixed in the lower right-hand side where indicated.
2. **BY SURETY COMPANY** - The bond must be signed by a regular officer or an attorney-in-fact of the surety company, and the company's seal must be affixed.

A certified copy of the authority of the officer or attorney-in-fact so executing the bond must be attached and this authority must be shown to be in full force and effect on the date on which the bond is executed. If more than one bond is executed, attach such a copy to each bond.

**NOTARY PUBLIC CERTIFICATION (1 COPY)**

The signature of the regular officer or attorney-in-fact of the surety company must be acknowledged before a Notary Public residing in the County where the bond was executed, the date of acknowledgment to be the same or subsequent to the date of execution of the bond.

After approval by officials of the Department, an approved copy of the Permit and Bond will be returned to the Principal. One approved copy of the Permit and Bond will also be returned directly to the Agent.

STATE OF \_\_\_\_\_ )

COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, A.D., 20\_\_\_\_, before me personally appeared \_\_\_\_\_ with

whom I am personally acquainted, who, being by me duly sworn, said: That s/he resides in the County of \_\_\_\_\_, that s/he is the

Attorney-in-Fact of the \_\_\_\_\_ Corporation described in and

which executed the foregoing instrument that s/he knows the corporate seal of said Company; that said

seal affixed to said instrument is such corporate seal; that it was so affixed by authority of the Board of

Directors thereof and of his/her office under the by-laws of said Company; that s/he signed his/her name

thereto as Attorney-in-Fact by like authority, and that s/he is the Attorney-in-Fact as of this date.

\_\_\_\_\_  
NOTARY PUBLIC

(SEAL)

My commission expires \_\_\_\_\_.



Address 1102 Eastport Plaza Drive City Collinsville State IL District 8 Bond No.

KNOWN ALL MEN BY THE PRESENTS, That I (We) (Name of Applicant)

(Mailing Address) City State Zip Code

as Principal, and (Surety Company)

a corporation organized and existing under the laws of the State of and licensed to do business in the State of Illinois, are held firmly bound unto the people of the State of Illinois in the penal sum of

Fifty Thousand and 00/100 Dollars

( \$50,000.00 ) lawful money of the United States well and truly to be paid unto said people of the State of Illinois, for payment of which we bind ourselves, our successors and assigns, jointly, severally, and firmly by these presents.

WHEREAS, Highway Permit No. 8-33649 Issued by the Department of Transportation of the State of Illinois grants to permission and authority to construct, locate, operate, and maintain the work described in said Permit, upon or adjacent to

SA Route 9A (IL 162) in Madison County as more fully described in said Permit and Sketch, which by this reference are made a part hereof as if written herein at length, in and by which Permit and Sketch the said Principal has promised and agreed to perform said described operation and related activities in accordance with the terms and conditions of and description in said Permit and Sketch.

NOW THEREFORE, if the said Principal shall well and truly perform said operations in accordance with the terms and conditions of and description in said Permit and Sketch to the satisfaction of said Department, and shall perform no other work or construction at said location without first applying for and receiving another permit from said Department, then no claim or demand will be made against the above obligation. Otherwise, this bond or so much thereof as may be necessary shall insure to the said Department as cost and expense to change and correct, during a period of 5 years from the date of approval of this bond by the Department, said construction to conform to the terms and conditions of and description in said Permit and Sketch.

IN WITNESS WHEREOF, WE HAVE DULY EXECUTED THE FOREGOING

This Day of

Principal Name

Surety

Address

Address

City State Zip Code

City State Zip Code

Phone

Attorney in Fact Date

Signature Date

(Seal)

(Seal)

Agent for Surety

Department of Transportation Signature Date

Address

Regional Engineer

City State Zip Code

Surety Signature Date



Address 1102 Eastport Plaza Drive City Collinsville State IL District 8 Bond No.

KNOWN ALL MEN BY THE PRESENTS, That I (We) (Name of Applicant)

(Mailing Address) City State Zip Code

as Principal, and (Surety Company)

a corporation organized and existing under the laws of the State of and licensed to do business in the State of Illinois, are held firmly bound unto the people of the State of Illinois in the penal sum of Fifty Thousand and 00/100 Dollars (\$50,000.00) lawful money of the United States well and truly to be paid unto said people of the State of Illinois, for payment of which we bind ourselves, our successors and assigns, jointly, severally, and firmly by these presents.

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Address

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Signature Date

(Seal)

(Seal)

Agent for Surety

Department of Transportation Signature Date

Address

Regional Engineer

City State Zip Code

Surety Signature Date



Address 1102 Eastport Plaza Drive City Collinsville State IL District 8 Bond No.

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(Mailing Address) City State Zip Code

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IN WITNESS WHEREOF, WE HAVE DULY EXECUTED THE FOREGOING

This Day of

Principal Name

Surety

Address

Address

City State Zip Code

City State Zip Code

Phone

Attorney in Fact Date

Signature Date

(Seal)

(Seal)

Agent for Surety

Department of Transportation Signature Date

Address

Regional Engineer

City State Zip Code

Surety Signature Date



FAP	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0586A	MARKET STREET	MADISON	31	1
CITY OF TROY		ILLINOIS		

## INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2	GENERAL NOTES, UTILITIES, & COMMITMENTS
3-4	SUMMARY OF QUANTITIES
5-6	TYPICAL SECTIONS
7-8	SCHEDULES
9	OVERALL SITE PLAN SHEET
10	N. MAIN STREET SIDEWALK PLAN SHEET
11-12	E. MARKET STREET SIDEWALK PLAN SHEET
13	EROSION CONTROL, PAVEMENT MARKING, AND SIGNING SHEETS
14	REMOVAL PLAN SHEET
15	INTERSECTION DETAILS - N. MAIN
16-21	INTERSECTION DETAILS - E. MARKET
22-26	CONSTRUCTION DETAILS
27	ELECTRICAL LIGHTING PLAN
28	UTILITY CONDUIT PLAN
29	ELECTRICAL SUMMARY SHEET
30	ELECTRICAL DETAILS & SCHEDULES
31	ELECTRICAL DETAILS

# PLANS FOR PROPOSED

## CITY OF TROY MARKET STREET STREETScape PHASE 1 FROM MAIN STREET TO HICKORY STREET MADISON COUNTY, ILLINOIS

### HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424021-06	DEPRESSED CORNER FOR SIDEWALKS
424026-03	ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
602306-03	INLET - TYPE B
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
780001-05	TYPICAL PAVEMENT MARKINGS

### SCALE IN FEET

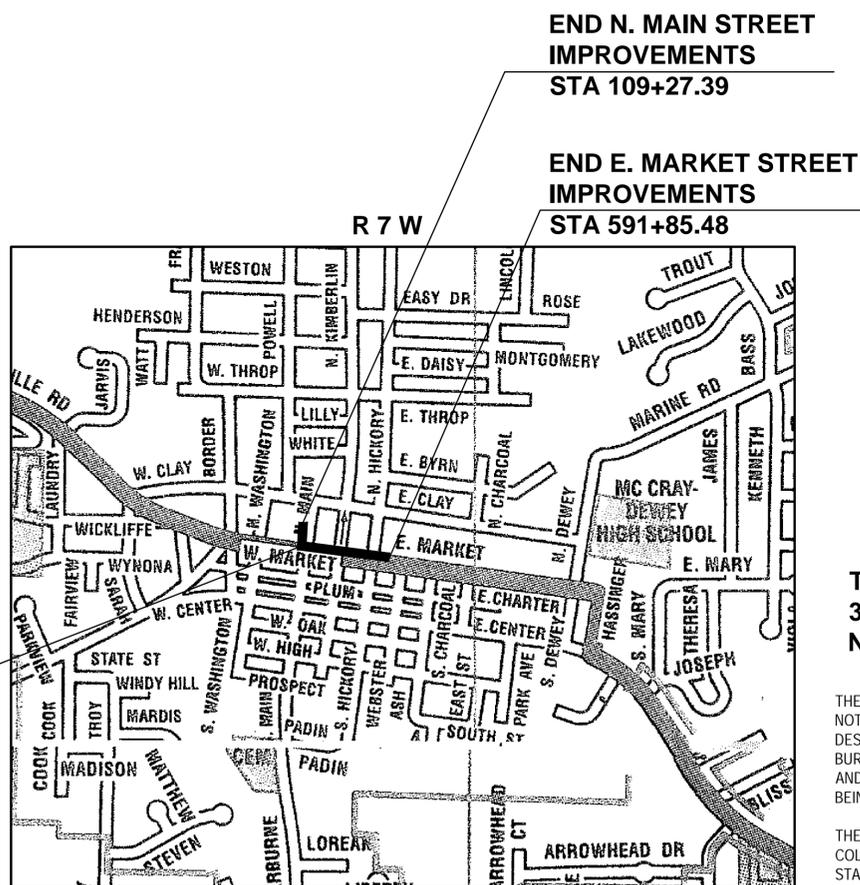
PLAN	1" = 20'
INTERSECTION	1" = 5'
PROFILE HORZ	1" = 20'
PROFILE VERT	1" = 5'
CROSS SECTION HORZ	1" = 10'
CROSS SECTION VERT	1" = 5'

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

### DESIGN DESIGNATION

ROADWAY CLASSIFICATION = MINOR ARTERIAL  
DESIGN SPEED = 25 MPH  
CURRENT ADT (2024) = 4,850  
DESIGN YEAR ADT (2044) = 5,360



### LOCATION MAP

SCALE: 1" = 1,000'

GROSS LENGTH = 729.37 FT (0.138 MILES)  
NET LENGTH = 579.29 FT (0.110 MILES)



### CITY OF TROY

APPROVED \_\_\_\_\_ Date \_\_\_\_\_

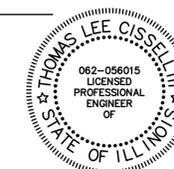
City of Troy, Mayor

THESE PLANS HAVE BEEN REVIEWED AND ACCEPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AS PART OF AN ACCESS PERMIT. PLEASE NOTE: THE DEPARTMENT HAS NEITHER DESIGNED NOR REVIEWED ALL ASPECTS OF THE PROPOSED CONSTRUCTION. THE CONSULTANT WHO HAS DESIGNED THESE PLANS IS RESPONSIBLE FOR ENSURING ALL ASPECTS MEET CURRENT DEPARTMENT POLICIES AND PROCEDURES AS OUTLINED IN THE BUREAU OF DESIGN AND ENVIRONMENT MANUAL AND STANDARD SPECIFICATION MANUAL. FIELD VERIFICATION OF ACTUAL CONDITIONS IS REQUIRED AND ANY DEVIATIONS TO THE PROPOSED CONSTRUCTION MUST BE APPROVED BY BOTH THE PERMIT APPLICANT AND THE DEPARTMENT PRIOR TO BEING IMPLEMENTED. ANY DEVIATIONS IMPLEMENTED BY A CONTRACTOR WITHOUT APPROVAL OF THE DEPARTMENT MAY NOT BE ACCEPTED.

THESE CONTRACT DOCUMENTS ARE PART OF A HIGHWAY ACCESS PERMIT ISSUED BY THE DEPARTMENT'S REGION FIVE, DISTRICT 8, OFFICE IN COLLINSVILLE. THERE ARE CONDITIONS LISTED IN THE VERBIAGE OF THE PERMIT WHICH APPLY TO THE WORK THAT IS TO BE PERFORMED ON THE STATE HIGHWAY RIGHT-OF-WAY. SINCE THESE CONDITIONS ARE LIKELY TO HAVE A BEARING ON HOW A CONTRACTOR CONDUCTS HIS/HER OPERATIONS AND COMPLETES THE WORK, IT IS ESSENTIAL THAT ALL CONTRACTORS BE AWARE OF THESE CONDITIONS BEFORE STARTING ANY WORK. THIS INFORMATION SHOULD BE SUPPLIED BY THE DEVELOPER OR OWNER.

ACCESS PERMIT NO: 8-

PLANS APPROVED BY IDOT-D8 ON: \_\_\_\_\_



100 Lanter Court, Suite 1  
Collinsville, IL 62234  
618.345.2200  
www.oatesassociates.com

Collinsville St. Louis Belleville St. Charles  
ILLINOIS DESIGN FIRM LICENSE NO. 184.001115

THOMAS L. CISSELL III, P.E.

DATE: 03/27/2024

LICENSE EXPIRES: 11/30/2025

03/27/2024 - FINAL PLANS

# GENERAL NOTES

## UTILITIES

- EXISTING UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS. THEIR LOCATIONS MUST BE CONSIDERED TO BE APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERETO. ILLINOIS LAW REQUIRES A MINIMUM 48-HOUR NOTICE TO ALL UTILITY COMPANIES BEFORE DIGGING. FIELD LOCATIONS OF UNDERGROUND FACILITIES MAY BE OBTAINED BY CALLING THE J.U.L.I.E. SYSTEM AT 800-892-0123 AND PROVIDING 48 HOURS ADVANCE NOTICE. NON-J.U.L.I.E. MEMBERS MUST BE CONTACTED DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT LIMITS ARE LISTED BELOW.
- ABOVE-GROUND UTILITY FACILITIES OR APPURTENANCES SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS TO PROVIDE A MINIMUM HORIZONTAL CLEARANCE OF 1.5 FEET, MEASURED FROM THE FACE OF CURB TO THE NEAR EDGE OF THE OBJECT.
- THE FOLLOWING UTILITY COMPANIES MAY HAVE FACILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION WHICH MAY REQUIRE ADJUSTMENT, RELOCATION OR REMOVAL. ALL ARE MEMBERS OF J.U.L.I.E. UNLESS NOTED OTHERWISE.

AMEREN IP (GAS & ELECTRIC) 2600 NORTH CENTER STREET MARYVILLE, IL 62062 (618) 346-1287	CLEARWAVE COMMUNICATIONS 2 N VINE STREET HARRISBURG, IL 62946 (877)293-2973
---	--

AT&T (TELEPHONE)  
150 WEST DIVISION STREET  
MARYVILLE, IL 62026  
(800) 252-1133

CHARTER COMMUNICATIONS (COMMUNICATIONS)  
815 CHARTER COMMONS  
TOWN & COUNTRY, MO 63017  
(636) 387-6650

CITY OF TROY (WATER & SANITARY SEWER)  
116 EAST MARKET STREET  
TROY, IL 62294  
(618) 667-9924

- THE CONTRACTOR SHALL VERIFY ALL UTILITIES IN THE FIELD, INCLUDING POTHOLING POTENTIAL UTILITY CONFLICTS, PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
- ABANDONED UTILITIES AND APPURTENANCES MAY BE REMOVED AS NECESSARY FOR NEW CONSTRUCTION.

## GENERAL

- THE CONTRACTOR SHALL PROVIDE BLOCKOUTS IN THE PROPOSED SIDEWALK FOR PLACEMENT OF SIGN POSTS AS DIRECTED BY THE ENGINEER. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR PORTLAND CEMENT CONCRETE SIDEWALK, 4".
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
- THE CONTRACTOR SHALL STAGE ALL WORK IN SUCH A WAY AS TO MAINTAIN INGRESS AND EGRESS TO ALL ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION. AGGREGATE FOR TEMPORARY ACCESS WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE LUMP SUM BID PRICE. THE COST OF ALL OTHER MATERIALS REQUIRED AND ALL OTHER LABOR NECESSARY TO COMPLY WITH THIS PROVISION WILL NOT BE PAID FOR SEPARATELY, AND SHALL BE INCLUDED IN THE LUMP SUM BID PRICE.
- THE CONTRACTOR SHALL PROVIDE ALL CONSTRUCTION LAYOUT AND MATERIAL TESTING NECESSARY TO COMPLETE THE PROJECT TO THE PLANS AND SPECIFIES TOLERANCES.
- AT THE CONCLUSION OF THE PROJECT, THE CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS FOR THE OWNER'S RECORDS.
- THE CONTRACTOR SHALL CONFINE ALL OPERATIONS TO THE CONSTRUCTION LIMITS LINE SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL FERTILIZE, SEED AND MULCH ALL EARTH SURFACES DISTURBED BY CONSTRUCTION. FERTILIZER, SEEDING AND MULCH WITHIN THE CONSTRUCTION LIMITS WILL NOT BE PAID FOR SEPARATELY, AND SHALL BE INCLUDED IN THE LUMP SUM BID PRICE. FERTILIZER, SEEDING AND MULCH OUTSIDE THESE LIMITS WILL NOT BE MEASURED FOR PAYMENT. SEE THE SEEDING SCHEDULE FOR ESTIMATED PLAN QUANTITIES.
- THE CONTRACTOR SHALL GUARANTEE ALL WORK, MATERIALS, AND LABOR ASSOCIATED WITH THIS WORK FOR A PERIOD OF ONE (1) YEAR AFTER SUBSTANTIAL COMPLETION.

## REMOVALS

- REMOVALS INCLUDE COMPLETE REMOVAL OF THE EXISTING BITUMINOUS ROADWAY SURFACE, PCC SURFACE, AGGREGATE BASE AND EARTH SUBGRADE AS NECESSARY TO PROVIDE THE NEW WORK. SURPLUS AND/OR UNSUITABLE MATERIAL SHALL BE DISPOSED OUTSIDE THE LIMITS OF THE RIGHT OF

WAY ACCORDING TO ARTICLE 202.03 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AT NO ADDITIONAL COST TO THE CONTRACT.

- THE CONTRACTOR SHALL INSPECT AND ACCEPT THE SITE CONDITIONS PRIOR TO MOBILIZATION. DOCUMENTATION FOR ANY CONCERNS SHALL BE PROVIDED TO OWNER IN WRITING AND WITH PHOTOGRAPHS PRIOR TO MOBILIZATION. NO ADDITIONAL PAYMENT WILL BE MADE FOR REPAIR OF DAMAGED EXISTING FEATURES TO REMAIN THAT WERE NOT ADDRESSED BEFORE THE CONTRACTOR ASSUMED THE SITE FROM THE OWNER.
- THE CONTRACTOR SHALL REMOVE ALL EXISTING FEATURES INCLUDING BUT NOT LIMITED TO PAVEMENT, CURB, SIDEWALK, DRIVEWAY PAVEMENT, CULVERTS, HEADWALLS, RIPRAP, FENCING, AND RETAINING WALLS WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION UNLESS NOTED OTHERWISE ON THE PLANS. ALL FEATURES WHICH ARE TO BE REMOVED AND FOR WHICH THERE IS NOT A SPECIFIC CALLOUT, WILL NOT BE MEASURED SEPARATELY FOR PAYMENT. ONLY FEATURES THAT WERE NOT VISIBLE DURING A PRE-CONSTRUCTION WALK-THRU WILL BE CONSIDERED AN UNFORESEEN CONDITION AN PAID FOR AS AN ADDITIONAL COMPENSATION.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL EXISTING FEATURES SUCH AS SIGNS, PAVEMENT, CURB, AND TREES FROM DAMAGE. IF ANY FEATURE TO REMAIN IS DAMAGED, IT SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE AS DIRECTED BY THE OWNER OR ENGINEER.
- FULL DEPTH SAW CUTTING ON ALL EDGES FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM INVOLVED ACCORDING TO SECTION 440 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
- THE CONTRACTOR SHALL REMOVE TRAFFIC SIGNS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND RE-ERECT THEM AT TEMPORARY LOCATIONS TO SAFELY MAINTAIN TRAFFIC CONTROL THROUGHOUT THE CONSTRUCTION PERIOD. AS SOON AS CONSTRUCTION OPERATIONS ALLOW, ALL TRAFFIC SIGNS SHALL BE PERMANENTLY LOCATED. ALL NEW LOCATIONS SHALL BE COORDINATED WITH IDOT AND THE CITY.
- ANY UNSUITABLE MATERIAL ENCOUNTERED DURING CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR AND REPLACED WITH SUITABLE MATERIAL AS APPROVED BY THE ENGINEER. UNLESS NOTED OTHERWISE IN THE PLANS, THE COST TO REMOVE AND REPLACE UNSUITABLE MATERIAL WILL BE CONSIDERED AN UNFORESEEN CONDITION AND WILL BE PAID FOR AT AN AGREED UPON PRICE OR ON A TIME AND MATERIAL BASIS.
- PAVEMENT REMOVAL INCLUDES THE REMOVAL OF THE EXISTING BITUMINOUS (OIL & CHIP) ROADWAY SURFACE AND AGGREGATE BASE. UNSUITABLE MATERIAL SHALL BE DISPOSED OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."

## EARTHWORK & GRADING

- PRIOR TO COMPACTION AND THE PLACEMENT OF PAVEMENT BASE COURSE LAYERS, THE CONTRACTOR SHALL PREPARE A DRY, STABLE SUBGRADE BY DISKING OR OTHERWISE AERATING THE SOIL. WHEN AIR DRYING IS NOT FEASIBLE, THE CONTRACTOR MAY USE A MOISTURE REDUCING CHEMICAL ADDITIVE SUCH AS HYDRATED LIME TO ADJUST THE MOISTURE IN THE SOIL AT NO ADDITIONAL COST TO THE CONTRACT.

## PAVING

- THE CONTRACTOR SHALL NOTE THE LOCATION OF ALL MANHOLE AND VALVE COVER FRAMES AND LIDS LOCATED WITHIN RESURFACING LIMITS. APPROPRIATE CARE SHALL BE TAKEN TO PROTECT THESE ITEMS DURING REMOVAL OPERATIONS.
- HIGH EARLY STRENGTH CONCRETE MIX SHALL BE USED FOR THE CONSTRUCTION OF PCC ENTRANCES AND CROSSWALKS AS NOTED ON THE PLANS.
- AT VARIOUS LOCATIONS, IT MAY BE NECESSARY TO TRANSITION PROPOSED COMBINATION CONCRETE CURB AND GUTTER TO MEET EXISTING CURBS OR GUTTERS. THE MINIMUM LENGTH OF TRANSITIONAL COMBINATION CURB AND GUTTER SHALL BE 20 FEET, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- THE OFFSETS TO ALL INLETS AND MANHOLES ARE GIVEN TO THE CENTER OF THE OPENING AT THE BASE OF THE FRAME AND GRATE OR LID. CONCENTRIC DRAINAGE STRUCTURES WERE ASSUMED WHEN CALCULATING THESE DIMENSIONS.
- ALL DRAINAGE STRUCTURES CONSTRUCTED, ADJUSTED OR RECONSTRUCTED UNDER THE CONTRACT, SHALL BE CLEANED OF ANY ACCUMULATION OF SILT, DEBRIS OR FOREIGN MATTER AT THE END OF EACH WORKING DAY AND AT THE TIME OF FINAL INSPECTION. THE CONST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE LUMP SUM BID PRICE OF THE CONTRACT.

## PAVEMENT MARKING

- THE PAVEMENT MARKING LOCATIONS SHOWN IN THE PLANS ARE APPROXIMATE. PROPOSED CROSSWALKS AND STOP BARS SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER, IF NECESSARY, TO MATCH FIELD CONDITIONS.

- ALL SIGNS AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH IDOT HIGHWAY STANDARDS AND THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD). ALL PAVEMENT MARKINGS SHALL BE WHITE, EXCEPT HANDICAP PARKING STALLS AND PAINTED ISLANDS, WHICH SHALL BE YELLOW.
- THE CONTRACTOR SHALL APPLY REFLECTIVE GLASS BEADS TO ALL PAVEMENT MARKINGS.

## EROSION CONTROL

- AN INDEPENDENT IEPA NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) STORM WATER PERMIT IS NOT REQUIRED FOR THIS PROJECT BECAUSE THE DISTURBED AREA IS LESS THAN ONE ACRE. THE CONTRACTOR SHALL CONFORM TO THE IEPA'S EXISTING GENERAL STORM WATER PERMIT FOR SMALL MUNICIPAL SEPARATE STROM SEWER SYSTEMS (MS4). EROSION AND SEDIMENT CONTROL ITEMS ARE SHOWN ON THE PLANS AND SHALL BE CONSTRUCTED ACCORDING TO THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".
- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN SILTATION CONTROL, AS NEEDED, TO PREVENT SILTATION OF OFF SITE PROPERTIES, UNTIL THE VEGETATION IN ALL DISTURBED AREAS HAS BEEN ESTABLISHED (75% COVERAGE OR MORE), AT WHICH TIME HE/SHE SHALL BE RESPONSIBLE FOR REMOVAL OF ALL TEMPORARY SILTATION CONTROL AND REPAIR OF ANY ERODED AREAS. EROSION CONTROL MEASURES SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH APPLICABLE PLAN DETAILS AND THE ILLINOIS URBAN MANUAL. NO CONSTRUCTION ACTIVITIES SHALL BE PERFORMED UNTIL EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED ON AND ADJACENT TO THE PROJECT SITE.
- THE CONTRACTOR SHALL IMPLEMENT DUST CONTROL MEASURES BY WATERING OR USING SLURRY MATERIALS DUE TO THE PROXIMITY OF ADJACENT BUILDINGS. THE CONTRACTOR SHALL WATER THE SITE FREQUENTLY AS NEEDED AND IF DIRECTED BY THE ENGINEER. THE COST FOR WATERING SHALL BE CONSIDERED AS PART OF TRAFFIC CONTROL, SPECIAL.

