WE ARE BUILDING
A BETTER HARVEY

Integrity . Unity . Pride

Christopher J. Clark, Mayor
CITY OF HARVEY

REQUEST FOR BIDS

Bid Number: 2022-01-01

for

2022 154th Street Sidewalk Improvements

BID NUMBER:	2022-01-01
BID ISSUE DATE:	Tuesday, January 11, 2022
QUESTIONS DUE:	Tuesday, January 18, 2022 by 5:00pm (CT)
BID DUE:	Tuesday, January 25, 2022 by 5:00pm (CT)
BID OPENING DATE:	Wednesday, January 26, 2022 by 10:00am (CT)
AWARD OF BID:	The City anticipates staff selecting a firm by the end of February.

INVITATION TO BID
154th STREET SIDEWALK IMPROVEMENTS PROJECT
CITY OF HARVEY

THE CITY OF HARVEY, ILLINOIS, acting pursuant to the City's charter, will receive bids by email at procurement@cityofharveyil.gov for the improvement of sidewalk and ADA intersections within the City until Tuesday, January 25, 2022 by 5:00pm (CT).

Bids will be publicly opened and read aloud Wednesday, January 26, 2022 by 10:00am (CT) in the City's Conference Chambers and via Microsoft Teams. Bids should be submitted via email with the subject line "2022 154th STREET SIDEWALK IMPROVEMENTS PROJECT BID– [COMPANY NAME]."

Bids are being solicited only from responsible and established bidders known to be experienced and regularly engaged in the work of sidewalk removal and replacement and ADA intersection construction. Satisfactory evidence that the bidder has the necessary capital, equipment, experience, and personnel to do the work may be required.

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1. GENERAL INFORMATION FOR THE BIDDER

1.1. QUALIFICATION REQUIREMENTS

Bids are solicited only from responsible bidders known to be experienced and regularly engaged work of similar character and scope to that covered in this Request for Bids ("RFB"). Satisfactory evidence that the bidder has the necessary capital, equipment, experience, and personnel to do the work may be required.

1.2. BID FORM

Bids must be submitted using the bid forms furnished by the City (See Section 3). Bidders not responding to all of information requested in this RFB may have their bids rejected. The City Council reserves the right to reject any and all bids and to accept any bid which, in its opinion, is most advantageous to the City. Bids submitted must remain valid for at least sixty (90) days past the response date provided in this RFB.

1.3. RESPONSE DATE

To be considered, bids must be received at the City on or before the time specified in the Invitation to Bid. The contractor's name must be included in the email subject line. All information submitted in the bid, including but not limited to bid prices, equipment, etc., must remain valid and available for acceptance by the City for at least ninety (90) days past the submission deadline.

1.4. OPENING OF BIDS

All bids received will be publicly opened and read at the time and place specified in the Invitation to Bid. All bidders are invited to be physically present or participate via Microsoft Teams. Bidders planning to participate via Microsoft Teams must send email to procurement@cityofharveyil.gov requesting an invitation to the Microsoft Teams meeting.

1.5. REJECTION OF BIDS

The City reserves the right to reject any or all bids, in part or in their entirety, or to waive any informality or defect in any bid, or to accept any bid which, in its opinion is deemed most advantageous to the City.

1.6. RESPONSE TO BIDDER QUESTIONS

Explanations desired by a prospective bidder shall be requested of the City by email, and if explanations are necessary, a reply shall be made in the form of an addendum, a copy of which will be forwarded to each bidder.

Every request for such explanation shall be submitted by email to procurement@cityofharveyil.gov by Tuesday, January 18, 2022 by 5:00pm (CT). No inquiry or request received after this deadline will be given consideration.

1.7. BIDDER RESPONSIBILITY

The City of Harvey will not be liable for any cost incurred in the development of a proposal responsive to this request. By submitting a bid to do the work, the Bidder represents that it is fully informed concerning the scope of the project, the requirements of the Contract, the physical conditions likely to be encountered in the work, and the character, quality, and quantity of services required by the City.

If a Bidder desires to do a site visit and tour or otherwise observe the property to better inform Bidder of the above, Bidder must contact the City's Superintendent, Rich Seput at rseput@cityofharveyil.gov prior to Friday, January 21, 2022 by 3:30pm (CT). No site visits or tours will be available after Friday, January 21, 2022.

The Successful Bidder shall furnish all labor materials, supplies, devices, or tools needed to perform the required services. The Bidder will not be entitled to additional compensation if it later determines that conditions require methods or equipment other than those anticipated in making its bid. In addition, the Successful Bidder shall provide all vehicles and other equipment and material necessary for the work. Bidders having questions regarding this RFB should request clarification before submitting a bid. Negligence or inattention of the Bidder in filing a bid, or in any phase of the performance of the work, shall be grounds for refusal of the City to agree to additional compensation. Bidders having questions regarding this RFB contact the City for clarification.

1.8. CONTRACT EXECUTION

The bidder to whom the Contract is awarded shall, within ten (10) calendar days after the notice of award, enter into a written contract with the City. Failure to execute a contract will be considered abandonment of the award and the City shall have no further obligation to that bidder.

1.9. INCURRING COSTS

The City is not liable for any costs incurred by contractors prior to the issuance of a Contract.

1.10. MATERIAL SUBMITTED

All materials submitted as part of a bid will become the property of the City. The City reserves the right to use any or all ideas presented.

1.11. LENGTH OF CONTRACT

Bids shall address, to the greatest extent possible, all possible service delivery impacts, including, but not limited to, bid prices, equipment, etc., throughout the term of the contract. The City seeks to have the demolition of twenty (20) residential properties completed within ninety days (90) from signing of contract. This contract shall also be subject to appropriation by the City Council. In the absence of an appropriation, a contract issued pursuant to this RFB shall be void and of no effect.

2. BID SPECIFICATIONS

2.1. DEFINITIONS

"Bids" – shall be defined as an announcement of terms indicating what items are needed to complete a project.

"Bidders" – shall be defined as any person(s) or company that attempts to meet the terms of the bid.

"City" – shall mean the City of Harvey.

"Contract" – shall mean the contract between the City and the Successful Bidder

"Successful Bidders" – shall be defined as the bidder who is chosen by the City Council to enter into a contract with the City.

These definitions are meant as guides for understanding and are not binding explanations.

2.2. PROJECT NARRATIVE

The City of Harvey is requesting bids from qualified contractors to complete sidewalk and intersection improvements along a one mile stretch on 154th Street in Harvey, IL. The improvements include, but are not limited to: Curb removal and replacement, concrete removal and replacement, ADA ramp installation, and sod work.

2.3. SCOPE OF WORK

Improvements will be made in accordance with the plans. This shall include, but are not limited to, the items listed in section 2.2.

2.4. QUALIFICATIONS

A detailed description of the primary contact's background, as well as the bidder's background and previous experience shall be included with the proposal. Background information and experience shall also be submitted for all key personnel that will be working with the City. In the event that portions of the work are to be subcontracted or a joint affiliation utilized, details of such affiliation shall be furnished along with the same information as required for the bidder.

2.5. PROPOSAL REQUIREMENTS

A response to this RFB must outline in detail the manner in which they would work with the City to fulfill City's needs. A complete proposal will include the following:

- **Cover Letter.** Cover letter include a brief summary of the qualifications of the contractor.
- **Professional License.** Copies of current professional licenses, including any minority owned business forms.
- **Certifications.** Copies of any certifications achieved relevant to the services requested.
- **Statement of Qualifications.** The bidders shall include a brief work history, titles of employees, and list experience and number of demolition and deconstruction services;
- **Price Proposal.** The cost to provide the following services outlined in the Scope of Work.
- **Expectations.** Expectations and requirements of the City of Harvey.
- **Additional Information.** Other such information that is required for the City to evaluate the quality and completeness of the proposed project:

- Three (3) References: Please provide a list of at least three (3) professional references for whom the contractor has or is currently providing similar services. Please include the contact person's name, company or firm, and telephone number and email address for the contact. Provide references for services performed within the last twelve (12) months.
- Legal Actions: Please provide a list of any pending litigation in which the bidder may experience significant financial settlement and include a brief description of the reason for legal action. If no legal action is pending, include a section in the proposal marked "Legal Actions – None."
- Conflict of Interest: Provide information regarding any potential conflict of interest. Failure to reveal any potential conflict of interest at the time of proposal may represent a breach of contract, subject to penalties as appropriate.
- Statement concerning amount of anticipated participation by MBE/WBE firms as contractor or subcontractor in project, what steps Bidder has taken to secure MBE/WBE participation as per the requirements of the MBE/WBE county ordinance, and whether Bidder will seek a waiver to exempt Bidder from complying with MBE/WBE county policy.
- Statement concerning efforts that have been or will be taken to recruit and hire local workers to meet project needs, if any.
- Certificate of Insurance: To include general liability and errors and omissions. Bidder must list City of Harvey, Illinois as an additional insured party upon successful contract.
- Certificate of Good Standing (Corporation) or Certificate of Existence (Limited Liability Company) issued by the Illinois Secretary of State (If Respondent is a joint venture, a Certificate of Good Standing or Certificate of Existence, as applicable, must be submitted for each entity comprising the joint venture.)

2.6. ASSIGNMENTS OF SUBCONTRACTING

The Successful Bidder shall not assign, subcontract or otherwise transfer its duties and/or obligations under this proposal, without prior written consent of the City. If the bidder anticipates that it will need to subcontract its duties in order to fulfill the Contract requirements, that information must be disclosed in the Bidder's response.