## APPROXIMATE QUANTITIES, SYMBOLS & ABBREVIATIONS

- THE FOLLOWING ITEMS AND APPROXIMATE QUANTITIES ARE INCLUDED IN THE "SUMMARY OF QUANTITIES" IN ORDER TO ESTABLISH A UNIT COST FOR WORK WHICH MAY BE REQUIRED TO CONSTRUCT THIS SECTION. THE ACTUAL QUANTITY OF EACH ITEM SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

AGGREGATE FOR TEMPORARY ACCESS

- THE FOLLOWING SYMBOLS AND ABBREVIATIONS SUPPLEMENT OR SUPERCEDE HIGHWAY STANDARD 000001:

BO	BY OTHERS (USED IN CONJUNCTION WITH TBA & TBR)
CE	COMMERCIAL ENTRANCE
CONSTR	CONSTRUCTION
CP	CONTROL POINT
ELEV	ELEVATION
ME	MATCH EXISTING
N/F	NOW OR FORMERLY
O/C	OIL AND CHIP
PERM	PERMANENT
PGL	PROFILE GRADE LINE
SPL	SPECIAL
TBA	TO BE ADJUSTED
TBR	TO BE REMOVED
TBRL	TO BE RELOCATED
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
W	WIDTH

## COMMITMENTS

NONE

THESE PLANS HAVE BEEN REVIEWED AND ACCEPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AS PART OF AN ACCESS PERMIT. PLEASE NOTE: THE DEPARTMENT HAS NEITHER DESIGNED NOR REVIEWED ALL ASPECTS OF THE PROPOSED CONSTRUCTION. THE CONSULTANT WHO HAS DESIGNED THESE PLANS IS RESPONSIBLE FOR ENSURING ALL ASPECTS MEET CURRENT DEPARTMENT POLICIES AND PROCEDURES AS OUTLINED IN THE BUREAU OF DESIGN AND ENVIRONMENT MANUAL AND STANDARD SPECIFICATION MANUAL. FIELD VERIFICATION OF ACTUAL CONDITIONS IS REQUIRED AND ANY DEVIATIONS TO THE PROPOSED CONSTRUCTION MUST BE APPROVED BY BOTH THE PERMIT APPLICANT AND THE DEPARTMENT PRIOR TO BEING IMPLEMENTED. ANY DEVIATIONS IMPLEMENTED BY A CONTRACTOR WITHOUT APPROVAL OF THE DEPARTMENT MAY NOT BE ACCEPTED.

THESE CONTRACT DOCUMENTS ARE PART OF A HIGHWAY ACCESS PERMIT ISSUED BY THE DEPARTMENT'S REGION FIVE, DISTRICT 8, OFFICE IN COLLINSVILLE. THERE ARE CONDITIONS *LISTED IN THE VERBIAGE OF THE PERMIT* WHICH APPLY TO THE WORK THAT IS TO BE PERFORMED ON THE STATE HIGHWAY RIGHT-OF-WAY. SINCE THESE CONDITIONS ARE LIKELY TO HAVE A BEARING ON HOW A CONTRACTOR CONDUCTS HIS/HER OPERATIONS AND COMPLETES THE WORK, IT IS ESSENTIAL THAT ALL CONTRACTORS BE AWARE OF THESE CONDITIONS BEFORE STARTING ANY WORK. THIS INFORMATION SHOULD BE SUPPLIED BY THE DEVELOPER OR OWNER.

ACCESS PERMIT NO: 8-

PLANS APPROVED BY IDOT-D8 ON: \_\_\_\_\_

# 03/27/2024 - FINAL PLANS

PLAN	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK NO.	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK NO.	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		

FILE NAME = 223007.003 - COVER SHEET - GENERAL NOTES (ROAD).DWG

 <p>www.oatesassociates.com ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115</p>	USER NAME = EDUARDO HERRERA	DESIGNED - EJS	REVISED -	<h2>CITY OF TROY - MARKET ST. STREETSCAPE - PHASE 1</h2>	GENERAL NOTES, UTILITIES, AND COMMITMENTS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1" = 1'	DRAWN - XXX	REVISED -		MADISON	31	2					
	PLOT DATE = 2022-09-27	CHECKED - XXX	REVISED -		MARKET ST. STREETSCAPE - PHASE 1							
		DATE - 2022-09-27	REVISED -		CITY OF TROY	ILLINOIS	LOCAL					
SCALE:		SHEET NO. 1 OF 1 SHEETS										

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHKD		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHKD		
	CADD FILE NAME		

FILE NAME = 223007.003 - COVER SHEET - GENERAL NOTES (ROAD).DWG

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
	*	25000110	SEEDING, CLASS 1A	SQ FT	578
		28000500	INLET AND PIPE PROTECTION	EACH	2
		31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	1,161
		31100910	SUBBASE GRANULAR MATERIAL, TYPE B 12"	SQ YD	86
		40600290	BITUMINOUS MATERIAL (TACK COAT)	POUND	291
		40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	9
		40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	76
		42000500	PORTLAND CEMENT CONCRETE PAVEMENT 10	SQ YD	8
		42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	114
		42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	7,914
	*	42400800	DETECTABLE WARNINGS	SQ FT	229
		44000100	PAVEMENT REMOVAL	SQ YD	518
	*	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	649

NOTES: SP - SEE PROJECT SPECIFIC SPECIAL PROVISIONS  
SI - SPECIALTY ITEM

LUMP SUM BID NOTE:

- THESE QUANTITIES REPRESENT THE DESIGNERS ESTIMATION OF THE **MAJOR WORK ITEMS** INVOLVED AND SOME SMALLER/INCIDENTAL WORK ITEMS ARE NOT INCLUDED FOR BREVITY.
- QUANTITY TAKEOFF AND UNIT COST SPREADSHEET IS INCLUDED FOR INFORMATION ONLY. THIS IS A **LUMP SUM BID** AND WILL BE PAID AS SUCH. UNIT COST AND PAY ITEMS ARE REQUESTED TO ESTABLISH A SCHEDULE OF VALUES TO ESTABLISH A BASIS FOR PARTIAL PAYMENTS

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	127
		44000300	CURB REMOVAL	FOOT	716
		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	242
		44000600	SIDEWALK REMOVAL	SQ FT	7,406
		54248510	CONCRETE COLLAR	CU YD	0.3
	*	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	16
		60240395	INLETS, TYPE B	EACH	1
		60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	2
		60600605	CONCRETE CURB, TYPE B	FOOT	80
		60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	74
		60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	995
		67100100	MOBILIZATION	L SUM	1
		72000100	SIGN PANEL - TYPE 1	SQ FT	41.20

NOTES: SP - SEE PROJECT SPECIFIC SPECIAL PROVISIONS  
SI - SPECIALTY ITEM

03/27/2024 - FINAL PLANS



USER NAME =	EDUARDO HERRERA	DESIGNED -	EJS	REVISED -	
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PLOT DATE =	2022-09-27	CHECKED -	XXX	REVISED -	
		DATE -	2022-09-27	REVISED -	

CITY OF TROY - MARKET ST. STREETSCAPE - PHASE 1

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 1 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		MADISON	31	3
MARKET ST. STREETSCAPE - PHASE 1				
CITY OF TROY	ILLINOIS	LOCAL		

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	CHECKED	
	AT	
	CONTRACT	
	NO.	
	DATE	
	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	CHECKED	
	AT	
	CONTRACT	
	NO.	
	DATE	
	FILE NAME	

FILE NAME = 232007.003 - COVER SHEET - GENERAL NOTES (ROAD).DWG

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
		72400310	REMOVE SIGN PANEL ASSEMBLY - TYPE 1	EACH	6
		72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	2
*		72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	13
		78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	6.2
		78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1,029
		78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	76
		78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	152
		78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	13
		A2004416	TREE, GINKGO BILOBA (GINKGO), 2" CALIPER, BALLED AND BURLAPPED	EACH	5
		A2004616	TREE, GLEDITSIA TRIACANTHOS INERMIS (THORNLESS COMMON HONEYLOCUST), 2" CALIPER, BALLED AND BURLAPPED	EACH	5
*		X4240420	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL	SQ FT	2,536
*		X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
*		Z0036200	PAINT CURB	FOOT	195

NOTES: SP - SEE PROJECT SPECIFIC SPECIAL PROVISIONS  
SI - SPECIALTY ITEM

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
*		XX002918	TREE FRAME AND GRATES	EACH	10
*		XX006213	METAL POST, SPECIAL	EACH	7
*		XX008225	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 10", STAMPED & COLORED	SQ YD	25
*		Z0003850	BENCHES	EACH	1
<b>ELECTRICAL QUANTITIES</b>					
		81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA	FOOT	1,341
		81028350	UNDERGROUND CONDUIT, PVC, 2" DIA	FOOT	1,845
		81028390	UNDERGROUND CONDUIT, PVC, 4" DIA	FOOT	609
		81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	5,186
		81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	1,991
		81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	2,007
*		X0326654	ORNAMENTAL LIGHT UNIT COMPLETE	EACH	7
*		X08360310	LIGHT POLE FOUNDATION, 30" DIAMETER, SPECIAL	FOOT	56
*			ELECTRIC SERVICE MODIFICATION SPECIAL	EACH	1

NOTES: SP - SEE PROJECT SPECIFIC SPECIAL PROVISIONS  
SI - SPECIALTY ITEM

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
*			HANDHOLE SPECIAL 1	EACH	2
*			HANDHOLE SPECIAL 2	EACH	1
*			DIRECTIONAL BORE 1.5" C, SPECIAL	FOOT	260
*			DIRECTIONAL BORE 2" C, SPECIAL	FOOT	1,175
*			DIRECTIONAL BORE 4" C, SPECIAL	FOOT	907
*			CONDUIT CAP 1.5" C, SPECIAL	EACH	4
*			CONDUIT CAP 2" C, SPECIAL	EACH	15
*			CONDUIT CAP 4" C, SPECIAL	EACH	5
*			AMEREN SERVICE MODIFICATION, SPECIAL	EACH	1
*			ATT PULL BOX, SPECIAL	EACH	1
*			AMEREN SERVICE CONVERSION, SPECIAL	EACH	1
*			AMEREN PULL BOX, SPECIAL	EACH	1

NOTES: SP - SEE PROJECT SPECIFIC SPECIAL PROVISIONS  
SI - SPECIALTY ITEM

- LUMP SUM BID NOTE:
- THESE QUANTITIES REPRESENT THE DESIGNERS ESTIMATION OF THE **MAJOR WORK ITEMS** INVOLVED AND SOME SMALLER/INCIDENTAL WORK ITEMS ARE NOT INCLUDED FOR BREVITY.
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03/27/2024 - FINAL PLANS



USER NAME =	EDUARDO HERRERA	DESIGNED -	EJS	REVISED -	
PLOT SCALE =	1' = 1'	DRAWN -	XXX	REVISED -	
PLOT DATE =	2022-09-27	CHECKED -	XXX	REVISED -	
		DATE -	2022-09-27	REVISED -	

CITY OF TROY - MARKET ST. STREETScape - PHASE 1

SUMMARY OF QUANTITIES

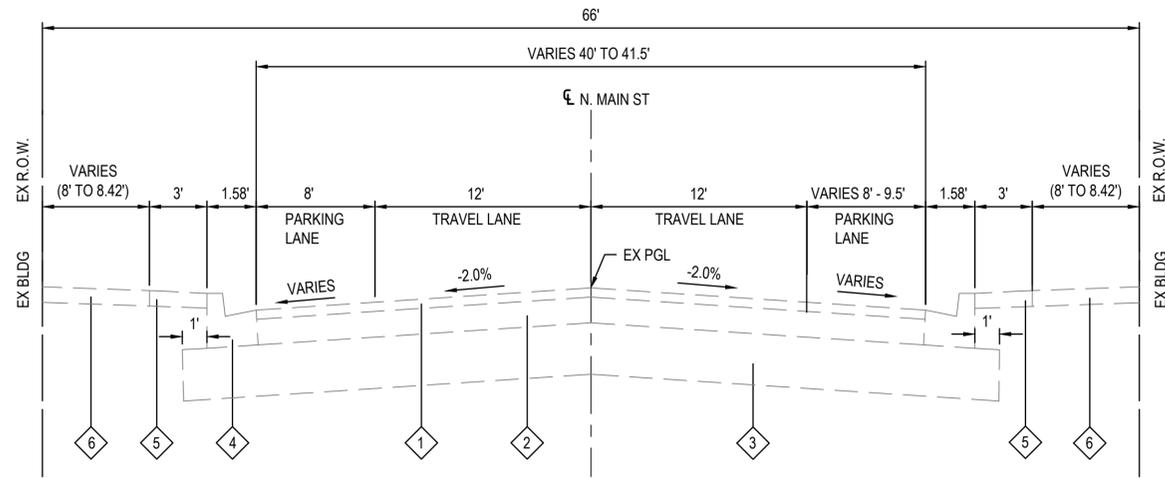
SCALE: SHEET NO. 2 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		MADISON	31	4
MARKET ST. STREETScape - PHASE 1				
CITY OF TROY		ILLINOIS	LOCAL	

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	AT CADD	
	FILE NAME	
NOTE BOOK NO.		

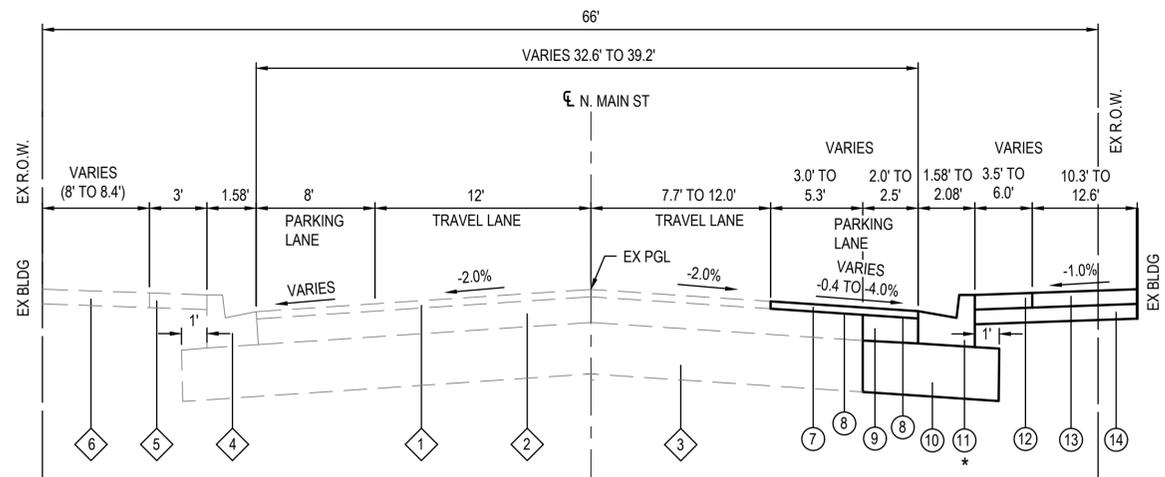
PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
	STRUCTURE NOTATIONS CHKD	
NOTE BOOK NO.		

223007.003 - COVER SHEET - GENERAL NOTES  
(ROAD).DWG



**EXISTING N. MAIN STREET**

STA. 107+83.50 TO STA. 109+10.93



**IMPROVEMENTS N. MAIN STREET**

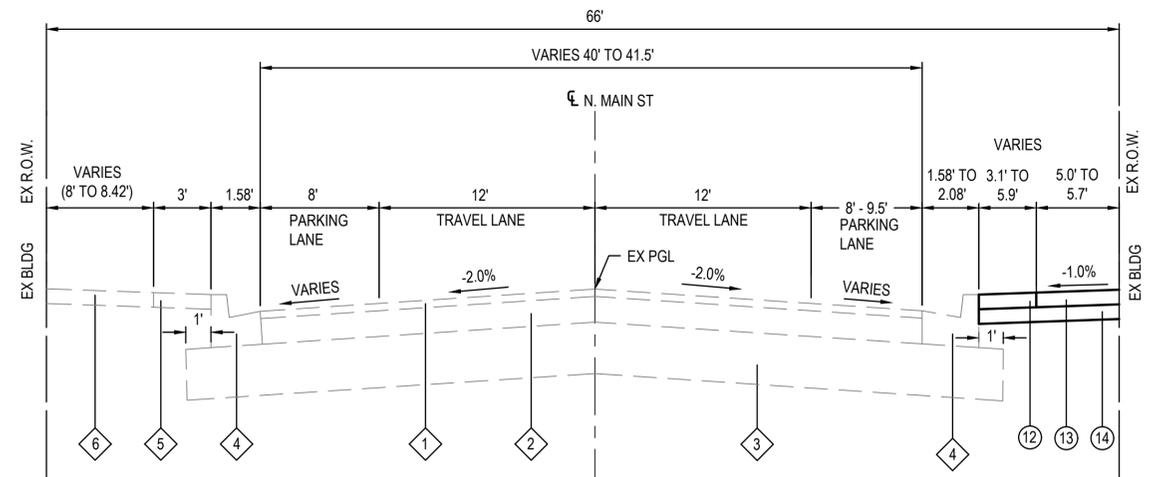
STA. 107+83.50 TO STA. 108+88.24  
\*12" GUTTER FROM 108+33.71 TO 108+88.24

**TYPICAL SECTION LEGEND**

- 1 EXISTING HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70, 2"
- 2 EXISTING HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 6"
- 3 EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 12"
- 4 EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- 5 EXISTING PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH, SPECIAL
- 6 EXISTING PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH
- 7 PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70, 2"
- 8 PROPOSED BITUMINOUS MATERIALS (TACK COAT) @ 0.05 LB/SQ FT
- 9 PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 6"
- 10 PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B 12"
- 11 PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (\* TYPE B-6.12)
- 12 PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH, SPECIAL
- 13 PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH
- 14 PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B 4"

LOCATION	SURFACE COURSE	BINDER COURSE
MIXTURE USE	HMA SURFACING	BINDER
THICKNESS	2"	6"
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)	5%	5%
DESIGN AIR VOIDS	4.0% @ NDES = 70	4.0% @ NDES = 70
MIX COMPOSITION	IL-9.5	IL-19.0
FRICTION AGG	MIXTURE "C"	MIXTURE "C"
MIXTURE WEIGHT	112.0 LB/SQ YD/IN	112.0 LB/SQ YD/IN
QMP	QC/QA	QC/QA
SUBLOT SIZE	N/A	N/A
MTD	N/A	N/A

**HMA MIXTURES TABLE**



**IMPROVEMENTS N. MAIN STREET**

STA. 108+88.24 TO STA. 109+10.93

03/27/2024 - FINAL PLANS



USER NAME =	EDUARDO HERRERA	DESIGNED -	EJS	REVISED -	
PLOT SCALE =	1" = 1'	DRAWN -	XXX	REVISED -	
PLOT DATE =	2022-09-27	CHECKED -	XXX	REVISED -	
		DATE -	2022-09-27	REVISED -	

**CITY OF TROY - MARKET ST. STREETSCAPE - PHASE 1**

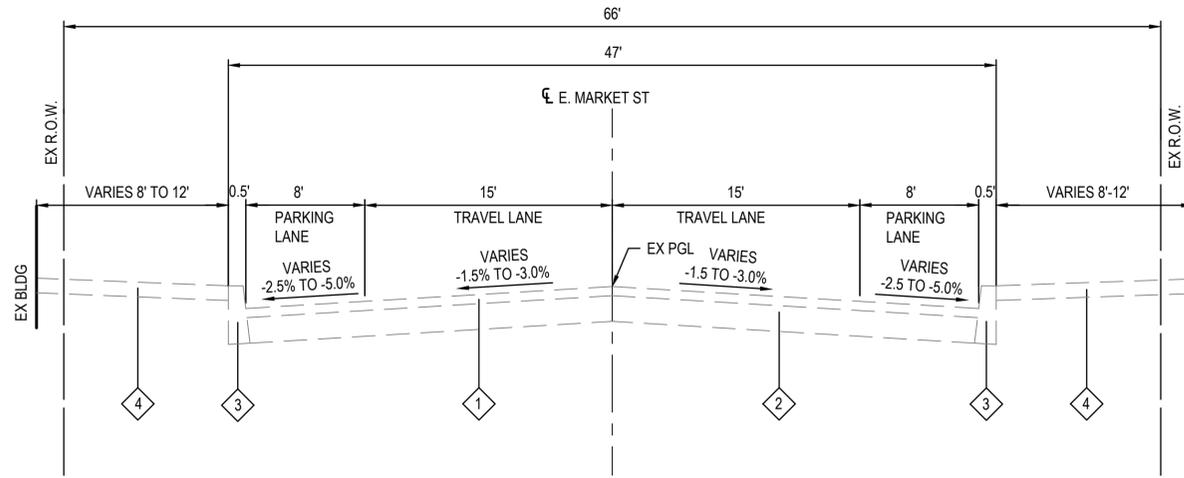
TYPICAL SECTIONS	
SCALE:	SHEET NO. 1 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		MADISON	31	5
MARKET ST. STREETSCAPE - PHASE 1				
CITY OF TROY		ILLINOIS		LOCAL

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHKD		
	NOTE BOOK NO.		
	CADD FILE NAME		

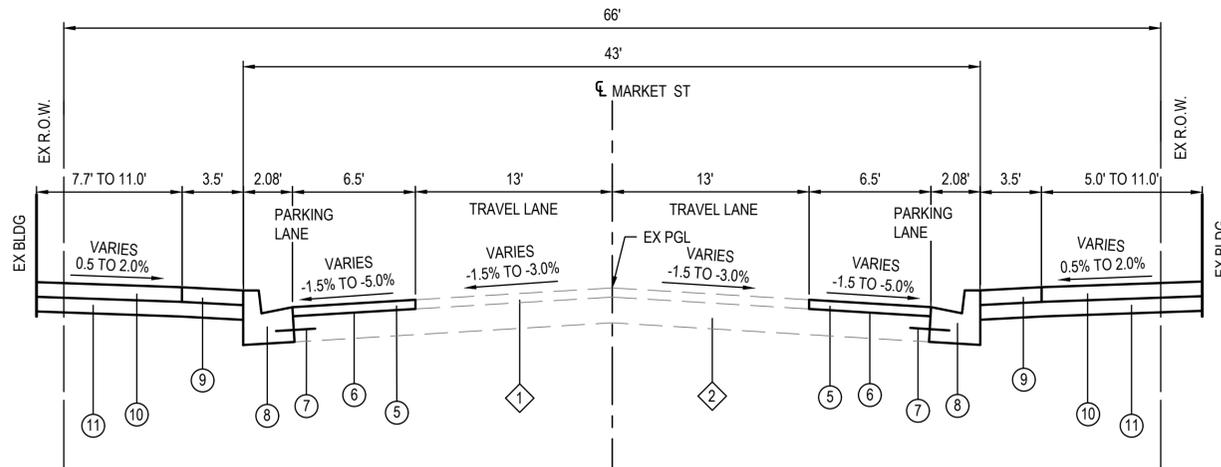
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHKD		
	NOTE BOOK NO.		
	CADD FILE NAME		

FILE NAME = 223007.003 - COVER SHEET - GENERAL NOTES (ROAD).DWG



**EXISTING E. MARKET STREET**

STA 586+52.21 TO STA 590+86.35



**IMPROVEMENTS E. MARKET STREET**

STA 586+59.78 TO STA 590+86.35

**TYPICAL SECTION LEGEND**

- ① EXISTING HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70, 2 INCH
- ② EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 6 INCH
- ③ EXISTING CONCRETE CURB, TYPE B
- ④ EXISTING PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH
- ⑤ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70, 2 INCH
- ⑥ PROPOSED BITUMINOUS MATERIALS (TACK COAT) @ 0.05 LB/SQ FT
- ⑦ PROPOSED TIE BAR ACCORDING TO IDOT STANDARD 606001-08, (INCLUDED IN COST OF COMB CC&G TB-6.18)
- ⑧ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑨ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH, SPECIAL
- ⑩ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH
- ⑪ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B 4"

LOCATION	SURFACE COURSE
MIXTURE USE	HMA SURFACING
THICKNESS	2"
AC/PG	PG 64-22
RAP % (MAX)	5%
DESIGN AIR VOIDS	4.0% @ NDES = 70
MIX COMPOSITION	IL-9.5
FRICTION AGG	MIXTURE "C"
MIXTURE WEIGHT	112.0 LB/SQ YD/IN
QMP	QC/QA
SUBLOT SIZE	N/A
MTD	N/A

**HMA MIXTURES TABLE**

03/27/2024 - FINAL PLANS



USER NAME =	EDUARDO HERRERA	DESIGNED -	EJS	REVISED -	
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		DATE -	2022-09-27	REVISED -	

CITY OF TROY - MARKET ST. STREETScape - PHASE 1

TYPICAL SECTIONS	
SCALE:	SHEET NO. 2 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		MADISON	31	6
MARKET ST. STREETScape - PHASE 1				
CITY OF TROY	ILLINOIS	LOCAL		

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	GRADES CHECKED		
	AT CONSTRUCTION		
	STRUCTURE NOTATIONS CHKD		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	GRADES CHECKED		
	AT CONSTRUCTION		
	STRUCTURE NOTATIONS CHKD		

FILE NAME = 223007.003 - COVER SHEET - GENERAL NOTES (ROAD).DWG

### ENTRANCE

STATION (NOTE 1)	OFFSET	ENTRANCE TYPE	ENTRANCE WIDTH "W" (FOOT)	ENTRANCE DEPTH "D" (FOOT)	EXISTING SURFACE TYPE	PCC DIVEWAY PAVT 8 (NOTE 1) (SQ YD)	DRIVE PAVEMENT REM (SQ YD)
<b>E. MARKET ST</b>							
588+25	LT	CE	27	5	CONC	15	35
588+86	LT	CE	20	4	CONC	10	4
588+82	RT	CE	29	13.5	ASPH	46	43
590+36	LT	CE	25	15	CONC	44	45
<b>TOTAL</b>						<b>114</b>	<b>127</b>

**ENTRANCE NOTES:**

1. THE COST OF DEPRESSED CURB AND GUTTER THROUGH ENTRANCES SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE. THE QUANTITY IS INCLUDED AS COMBINAITON CONCRETE CURB AND GUTTER, TYPE B-6.18 FOR INFORMATION ONLY.

### CURB & GUTTER

STATION	STATION	OFFSET	CURB REM (FOOT)	COMB CURB GUTTER REM (FOOT)	COMB CC&G TB6.12 (FOOT)	COMB CC&G TB6.18 (FOOT)	CONC CURB TB (FOOT)
<b>N. MAIN ST</b>							
107+81.47	109+10.93	RT	62	114	74	53	24
<b>E. MARKET ST</b>							
586+59.78	588+90	LT	170		260		35
586+73.07	588+90	RT	207		204		
588+90	590+94.13	LT	124	106		275	21
588+90	590+86.35	RT	153	22		203	
<b>TOTAL</b>			<b>716</b>	<b>242</b>	<b>74</b>	<b>995</b>	<b>80</b>

### PAVEMENT

STATION	STATION	OFFSET	SUB GRAN MAT B 12 (SQ YD)	HMA BC IL-9.5 N70 (TON)	HMA SC IL-9.5 C N70 (NOTE 1 & 2) (TON)	BIT MATLS TACK CT (NOTE 1) (POUND)	PAVEMENT REM (SQ YD)	HMA SUF REM 2 (SQ YD)	HES PCC PVT 10 S & C (SQ YD)	PCC PVT 10 (SQ YD)
<b>N. MAIN ST</b>										
107+81.47	109+10.93	RT	61	9	9	24	66	54		
<b>E. MARKET ST</b>										
586+59.78	588+90	LT	10		18	71	137	157	10	
586+68.33	588+90	RT	15		17	68	104	150	15	
588+90	590+97.65	LT			16	65	112	146		7
588+90	590+86.35	RT			16	64	99	142		1
<b>TOTAL</b>			<b>86</b>	<b>9</b>	<b>76</b>	<b>291</b>	<b>518</b>	<b>649</b>	<b>25</b>	<b>8</b>

**PAVEMENT NOTES:**

1. APPLICATION RATES USED FOR QUANTITY ESTIMATES ARE AS FOLLOWS:  
HOT-MIX ASPHALT: 112 LBS/SY/INCH THICKNESS  
BITUMINOUS MATERIALS TACK COAT: 0.05 LBS/SQFT
2. THE PROPOSED SURFACE COURSE SHALL BE 2 IN. THICK.

### EROSION CONTROL

STATION	OFFSET	INLET & PIPE PROTECTION (EACH)
<b>E. MARKET ST</b>		
590+81	25' LT	1
590+91	36' LT	1
<b>TOTAL</b>		<b>2</b>

### TREE SCHEDULE

STATION	OFFSET	T-GINKGO BILOBA 2 (EACH)	T-GLEDIT TRI IN 2 (EACH)	TREE FRAME AND GRATE (EACH)
<b>N. MAIN ST</b>				
108+55.41	RT	1		1
<b>E. MARKET ST</b>				
587+37.58	LT	1		1
587+37.58	RT	1		1
587+87.57	RT		1	1
588+37.57	RT		1	1
589+19.04	RT		1	1
589+41.54	LT		1	1
589+87.57	LT		1	1
589+85.46	RT	1		1
590+37.57	RT	1		1
<b>TOTAL</b>		<b>5</b>	<b>5</b>	<b>10</b>

03/27/2024 - FINAL PLANS



USER NAME =	EDUARDO HERRERA	DESIGNED -	EJS	REVISED -	
PLOT SCALE =	1' = 1'	DRAWN -	XXX	REVISED -	
PLOT DATE =	2022-09-27	CHECKED -	XXX	REVISED -	
		DATE -	2022-09-27	REVISED -	

CITY OF TROY - MARKET ST.  
STREETSCAPE - PHASE 1

SCHEDULES

SCALE: SHEET NO. 1 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		MADISON	31	7
MARKET ST. STREETSCAPE - PHASE 1				
CITY OF TROY	ILLINOIS	LOCAL		

**SIDEWALK**

STATION	STATION	OFFSET	SUB GRAN MAT B 4 (SQ YD)	PC CONC SIDEWALK 4 (SQ FT)	PC CONC SIDEWALK 4 SP (SQ FT)	DETECTABLE WARNINGS (SQ FT)	SIDEWALK REM (SQ FT)
<b>N. MAIN ST</b>							
107+83.50	109+10.93	RT	175	1,101	471		613
<b>E. MARKET ST</b>							
586+00	586+14	RT	4		38		38
586+59.78	588+90	LT	285	2,088	476	98	1,506
586+73.07	588+90	RT	235	1,588	523	38	1,876
588+90	590+94.13	LT	224	1,508	505	67	1,602
588+90	590+86.35	RT	239	1,629	523	26	1,771
<b>TOTAL</b>			<b>1,161</b>	<b>7,914</b>	<b>2,536</b>	<b>229</b>	<b>7,406</b>

**SIDEWALK NOTES:**

- SEE CONSTRUCTION DETAILS SHEET AND HIGHWAY STANDARD 424001, 424021, 424026 FOR CURB RAMP DETAILS.

**PAVEMENT MARKING**

STATION	STATION	OFFSET	NOTE	PAINT CURB (FOOT)	THPL PVT MK LINE 4 (YELLOW) (NOTE 1) (FOOT)	THPL PVT MK LINE 4 (WHITE) (NOTE 1) (FOOT)	THPL PVT MK LINE 12 (WHITE) (NOTE 1) (FOOT)	THPL PVT MK LINE 24 (WHITE) (NOTE 1) (FOOT)	THPL PVT MK LTR & SYM (WHITE) (NOTE 1) (SQ FT)	PAVMT MRKG REM WTR BL (SQ FT)
<b>N. MAIN STREET</b>										
108+33.70	108+73.70	RT	PARKING STALL					63		
109+05.07	109+27.39	RT	PARKING STALL							13
<b>E. MARKET STREET</b>										
585+07.68	585+37.55	RT	PARKING STALL				39			
586+09.14	586+09.14	RT	STOP BAR						23	
586+52.21	590+95.62	CL	10' DASH, 30' SKIP		227					
586+60.03	586+88.82	LT	X-WALK & STOP BAR				23	20		
586+87.50	587+03.44	LT	PAINT CURB	16						
586+68.36	586+81.91	RT	X-WALK & PAINT CURB	10			31			
586+81.90	587+03.07	RT	PAINT CURB	21						
587+03.07	588+31.07	RT	PARKING STALL			184				
588+31.07	588+60.41	RT	PAINT CURB	30						
587+03.44	587+87.50	LT	PARKING STALL			124			3.1	
587+87.50	588+06.90	LT	PAINT CURB	20						
588+43.14	588+71.09	LT	PAINT CURB	28						
588+67.66	588+94.62	RT	X-WALK & STOP BAR					69		
588+77.37	588+93.79	LT	X-WALK & STOP BAR					40		
589+05.70	590+11.70	LT	PARKING STALL			154				
589+01	289+24.76	RT	PAINT CURB	24						
589+24.75	590+52.75	RT	PARKING STALL			184			3.1	
590+52.75	590+79.29	RT	PAINT CURB	27						
590+54.37	590+72.61	LT	PAINT CURB	19						
591+27.85	591+34.95	RT	X-WALK				22			
591+52.46	591+85.89	RT	PARKING STALL			54				
<b>TOTAL</b>				<b>195</b>	<b>227</b>	<b>802</b>	<b>76</b>	<b>152</b>	<b>6.2</b>	<b>13</b>

**PAVEMENT MARKING NOTES:**

- SEE HIGHWAY STANDARD 780001 FOR PAVEMENT MARKING DETAILS.

**SIGN**

NO. ON SIGN PLAN	STATION	OFFSET	TYPE	DESCRIPTION	COLORS	SIZE (FT X FT)	SIGN PANEL T1 (SQ FT)	METAL POST SPECIAL (EACH)	REMOV SIN PAN ASSY T1 (EACH)	RELOC SIN PAN ASSY T1 (EACH)	TELES STL SIN SUPPORT (FOOT)	NOTES
<b>E. MARKET ST</b>												
1	586+07	23' RT	R1-0	STOP	RED w/ WHITE	2.5 X 2.4			1	1		SEE NOTE 2
2	586+89	23' LT	R1-1	STOP	RED w/ WHITE	2.5 X 2.5				1		
	586+89	23' LT	R1-3P	ALL WAY	RED w/ WHITE	1.5 X 0.5						
	586+89	23' LT	D3-1	STREET NAME	GREEN w/ WHITE	2.2 X 0.67						"N. MAIN ST"
	586+89	23' LT	D3-1	STREET NAME	GREEN w/ WHITE	2.2 X 0.67						"S. MAIN ST"
	586+89	23' LT	D3-1	STREET NAME	GREEN w/ WHITE	2.2 X 0.67						"E. MARKET ST"
3	587+03	23' RT	SPECIAL	TWO HOUR PARKING	GREEN w/ WHITE	1 X 1.5	1.5	1				FACE WEST
4	587+03	23' LT	R7-9	RESERVED PARKING	GREEN w/ WHITE	1 X 1.5	1.5	1				FACE SOUTH
	587+03	23' LT	SPECIAL	TWO HOUR PARKING	GREEN w/ WHITE	1 X 1.5	1.5					FACE EAST
	588+20	23' RT		NO U TURN					1			
5	588+69	39' LT	R5-1A	WRONG WAY	RED w/ WHITE	3 X 2	6	1				
	588+69	39' LT	D3-1	STREET NAME	GREEN w/ WHITE	2.2 X 0.67	1.5					"E. MARKET ST"
	588+69	39' LT	D3-1	STREET NAME	GREEN w/ WHITE	2.2 X 0.67	1.5					"N. KIMBERLIN ST"
6	589+00	38' RT	R1-1	STOP	RED w/ WHITE	2.5 X 2.5	6.25	1	1			
	589+00	38' RT	D3-1	STREET NAME	GREEN w/ WHITE	2.2 X 0.67	1.5					"S. KIMBERLIN ST"
	589+00	38' RT	D3-1	STREET NAME	GREEN w/ WHITE	2.2 X 0.67	1.5					"E. MARKET ST"
7	589+25	23' RT	R7-9	RESERVED PARKING	GREEN w/ WHITE	1 X 1.5	1.5	1				FACE NORTH
	589+25	23' RT	SPECIAL	TWO HOUR PARKING	GREEN w/ WHITE	1 X 1.5	1.5					FACE WEST
8	589+95	33' LT	SPECIAL	ACCESSIBLE ROUTE W/ ARROW	BLUE W/ WHITE	1 X 1.5	1.5		1		13	
	589+96	33' LT		NO U TURN					1			
9	590+67	23' RT	W11-2	PEDESTRIAN CROSSING	FLUORESCENT YELLOW-GREEN	2.5 X 2.5	6.25	1				
10	590+89	40' LT	R1-1	STOP	RED w/ WHITE	2.5 X 2.5	6.25	1	1			
	590+89	40' LT	D3-1	STREET NAME	GREEN w/ WHITE	2.2 X 0.67	1.5					"STAUNTON RD "
<b>TOTAL:</b>							<b>41.2</b>	<b>7</b>	<b>6</b>	<b>2</b>	<b>13</b>	

**SIGN AND POST NOTES:**

- EXISTING SIGNS THAT ARE REMOVED SHALL BE THE PROPERTY OF THE CITY OF TROY. METAL SIGN POSTS SHALL BE FACTORY FINISHED IN BLACK. TRAFFIC SIGNS MOUNTED TO DECORATIVE METAL POSTS SHALL HAVE THE REVERSE SIDE FACTORY FINISHED IN BLACK. ALL STREET SIGNS ARE DOUBLE FACED. SHAPE SHALL CONFORM TO DECORATIVE METAL POST MANUFACTURER STREET SIGN FRAMES.
- CITY OF TROY HAS THE METAL POST WITH THE STOP SIGN AND STREET SIGNS THAT WILL BE NEEDED FOR THIS LOCATION THE "N MAIN ST" SIGN WILL NEED TO BE REPLACED WITH NEW AND SHALL BE INCLUDED IN THE RELOCATION COST

**SEEDING**

STATION	STATION	OFFSET	SEEDING CL 1A (SQ FT)	MULCH METHOD 1 (NOTE 1 & 2) (POUND)	NITROGEN FERT NUTR (NOTE 1 & 3) (POUND)
588+49	588+67	RT	72.00	2.88	0.4
588+99	589+48	RT	197.00	7.88	1.2
589+35	589+98	LT	255.00	10.20	1.5
590+73	590+78	LT	54.00	2.16	0.3
<b>TOTAL</b>			<b>578.00</b>	<b>23.12</b>	<b>3.5</b>

**SEEDING NOTES:**

- FERTILIZER AND MULCH QUANTITIES ARE SHOWN FOR INFORMATION ONLY. THE COST OF MULCH SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR SEEDING.
- MULCH CALCULATED AT A RATE OF 40 LBS/1,000 SQ FT
- FERTILIZER CALCULATED AT A RATE OF 6 LBS/1,000 SQ FT

03/27/2024 - FINAL PLANS

DATE	BY	SURVEYED	PLANNED	NOTED

DATE	BY	SURVEYED	PLANNED	NOTED

223007.003 - COVER SHEET - GENERAL NOTES (ROAD).DWG



USER NAME =	EDUARDO HERRERA	DESIGNED -	EJS	REVISED -	
PLOT SCALE =	1' = 1'	DRAWN -	XXX	REVISED -	
PLOT DATE =	2022-09-27	CHECKED -	XXX	REVISED -	
		DATE =	2022-09-27	REVISED -	

CITY OF TROY - MARKET ST.  
STREETSCAPE - PHASE 1

SCHEDULES

SCALE: SHEET NO. 2 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		MADISON	31	8
MARKET ST. STREETSCAPE - PHASE 1				
CITY OF TROY		ILLINOIS	LOCAL	

**LEGEND**

-  PR HOT-MIX ASPHALT SURFACE COURSE, 2"
-  PR HOT-MIX ASPHALT BINDER COURSE, 6"  
PR HOT-MIX ASPHALT SURFACE COURSE, 2"
-  PR HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT, 10", STAMPED & COLORED
-  PR PORTLAND CEMENT CONCRETE SIDEWALK, 4"
-  PR PORTLAND CEMENT CONCRETE SIDEWALK, 4", SPECIAL
-  PR PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH
-  PR PORTLAND CEMENT CONCRETE PAVEMENT 10"

**KEYED NOTES**

- 1 PR ACCESSIBLE PARKING STALL
- 2 PR SIGN PANEL - TYPE 1 ATTACHED TO METAL POST, SPECIAL
- 3 PR CONCRETE CURB, TYPE B
- 4 PR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- 5 PR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- 6 PR TREE FRAME AND GRATE
- 7 PR PAVEMENT MARKING LINE
- 8 PR ORNAMENTAL LIGHT UNIT COMPLETE SPECIAL (FIXTURE TYPE SB)
- 9 PR METAL BACKLESS BENCH

**SITE BENCHMARK "C"**

ELEVATION 554.73  
R.R. SPIKE IN PP, SOUTHWEST CORNER OF MARKET ST. AND HICKORY ST.

**SITE BENCHMARK "D"**

ELEVATION 552.02  
R.R. SPIKE IN PP NORTH OF WEBSTER ST.

**CONTROL POINT 1**

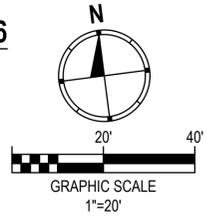
CHISELED "X"  
N: 751401.6286'  
E: 2377458.3935'  
STA: 110+49  
OFFSET: 30.03' LT

**CONTROL POINT 2**

CHISELED "X"  
N: 751073.2523'  
E: 2377406.5918'  
STA: 586+18  
OFFSET: 30.23' RT

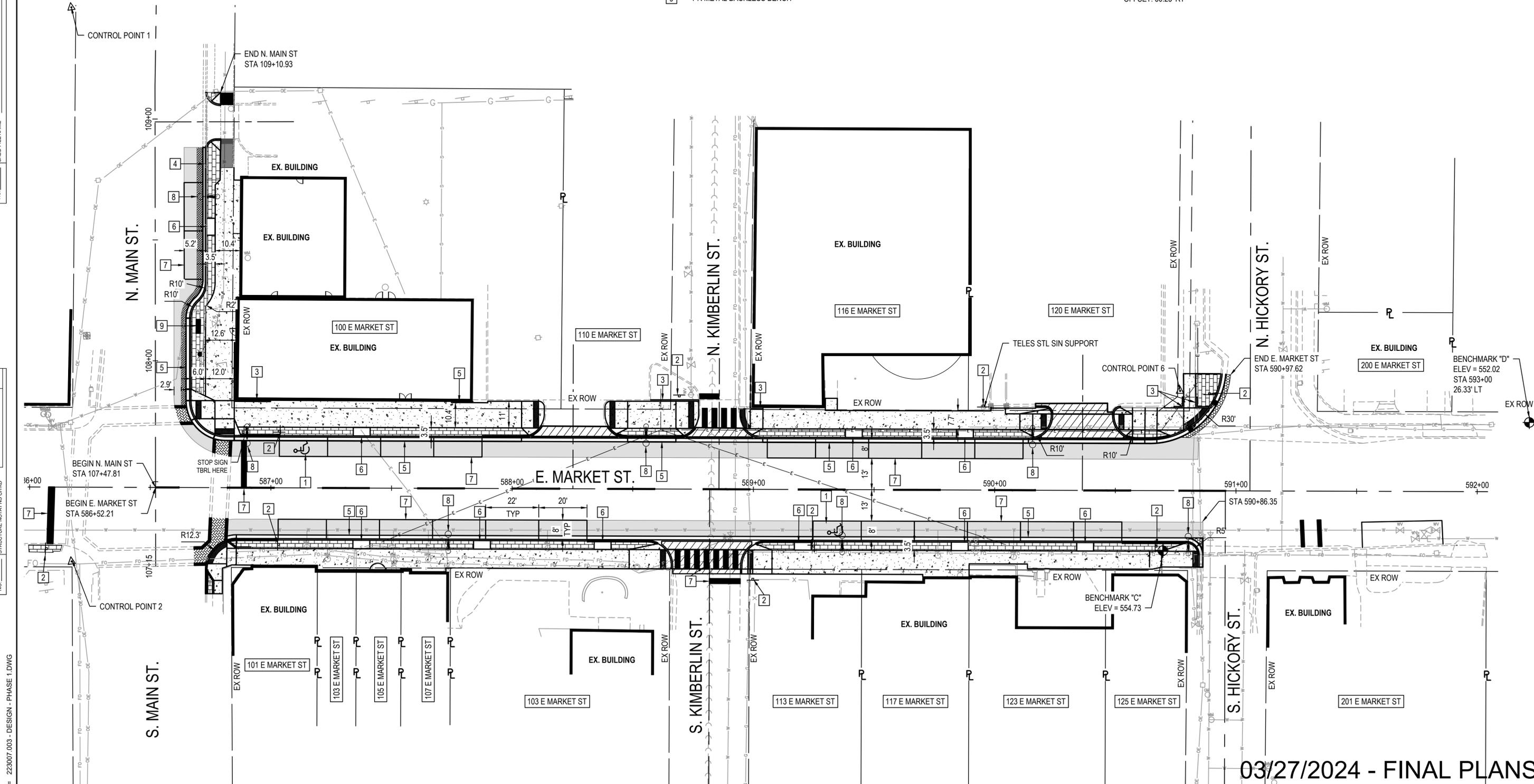
**CONTROL POINT 6**

IRON BAR WITH CAP  
N: 751078.0511  
E: 2377869.9047  
STA: 590+77  
OFFSET: 41.32' LT



PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	BY	
	NO.	



FILE NAME = 223007.003 - DESIGN - PHASE 1.DWG

03/27/2024 - FINAL PLANS



USER NAME =	EDUARDO HERRERA	DESIGNED -	EJS	REVISED -	
PLOT SCALE =	1" = 1'	DRAWN -	XXX	REVISED -	
PLOT DATE =	2022-09-27	CHECKED -	XXX	REVISED -	
		DATE -	2022-09-27	REVISED -	

**CITY OF TROY - MARKET ST. STREETScape - PHASE 1**

**OVERALL SITE PLAN SHEET**

SCALE: 1" = 20' SHEET NO. 1 OF 1 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		MADISON	31	9
MARKET ST. STREETScape - PHASE 1				
CITY OF TROY	ILLINOIS	LOCAL		

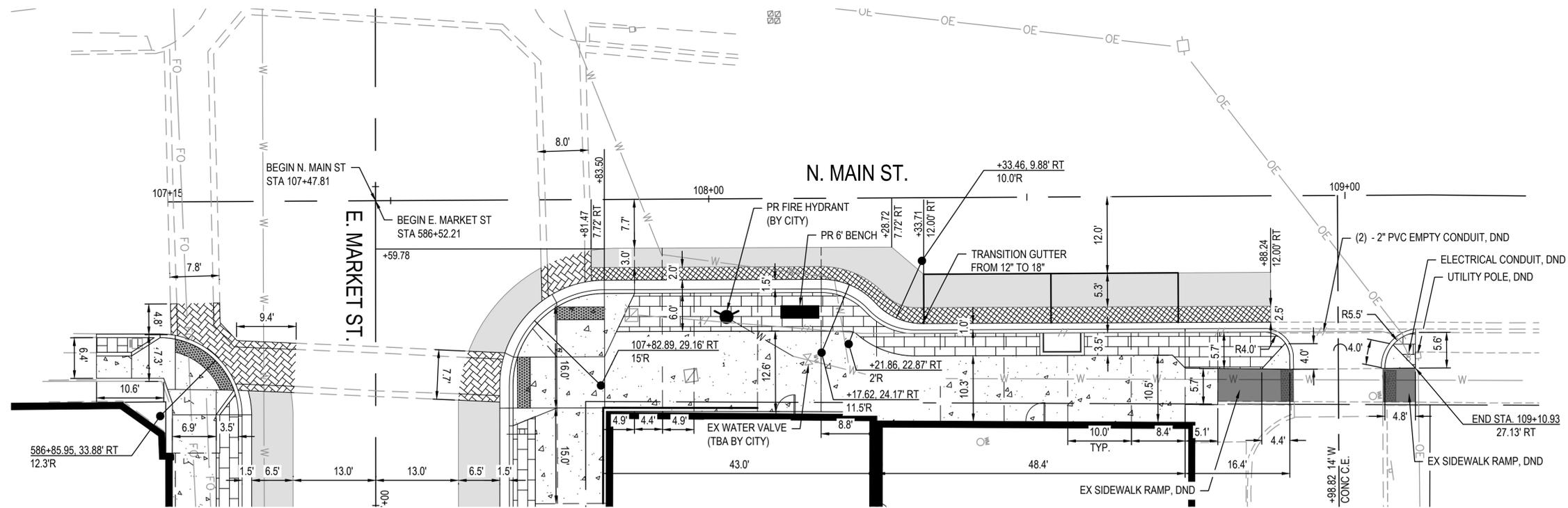
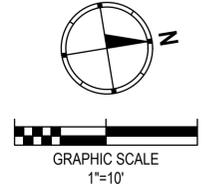
PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	

FILE NAME = 223007.003 - DESIGN - PHASE 1.DWG

**LEGEND**

-  PR HOT-MIX ASPHALT SURFACE COURSE, 2"
-  PR HOT-MIX ASPHALT BINDER COURSE, 6"  
PR HOT-MIX ASPHALT SURFACE COURSE, 2"
-  PR HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT, 10", STAMPED & COLORED (SEE DETAIL)
-  PR PORTLAND CEMENT CONCRETE SIDEWALK, 4"
-  PR PORTLAND CEMENT CONCRETE SIDEWALK, 4", SPECIAL