2.7. FAIR EMPLOYMENT PRACTICES

The Successful Bidder agrees to not discriminate against any employee or applicant for employment, to be hired in the performance of the contract with respect to hire, tenure, term, conditions or privileges of employment, or any other matter directly or indirectly related to employment, because of sex, race, color, religion, nation origin, ancestry, handicap or any other basis prohibited by State or Federal law or regulations.

2.8. PREVAILING WAGES

As applicable when this Contract calls for the construction of a "public work", within the meaning of the Illinois Prevailing Wage Act, 820 ILCS 130/.01 et. seq. ("the Act"), then the Act requires all contractors and subcontractors to pay laborers, workers and mechanics performing services on public works projects no less than "prevailing rate of wages", defined as hourly cash wages plus fringe benefits, in the

county where the work is performed. The Contractor is solely responsible to ascertaining the current and applicable Prevailing Wages for the work; and determining, and complying with, all other applicable provisions of Illinois statutes pursuant to this section. For information regarding current prevailing wage rates, please refer to the Illinois Department of Labor's website at: http://www.state.il.us/agency/idol/rates.HTM. All contractors and subcontractors rendering services under this Contract must comply with all requirements of the Act, including but not limited to, all wage notice and benefits, posting and record keeping duties. The Contractor should contact the Illinois Department of Labor, if there is uncertainty as to the application of prevailing wages for the Work. By executing this Contract the Contractor acknowledges that it has received written notice from the City of Harvey pursuant to the Act that, as applicable, not less than the prevailing wages as found by the City of Harvey or The Department of Labor or determined by the court on review shall be paid to all laborers, workers and mechanics performing the Work.

2.9. CONTRACTOR'S PAYMENT OF TAXES, PERMITS, ETC.

The Successful Bidder shall be solely responsible for:

A) Payment of wages to its work force in compliance with all Federal and State laws, including the Federal and State Wage and Hour laws.
B) Payment of any and all FICA, unemployment contributions and other payroll-related taxes or contributions required to be paid by the Successful Bidder under State and Federal law.
C) Payment of all applicable Federal, State, or Municipal taxes, charges or permit fees, whether now in force or subsequently enacted.
D) Payment of any and all suppliers, merchants, or vendors from whom the Successful Bidder obtains items and materials related to the contract.

The Successful Bidder shall indemnify and hold the City harmless from all claims arising from the foregoing payment obligations of the Successful Bidder.

2.10. DAMAGE TO PERSONS OR PROPERTY

The Successful Bidder also accepts sole responsibility for any damage to any person or damage to public or private property resulting from their performance of the work, whether based on negligence or any other legal or equitable claim.

The Successful Bidder will protect, defend, and hold harmless the City from any and all damage, claim, liability, or expenses whatsoever, or any amounts paid in compromise there of arising out of or connected with the performance of this contract, including those related to the Successful Bidder's (or its subcontractors') negligence.

2.11. INSURANCE

The Contractor shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from, or in connection with the performance of the Work by the Contractor, his agents, representatives, employees or subcontractors.

Coverage shall be at least as broad as:

- Insurance Service Office Commercial General Liability occurrence form CG 0001 (Ed. 11/85).

- Insurance Service Office Business Auto Liability coverage form number CA 0001 (Ed. 10/90), Symbol 01 "Any Auto" or Business Auto Liability coverage form number CA 0001 (Ed. 1/87) and endorsement CA 0029 (Ed. 2/88) changes in Business Auto and Truckers coverage forms: Insured Contract.
- Workers' Compensation as required by the Labor Code of the State of Illinois and Employers' Liability Insurance.

Contractor shall maintain limits no less than:

- Commercial General Liability: $1,000,000 combined single limit per occurrence for bodily injury, personal injury and property damage. The general aggregate shall be twice the required occurrence limit. Minimum General Aggregate shall be no less than $2,000,000 or a project/contract specific aggregate of $1,000,000.
- Business Automobile Liability: $1,000,000 combined single limit per accident for bodily injury and property damage.
- Workers' Compensation and Employers' Liability: Workers' Compensation coverage with statutory limits and Employers' Liability limits of $1,000,000 per accident.

Any deductibles or self-insured retentions must be declared to and approved by the City. At the option of the City, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the City of Harvey, its officials, agents, employees and volunteers; or the Contractor shall procure a bond guaranteeing payment of losses and related investigation, claim administration and defense expenses.

The policies are to contain, or be endorsed to contain, the following provisions: The City of Harvey, its officials, agents, employees and volunteers are to be covered as insured's in respect to liability arising out of activities performed by or on behalf of the Contractor; products and completed operations of the Contractor; premises owned, leased or used by the Contractor; or automobiles owned, leased, hired or borrowed by the Contractor. The coverage shall contain no special limitations on the scope of protection afforded to the City of Harvey, its officials, agents, employees and volunteers. The Contractor's insurance coverage shall be primary as respects the City of Harvey, its officials, agents, employees and volunteers. Any insurance or self-insurance maintained by the City of Harvey, its officials, agents, employees and volunteers shall be excess of Contractor's insurance and shall not contribute with it.

Any failure to comply with reporting provisions of the policies shall not affect coverage provided to City of Harvey, its officials, agents, employees and volunteers.

The Contractor shall furnish the City with certificates of insurance naming the City of Harvey, its officials, agents, employees and volunteers as additional insured, and with original endorsements affecting coverage required by this clause. The certificates and endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. The certificates and endorsements shall be submitted to, approved by the City before any of the Work commences. The City reserves the right to request full certified copies of the insurance policies and endorsements.

An Additional Insured Endorsement providing coverage to the City of Harvey, its officials, agents, employees and volunteers shall also be furnished to the City.

2.12. CERTIFICATIONS OF INSURANCE

Included in bid package, Bidders shall provide to the City complete certificates of insurance to meet the above requirements. Policies shall be endorsed to provide the City at least 30 days written notice of reduction, cancellation or intent not to renew coverages as called for above. If insurance is canceled, reduced, non-renewed or otherwise is not in effect to the minimum required coverage, the Successful Bidder must cease work on this bid.

The Successful Bidder shall provide the City with a copy of its required insurance policies and certificates of insurance as described above. If the Successful Bidder does not provide such materials in the time provided for, the Successful Bidder will be disqualified and the bid will be awarded to the next lowest bidder or in the creation of a new request for bids.

2.13. QUALITY OF SERVICE

The City expects the Successful Bidder to maintain all equipment in a clean and well-operating fashion, with special consideration for proper maintenance and care of all elements, items and equipment mentioned in this document. The Successful Bidder will operate in a professional manner and keep all noise and other nuisances to a minimum at all times while under contract with the City. The City is looking to inconvenience the public as little as possible, considering the service Successful Bidder is providing. The Successful Bidder shall file all documents outlined in this RFB in a timely and well-organized manner.

2.14. OPERATION OF VEHICLES

The Successful Bidder shall operate all company vehicles in a manner so as to not impede traffic flow on City streets. Company vehicles are not to be left unattended for any reason except for emergencies or in the actual performance of the job. When a vehicle is left unattended for the actual performance of the job, it shall be according to all City Codes and ordinance in place at that time.

2.15. SUPPORT FACILITIES

Successful Bidder shall have an available office with sufficient staff and communications facilities to assure ready accessibility and prompt response to the needs of the City.

2.16. BREACH OF CONTRACT AND CITY'S RIGHT TO TERMINATE CONTRACT

In the event that any of the provisions of this bid and/or resulting contract are breached by the Successful Bidder, the City shall give written notice to the Successful Bidder of the breach or pattern of behavior that constitutes the breach and allow the Successful Bidder to resolve the breach or pattern of behavior that constitutes the breach within ten (10) calendar days of Successful Bidder's receipt of notice. If the breach or pattern of behavior is not resolved, then the City Administrator of the City of Harvey shall have the right to cancel any contract by sending written notice to the Successful Bidder of the cancellation.

If the Successful Bidder should be judged bankrupt, if it should make a general assignment for the benefit of its creditors, if a receiver should be appointed on account of its insolvency, if it should persistently or repeatedly refuse to supply enough labor, materials and/or equipment to meet the scope of work of the contract, if it should persistently disregard laws of the State of Illinois and/or ordinances of the City, or if it fails to comply and fulfill its obligations under any provision of the contract resulting

from its bid, the City may, without prejudice to any other right or remedy, terminate the contract immediately.

If the Successful Bidder fails to perform or complete the demolition and clean-up of the residential building as agreed or otherwise breaches its duties under this bid or the resulting contract, the Successful Bidder shall be responsible for any and all costs the City incurs in obtaining satisfactory performance of the project and/or litigation costs and attorneys fees to enforce its rights under the bid and this contract. Such relief shall be in addition to any other legal and equitable remedies available to the City.

2.17. CITY'S RIGHT TO MODIFY CONTRACT

The City reserves the right to negotiate with the Successful Bidder for a change in terms of the contract during the term of the contract and to make adjustments relative to the implementation of a change that reduces or modifies the need for the engineering services. If the City and the Successful Bidder are unable to agree on a revised contract, the City may seek new proposals and, upon a minimum of ten (10) calendar days written notice from the City, may terminate the unexpired portion of the contract. The City shall not be liable for any cost under this section beyond the contract price for the period where service is actually provided.

2.18. NO CONFLICT OF INTEREST

The bidder must provide a statement that it has no conflicting financial or professional interests and is qualified to perform the services requested. A bidder working for the City would be considered to have a conflicting interest if they are also performing services for a builder, property owner, developer, or contractor (except IDOT), or might be expected to be active in the City.

2.19. REFERENCES

All Bidders shall include a list of current and prior projects similar to that proposed in this RFB as references for qualifying experience. The name, address, and telephone numbers of the responsible individual(s) at the reference project site who may be contacted shall be included. Particular attention will be paid to references from other municipalities and/or public sector entities within Cook County.