03/27/2024 - FINAL PLANS



USER NAME =	EDUARDO HERRERA	DESIGNED -	EJS	REVISED -	
PLOT SCALE =	1" = 1'	DRAWN -	XXX	REVISED -	
PLOT DATE =	2022-09-27	CHECKED -	XXX	REVISED -	
		DATE -	2022-09-27	REVISED -	

**CITY OF TROY - MARKET ST. STREETSCAPE - PHASE 1**

<b>N. MAIN STREET SIDEWALK PLAN</b>	
SCALE:	SHEET NO. 1 OF 1 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		MADISON	31	10
MARKET ST. STREETSCAPE - PHASE 1				
CITY OF TROY	ILLINOIS	LOCAL		

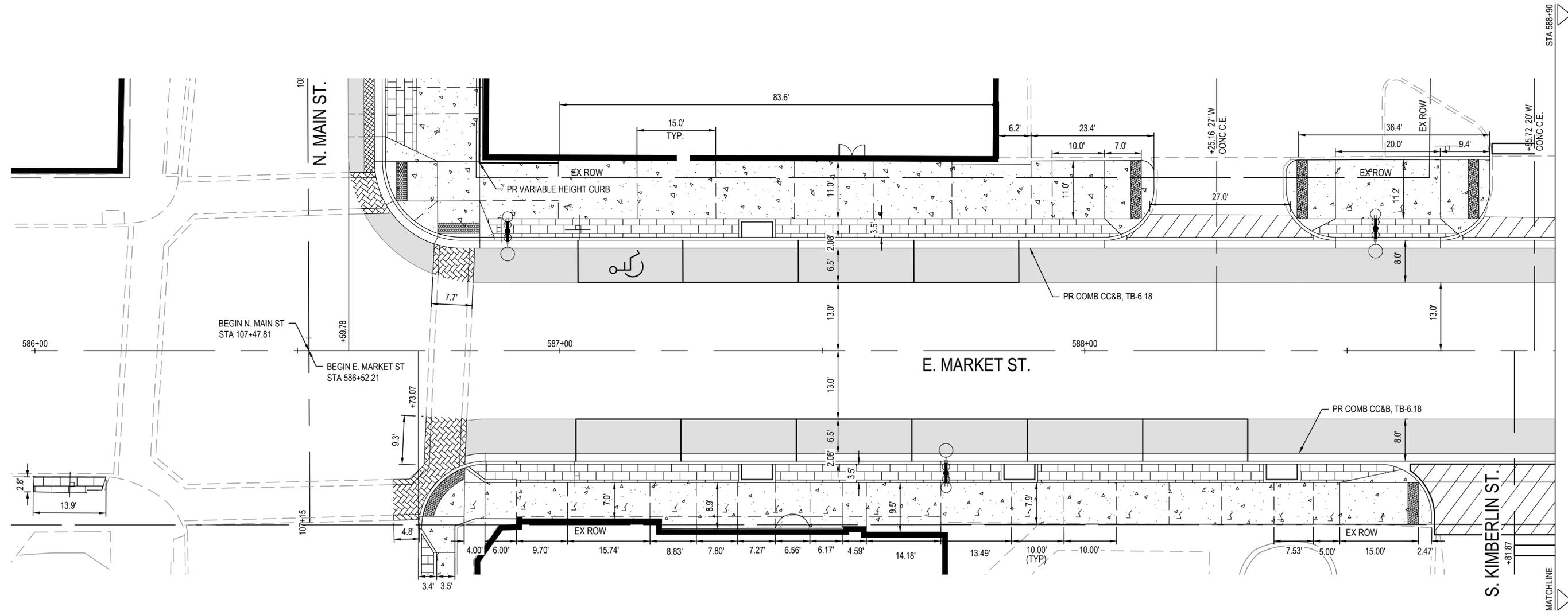
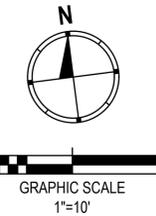
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NOTE BOOK NO.	PLOTTED	BY
	CHECKED	
	AT CADD	
	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	BY
	STRUCTURE NOTATIONS CHKD	

FILE NAME = 223007.003 - DESIGN - PHASE 1.DWG

**LEGEND**

-  PR HOT-MIX ASPHALT SURFACE COURSE, 2"
-  PR HOT-MIX ASPHALT BINDER COURSE, 6"  
PR HOT-MIX ASPHALT SURFACE COURSE, 2"
-  PR HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT, 10", STAMPED & COLORED (SEE DETAIL)
-  PR PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8"
-  PR PORTLAND CEMENT CONCRETE SIDEWALK, 4"
-  PR PORTLAND CEMENT CONCRETE SIDEWALK, 4", SPECIAL



03/27/2024 - FINAL PLANS



USER NAME =	EDUARDO HERRERA	DESIGNED -	EJS	REVISED -	
PLOT SCALE =	1" = 1'	DRAWN -	XXX	REVISED -	
PLOT DATE =	2022-09-27	CHECKED -	XXX	REVISED -	
		DATE -	2022-09-27	REVISED -	

**CITY OF TROY - MARKET ST. STREETSCAPE - PHASE 1**

<b>E. MARKET ST SIDEWALK PLAN</b>	
SCALE:	SHEET NO. 1 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		MADISON	31	11
MARKET ST. STREETSCAPE - PHASE 1				
CITY OF TROY	ILLINOIS	LOCAL		

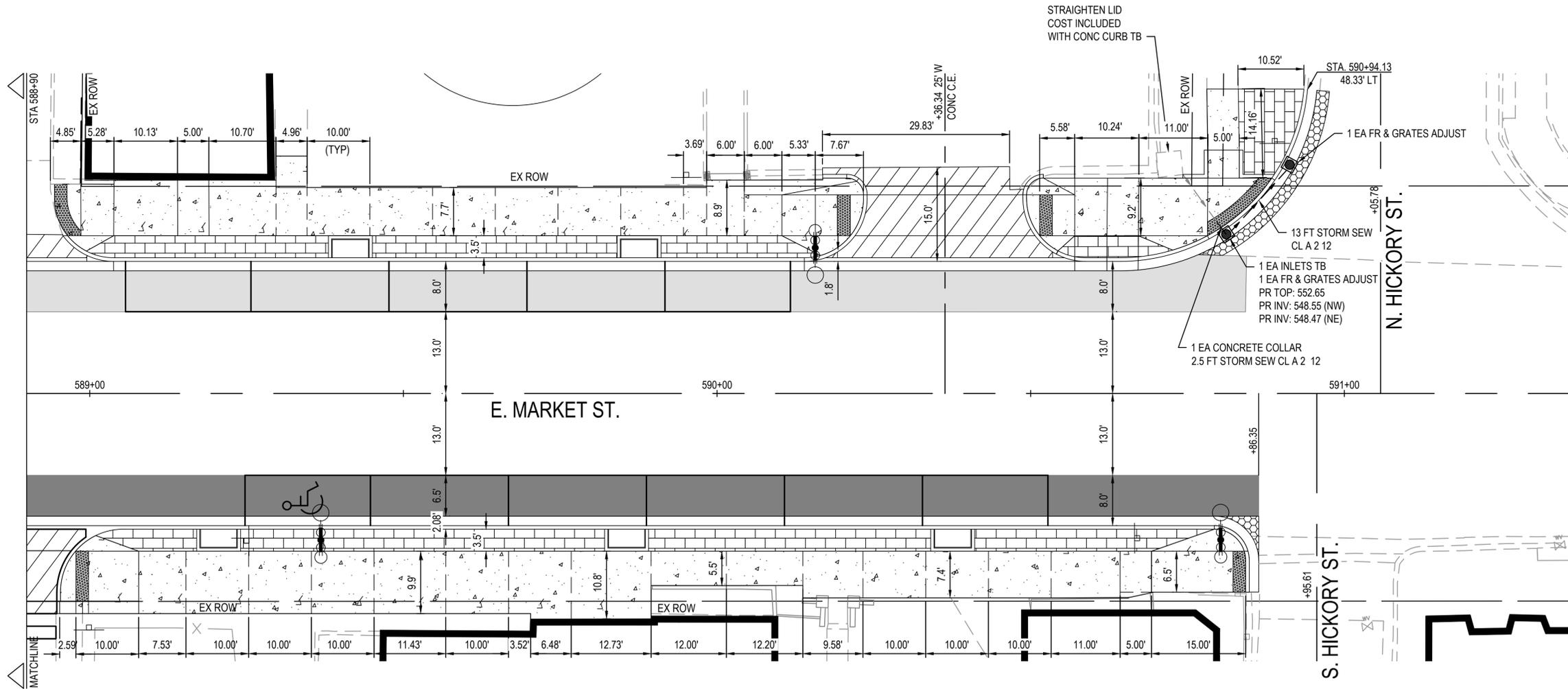
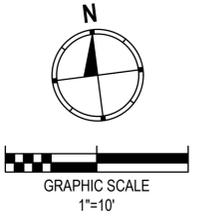
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	PLOTTED		
	CHECKED		
	AT CADD		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	STRUCTURE		
	NOTATIONS		
	CHKD		
	NO.		

FILE NAME = 223007.003 - DESIGN - PHASE 1.DWG

**LEGEND**

-  PR HOT-MIX ASPHALT SURFACE COURSE, 2"
-  PR PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH
-  PR PORTLAND CEMENT CONCRETE PAVEMENT 10"
-  PR PORTLAND CEMENT CONCRETE SIDEWALK, 4"
-  PR PORTLAND CEMENT CONCRETE SIDEWALK, 4", SPECIAL



03/27/2024 - FINAL PLANS

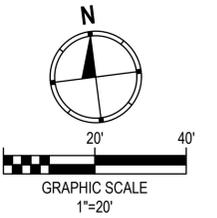


USER NAME =	EDUARDO HERRERA	DESIGNED -	EJS	REVISED -	
PLOT SCALE =	1" = 1'	DRAWN -	XXX	REVISED -	
PLOT DATE =	2022-09-27	CHECKED -	XXX	REVISED -	
		DATE -	2022-09-27	REVISED -	

**CITY OF TROY - MARKET ST. STREETScape - PHASE 1**

E. MARKET ST SIDEWALK PLAN	
SCALE:	SHEET NO. 2 OF 2 SHEETS

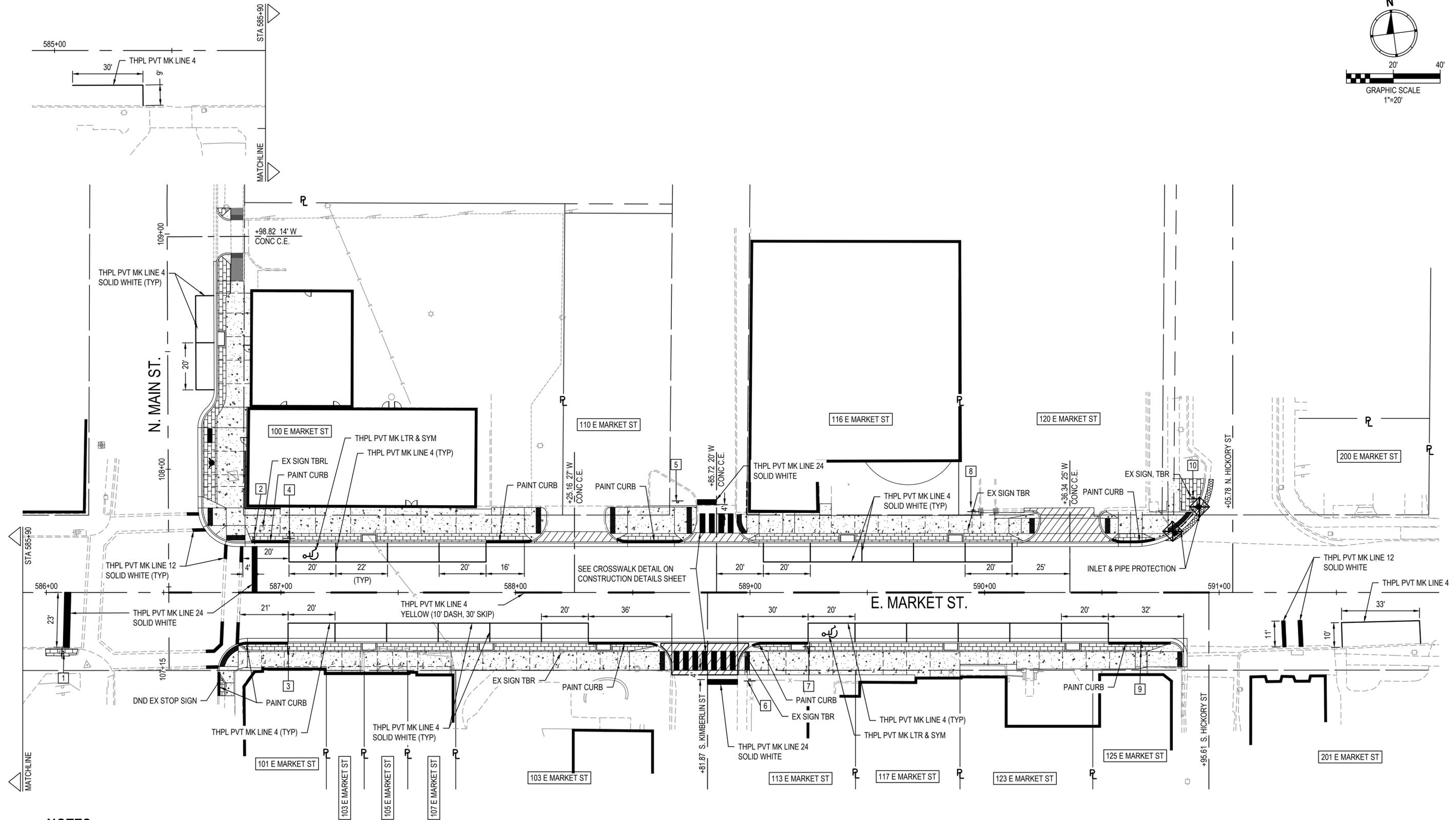
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		MADISON	31	12
MARKET ST. STREETScape - PHASE 1				
CITY OF TROY	ILLINOIS	LOCAL		



PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

FILE NAME = 223007.003 - DESIGN - PHASE 1.DWG



**NOTES:**

- NUMBERS CORRESPOND TO NUMBERS ON SIGN AND POST SCHEDULE, SEE SCHEDULE FOR MORE INFORMATION.
- PROPOSED SIGN LOCATIONS ARE APPROXIMATE. LOCATIONS MAY BE MOVED SLIGHTLY WITH APPROVAL FROM THE ENGINEER TO AVOID CONFLICTS WITH OTHER PHYSICAL FEATURES.

**03/27/2024 - FINAL PLANS**



USER NAME =	EDUARDO HERRERA	DESIGNED -	EJS	REVISED -	
PLOT SCALE =	1" = 1'	DRAWN -	XXX	REVISED -	
PLOT DATE =	2022-09-27	CHECKED -	XXX	REVISED -	
		DATE -	2022-09-27	REVISED -	

**CITY OF TROY - MARKET ST. STREETSCAPE - PHASE 1**

**EROSION CONTROL, SIGNING, AND PAVEMENT MARKING PLAN**

SCALE: SHEET NO. 1 OF 1 SHEETS

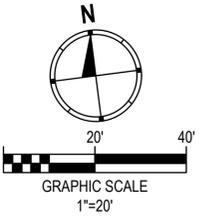
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		MADISON	31	13
MARKET ST. STREETSCAPE - PHASE 1				
CITY OF TROY	ILLINOIS	LOCAL		

**KEYED NOTES**

- 1 UTILITY POLE, TBR BY OTHERS
- 2 WATER VALVE, ATG
- 3 HYDRANT, UIP
- 4 WATER METER, ATG

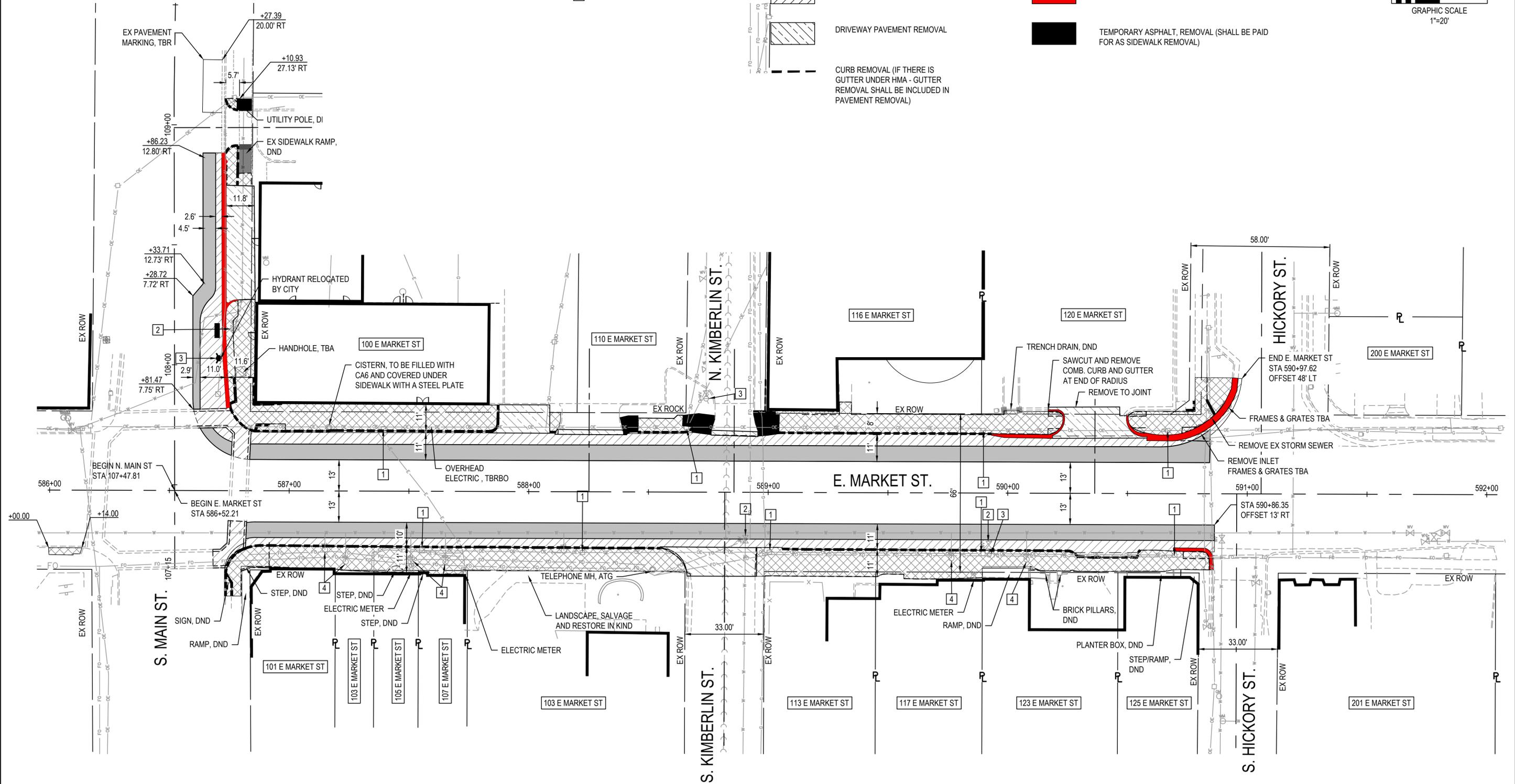
**LEGEND**

-  SIDEWALK REMOVAL
-  PAVEMENT REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL
-  COMBINATION CURB AND GUTTER REMOVAL
-  TEMPORARY ASPHALT, REMOVAL (SHALL BE PAID FOR AS SIDEWALK REMOVAL)
-  CURB REMOVAL (IF THERE IS GUTTER UNDER HMA - GUTTER REMOVAL SHALL BE INCLUDED IN PAVEMENT REMOVAL)



PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NOTE BOOK NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NOTE BOOK NO.	



FILE NAME = 223007.003 - DESIGN - PHASE 1.DWG

03/27/2024 - FINAL PLANS

 <p>OATES ASSOCIATES www.oatesassociates.com ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115</p>	USER NAME = EDUARDO HERRERA PLOT SCALE = 1" = 1' PLOT DATE = 2022-09-27	DESIGNED - EJS DRAWN - XXX CHECKED - XXX DATE - 2022-09-27	REVISED - REVISED - REVISED - REVISED -	CITY OF TROY - MARKET ST. STREETScape - PHASE 1	REMOVAL PLAN SHEET		F.A.U. RTE. SECTION COUNTY MADISON	TOTAL SHEETS 31	SHEET NO. 14
					SCALE:	SHEET NO. 1 OF 1 SHEETS	MARKET ST. STREETScape - PHASE 1 CITY OF TROY   ILLINOIS   LOCAL		

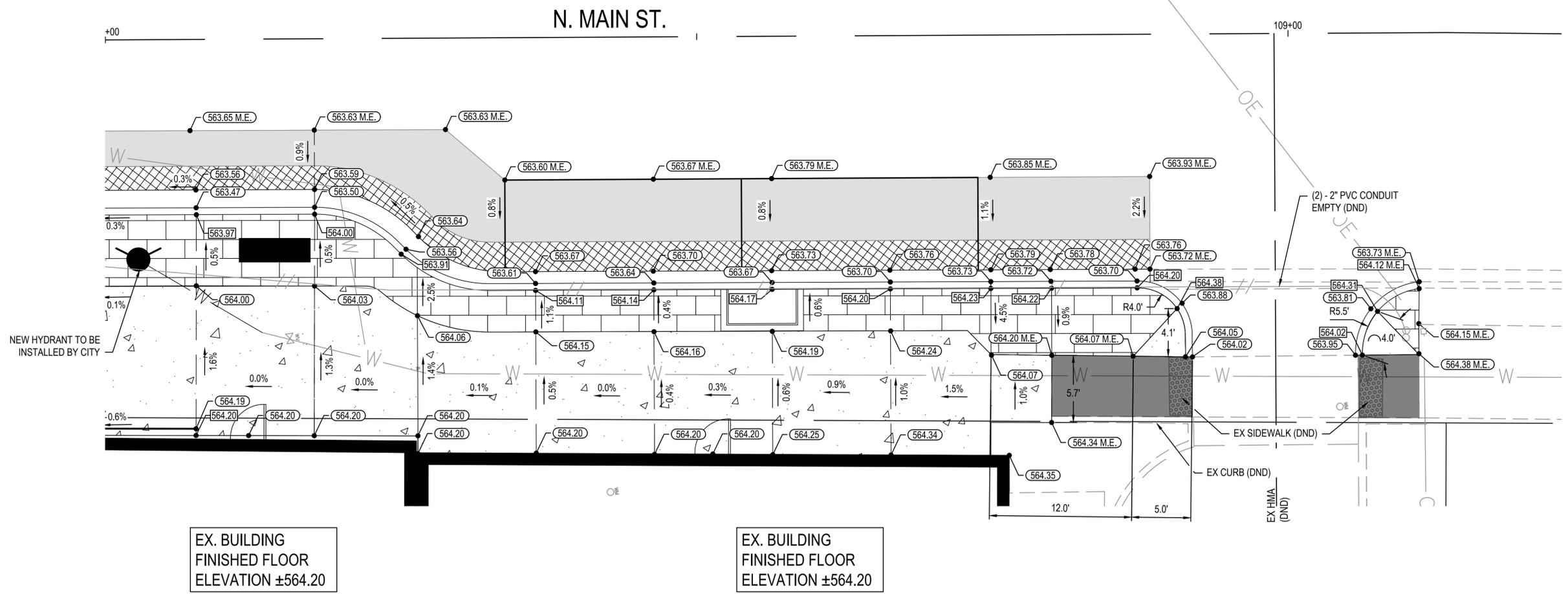
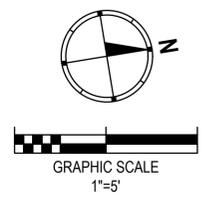
PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	AT	
	BY	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
	STRUCTURE NOTATIONS CHKD	
	NO.	