2.20. PAYMENT

The City shall pay for acceptable work within thirty (30) days of receipt of invoice, except that prior to approval of and final payment for the completion of the project, the Successful Bidder must thoroughly clear the project site and any other place affected by the work of all debris to the City's satisfaction, in the City's sole discretion.

2.21. TIME IS OF THE ESSENCE

Time is of the essence in this matter. The Successful Bidder must schedule its work and that of its subcontractors to meet the needs and requirements of the City. The Successful Bidder must perform the work expeditiously in cooperation with the City. The Successful Bidder's sole remedy for any delay caused by the City or its agents, employees, contractors, or subcontractors will be an extension in the contract time; damages will be unavailable to Successful Bidder on such grounds.

BID FORM

Sidewalk Improvements

Item	Unit	Quantity	Rate/Unit	Cost
Removal of Curb and Gutter	LF	1650		
Full Depth Sidewalk Removal	SYS	6891		
Curb and Gutter; B6-12	LF	1210		
Depressed Curb	LF	440		
4” PCC Sidewalk with 4” CA-6	SYS	6229		
Detectable Warning	EACH	88		
Inlet Protection	EACH	38		
Sod	SYS	748		
Pavement Patching	SYS	367		
Total				

_____

Total Cost for Improvements

_____

Name of Company

_____

Name of Authorized Representative

_____

Authorized Representative Signature

154TH STREET SIDEWALK PROJECT

CITY OF HARVEY, COOK COUNTY, ILLINOIS

154TH STREET SECTIONS 17 & 18, TOWNSHIP 36 NORTH, RANGE 14, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS

CONTACT INFORMATION

OWNER
CITY OF HARVEY
MAYOR CHRISTOPHER J. CLARK
15320 BROADWAY AVE
HARVEY, IL 60426
PHONE: 708-210-5300

PUBLIC WORKS DEPARTMENT
110 W 159TH ST.
HARVEY, IL 60426
PHONE: 708-210-5403

HARVEY WATER DEPARTMENT
15320 BROADWAY AVE
HARVEY, IL 60426
PHONE: 708-210-5300

HARVEY FIRE DEPARTMENT
15600 CENTER AVE
HARVEY, IL 60426
PHONE: 911
PHONE: 708-331-7720

HAEGER ENGINEERING
PROJECT SURVEYOR
JEFFERY W. GLUNT
100 E STATE PARKWAY
SCHAUMBURG, IL 60173
PHONE: 847-230-3167

COMED
ELECTRIC UTILITY
4401 W 135TH ST.
CRESTWOOD, IL 60418
PHONE: 312-273-0889

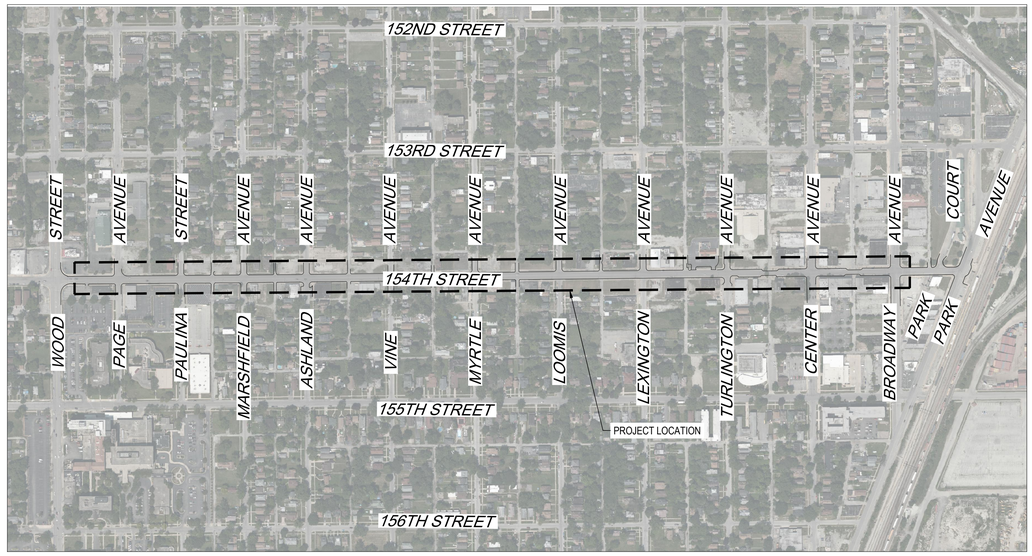
VILLAGE ENGINEER
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1212 N. ASHLAND
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PHONE: 773-403-5137
ENEAGU@ANTEROGROUP.COM

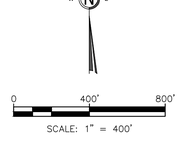
CIVIL ENGINEER
ANNIE MAKUCH
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1212 N. ASHLAND
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NICOR GAS
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1844 FERRY ROAD
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PHONE: 888-642-6748

MWRD
JACK CHAN
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CHICAGO, IL 60611
PHONE: 312-751-3214

LOCATION MAP





SHEET INDEX

SHEET No.	SHEET TITLE
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C-02	GENERAL NOTES
C-03	KEY MAP AND SUMMARY OF QUANTITIES
C-04	DEMOLITION PLAN 01
C-05	DEMOLITION PLAN 02
C-06	DEMOLITION PLAN 03
C-07	DEMOLITION PLAN 04
C-08	SITE PLAN STA 29+70.00 THRU 41+70.00
C-09	SITE PLAN STA 41+70.00 THRU 53+55.00
C-10	SITE PLAN STA 53+55.00 THRU 65+40.00
C-11	SITE PLAN STA 65+40.00 THRU 77+00.00
C-12	154th AND PAGE AVE INTERSECTION DETAILS
C-13	154th AND PAULINA ST INTERSECTION DETAILS
C-14	154th AND MARSHFIELD AVE INTERSECTION DETAILS
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C-18	154th AND LOOMIS AVE INTERSECTION DETAILS
C-19	154th AND LEXINGTON AVE INTERSECTION DETAILS
C-20	154th AND TURLINGTON AVE INTERSECTION DETAILS
C-21	154th AND CENTER AVE INTERSECTION DETAILS
C-22	154th AND BROADWAY AVE INTERSECTION DETAILS
C-23	CONSTRUCTION DETAILS

BENCHMARK

CP # 1143 CROSS NOTCH N: 1801258.9578 E: 1168479.0370 ELEV.: 605.28	CP # 1110 CROSS NOTCH N: 1801143.8009 E: 1168654.7717 ELEV.: 604.87	CP # 9003 BM BOLT ON HYDRANT N: 1801199.0331 E: 1168808.4214 ELEV.: 605.23	CP # 1553 CROSS NOTCH N: 1801197.6983 E: 1168980.6104 ELEV.: 604.45	CP # 603 CROSS NOTCH N: 1801148.6592 E: 1169204.4412 ELEV.: 604.03	CP # 3339 CROSS NOTCH N: 1801152.8347 E: 1169651.5698 ELEV.: 603.67	CP # 606 CROSS NOTCH N:1801161.7565 E: 1170441.9438 ELEV.: 603.05	CP # 607 CROSS NOTCH N: 1801166.9697 E: 1170894.1004 ELEV.: 602.63	CP # 608 CROSS NOTCH N: 1801172.1488 E: 11713929.3756 ELEV.: 602.42	CP # 7145 CROSS NOTCH N: 1801228.5519 E: 1171744.3593 ELEV.: 602.72	CP # 610 CROSS NOTCH N: 1801182.4413 E: 1172227.3674 ELEV.: 602.62	CP # 611 CROSS NOTCH N: 1801187.4481 E: 1172684.6975 ELEV.: 602.40
CP # 1112 CROSS NOTCH N: 1801136.3529 E: 1168477.3016 ELEV.: 605.39	CP # 1109 CROSS NOTCH N: 1801191.7707 E: 1168707.6406 ELEV.: 604.43	CP # 602 CROSS NOTCH N: 1801145.5288 E: 1168871.3103 ELEV.: 604.60	CP # 9005 BM BOLT ON HYDRANT N: 1801206.0062 E: 1169138.4514 ELEV.: 605.42	CP # 9004 BM BOLT ON HYDRANT N: 1801205.4962 E: 1169468.4908 ELEV.: 606.49	CP # 605 CROSS NOTCH N: 1801156.9063 E: 1169995.2346 ELEV.: 603.30	CP # 4176 BM BOLT ON HYDRANT N: 1801221.0087 E: 1170804.8760 ELEV.: 604.78	CP # 4406 BM BOLT ON HYDRANT N: 1801225.6406 E: 1171251.7858 ELEV.: 604.28	CP # 7146 BM BOLT ON HYDRANT N: 1801257.0916 E: 1171694.5646 ELEV.: 603.77	CP # 5740 BM BOLT ON HYDRANT N: 1801238.0162 E: 1172132.1264 ELEV.: 604.73	CP # 5257 BM BOLT ON HYDRANT N: 1801240.4452 E: 1172574.3615 ELEV.: 603.58	CP # 5456 CROSS NOTCH N: 1801179.3366 E: 1172904.4687 ELEV.: 602.41

BASIS OF BEARINGS

HORIZONTAL COORDINATES:
NAD83(2011) ILLINOIS EAST ZONE 1201 STATE PLANE COORDINATES

VERTICAL DATUM:
NAVD88 (GEOID 12A)

TOPOGRAPHY INFORMATION

SURVEY COMPLETED BY HAEGER ENGINEERING ON JULY 28, 2021

FOR REVIEW

Know what's below. Call before you dig.