FILE NAME = 223007.003 - DESIGN - PHASE 1.DWG

**LEGEND**

- XXX PROPOSED ELEVATION
- XXX PROPOSED BACK OF CURB
- ME MATCH EX ELEVATION
- DEPRESSED CURB
- PR HOT-MIX ASPHALT SURFACE COURSE, 2"
- PR HOT-MIX ASPHALT BINDER COURSE, 6"  
PR HOT-MIX ASPHALT SURFACE COURSE, 2"
- PR HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT, 10",  
STAMPED & COLORED
- PR PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- PR PORTLAND CEMENT CONCRETE SIDEWALK, 4", SPECIAL



**INTERSECTION GRADING DETAIL**  
**STA 108+00 RT TO STA 109+11 RT**  
 (NOT TO SCALE)

**03/27/2024 - FINAL PLANS**



USER NAME =	EDUARDO HERRERA	DESIGNED -	EJS	REVISED -	
PLOT SCALE =	1" = 1'	DRAWN -	XXX	REVISED -	
PLOT DATE =	2022-09-27	CHECKED -	XXX	REVISED -	
		DATE -	2022-09-27	REVISED -	

**CITY OF TROY - MARKET ST.**  
**STREETSCAPE - PHASE 1**

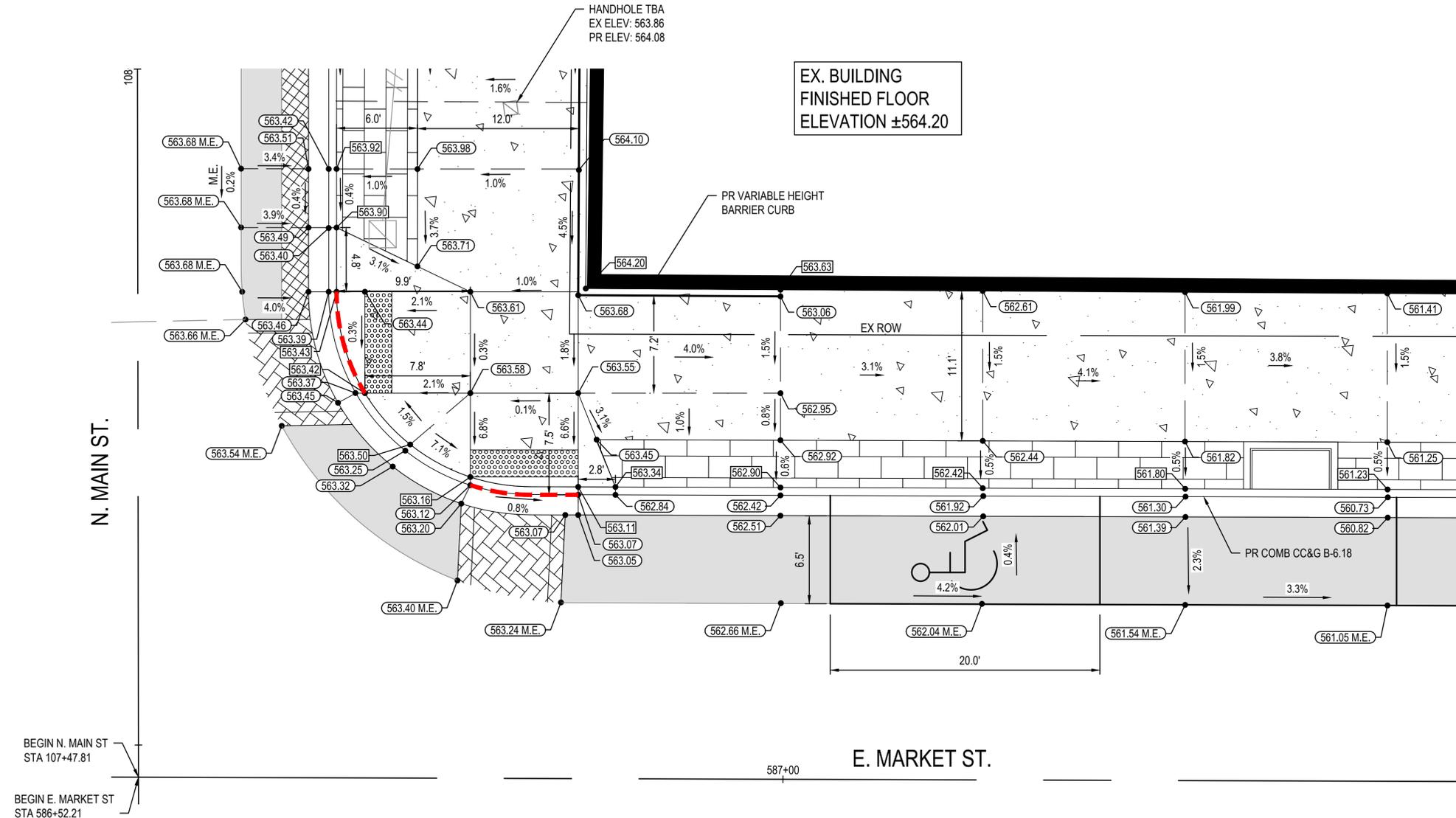
<b>INTERSECTION DETAILS - N. MAIN STREET</b>	
SCALE:	SHEET NO. 1 OF 1 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		MADISON	31	15
MARKET ST. STREETSCAPE - PHASE 1				
CITY OF TROY	ILLINOIS	LOCAL		

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	AT	
	FILE NAME	
	NO.	

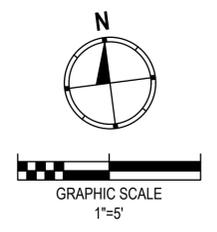
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	AT	
	FILE NAME	
	NO.	

FILE NAME = 223007.003 - DESIGN - PHASE 1.DWG



**LEGEND**

- (XXX) PROPOSED ELEVATION
- [XXX] PROPOSED BACK OF CURB
- ME MATCH EX ELEVATION
- DEPRESSED CURB
- [Solid Grey] PR HOT-MIX ASPHALT SURFACE COURSE, 2"
- [Cross-hatch] PR HOT-MIX ASPHALT BINDER COURSE, 6"  
PR HOT-MIX ASPHALT SURFACE COURSE, 2"
- [Diagonal Hatch] PR HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT, 10", STAMPED & COLORED
- [White Box] PR PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- [Grid Pattern] PR PORTLAND CEMENT CONCRETE SIDEWALK, 4", SPECIAL



**INTERSECTION GRADING DETAIL**  
**STA 586+52 LT TO STA 587+50 LT**  
 (NOT TO SCALE)

03/27/2024 - FINAL PLANS



USER NAME =	EDUARDO HERRERA	DESIGNED -	EJS	REVISED -	
PLOT SCALE =	1" = 1'	DRAWN -	XXX	REVISED -	
PLOT DATE =	2022-09-27	CHECKED -	XXX	REVISED -	
		DATE -	2022-09-27	REVISED -	

**CITY OF TROY - MARKET ST. STREETScape - PHASE 1**

INTERSECTION DETAILS - E. MARKET	
SCALE:	SHEET NO. 1 OF 6 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		MADISON	31	16
MARKET ST. STREETScape - PHASE 1				
CITY OF TROY	ILLINOIS	LOCAL		

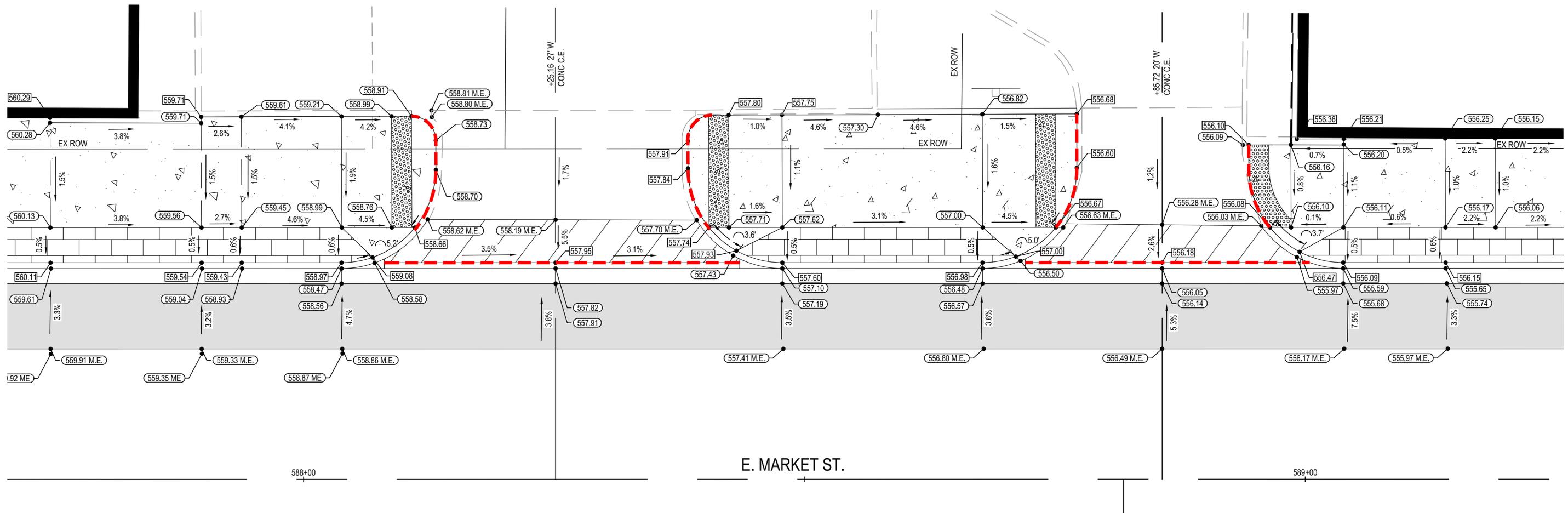
PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NOTE BOOK NO.	
	PROJECT NAME	
	DATE	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NOTE BOOK NO.	
	PROJECT NAME	
	DATE	

FILE NAME = 223007.003 - DESIGN - PHASE 1.DWG

**LEGEND**

- (XXX) PROPOSED ELEVATION
- (XXX) PROPOSED BACK OF CURB
- ME MATCH EX ELEVATION
- - - DEPRESSED CURB
- PR HOT-MIX ASPHALT SURFACE COURSE, 2"
- PR PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8"
- PR PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- PR PORTLAND CEMENT CONCRETE SIDEWALK, 4", SPECIAL



**INTERSECTION GRADING DETAIL**  
**STA 587+70 LT TO STA 589+26 LT**  
 (NOT TO SCALE)

**03/27/2024 - FINAL PLANS**

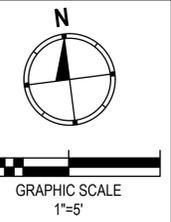


USER NAME =	EDUARDO HERRERA	DESIGNED -	EJS	REVISED -	
PLOT SCALE =	1" = 1'	DRAWN -	XXX	REVISED -	
PLOT DATE =	2022-09-27	CHECKED -	XXX	REVISED -	
		DATE -	2022-09-27	REVISED -	

**CITY OF TROY - MARKET ST.**  
**STREETSCAPE - PHASE 1**

INTERSECTION DETAILS - E. MARKET	
SCALE:	SHEET NO. 2 OF 6 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		MADISON	31	17
MARKET ST. STREETSCAPE - PHASE 1				
CITY OF TROY	ILLINOIS	LOCAL		

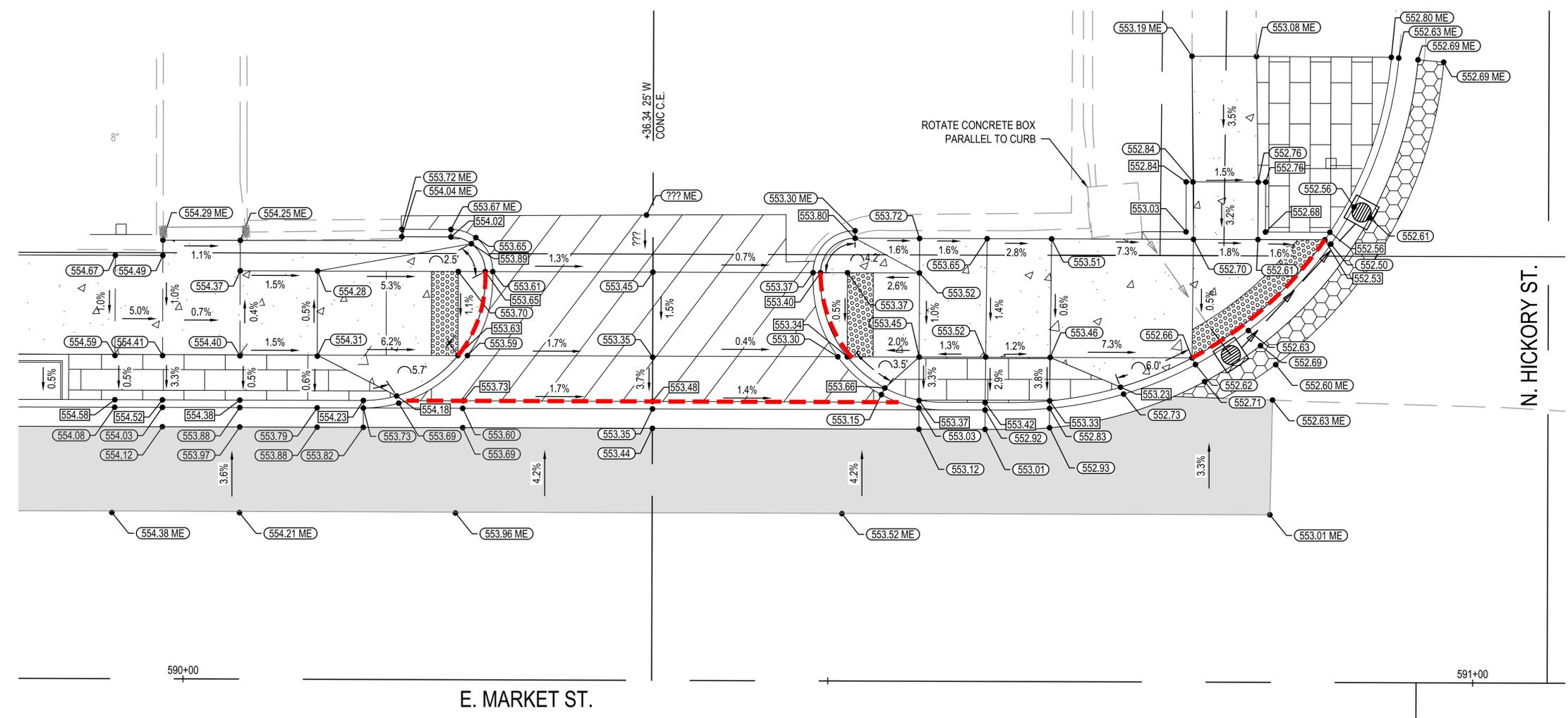


**LEGEND**

- (XXX) PROPOSED ELEVATION
- [XXX] PROPOSED BACK OF CURB
- ME MATCH EX ELEVATION
- DEPRESSED CURB
- [Pattern] PR HOT-MIX ASPHALT SURFACE COURSE, 2"
- [Pattern] PR PORTLAND CEMENT CONCRETE PAVEMENT, 10"
- [Pattern] PR PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8"
- [Pattern] PR PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- [Pattern] PR PORTLAND CEMENT CONCRETE SIDEWALK, 4", SPECIAL

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NO. _____	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NO. _____	



**INTERSECTION GRADING DETAIL**  
**STA 589+87 LT TO STA 590+98 LT**  
 (NOT TO SCALE)

03/27/2024 - FINAL PLANS

FILE NAME = 223007.003 - DESIGN - PHASE 1.DWG

<p>OATES ASSOCIATES www.oatesassociates.com ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115</p>	USER NAME = EDUARDO HERRERA PLOT SCALE = 1" = 1' PLOT DATE = 2022-09-27	DESIGNED - EJS DRAWN - XXX CHECKED - XXX DATE - 2022-09-27	REVISED - REVISED - REVISED - REVISED -	<b>CITY OF TROY - MARKET ST. STREETSCAPE - PHASE 1</b>	<b>INTERSECTION DETAILS - E. MARKET</b>	F.A.U. RTE. _____ SECTION _____ COUNTY MADISON TOTAL SHEETS 31 SHEET NO. 18
	SCALE: _____ SHEET NO. 3 OF 6 SHEETS		MARKET ST. STREETSCAPE - PHASE 1			
	CITY OF TROY		ILLINOIS		LOCAL	

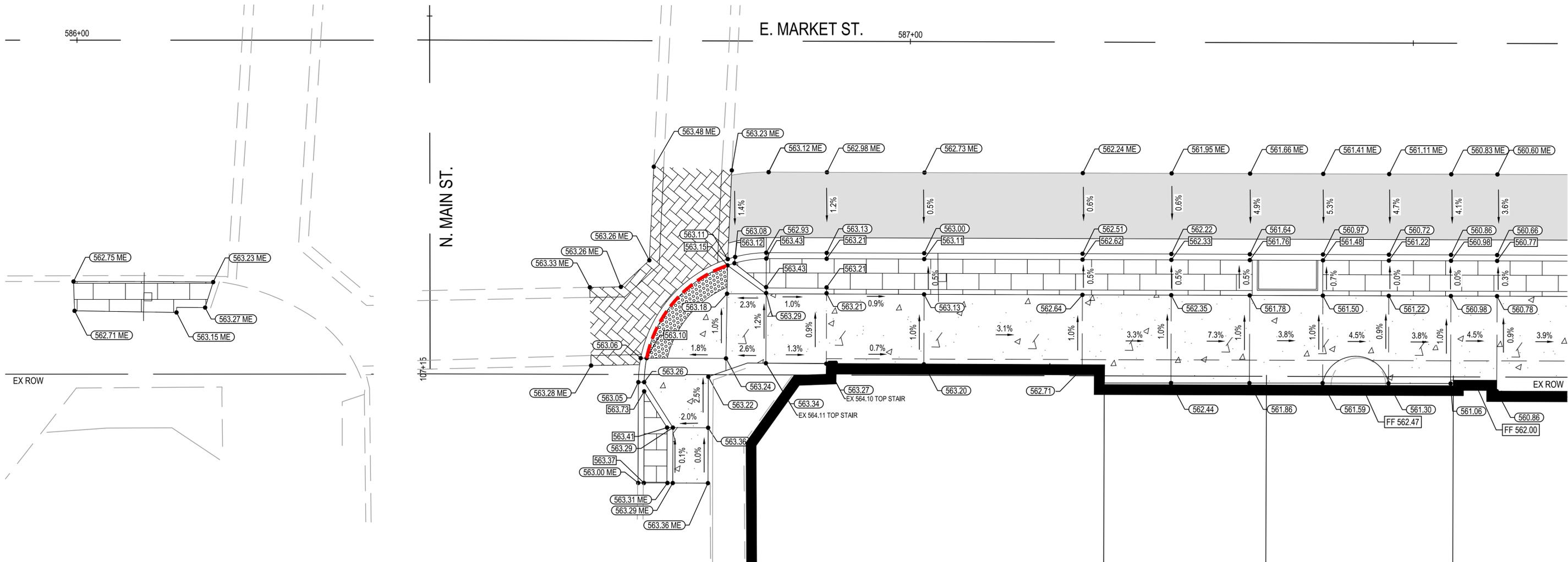
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	PLOTTED	BY
	CHECKED	
	AT	
	NO. _____	
	NO. _____	
	NO. _____	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	AT	
	NO. _____	
	NO. _____	
	NO. _____	

FILE NAME = 223007.003 - DESIGN - PHASE 1.DWG

**LEGEND**

- (XXX) PROPOSED ELEVATION
- (XXX) PROPOSED BACK OF CURB
- ME MATCH EX ELEVATION
- DEPRESSED CURB
- PR HOT-MIX ASPHALT SURFACE COURSE, 2"
- PR HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT, 10", STAMPED & COLORED
- PR PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- PR PORTLAND CEMENT CONCRETE SIDEWALK, 4", SPECIAL



**INTERSECTION GRADING DETAIL**  
**STA 586+00 RT TO STA 586+14 RT**  
 (NOT TO SCALE)

**INTERSECTION GRADING DETAIL**  
**STA 586+68 RT TO STA 587+65 RT**  
 (NOT TO SCALE)

03/27/2024 - FINAL PLANS



USER NAME =	EDUARDO HERRERA	DESIGNED -	EJS	REVISED -	
PLOT SCALE =	1" = 1'	DRAWN -	XXX	REVISED -	
PLOT DATE =	2022-09-27	CHECKED -	XXX	REVISED -	
		DATE -	2022-09-27	REVISED -	

**CITY OF TROY - MARKET ST. STREETScape - PHASE 1**

INTERSECTION DETAILS - E. MARKET	
SCALE:	SHEET NO. 4 OF 6 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		MADISON	31	19
MARKET ST. STREETScape - PHASE 1				
CITY OF TROY	ILLINOIS	LOCAL		

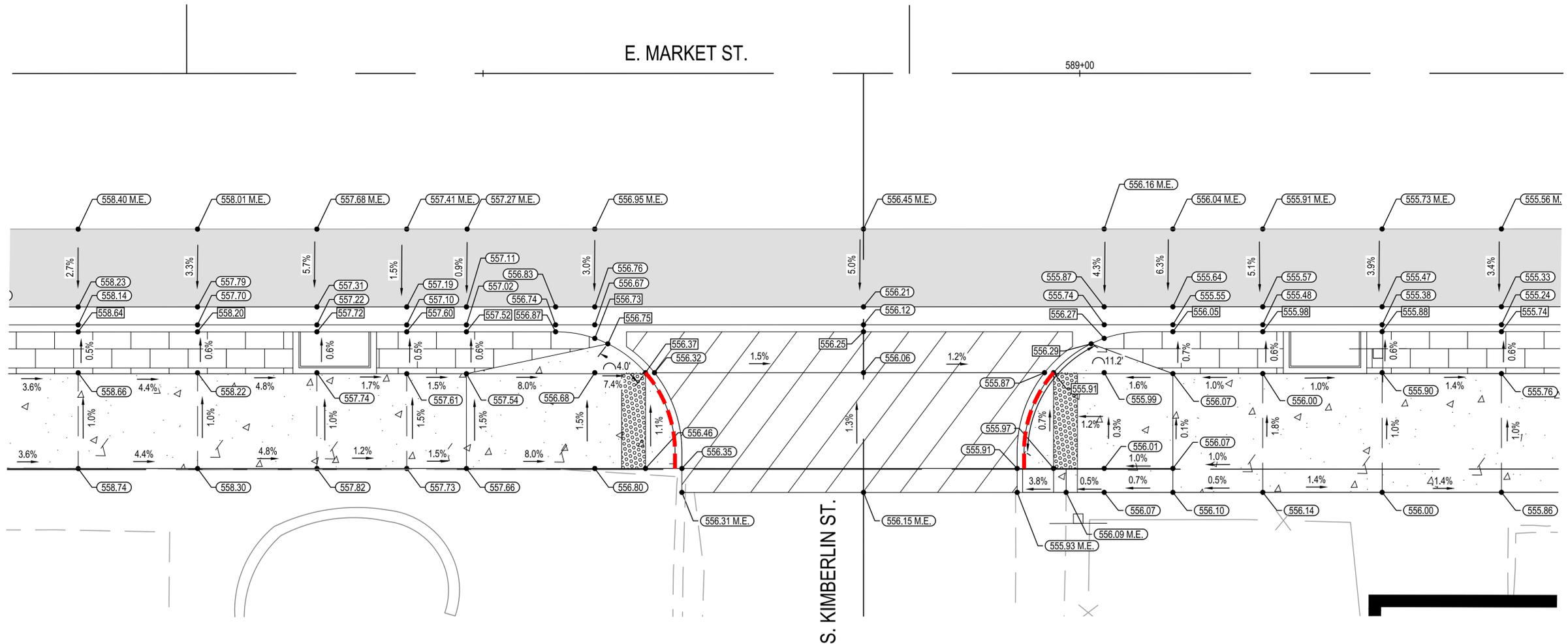
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	PLOTTED	BY
	CHECKED	
	AT	
	ON	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	AT	
	ON	
	STRUCTURE NOTATION	
	NO.	

FILE NAME = 223007.003 - DESIGN - PHASE 1.DWG

**LEGEND**

- XXX PROPOSED ELEVATION
- XXX PROPOSED BACK OF CURB
- ME MATCH EX ELEVATION
- DEPRESSED CURB
- PR HOT-MIX ASPHALT SURFACE COURSE, 2"
- PR PORTLAND CEMENT CONCRETE PAVEMENT, 8"
- PR PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- PR PORTLAND CEMENT CONCRETE SIDEWALK, 4", SPECIAL



**INTERSECTION GRADING DETAIL**  
**STA 588+11 RT TO STA 589+40 RT**  
 (NOT TO SCALE)

03/27/2024 - FINAL PLANS



USER NAME =	EDUARDO HERRERA	DESIGNED -	EJS	REVISED -	
PLOT SCALE =	1' = 1'	DRAWN -	XXX	REVISED -	
PLOT DATE =	2022-09-27	CHECKED -	XXX	REVISED -	
		DATE -	2022-09-27	REVISED -	

**CITY OF TROY - MARKET ST. STREETScape - PHASE 1**

<b>INTERSECTION DETAILS - E. MARKET</b>	
SCALE:	SHEET NO. 5 OF 6 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		MADISON	31	20
MARKET ST. STREETScape - PHASE 1				
CITY OF TROY	ILLINOIS	LOCAL		

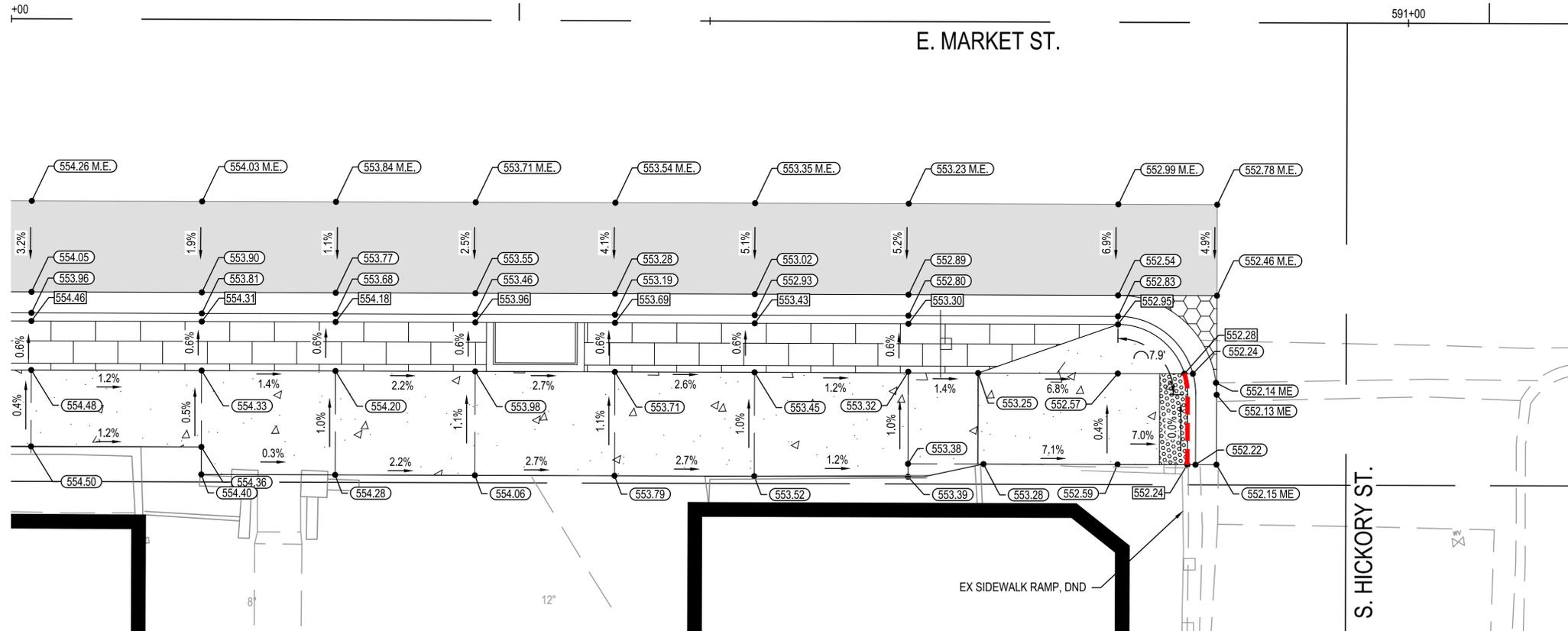
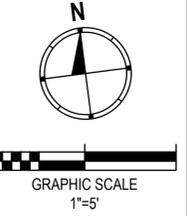
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	PLOTTED	BY
NOTE BOOK NO.	CHECKED	
	AT	
	FILE NAME	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
NOTE BOOK NO.	STRUCTURE	
	NOTATIONS	

FILE NAME = 223007.003 - DESIGN - PHASE 1.DWG

**LEGEND**

- XXX PROPOSED ELEVATION
- XXX PROPOSED BACK OF CURB
- ME MATCH EX ELEVATION
- DEPRESSED CURB
- PR HOT-MIX ASPHALT SURFACE COURSE, 2"
- PR PORTLAND CEMENT CONCRETE PAVEMENT, 10"
- PR PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- PR PORTLAND CEMENT CONCRETE SIDEWALK, 4", SPECIAL



**INTERSECTION GRADING DETAIL**  
**STA 590+00 RT TO STA 591+14 RT**  
 (NOT TO SCALE)

03/27/2024 - FINAL PLANS



USER NAME =	EDUARDO HERRERA	DESIGNED -	EJS	REVISED -	
PLOT SCALE =	1' = 1'	DRAWN -	XXX	REVISED -	
PLOT DATE =	2022-09-27	CHECKED -	XXX	REVISED -	
		DATE -	2022-09-27	REVISED -	

**CITY OF TROY - MARKET ST.**  
**STREETSCAPE - PHASE 1**

SCALE:	SHEET NO. 6 OF 6 SHEETS
--------	-------------------------

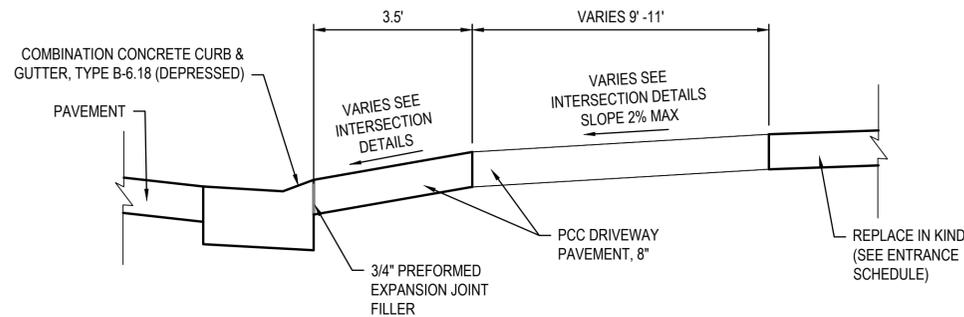
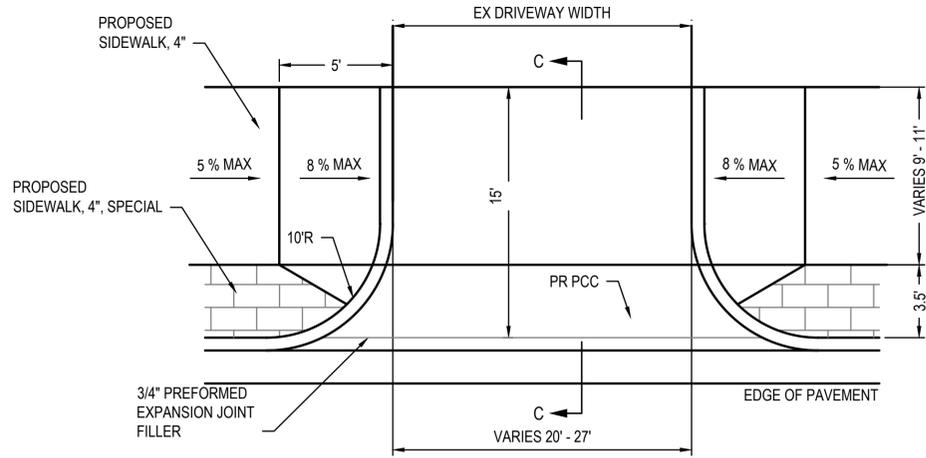
INTERSECTION DETAILS -  
 E. MARKET

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		MADISON	31	21
MARKET ST. STREETSCAPE - PHASE 1				
CITY OF TROY	ILLINOIS	LOCAL		

DATE	
BY	
SURVEYED	
PLOTTED	
CHECKED	
DATE	
BY	
NOTE BOOK	
NO.	
CADD FILE NAME	

DATE	
BY	
SURVEYED	
PLOTTED	
CHECKED	
DATE	
BY	
NOTE BOOK	
NO.	
STRUCTURE NOTATION CHRD	

FILE NAME = 223007.003 - DETAILS.DWG



TOOLED 1/4" RADIUS FOR SIDEWALKS, SAWED FOR PAVEMENT

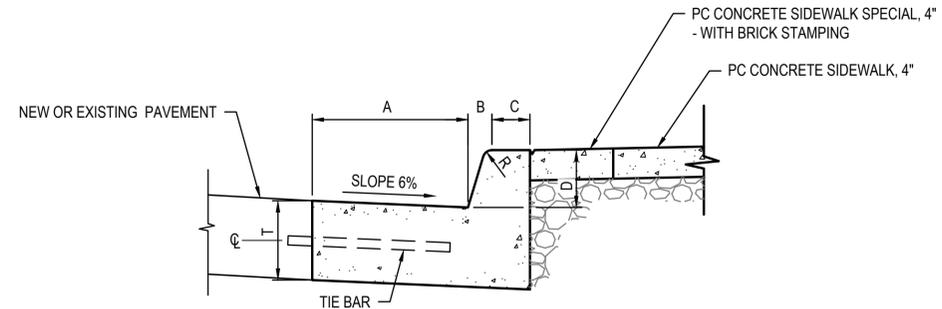
MINIMUM DEPTH 1/4" OF THICKNESS JOINT WIDTH 1/8"-1/4" (SAWED JOINTS SHALL BE SEALED - SEE NOTE BELOW)

1/4" RADIUS

1/2" PRE-MOLDED WOOD FIBRE STRIP ACCORDING TO ASTM D 1751 WITH 1/2" TO 1/2" ZIP STRIP.

BACK JOINT WITH ONE COMPONENT URETHANE GUN GRADE LIMESTONE COLORED SEALANT USING SONNEBORN SONOPLASTIC NP-1, MAMECO VULKEM 116, PECORDA DYNATROL 1, OR APPROVED EQUAL. FINISH JOINT WITH A SELF LEVELING SEALANT USING MAMECO INTERNATIONAL - VULKEM 45, PECORA CHEMICAL CORP - UREXPAN NR20, SIKA CHEMICAL CORP. - SILKAFLEX 12SL, CONTECH INC., SONNEBORN BUILDING PRODUCTS DIV. - SONALASTIC SL1

**TYPICAL CONCRETE JOINT DETAILS**  
(NOT TO SCALE)

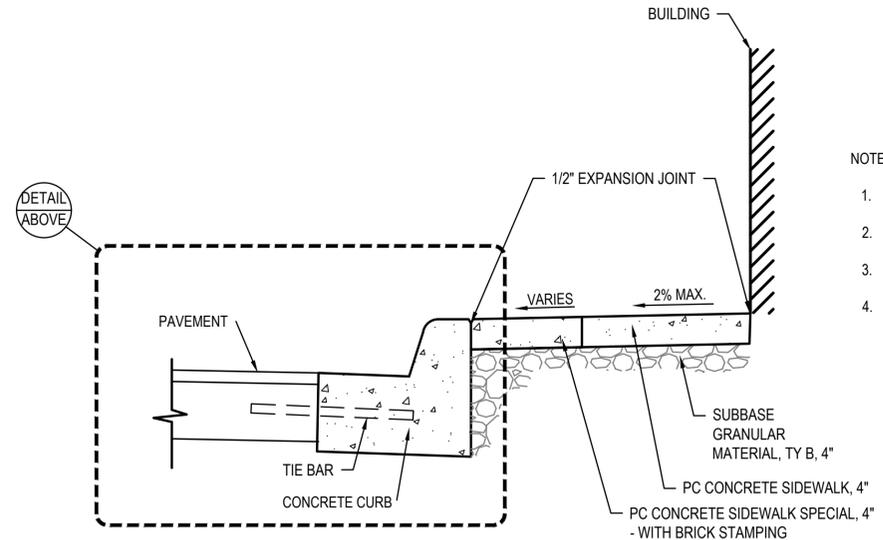


TYPE	A	B	C	D	R
B-6.12	12	1	6	6	1
B-6.18	18	1	6	6	1

NOTES:  
STA. 108+33 TO STA. 108+87 IS B-6.12 COMB CC&G  
STA. 107+66 TO STA. 108+33 IS B-6.18 COMB CC&G

T = THICKNESS OF PAVEMENT

**COMBINATION CONCRETE CURB AND GUTTER DETAIL**  
(NOT TO SCALE)



NOTE:  
USE COMBINATION CONCRETE CURB AND SIDEWALK WHERE SIDEWALK IS ADJACENT TO CONCRETE CURB.

- NOTES:
- CONTRACTION JOINTS ARE TO BE ON ±5' CENTERS, UNLESS OTHERWISE NOTED.
  - EXPANSION JOINTS ARE TO BE ON ±100' CENTERS AND AT POINTS OF CURVATURE.
  - EXPANSION JOINT REQUIRED BETWEEN THE SIDEWALK AND EXISTING PAVEMENT OR STRUCTURES.
  - ALL EXPANSION JOINTS SHALL BE SEALED WITH GUN GRADE LIMESTONE COLORED SEALANT.

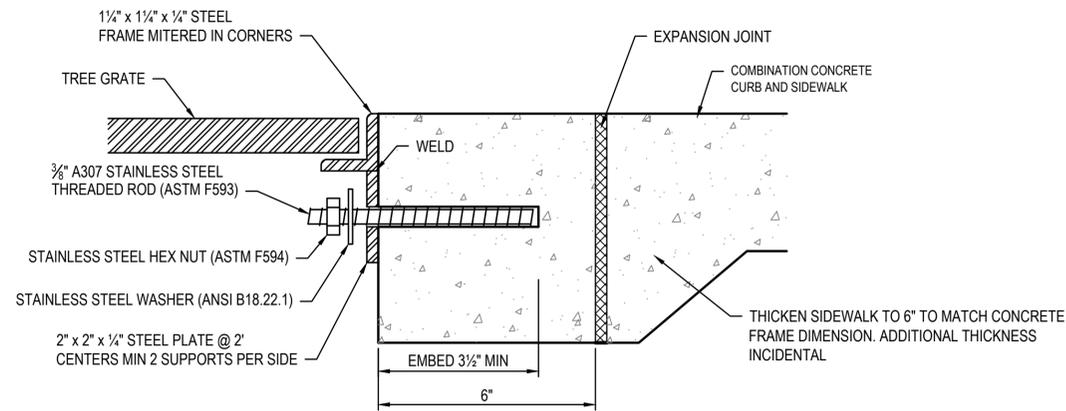
**COMBINATION CONCRETE CURB AND SIDEWALK DETAIL**  
(NOT TO SCALE)



PLAN	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK NO.	CHECKED	
	APPROVED	
	RT. OF WAY CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	CADD FILE NAME	

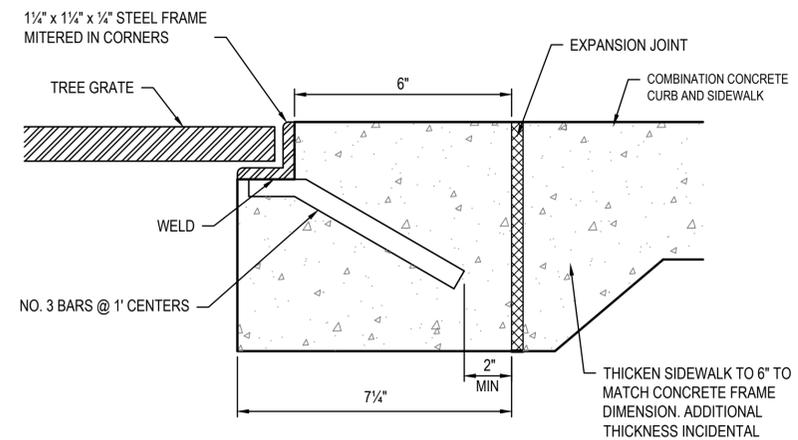
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	PLOTTED	BY
NOTE BOOK NO.	CHECKED	
	APPROVED	
	RT. OF WAY CHECKED	
	STRUCTURE NOTATIONS CHECKED	

FILE NAME = 223007.003 - DETAILS.DWG

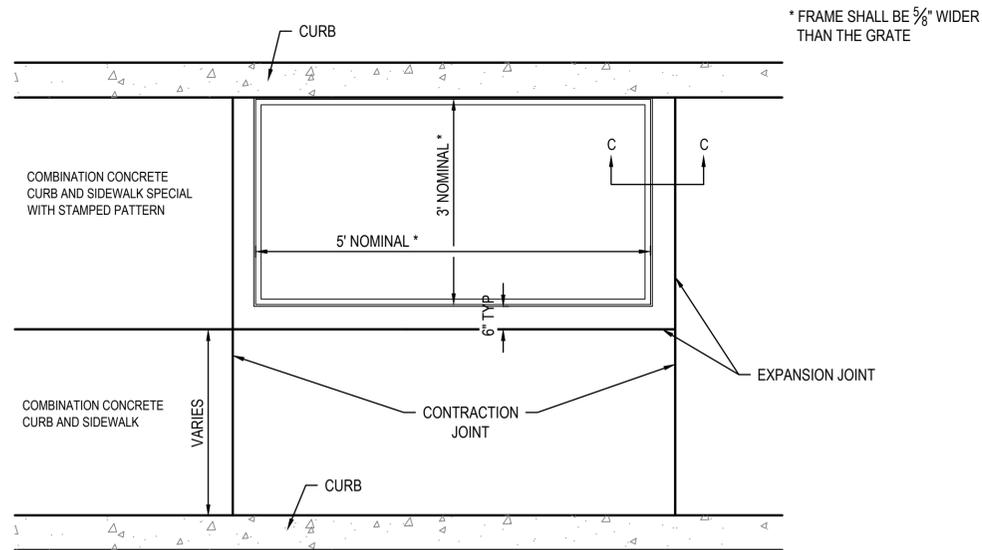


**SECTION C-C  
OPTION 1**  
(NOT TO SCALE)

EMBED STAINLESS STEEL THREADED ROD WITH A CAPSULE OR ADHESIVE CARTRIDGE TYPE EPOXY SYSTEM. THE CONTRACTOR SHALL INSTALL THE RODS IN PRE-DRILLED HOLES ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS AND PROCEDURES. THE CAPSULE OR THE ADHESIVE CARTRIDGE SHALL BE SEALED WITH PREMEASURED AMOUNTS OF THE ADHESIVE CHEMICAL.

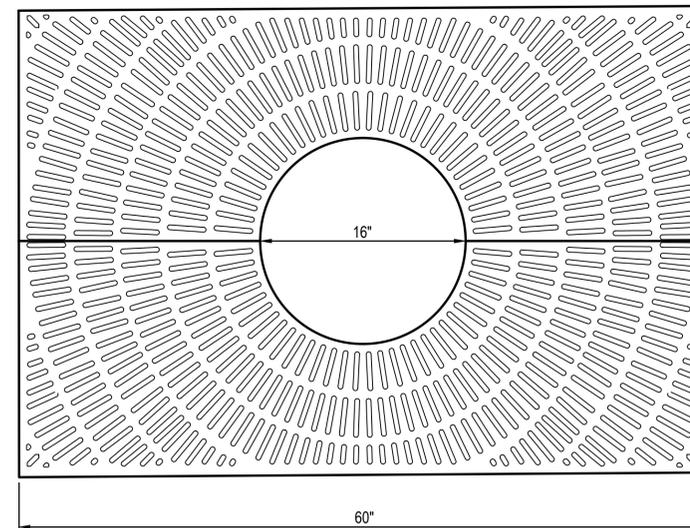


**SECTION C-C  
OPTION 2**  
(NOT TO SCALE)



**TREE FRAME & GRATE DETAIL**  
(NOT TO SCALE)

TREE GRATE SHALL BE NEENAH, R-8810 TREE GRATE OR APPROVED EQUIVALENT.



**PLAN VIEW**  
(NOT TO SCALE)

USER NAME =	Eduardo Herrera	DESIGNED -	EJS	REVISED -	
PLOT SCALE =	1' = 1'	DRAWN -	XXX	REVISED -	
PLOT DATE =	2022-09-27	CHECKED -	XXX	REVISED -	
		DATE -	2022-09-27	REVISED -	

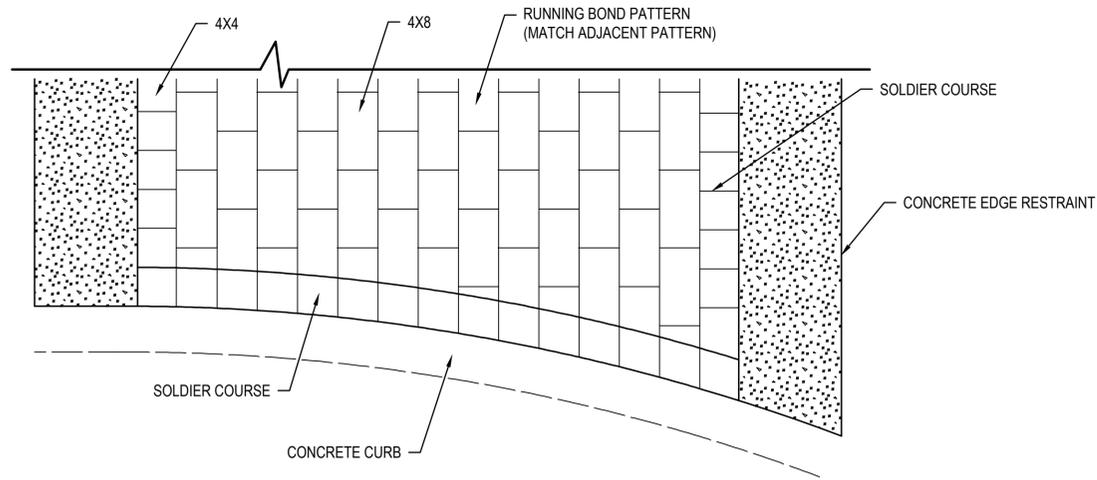
<b>CONSTRUCTION DETAILS</b>	
SCALE:	SHEET NO. 3 OF 5 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		MADISON	31	24
MARKET ST. STREETSCAPE - PHASE 1				
CITY OF TROY	ILLINOIS	LOCAL		

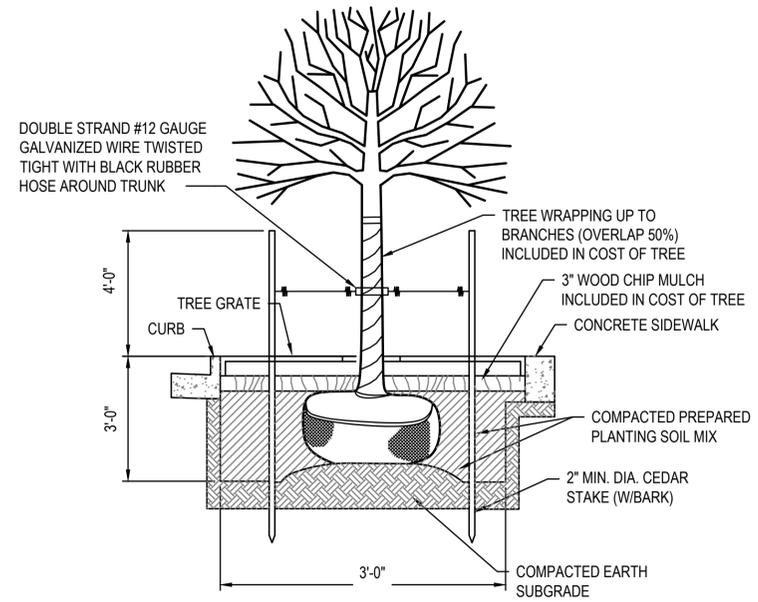
DATE	
BY	
SURVEYED	
PLOTTED	
CHECKED	
RT. OF WAY CHECKED	
CADD FILE NAME	
PLAN	
NOTE BOOK NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
CHECKED	
STRUCTURE NOTATION CHKD	
PROFILE	
NOTE BOOK NO.	