No.	DATE	REVISION DESCRIPTION

PREPARED FOR
CITY OF HARVEY,
15320 BROADWAY AVENUE
HARVEY, IL 60426

Antero Group

PE STAMP
ISSUED FOR REVIEW
FOR AND ON BEHALF OF ANTERO GROUP

154TH STREET SIDEWALK PLAN

COVER SHEET

CITY OF HARVEY, COOK COUNTY, ILLINOIS

JOB NUMBER: CoH-2021001
DATE: 11/30/2021
SHEET: C-01

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GENERAL NOTES

1. THE ILLINOIS DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS, CURRENT EDITION SHALL GOVERN THE PERFORMANCE OF THE WORK. PROJECT SPECIFICATIONS, SPECIAL PROVISIONS, CONSTRUCTION PLANS AND SUBSEQUENT DETAILS ARE ALSO TO BE CONSIDERED AS PART OF THE CONTRACT. INCIDENTAL ITEMS OR ACCESSORIES NECESSARY TO COMPLETE THE WORK MAY NOT BE SPECIFICALLY NOTED BUT ARE TO BE CONSIDERED AS PART OF THE CONTRACT.
2. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL 811 FOR FIELD LOCATIONS OF ALL UTILITIES.
3. CITY OF HARVEY IS TO BE NOTIFIED OF ANY ROAD CLOSURES AT LEAST 48 HOURS PRIOR TO CLOSURE.
4. ALL PAVEMENT MARKINGS ARE TO BE WHITE, THERMOPLASTIC PER IDOT SPECIFICATIONS.
5. NO CONSTRUCTION PLANS SHALL BE USED FOR CONSTRUCTION UNLESS SPECIFICALLY MARKED "FOR CONSTRUCTION." PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THE WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IN ADDITION, THE CONTRACTOR MUST VERIFY THE ENGINEER'S LINE AND GRADES. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSION OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTION, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.
6. BEFORE ACCEPTANCE BY THE OWNER AND FINAL PAYMENT, ALL WORK SHALL BE INSPECTED AND APPROVED BY THE OWNER OR THEIR REPRESENTATIVES. FINAL PAYMENT WILL BE MADE AFTER ALL OF THE CONTRACTOR'S WORK HAS BEEN APPROVED AND ACCEPTED.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING ANY ROAD OR SIDEWALK OF MATERIAL THAT IS FROM THE PROJECT. THIS WILL BE DONE AT THE CLOSE OF EACH DAY OF WORK OR MORE FREQUENTLY AS MAY BE REQUIRED DUE TO FIELD CONDITIONS.
8. ALL STORM WATER INLETS, CATCH BASINS, AND MANHOLES INTENDED TO TAKE STORM WATER SHALL BE PROTECTED WITH FILTERS. DURING CONSTRUCTION, ALL SEDIMENT SHALL BE REMOVED. ALL FILTERS SHALL BE REPAIRED OR REPLACED AS NEEDED.
9. CONSTRUCTION ACCESS TO THE SITE SHALL BE ONLY AS SHOWN ON THE APPROVED PLANS. ALL VEHICLES LEAVING THE SITE, ONTO PUBLIC RIGHTS OF WAY, SHALL BE CLEANED TO PREVENT "TRACKING" OF MUD, DIRT OR OTHER DEBRIS.
10. ALL SEDIMENT AND DEBRIS SHALL BE KEPT FROM ENTERING THE STORM SEWER STRUCTURES OR IN THE RIGHT-OF-WAY AT ALL TIMES DURING CONSTRUCTION.
11. WARNING DEVICES TO INFORM AND PROTECT THE PUBLIC DURING ALL PHASES OF CONSTRUCTION ARE REQUIRED.
12. THE CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL AREAS AFFECTED BY EQUIPMENT OR LABORERS TO EXISTING CONDITIONS. CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL NEW WORK UNTIL COMPLETION OF THIS CONTRACT.
13. THE CONTRACTOR SHALL INDEMNIFY THE OWNER, THE ENGINEER, AND OTHER AGENCIES FROM ALL LIABILITY INVOLVED IN THE CONSTRUCTION, INSTALLATION, AND TESTING OF THE WORK ON THIS PROJECT.
14. PROPOSED CONSTRUCTION MATERIALS SHALL BE SUBMITTED TO THE OWNER AND ENGINEER FOR APPROVAL IN ADVANCE OF MOBILIZATION. ANY DEVIATION FROM THE APPROVED CONSTRUCTION MATERIALS LIST MUST BE APPROVED BY THE ENGINEER IN WRITING.
15. EXISTING MATERIALS TO BE REMOVED BY CONTRACTOR.
16. ANY DAMAGE TO THE SIDEWALKS SHALL BE REPLACED IN-KIND AT THE CONTRACTOR'S EXPENSE.
17. CONTRACTOR TO FIELD VERIFY LOCATIONS OF ALL CATCH BASINS AND LIGHT POLES IN PROJECT AREA.
18. LOCATIONS ARE APPROXIMATE AND ARE TO BE FIELD VERIFIED BY CITY ENGINEER.
20. QUANTITIES ARE FOR REFERENCE PURPOSES AND SHOULD BE VERIFIED BY CONTRACTOR.
21. DIMENSIONS SHOWN ARE FROM APPROXIMATE PROPERTY BOUNDARY. DIMENSIONS SHOULD BE VERIFIED IN THE FIELD.

DEMOLITION NOTES

1. ALL EROSION CONTROL MEASURES MUST BE IN PLACE PRIOR TO LAND DISTURBANCE.
2. ALL EXISTING UTILITY STRUCTURES AND BUILDINGS ARE TO BE PROTECTED IN PLACE. ANY DAMAGE DONE TO EXISTING UTILITY STRUCTURES OR BUILDING WILL BE AT THE CONTRACTOR'S EXPENSE.
3. DISPOSAL OF MATERIALS SHALL BE IN STRICT ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL RULES AND REGULATIONS.
4. NO PART OF THE SITE SHOULD BE EXPOSED OVERNIGHT.
5. CONTRACTOR SHALL FIELD VERIFY BENCHMARKS AND PROTECT PROPERTY CORNERS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE, IDENTIFY AND REMOVE OR ARRANGE FOR THE REMOVAL OF ANY EXISTING UTILITIES AS INDICATED, INCLUDING BUT NOT LIMITED TO GAS, ELECTRIC, PHONE, CABLE, ETC. (UNLESS OTHERWISE NOTED TO REMAIN OR BY OTHERS) THE CONTRACTOR SHALL COORDINATE WITH ALL LOCAL UTILITY COMPANIES PRIOR TO THE REMOVAL OF THE FACILITIES.
7. DO NOT DISTURB ANY CONIFEROUS OR DECIDUOUS TREES OR BRUSH, EXCEPT THOSE DESIGNATED FOR REMOVAL. DO NOT DISTURB THE AREA BELOW THE DRIP LINE EXCEPT AS SHOWN ON THE DRAWINGS OR DESIGNATED BY THE ENGINEER. FENCE ALL TREES AND SHRUBS ADJACENT TO WORK OR ACCESS AREAS.

UTILITY NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATIONS AND PROTECTION OF ALL EXISTING UTILITIES SHOWN, ALL EXISTING UTILITIES NOT SHOWN, AND ALL PROPOSED UTILITIES ON THESE PLANS.
2. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS TO COMPLETE THE PROPOSED WORK, AND SHALL COMPLY WITH ALL LOCAL STATE AND FEDERAL REGULATIONS.
3. IT IS THE CONTRACTORS RESPONSIBILITY TO MAINTAIN ANY TEMPORARY ROADWAY PATCHES THAT MAY OCCUR IN ORDER TO REOPEN A ROADWAY OR PARKING LOT WHILE CONSTRUCTION ACTIVITY PROGRESSES, UNTIL SUCH TIME A PERMANENT PATCH CAN BE INSTALLED.
4. THE CONTRACTOR SHALL PERFORM THE WORK ACCORDING TO ALL CITY, COUNTY, STATE, AND FEDERAL SAFETY AND HEALTH REGULATIONS. IN PARTICULAR THE "TRENCHING" AND "OPEN EXCAVATION" OPERATIONS SHALL COMPLY WITH ALL CURRENT O.S.H.A. REGULATORY REQUIREMENTS.

EROSION AND SEDIMENT CONTROL NOTES

1. THE CONTRACTOR SHALL INSTALL AND MAINTAIN SOIL EROSION CONTROL DEVICES IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS. ALL STATE AND FEDERAL REQUIREMENTS SHALL BE FOLLOWED.
2. DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING ANY ROAD OR TRAIL OF MATERIAL THAT IS FROM THE PROJECT. THIS WILL BE DONE AT THE CLOSE OF EACH DAY OF WORK OR MORE FREQUENTLY AS MAY BE REQUIRED DUE TO FIELD CONDITIONS.
4. ALL STORM WATER INLETS, CATCH BASINS, AND MANHOLES INTENDED TO TAKE STORM WATER SHALL BE PROTECTED WITH FILTERS. DURING CONSTRUCTION, ALL SEDIMENT SHALL BE REMOVED. ALL FILTERS SHALL BE REPAIRED OR REPLACED AS NEEDED.
5. CONSTRUCTION ACCESS TO THE SITE SHALL BE ONLY AS SHOWN ON THE APPROVED PLANS. ALL VEHICLES LEAVING THE SITE, ONTO PUBLIC RIGHTS OF WAY, SHALL BE CLEANED TO PREVENT "TRACKING" OF MUD, DIRT OR OTHER DEBRIS.
6. ALL SEDIMENT AND DEBRIS SHALL BE KEPT FROM ENTERING THE STORM SEWER STRUCTURES OR IN THE RIGHT-OF-WAY AT ALL TIMES DURING CONSTRUCTION.
7. STOCKPILES ARE TO BE LOCATED IN SAFE AREAS AND ADEQUATELY PROTECTED BY TEMPORARY SEEDING AND MULCHING.
8. THE CONTRACTOR SHALL CONSTRUCT ALL ACCESS, EROSION CONTROL, AND TREE PROTECTION PRIOR TO ANY OTHER WORK. THE CONTRACTOR SHALL MAINTAIN BEST MANAGEMENT PRACTICES DURING CONSTRUCTION. WHEN CONSTRUCTION IS COMPLETE, INCLUDING LANDSCAPING, THE CONTRACTOR SHALL REMOVE ALL TEMPORARY CONTROL AND RECLAIM DISTURBED AREAS ASSOCIATED WITH ACCESS AND EROSION CONTROL.

EXISTING LEGEND

- CONTROL POINT
- CATCH BASIN
- MANHOLE
- BUSH
- CONIFEROUS TREE
- DECIDUOUS TREE
- VALVE BOX
- STREET LIGHT
- HYDRANT
- MONITORING WELL
- SIGN
- PAVEMENT CORE
- 0.29% FLOW ARROW
- BOLLARD
- OVERHEAD ELECTRIC
- ROADWAY CENTERLINE
- RIGHT OF WAY
- BUILDING
- WATER MAIN
- FENCE
- TRENCH DRAIN
- MISC MANHOLE
- TRAFFIC SIGNAL
- TRAFFIC SIGNAL BASE
- HAND HOLE

PROPOSED LEGEND

- SOD (SEE SOD NOTE BELOW)
- ADA DETECTABLE WARNING
- CONCRETE SIDEWALK
- B6-12 CURB & GUTTER
- DEPRESSED CURB
- 0.71% FLOW ARROW

SOD NOTE: SOD INSTALLATION TO INCLUDE 1 YEAR WARRANTY OF THE SOD. CONTRACTOR IS RESPONSIBLE FOR ANY ROUTINE WATERING, REPAIR, OR OTHER MAINTENANCE FOR 1 YEAR AFTER COMPLETION OF THIS PROJECT.

DEMOLITION LEGEND

- FULL DEPTH CONCRETE REMOVAL
- XXXXXXXXXX SAWCUT & CURB REMOVAL
- INLET PROTECTION

FOR REVIEW

No.	DATE	REVISION DESCRIPTION

PREPARED FOR

CITY OF HARVEY,
15320 BROADWAY AVENUE
HARVEY, IL 60426

Antero Group

PE STAMP

ISSUED FOR REVIEW

FOR AND ON BEHALF OF ANTERO GROUP

154TH STREET SIDEWALK PLAN

GENERAL NOTES

CITY OF HARVEY, COOK COUNTY, ILLINOIS

JOB NUMBER CoH-2021001

DATE 11/30/2021

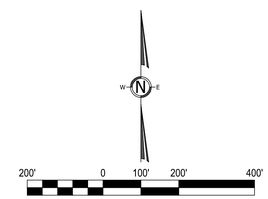
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LOCATION MAP



SUMMARY OF QUANTITIES		
DESCRIPTION	UNITS	QUANTITY
REMOVAL OF CURB AND GUTTER	LF	1650
FULL DEPTH SIDEWALK REMOVAL	SYS	6891
CURB AND GUTTER; B6-12	LF	1210
DEPRESSED CURB	LF	440
4" PCC SIDEWALK WITH 4" CA-6	SYS	6229
DETECTABLE WARNING	EACH	88
INLET PROTECTION	EACH	38
SOD	SYS	748
PAVEMENT PATCHING	SYS	367



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154TH STREET SIDEWALK PLAN

KEY MAP AND SUMMARY OF QUANTITIES

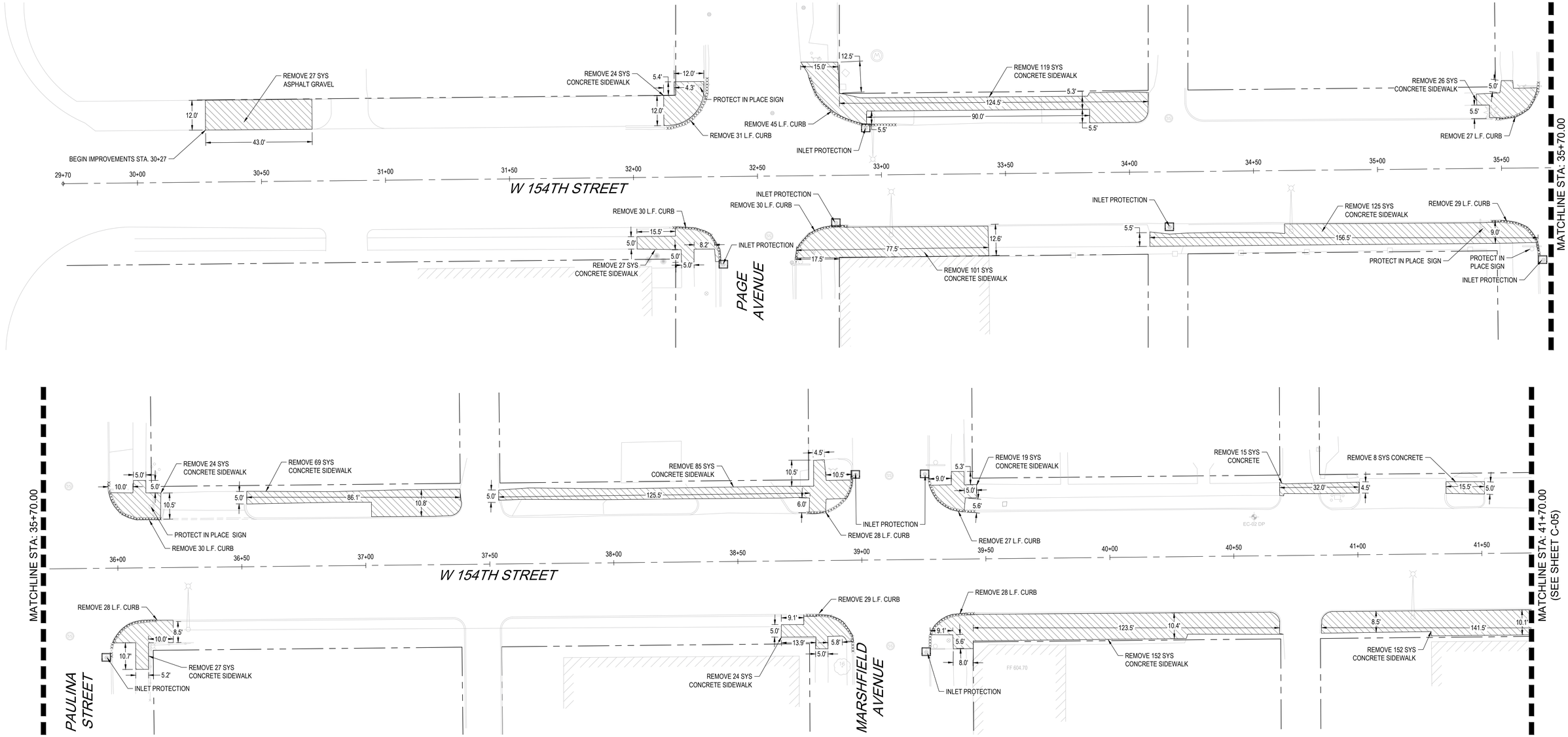
CITY OF HARVEY, COOK COUNTY, ILLINOIS

JOB NUMBER
CoH-2021001

DATE
11/30/2021

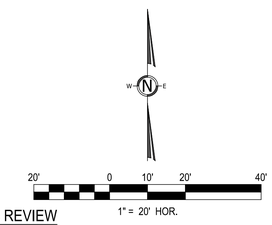
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NOTES:

1. ANY DAMAGE TO THE SIDEWALK PANELS OUTSIDE AREAS DETAILED IN THESE PLANS SHALL BE REPLACED IN-KIND AT THE CONTRACTOR'S EXPENSE.
2. SIDEWALK REMOVAL IS TO LIMITED TO THE SIDEWALK PANEL. NO SAWCUTTING OF SIDEWALK IS ALLOWABLE. DIMENSIONS SHOWN ON DEMOLITION PLANS ARE APPROXIMATELY TO THE LIMITS OF SIDEWALK PANEL. CONTRACTOR IS TO CONFIRM DIMENSIONS PRIOR TO REMOVAL.
3. INLET PROTECTION IS TO BE PLACED IN ALL INLETS WHERE CURB LINES ARE BEING REMOVED.