FILE NAME = 223007.003 - DETAILS.DWG



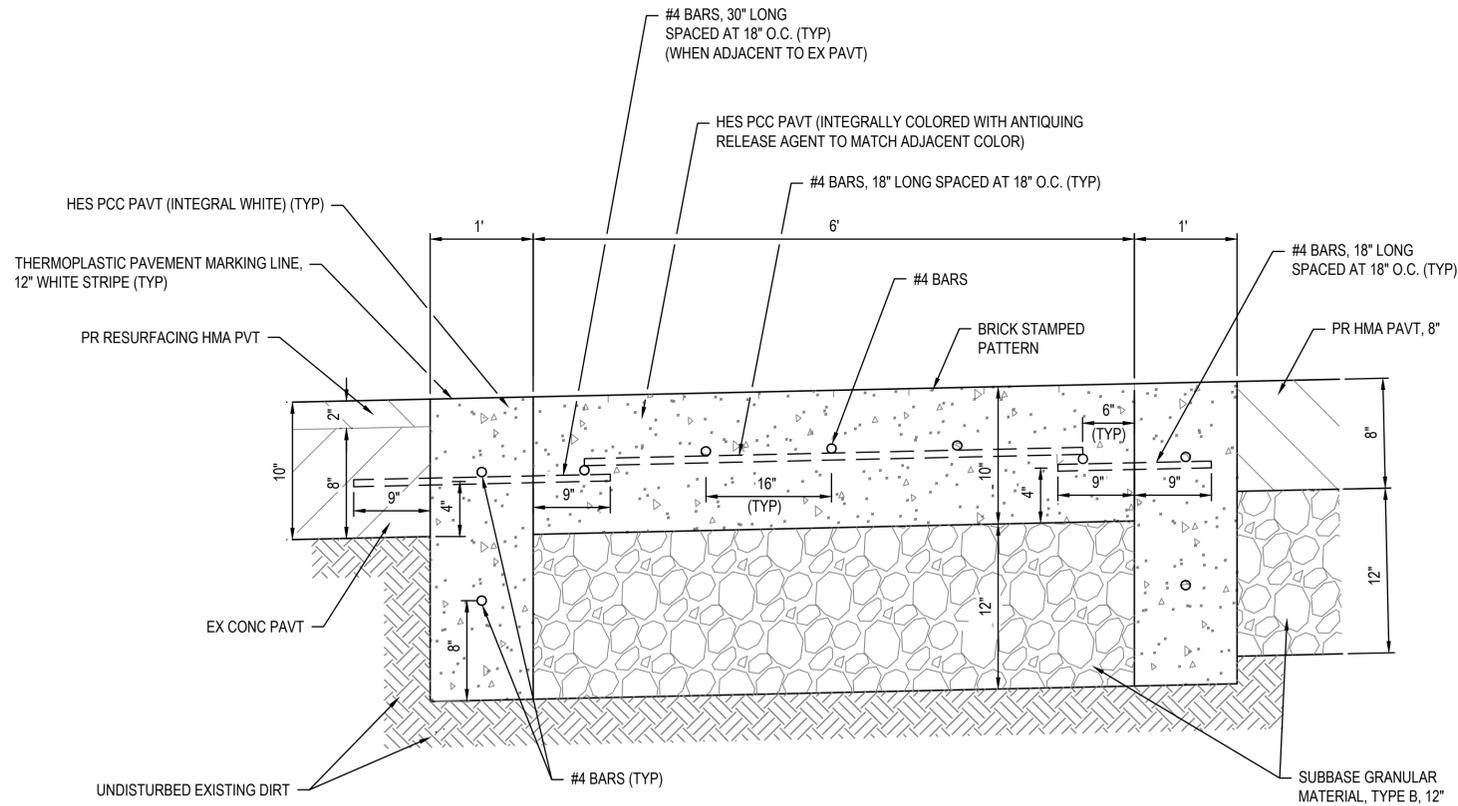
**SOLDIER COURSE EDGE WITH RUNNING BOND PATTERN**



**TREE PLANTING DETAIL**

(NOT TO SCALE)

- NOTE:
- SEE SECTION 253 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" FOR ADDITIONAL INFORMATION.
  - VERIFY UTILITY LINE AND STRUCTURE LOCATIONS PRIOR TO DIGGING.
  - LAYOUT ALL TREE LOCATIONS FOR APPROVAL PRIOR TO INSTALLATION.
  - ELECTRICAL CONDUIT WILL ONLY BE ALLOWED IN THE OUTER 6" OF THE TREE WELL.



NOTE:  
 CONCRETE SHALL BE CLASS SI AND SHALL ATTAIN A STRENGTH OF 3,500 PSI PRIOR TO OPENING FOR TRAFFIC.  
 CONCRETE CONTROL JOINTS SHALL BE DETERMINED BY THE ENGINEER.

**CROSS SECTION**

**HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 10", STAMPED & COLORED**

(NOT TO SCALE)

**03/27/2024 - FINAL PLANS**



USER NAME =	EDUARDO HERRERA	DESIGNED -	EJS	REVISED -	
PLOT SCALE =	1' = 1'	DRAWN -	XXX	REVISED -	
PLOT DATE =	2022-09-27	CHECKED -	XXX	REVISED -	
		DATE -	2022-09-27	REVISED -	

**CITY OF TROY - MARKET ST. STREETSCAPE - PHASE 1**

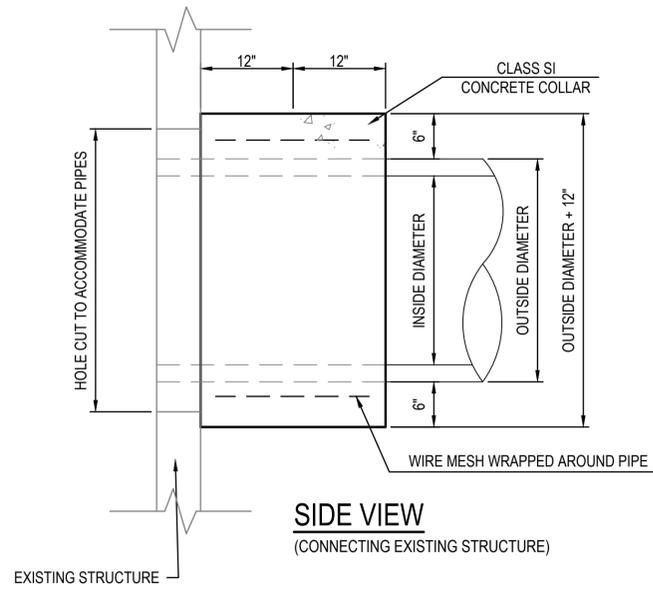
CONSTRUCTION DETAILS	
SCALE:	SHEET NO. 4 OF 5 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		MADISON	31	25
MARKET ST. STREETSCAPE - PHASE 1				
CITY OF TROY	ILLINOIS	LOCAL		

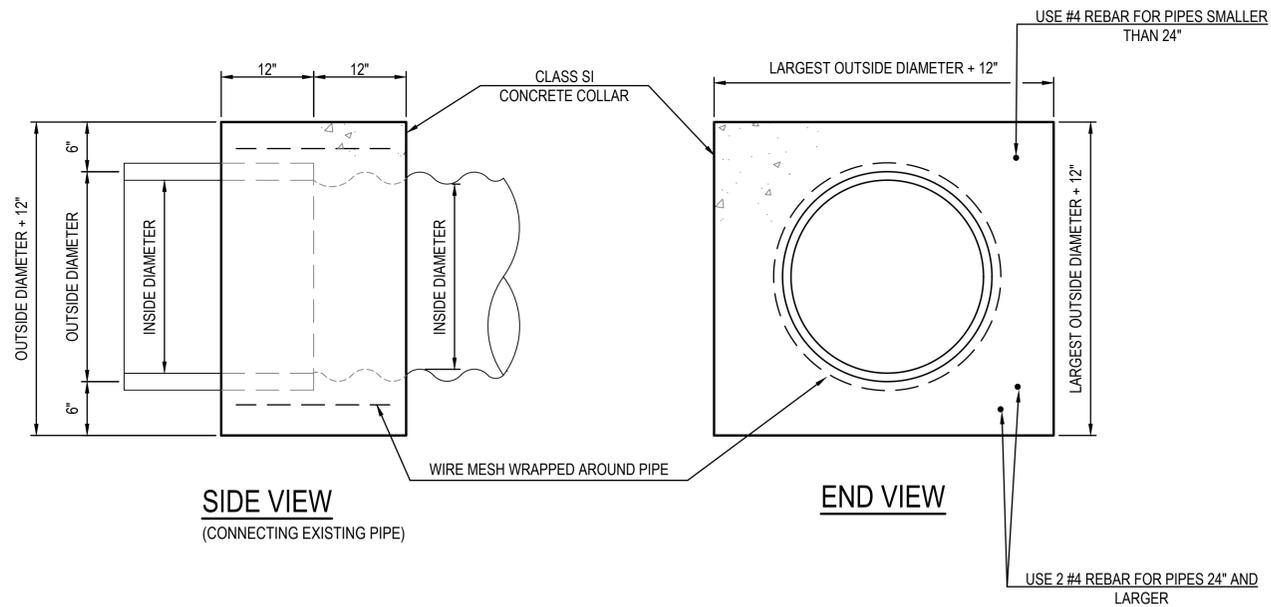
PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	RT. OF WAY CHECKED	
	CADD FILE NAME	
NOTE BOOK NO.		

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	RT. OF WAY CHECKED	
	STRUCTURE NOTATION CHKD	
NOTE BOOK NO.		

FILE NAME = 223007.003 - DETAILS.DWG



INSIDE DIAMETER OF PIPE INCH	ESTIMATED CLASS SI CONCRETE REQUIRED CU. YD.
12"	0.30
15"	0.40
18"	0.45
24"	0.60
30"	0.80
36"	0.95
42"	1.25
48"	1.45
54"	1.70
60"	1.95
72"	2.50
84"	3.10
96"	3.80
108"	4.55



**GENERAL NOTES**

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. WHEN CONCRETE COLLARS ARE USED TO CONNECT PIPES OF DIFFERENT OUTSIDE DIAMETERS, THE CONCRETE COLLAR SHALL BE FORMED USING THE LARGEST OUTSIDE DIAMETER (SEE END VIEW).
3. THE WIRE MESH SHALL WEIGH NOT LESS THAN 54#/100 SQ. FT. (2.63 kg/m).
4. WHEN CONCRETE COLLARS ARE CONSTRUCTED ADJACENT TO AN EXISTING CONCRETE STRUCTURE (HEADWALLS, ETC.) REBAR, SHALL BE USED AND WILL NOT BE PAID FOR SEPERATLY BUT INCLUDED IN THE PRICE OF THE CONCRETE COLLAR.
5. TABLE ASSUMES RCP PIPE CONNECTED TO A CMP PIPE OF SAME INSIDE DIAMETER.

**CONCRETE COLLAR AT EXISTING STRUCTURE**

(NOT TO SCALE)

03/27/2024 - FINAL PLANS



USER NAME =	EDUARDO HERRERA	DESIGNED -	EJS	REVISED -	
PLOT SCALE =	1' = 1'	DRAWN -	XXX	REVISED -	
PLOT DATE =	2022-09-27	CHECKED -	XXX	REVISED -	
		DATE -	2022-09-27	REVISED -	

CITY OF TROY - MARKET ST.  
STREETSCAPE - PHASE 1

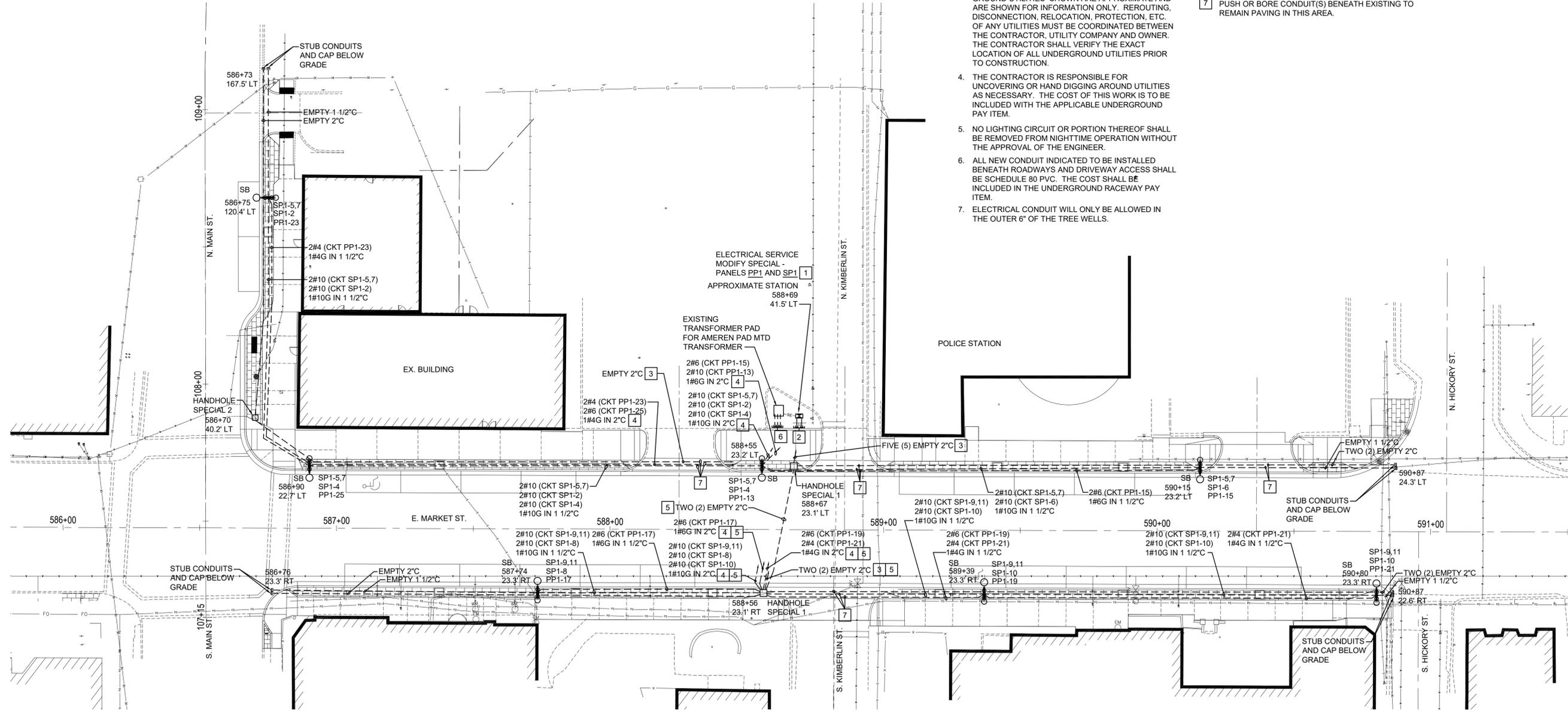
CONSTRUCTION DETAILS	
SCALE:	SHEET NO. 5 OF 5 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		MADISON	31	26
MARKET ST. STREETSCAPE - PHASE 1				
CITY OF TROY	ILLINOIS	LOCAL		

PLAN	SURVEYED	DATE
	BY	
NOTE BOOK NO.	PLOTTED	
	ALIGNED CHECKED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	BY	
NOTE BOOK NO.	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	

FILE NAME = ROADWAY PLAN.DWG



**GENERAL NOTES**

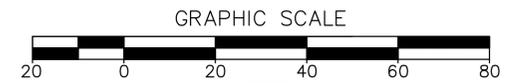
- LOCATE ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF NEW WORK SHOWN ON THIS PLAN. IMMEDIATELY REPAIR ANY DAMAGED UTILITIES TO THE SATISFACTION OF THE OWNER, IN COMPLIANCE WITH OWNER'S REQUIREMENTS.
- LIGHT POLE FOUNDATIONS SHALL BE INSTALLED PLUMB AND FLUSH WITH THE PROPOSED GRADE AND SHALL MEET THE HEIGHT REQUIREMENTS OF ARTICLE 836.03 OF THE STANDARD SPECIFICATIONS. WASHERS USED TO INSTALL THE POLE SHALL BE LARGE ENOUGH TO FULLY COVER THE SLOTTED HOLES IN THE POLE BASE PLATE.
- CONTRACTOR SHALL INSTALL LIGHT POLES AT THE LOCATIONS INDICATED ON THE PLANS, MAINTAINING ADEQUATE CLEARANCE FROM UTILITY LINES. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY CLEARANCES PER THE NATIONAL ELECTRICAL SAFETY CODE AND/OR THE REQUIREMENTS OF THE UTILITY COMPANIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ALL CONFLICTS BETWEEN PROPOSED LIGHTING POLE LOCATIONS AND UTILITY LINES. THE LOCATION OF BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE AND ARE SHOWN FOR INFORMATION ONLY. REROUTING, DISCONNECTION, RELOCATION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY AND OWNER. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE APPLICABLE UNDERGROUND PAY ITEM.
- NO LIGHTING CIRCUIT OR PORTION THEREOF SHALL BE REMOVED FROM NIGHTTIME OPERATION WITHOUT THE APPROVAL OF THE ENGINEER.
- ALL NEW CONDUIT INDICATED TO BE INSTALLED BENEATH ROADWAYS AND DRIVEWAY ACCESS SHALL BE SCHEDULE 80 PVC. THE COST SHALL BE INCLUDED IN THE UNDERGROUND RACEWAY PAY ITEM.
- ELECTRICAL CONDUIT WILL ONLY BE ALLOWED IN THE OUTER 6" OF THE TREE WELLS.

**KEYED NOTES**

- PEDESTAL AND PANELS ARE EXISTING. UTILIZE SPARE BREAKERS TO FEED BRANCH CIRCUITS INDICATED.
- FOURTEEN (14) 2" PVC CONDUITS ARE STUBBED AT 36" BELOW FINISHED GRADE FROM THE CUSTOMER SIDE OF SERVICE ENTRANCE SPECIAL PEDESTAL AND CAPPED AT THE SIDEWALK. EXTEND 2" CONDUITS FROM THIS POINT AS NOTED.
- TIE INTO EXISTING 2" CONDUIT STUB AT SERVICE ENTRANCE SPECIAL PEDESTAL. PROVIDE CONTINUOUS PULL STRING FROM SERVICE ENTRANCE SPECIAL PEDESTAL THROUGH ENTIRE CONDUIT LENGTH.
- TIE INTO EXISTING 2" CONDUIT STUB AT SERVICE ENTRANCE SPECIAL PEDESTAL FOR BRANCH CIRCUIT HOMERUN.
- PUSH OR BORE CONDUIT BENEATH EAST MARKET STREET.
- AMEREN 4" CONDUITS FROM THE TRANSFORMER PAD ARE STUBBED AT 36" BELOW FINISHED GRADE AND CAPPED AT THE SIDEWALK. SEE SHEET 2 FOR NEW WORK.
- PUSH OR BORE CONDUIT(S) BENEATH EXISTING TO REMAIN PAVING IN THIS AREA.

**SYMBOLS LEGEND**

- SA 19.21 31 DECORATIVE ROADWAY FIXTURE WITH SIDEWALK FIXTURE AND GFI DUPLEX RECEPTACLE
- SA 19.21 31 "SA" INDICATES LIGHTING CIRCUIT NUMBERS "31" INDICATES RECEPTACLE CIRCUIT NUMBER
- UNDERGROUND CONDUIT
- HANDHOLE
- SERVICE ENTRANCE AND CONTROLS LOCATION
- UNDERGROUND PVC OR STEEL SERVICE ENTRANCE CONDUIT.



03/27/2024 - FINAL PLANS

**OATES ASSOCIATES**  
www.oatesassociates.com  
ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME =	JEFF NOLTE	DESIGNED -	JEN	REVISED -	
PLOT SCALE =	1" = 1'	DRAWN -	JEN	REVISED -	
PLOT DATE =	2024-01-17	CHECKED -	XXX	REVISED -	
		DATE -	2024-01-17	REVISED -	

**CITY OF TROY - MARKET ST. STREETSCAPE - PHASE 1**

**ELECTRICAL LIGHTING PLAN**

SCALE: 1" = 20'

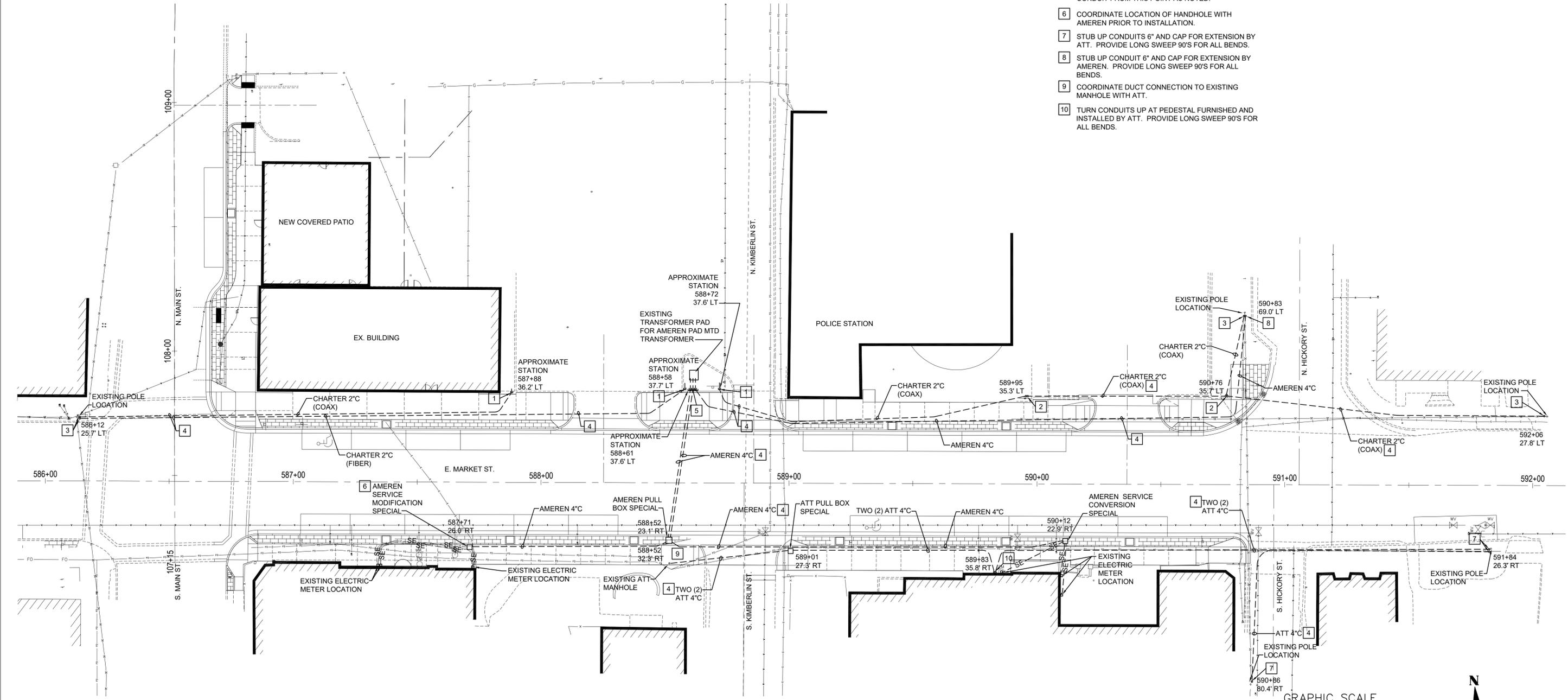
586+00 592+06

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		MADISON	31	27
MARKET ST. STREETSCAPE - PHASE 1				
CITY OF TROY	ILLINOIS	LOCAL		

PLAN	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK	ALIGNED	DATE
	CHECKED	BY
NO.	FILE NAME	DATE
	NO.	BY

PROFILE	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK	GRADES CHECKED	DATE
	STRUCTURE NOTATIONS CHECKED	BY
NO.	FILE NAME	DATE
	NO.	BY

FILE NAME = ROADWAY PLAN.DWG



**GENERAL NOTES**

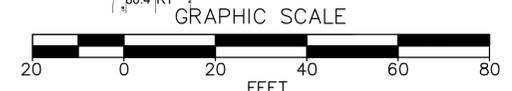
- LOCATE ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF NEW WORK SHOWN ON THIS PLAN. IMMEDIATELY REPAIR ANY DAMAGED UTILITIES TO THE SATISFACTION OF THE OWNER, IN COMPLIANCE WITH OWNER'S REQUIREMENTS.
- CHARTER AND ATT CONDUITS SHALL BE INSTALLED MINIMUM 30" BELOW GRADE. PROVIDE A CONTINUOUS PULL STRING FOR ENTIRE LENGTH OF CONDUITS.
- AMEREN CONDUITS SHALL BE INSTALLED MINIMUM 36" BELOW GRADE. PROVIDE CONTINUOUS PULL STRING FOR ENTIRE LENGTH OF CONDUITS.
- ALL NEW CONDUIT INDICATED TO BE INSTALLED BENEATH ROADWAYS AND DRIVEWAY ACCESS SHALL BE SCHEDULE 80 PVC. THE COST SHALL BE INCLUDED IN THE UNDERGROUND RACEWAY PAY ITEM.
- ELECTRICAL CONDUIT WILL ONLY BE ALLOWED IN THE OUTER 6" OF THE TREE WELLS.

**KEYED NOTES**

- 2" PVC CONDUIT IS STUBBED AT 30" BELOW FINISHED GRADE AND CAPPED AT THE SIDEWALK. EXTEND 2" CHARTER CONDUIT FROM THIS POINT AS NOTED. PROVIDE LONG SWEEP 90'S FOR ALL BENDS. PROVIDE CONTINUOUS PULL STRING FOR ENTIRE LENGTH OF NEW AND EXTENDED CONDUIT.
- STUB UP CONDUIT 6" AND CAP FOR FUTURE COAX PEDESTAL. COORDINATE EXACT LOCATION WITH CHARTER PRIOR TO CONDUIT INSTALLATION. PROVIDE LONG SWEEP 90'S FOR ALL BENDS.
- STUB UP CONDUIT 6" AND CAP FOR EXTENSION BY CHARTER. PROVIDE LONG SWEEP 90'S FOR ALL BENDS.
- PUSH OR BORE CONDUIT BENEATH EXISTING TO REMAIN PAVEMENT OR ROADWAY.
- AMEREN 4" CONDUITS FROM THE TRANSFORMER PAD ARE STUBBED AT 36" BELOW FINISHED GRADE AND CAPPED AT THE SIDEWALK. EXTEND 4" AMEREN CONDUIT FROM THIS POINT AS NOTED.
- COORDINATE LOCATION OF HANDHOLE WITH AMEREN PRIOR TO INSTALLATION.
- STUB UP CONDUITS 6" AND CAP FOR EXTENSION BY ATT. PROVIDE LONG SWEEP 90'S FOR ALL BENDS.
- STUB UP CONDUIT 6" AND CAP FOR EXTENSION BY AMEREN. PROVIDE LONG SWEEP 90'S FOR ALL BENDS.
- COORDINATE DUCT CONNECTION TO EXISTING MANHOLE WITH ATT.
- TURN CONDUITS UP AT PEDESTAL FURNISHED AND INSTALLED BY ATT. PROVIDE LONG SWEEP 90'S FOR ALL BENDS.