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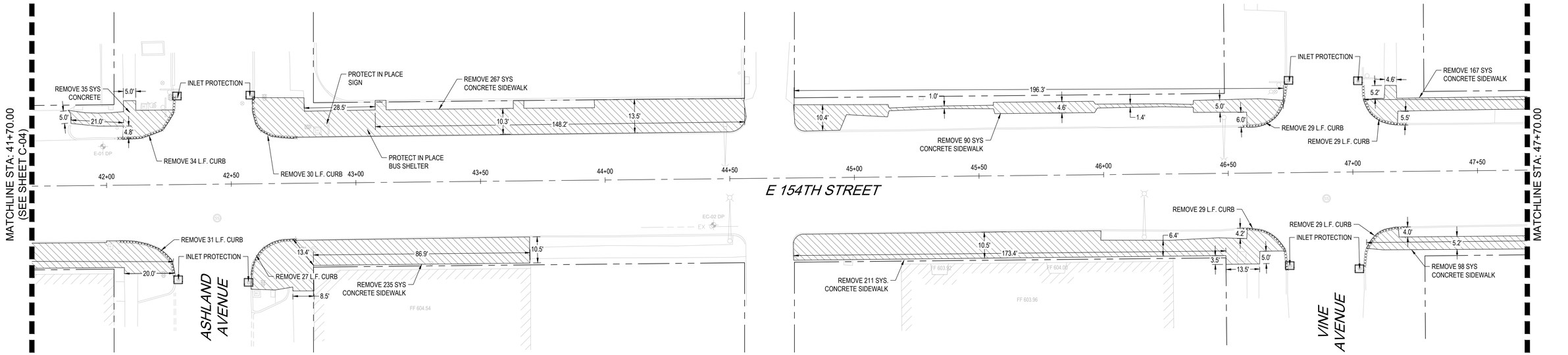
154TH STREET SIDEWALK PLAN

DEMOLITION PLAN STA 29+70.00 THRU 41+70.00

CITY OF HARVEY, COOK COUNTY, ILLINOIS

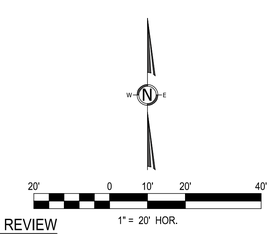
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DATE: 11/30/2021
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15320 BROADWAY AVENUE
HARVEY, IL 60426

Antero Group

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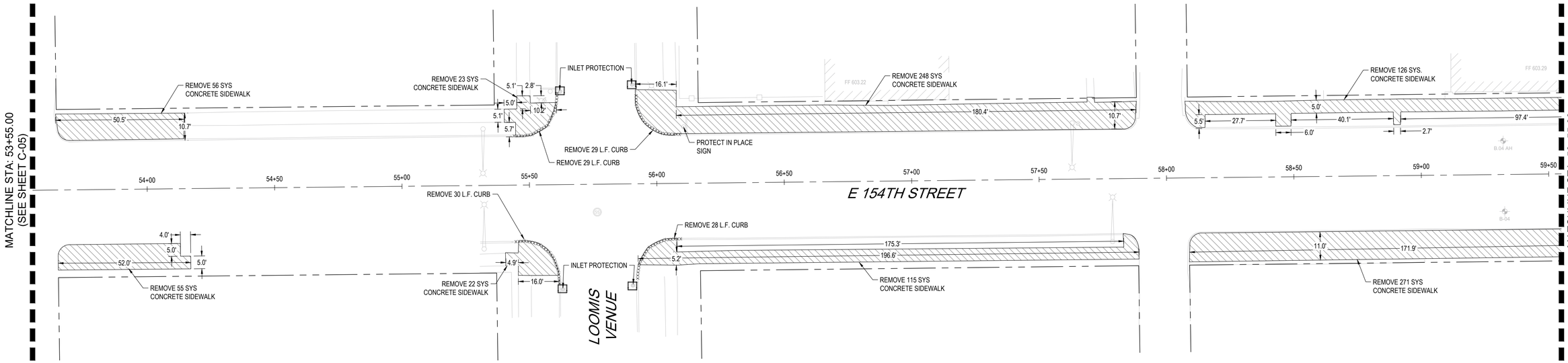
154TH STREET SIDEWALK PLAN

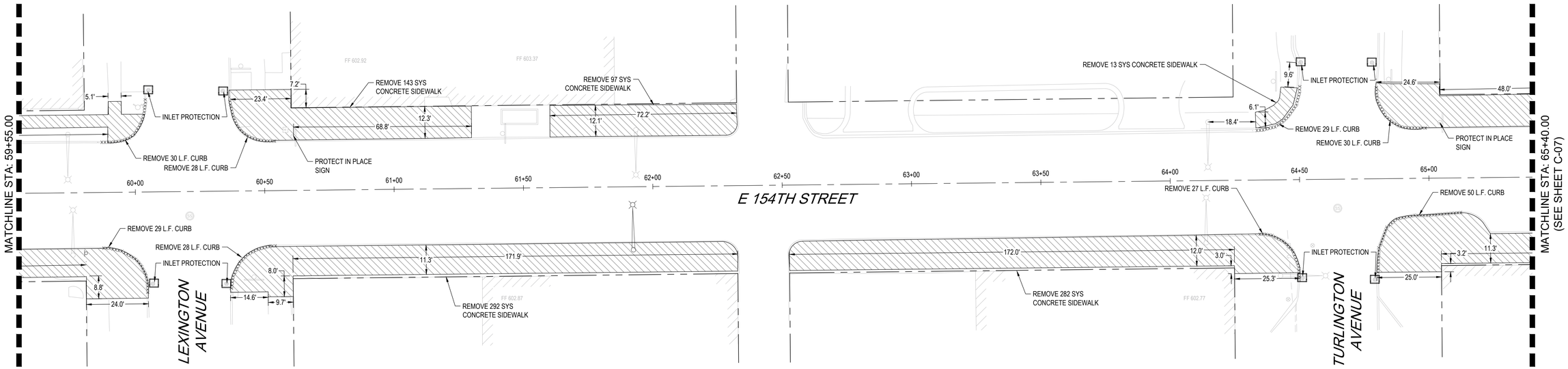
DEMOLITION PLAN STA 41+70.00 THRU 53+55.00

CITY OF HARVEY, COOK COUNTY, ILLINOIS

JOB NUMBER: CoH-2021001
DATE: 11/30/2021
SHEET: C-05

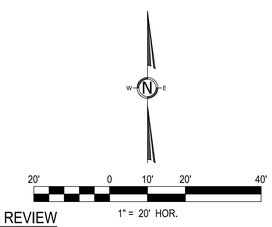
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NOTES:

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FOR REVIEW

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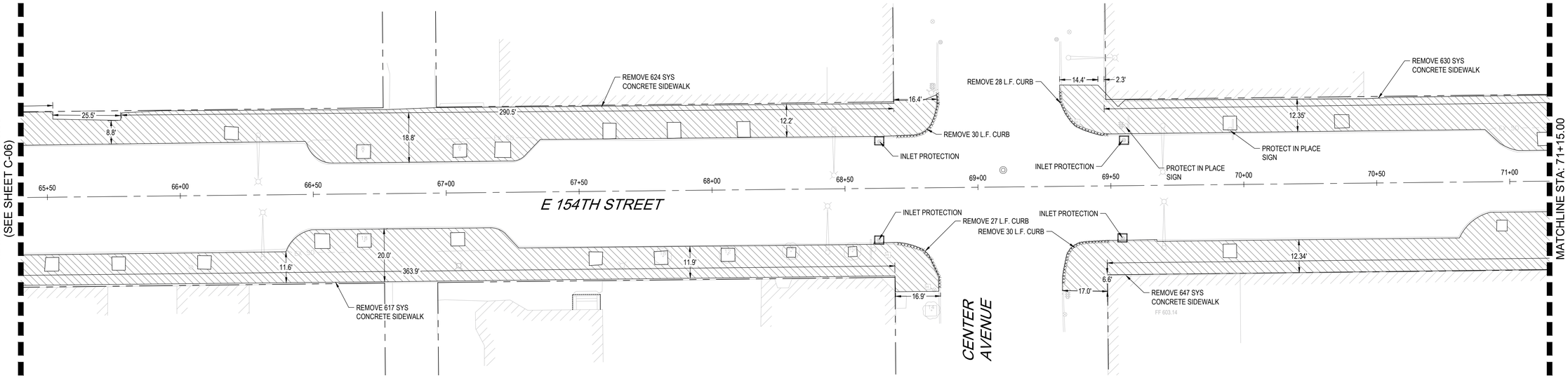
154TH STREET SIDEWALK PLAN

DEMOLITION PLAN STA 53+55.00 THRU 65+40.00

CITY OF HARVEY, COOK COUNTY, ILLINOIS

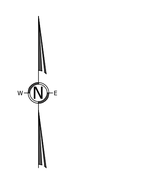
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NOTES:

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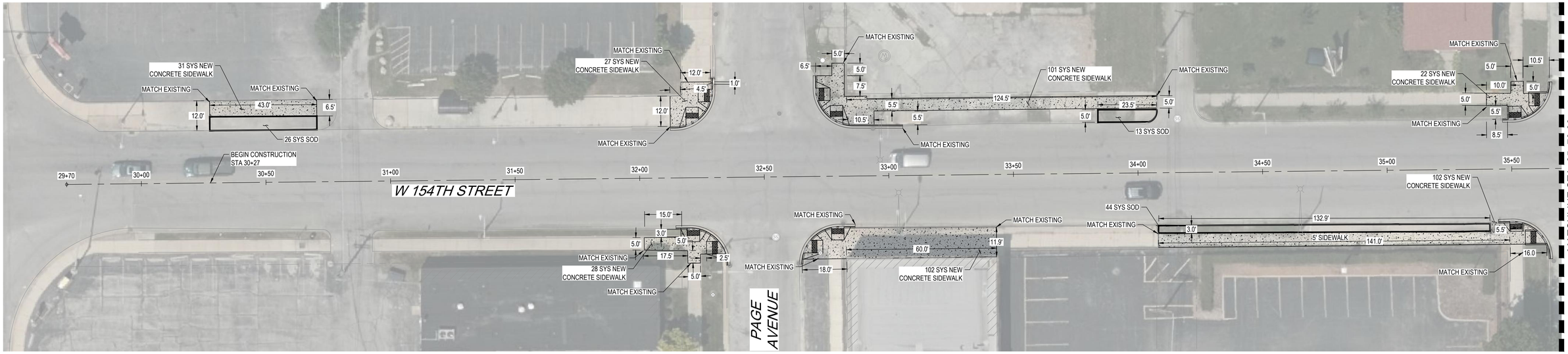
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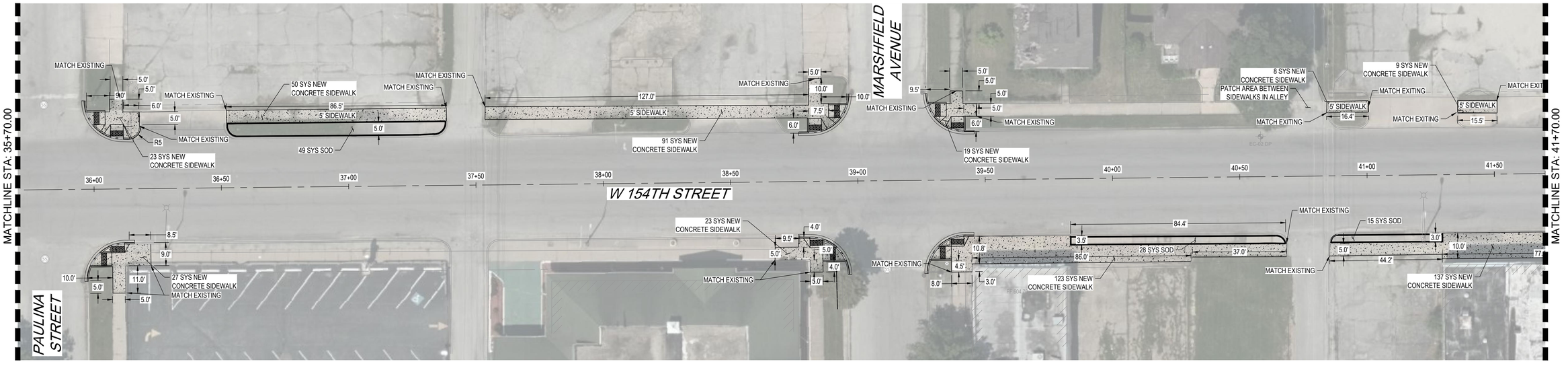
DEMOLITION PLAN STA 65+40.00 THRU 77+00.00

CITY OF HARVEY, COOK COUNTY, ILLINOIS

JOB NUMBER
CoH-2021001
DATE
11/30/2021
SHEET
C-07

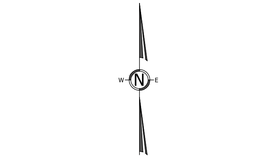
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NOTES:

1. ANY DAMAGE TO EXISTING SIDEWALK AT CONNECTION POINTS SHALL BE REPLACED IN-KIND AT THE CONTRACTOR'S EXPENSE.
2. SEE INTERSECTION DETAILS FOR INTERSECTION LAYOUTS.
3. REFER TO SIDEWALK CONCRETE SECTION DETAIL FOR SIDEWALK INSTALLATION.
4. PAVEMENT PATCHING WILL BE REQUIRED IN ALL AREAS OF CURB AND GUTTER REPLACEMENT.
5. ALL STORM STRUCTURES ARE TO BE CLEANED OUT AFTER CONSTRUCTION.



FOR REVIEW

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PREPARED FOR

CITY OF HARVEY,
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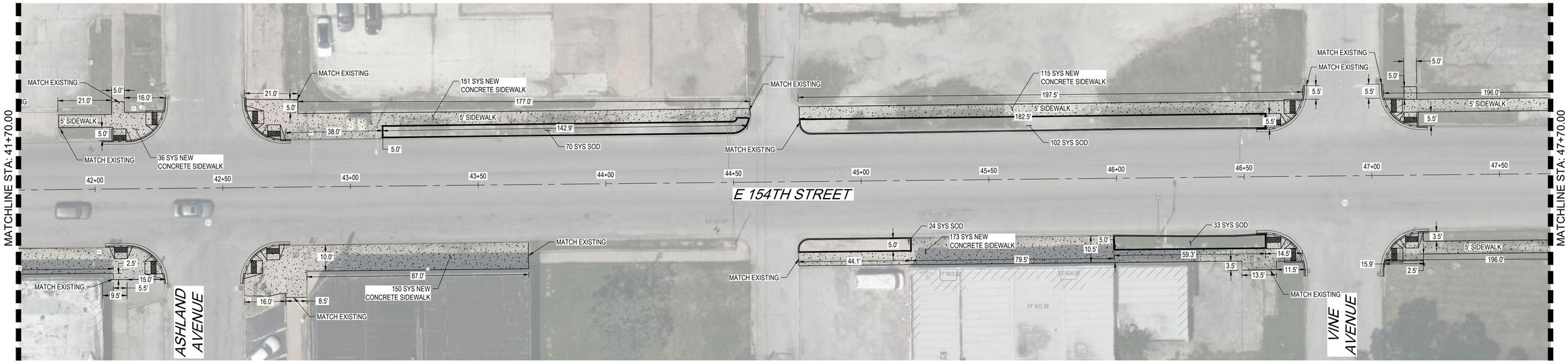
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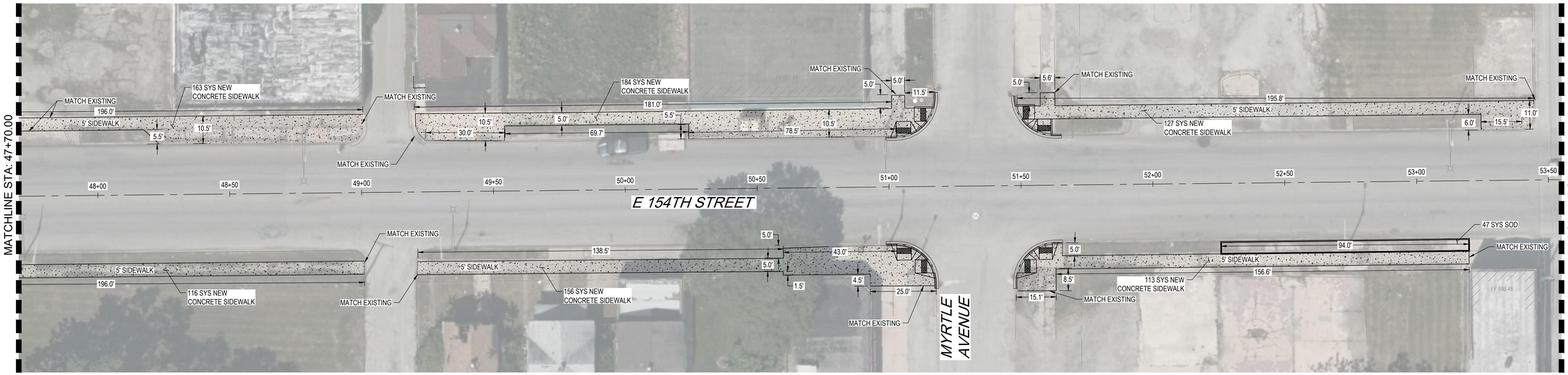
SITE PLAN STA 29+70.00 THRU 41+70.00

CITY OF HARVEY, COOK COUNTY, ILLINOIS

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5. ALL STORM STRUCTURES ARE TO BE CLEANED OUT AFTER CONSTRUCTION.

20' 0 10' 20' 40'

1" = 20' HOR.