**SYMBOLS LEGEND**

- UNDERGROUND CONDUIT
- [ ] HANDHOLE
- SE-SE- UNDERGROUND PVC OR STEEL SERVICE ENTRANCE CONDUIT.



03/27/2024 - FINAL PLANS



USER NAME =	JEFF NOLTE	DESIGNED -	JEN	REVISED -	
PLOT SCALE =	1" = 1'	DRAWN -	JEN	REVISED -	
PLOT DATE =	2024-01-17	CHECKED -	XXX	REVISED -	
		DATE -	2024-01-17	REVISED -	

**CITY OF TROY - MARKET ST. STREETSCAPE - PHASE 1**

**UTILITY CONDUIT PLAN**

SCALE: 1" = 20'	586+00	592+06
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		MADISON	31	28
MARKET ST. STREETSCAPE - PHASE 1				
CITY OF TROY	ILLINOIS	LOCAL		

PLAN	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK NO.	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK NO.	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	

FILE NAME = ROADWAY PLAN.DWG

STREET LIGHTING SUMMARY OF RACEWAY AND CONDUIT										
LOCATION	CONDUCTORS (FT)	CONDUIT (FT)	CONDUIT CAP SP (EA)		DIR. BORE SP (FT)					
FROM	TO	#4	#6	#10	1.5"	2"	1.5"	2"	1.5"	2"
586+73 167.5' LT	586+75 120.4' LT				50		1			
586+73 167.5' LT	586+70 40.2' LT				130		1			
586+70 40.2' LT	588+69 41.5' LT				160				50	
586+75 120.4' LT	586+90 22.7' LT	360		600	220					
586+90 22.7' LT	588+69 41.5' LT	627	418		138				50	
586+90 22.7' LT	588+55 23.2' LT			1260	120				50	
588+55 23.2' LT	588+69 41.5' LT	129	387		44					
588+55 23.2' LT	590+15 23.2' LT	528	880	262					70	
588+67 23.1' LT	590+87 24.3' LT				296		2		150	
588+67 23.1' LT	588+69 41.5' LT				90					
590+15 23.2' LT	590+87 24.3' LT				35		1		40	
586+76 23.3' RT	587+74 20.4' RT				101		1			
586+76 23.3' RT	588+56 23.1' RT				183		1			
587+74 20.4' RT	588+56 23.1' RT	294	490	176						
588+56 23.1' RT	588+69 41.5' LT	258	430	599					325	
588+56 23.1' RT	588+67 23.1' LT								106	
588+56 23.1' RT	589+39 23.3' RT	288	192	180	72				100	
588+56 23.1' RT	590+87 22.6' RT				368		2		100	
589+39 23.3' RT	590+80 23.3' RT	474		790	296					
590+80 23.3' RT	590+87 22.6' RT				9		1			
<b>TOTALS</b>		2007	1991	5186	1341	1409	4	6	260	781

LUMINAIRE AND HANDHOLE SCHEDULE					
STATION (TO CENTER OF STRUCT.)	OFFSET	LIGHT POLE FDN 30D SP (FOOT)	ORNAMENTAL LIGHT UNIT COMPLETE SP (EACH)	HANDHOLE SP 1(EACH)	HANDHOLE SP 2(EACH)
586+73	167.5' LT	8.0	1		
586+90	22.7' LT	8.0	1		
588+55	23.2' LT	8.0	1		
590+15	23.2' LT	8.0	1		
587+74	23.3' RT	8.0	1		
589+39	23.3' RT	8.0	1		
590+80	23.3' RT	8.0	1		
586+70	40.2' LT				1
588+56	23.1' RT			1	
588+67	23.1' LT			1	
<b>TOTALS</b>		56	7	2	1

ELECTRICAL SERVICE SCHEDULE		
STATION (TO CENTER OF STRUCT.)	OFFSET	ELECT SERV MOD SP (EACH)
588+69	41.5' LT	1
<b>TOTALS</b>		1

UTILITY SUMMARY OF RACEWAY AND CONDUIT								
LOCATION	CONDUIT (FT)	DIR. BORE SP (FT)		CONDUIT CAP SP (EA)				
FROM	TO	2"	4"	2"	4"	2"	4"	
588+12 25.7' LT	587+88 36.2' LT	125		60			1	
588+12 25.7' LT	588+58 37.7' LT	158		95			1	
588+61 37.6' LT	588+52 23.1' RT					130		
588+61 37.6' LT	590+83 69.0 LT		213		55		1	
588+72 37.6' LT	589+95 35.3' LT	114		20			1	
589+95 35.3' LT	590+76 35.7' LT			85			2	
590+76 35.7' LT	590+83 69.0 LT	39					2	
590+76 35.7' LT	592+06 27.8' LT			134			2	
587+71 26.0' RT	588+52 23.1' RT		85					
588+52 23.1' RT	590+12 22.9' RT		123		40			
588+52 32.3' RT	589+01 27.3' RT				110			
589+01 27.3' RT	589+83 35.8' RT		188					
589+83 35.8' RT	591+84 26.3' RT				422		2	
590+86 80.4' RT	591+84 26.3' RT				150		2	
<b>TOTALS</b>		436	609	394	907		9	5

UTILITY HANDHOLE AND SERVICE SCHEDULE					
STATION (TO CENTER OF STRUCT.)	OFFSET	AMEREN SERVICE MODIFICATION SP (EACH)	AMEREN PULL BOX SP (EACH)	ATT PULL BOX SP (EACH)	AMEREN SERVICE CONVERSION SP (EACH)
587+71	26.0' RT	1			
588+52	23.1' RT		1		
589+01	27.3' RT			1	
590+12	22.9' RT				1
<b>TOTALS</b>		1	1	1	1

03/27/2024 - FINAL PLANS



USER NAME =	JEFF NOLTE	DESIGNED -	JEN	REVISED -	
PLOT SCALE =	1' = 1'	DRAWN -	JEN	REVISED -	
PLOT DATE =	2024-01-17	CHECKED -	XXX	REVISED -	
		DATE -	2024-01-17	REVISED -	

CITY OF TROY - MARKET ST. STREETScape - PHASE 1

ELECTRICAL SUMMARY SHEET

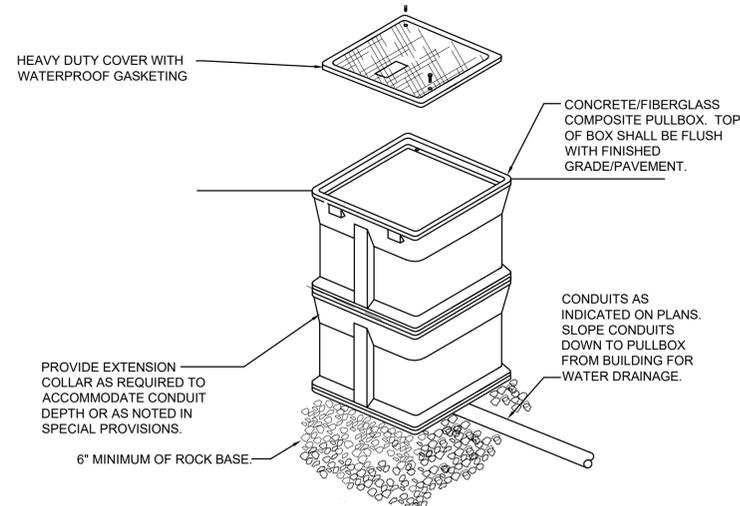
SCALE: NO SCALE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		MADISON	31	29
MARKET ST. STREETScape - PHASE 1				
CITY OF TROY		ILLINOIS	LOCAL	

DATE	
BY	
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
CADD FILE NAME	
PLAN	
NOTE BOOK NO.	

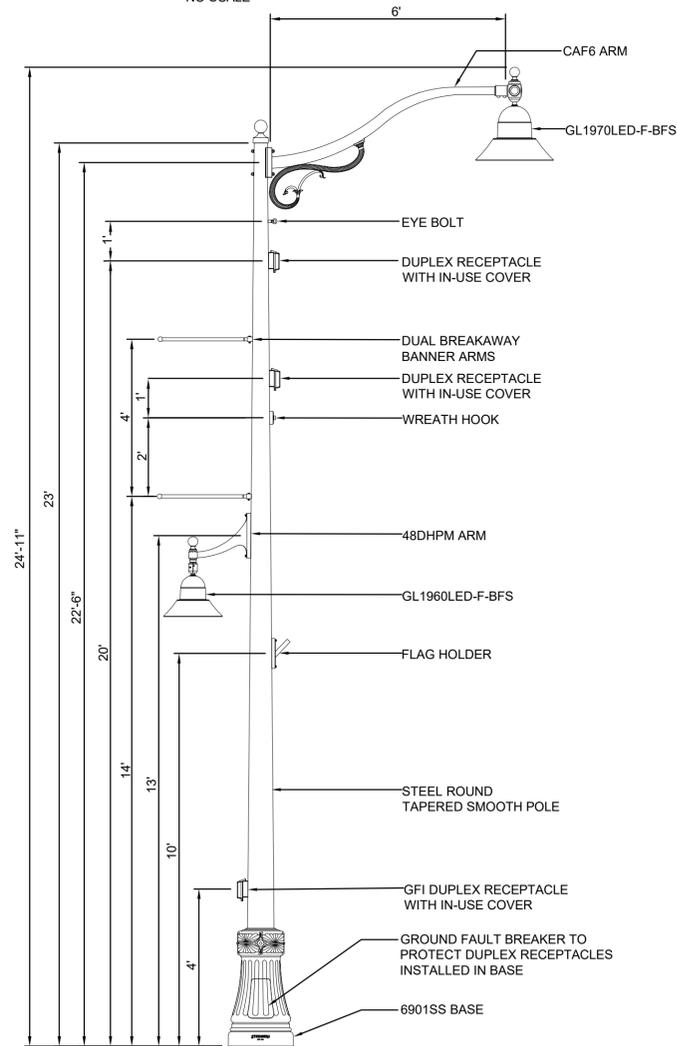
DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHKD	
PROFILE	
NOTE BOOK NO.	

FILE NAME = ROADWAY PLAN.DWG



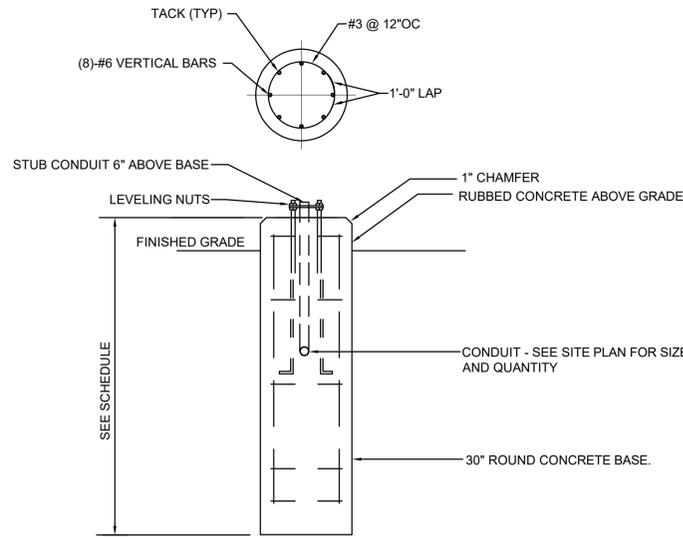
**HANDHOLE SPECIAL 1, 2, AMEREN SPLICE BOX, ATT PULL BOX, AMEREN PULL BOX SPECIAL**

NO SCALE



**ORNAMENTAL LIGHT UNIT COMPLETE SPECIAL (FIXTURE TYPE SB) POLE ELEVATION**

NOT TO SCALE

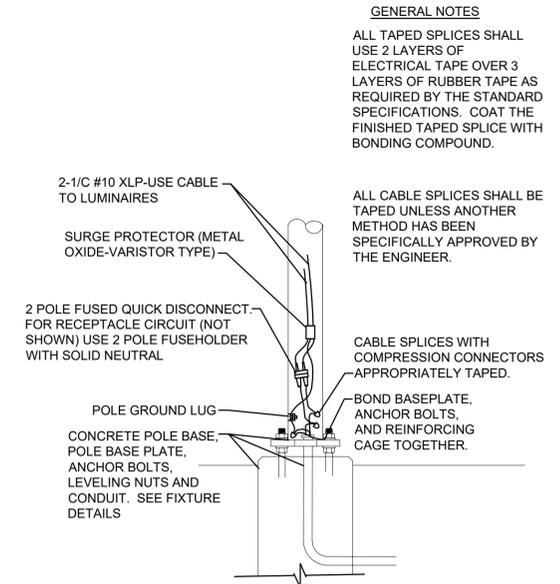


NOTE: BOND BASEPLATE, ANCHOR BOLTS, AND REINFORCING CAGE TOGETHER.

FIXTURE TYPE	TOTAL BASE DEPTH	BASE HEIGHT ABOVE GRADE
SB	8'-0"	1"

**LIGHT POLE FOUNDATION 30" DIA. SPECIAL DETAIL**

NO SCALE



**TYPICAL FIXTURE WIRING DETAIL**

NO SCALE

**LIGHT FIXTURE SCHEDULE**

	MANUFACTURER & CATALOG No.	VOLTAGE	LAMPS	MOUNTING	DESCRIPTION & REMARKS
SB	STERNBERG 1A-GL1970LED-F-BFS-40L40T4-MDL012-CA-HSHB / CAF6 / 1AM-GL1960-F-BFS-16L40T2-MDL012-CA-EZ / 480DHPM / 6923SRTS/ BCC4/ FH-BDBA-26"-2-DPL IUC-1-GFI IUC-WHK/GFB/BK	240	40 LEDS TYPE 4 DISTRIBUTION (ROADWAY) 16 LEDS TYPE 2 DISTRIBUTION (SIDEWALK), 4000K	DECORATIVE POLE	DECORATIVE STREETSCAPE FIXTURE WITH DECORATIVE BASE COVER AND DECORATIVE STEEL POLE. ONE (1) DECORATIVE LED FIXTURE WITH HANG-STRAIGHT FITTER ON DECORATIVE ARM (ROADWAY), ONE (1) DECORATIVE LED FIXTURE WITH DECORATIVE ARM (SIDEWALK), DUAL BANNER ARMS, WREATH HOLDER, FLAGPOLE HOLDER, ONE (1) GFI DUPLEX OUTLET WITH IN-USE COVER, TWO (2) DUPLEX OUTLETS WITH IN-USE COVERS AND GFI PROTECTION DEVICE LOCATED IN THE HANDHOLE. FIXTURES SHALL BE INDIVIDUALLY FUSED. FINISH FOR ALL SHALL BE BLACK. SEE POLE ELEVATION, POLE BASE DETAIL AND TYPICAL WIRING DETAILS ON THIS SHEET.

PANEL NO: EXISTING PP1 SERVICE ENTRANCE RATED										22000 AIC	
VA	FUNCTION	SIZE	CKT	PH	CKT	SIZE	FUNCTION	VA			
			1	A	2	200A/2P	main breaker	-			
			3	B	4			-			
	tvss	60A/2P	5	A	6	20A/1P	controls	50			
			7	B	8	20A/1P	pedestal recpt	180			
1600	event recpt	20A/1P	9	A	10	20A/1P	pedestal light	100			
1600	event recpt	20A/1P	11	B	12	20A/1P	spare	0			
1600	EVENT RECPT	1	13	A	14	20A/1P	spare	0			
1600	EVENT RECPT	1	15	B	16	20A/1P	spare	0			
1600	EVENT RECPT	1	17	A	18	20A/1P	spare	0			
1600	EVENT RECPT	1	19	B	20	20A/1P	spare	0			
1600	EVENT RECPT	1	21	A	22	20A/1P	spare	0			
1600	EVENT RECPT	1	23	B	24	20A/1P	spare	0			
1600	EVENT RECPT	1	25	A	26	20A/1P	spare	0			
0	spare	20A/1P	27	B	28	20A/1P	spare	0			
0	spare	20A/1P	29	A	30	20A/1P	spare	0			
0	spare	20A/1P	31	B	32		SPACE	-			
0	spare	20A/1P	33	A	34		SPACE	-			
0	spare	40A/2P	35	B	36		SPACE	-			
0	spare	40A/2P	37	A	38		SPACE	-			
0	spare	40A/2P	39	B	40	100A/2P	sub feed panel sp1	1796			
0	spare	40A/2P	41	A	42			2156			
PHASE		A	B		TOTALS		VOLTS: 120/240V, 1Ø, 3W				
VOLTAMPS		10306	8376	18682							
MAINS:	200 AMP MAIN BREAKER	POLES: 42 POSITIONS		MOUNTING: INSIDE PEDESTAL							

PANEL NO: EXISTING SP1 (CONTROLLED PORTION OF PANEL)										22000 AIC	
VA	FUNCTION	SIZE	CKT	PH	CKT	SIZE	FUNCTION	VA			
102	parking lot lts	20A/2P	1	A	2	20A/1P	CHRISTMAS RECPTS	360	1		
102			3	B	4	20A/1P	CHRISTMAS RECPTS	720	1		
351	STREETSCAPE LTG	1	5	A	6	20A/1P	CHRISTMAS RECPTS	360	1		
351			7	B	8	20A/1P	CHRISTMAS RECPTS	360	1		
263	STREETSCAPE LTG	1	9	A	10	20A/1P	CHRISTMAS RECPTS	720	1		
263			11	B	12	20A/1P	spare	0			
0	spare	20A/2P	13	A	14	20A/1P	spare	0			
0	spare	20A/1P	15	B	16		space				
0	spare	20A/1P	17	A	18		space				
	space		19	B	20		space				
	space		21	A	22		space				
	space		23	B	24		space				
	space		25	A	26		space				
	space		27	B	28		space				
	space		29	A	30		space				
PHASE		A	B		TOTALS		VOLTS: 120/240V, 1Ø, 3W				
VOLTAMPS		2156	1796		3952						
MAINS:	100 AMP MLO	POLES: 30 POSITIONS		MOUNTING: INSIDE PEDESTAL							

**GENERAL NOTES**

- FOR EXISTING PANELS, EXISTING LOAD DESCRIPTIONS ARE INDICATED IN lower case text. REVISIONS TO LOAD DESCRIPTIONS ARE INDICATED IN UPPER CASE TEXT. REVISIONS/ADDITIONS TO BREAKERS ARE AS NOTED.

**KEYED NOTES**

- UTILIZE EXISTING SPARE BREAKER TO FEED LOAD INDICATED.

**03/27/2024 - FINAL PLANS**



USER NAME =	JEFF NOLTE	DESIGNED -	JEN	REVISED -	
PLOT SCALE =	1' = 1'	DRAWN -	JEN	REVISED -	
PLOT DATE =	2024-01-17	CHECKED -	XXX	REVISED -	
		DATE -	2024-01-17	REVISED -	

**CITY OF TROY - MARKET ST. STREETSCAPE - PHASE 1**

**ELECTRICAL DETAILS & SCHEDULES**

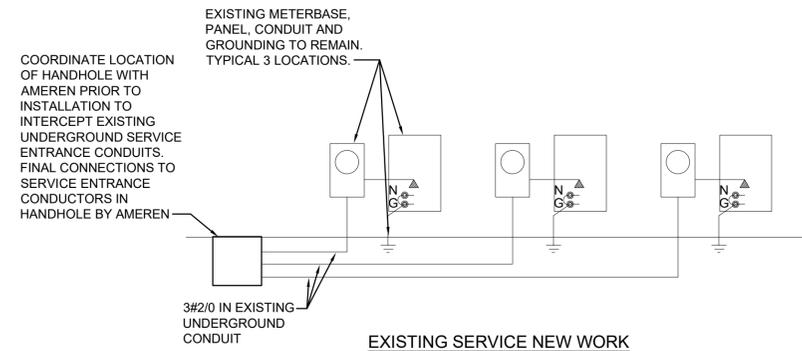
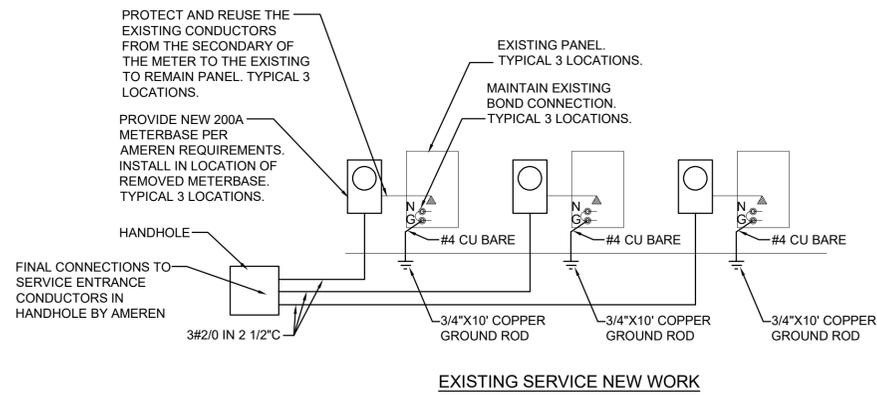
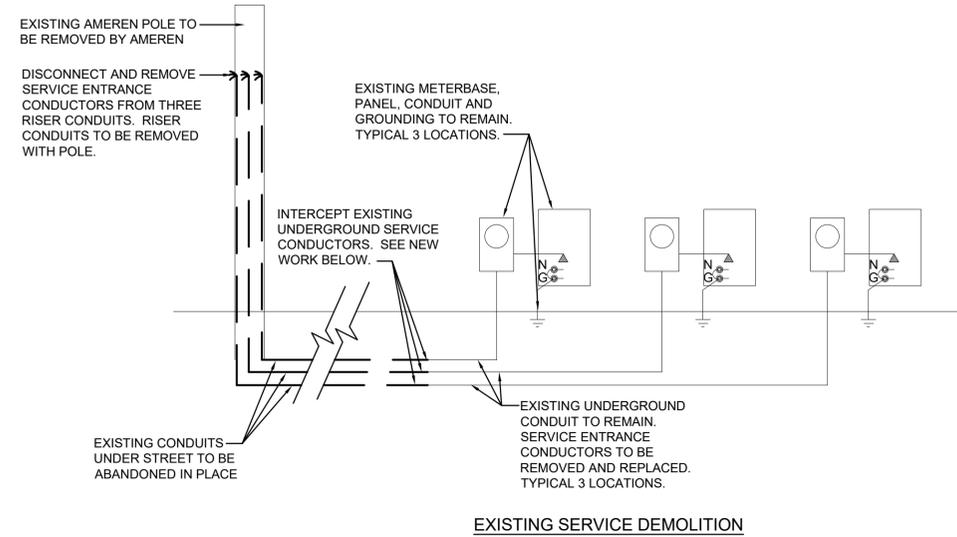
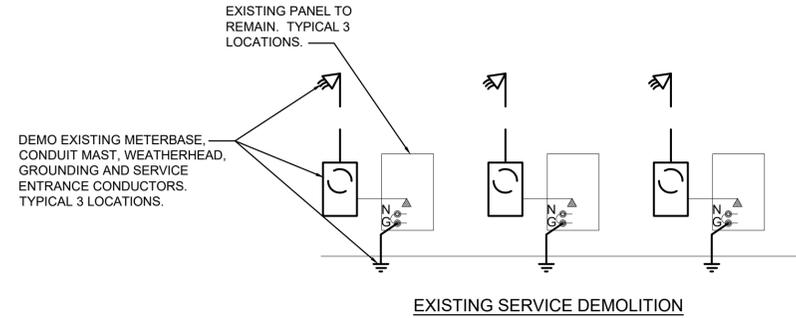
SCALE: NO SCALE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		MADISON	31	30
MARKET ST. STREETSCAPE - PHASE 1				
CITY OF TROY	ILLINOIS	LOCAL		

PLAN	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK NO.	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK NO.	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	

FILE NAME = ROADWAY PLAN.DWG



**AMEREN SERVICE CONVERSION SPECIAL**  
NO SCALE

**AMEREN SERVICE MODIFICATION SPECIAL**  
NO SCALE

03/27/2024 - FINAL PLANS



USER NAME =	JEFF NOLTE	DESIGNED -	JEN	REVISED -	
PLOT SCALE =	1' = 1'	DRAWN -	JEN	REVISED -	
PLOT DATE =	2024-01-17	CHECKED -	XXX	REVISED -	
		DATE -	2024-01-17	REVISED -	

CITY OF TROY - MARKET ST. STREETSCAPE - PHASE 1

ELECTRICAL DETAILS

SCALE: NO SCALE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		MADISON	31	31
MARKET ST. STREETSCAPE - PHASE 1				
CITY OF TROY	ILLINOIS	LOCAL		