FOR REVIEW

811 Know what's below. Call before you dig.

No.	DATE	REVISION DESCRIPTION

PREPARED FOR

CITY OF HARVEY,
15320 BROADWAY AVENUE
HARVEY, IL 60426

Antero Group

PE STAMP

ISSUED FOR REVIEW

FOR AND ON BEHALF OF ANTERO GROUP

154TH STREET SIDEWALK PLAN

SITE PLAN STA 41+70.00 THRU 53+55.00

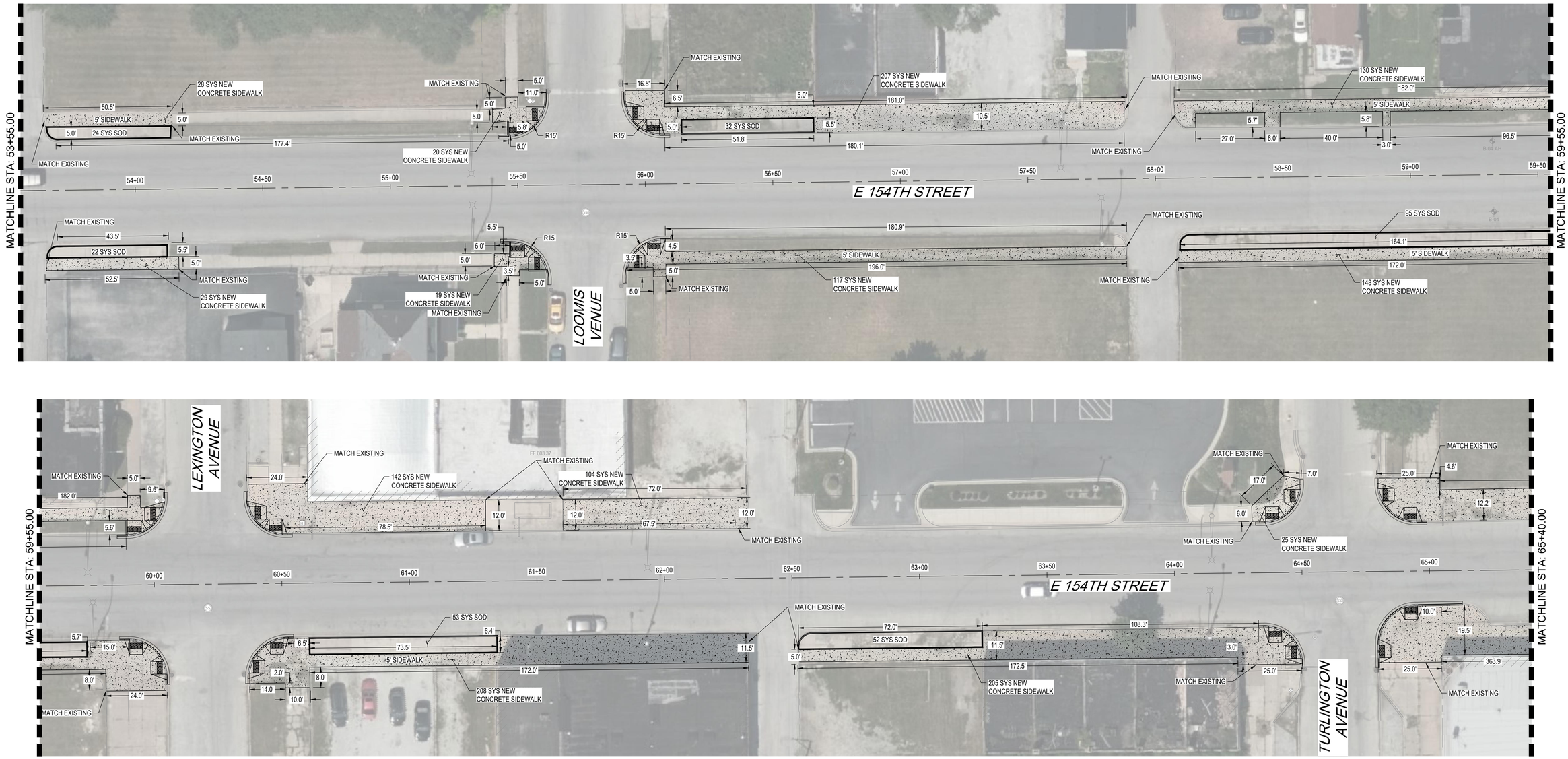
CITY OF HARVEY, COOK COUNTY, ILLINOIS

JOB NUMBER: CoH-2021001

DATE: 11/30/2021

SHEET: C-09

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NOTES:

1. ANY DAMAGE TO EXISTING SIDEWALK AT CONNECTION POINTS SHALL BE REPLACED IN-KIND AT THE CONTRACTOR'S EXPENSE.
2. SEE INTERSECTION DETAILS FOR INTERSECTION LAYOUTS.
3. REFER TO SIDEWALK CONCRETE SECTION DETAIL FOR SIDEWALK INSTALLATION.
4. PAVEMENT PATCHING WILL BE REQUIRED IN ALL AREAS OF CURB AND GUTTER REPLACEMENT.
5. ALL STORM STRUCTURES ARE TO BE CLEANED OUT AFTER CONSTRUCTION.

20' 0 10' 20' 40'

1" = 20' HOR.

FOR REVIEW

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No.	DATE	REVISION DESCRIPTION

PREPARED FOR

CITY OF HARVEY,
15320 BROADWAY AVENUE
HARVEY, IL 60426

Antero Group

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FOR AND ON BEHALF OF ANTERO GROUP

154TH STREET SIDEWALK PLAN

SITE PLAN STA 53+55.00 THRU 65+40.00

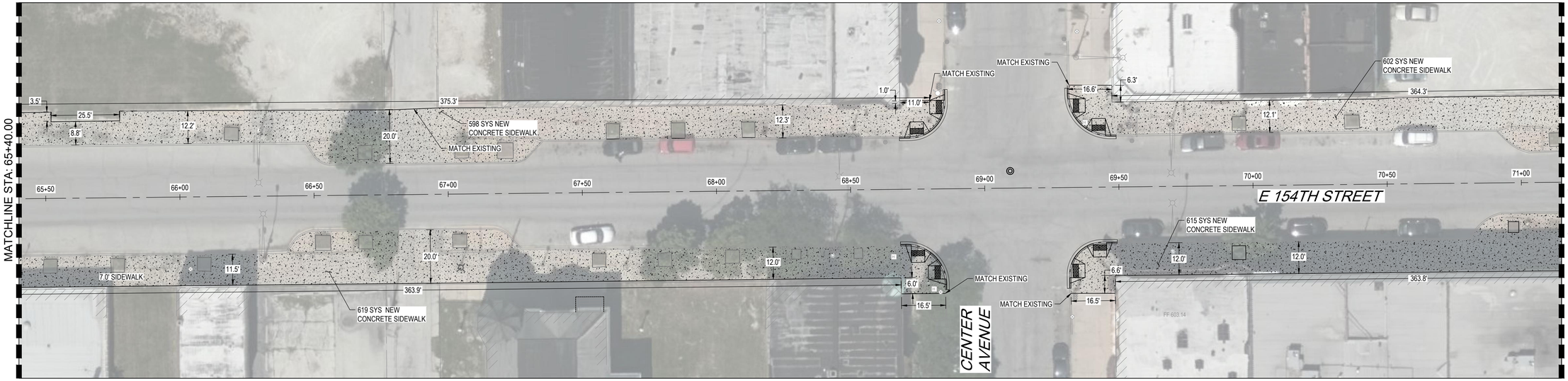
CITY OF HARVEY, COOK COUNTY, ILLINOIS

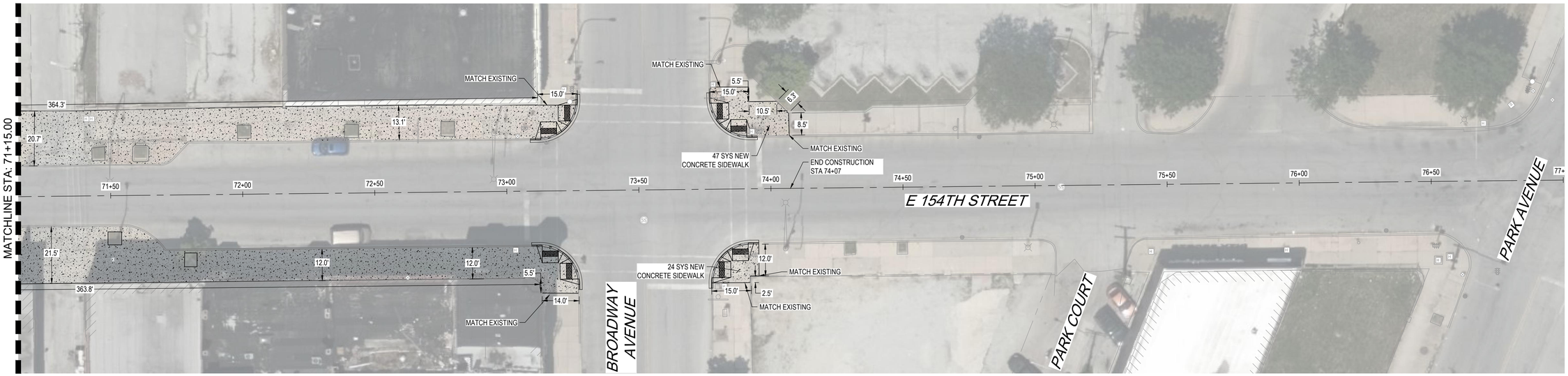
JOB NUMBER CoH-2021001

DATE 11/30/2021

SHEET C-10

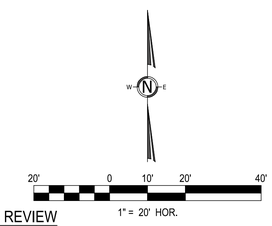
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NOTES:

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FOR REVIEW

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No.	DATE	REVISION DESCRIPTION

PREPARED FOR

CITY OF HARVEY,
15320 BROADWAY AVENUE
HARVEY, IL 60426

Antero Group

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FOR AND ON BEHALF OF ANTERO GROUP

154TH STREET SIDEWALK PLAN

SITE PLAN STA 65+40.00 THRU 77+00.00

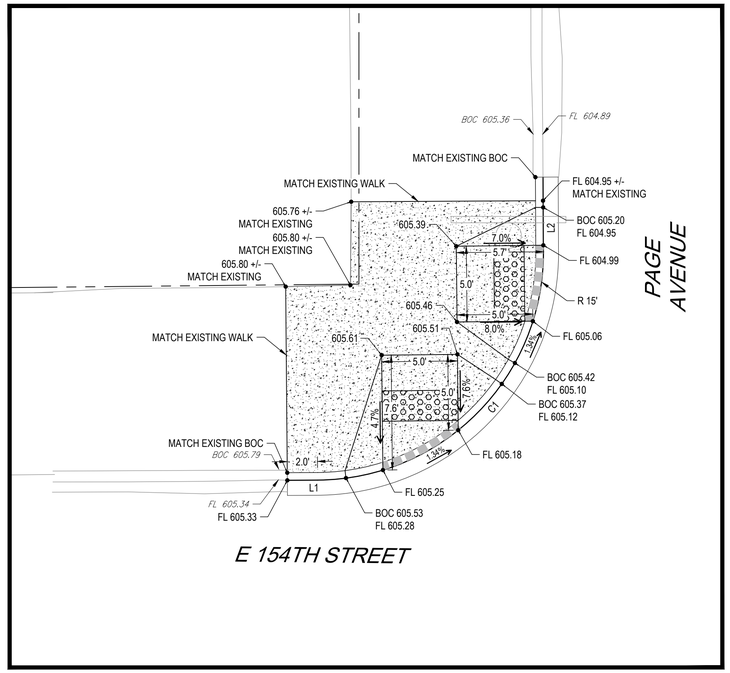
CITY OF HARVEY, COOK COUNTY, ILLINOIS

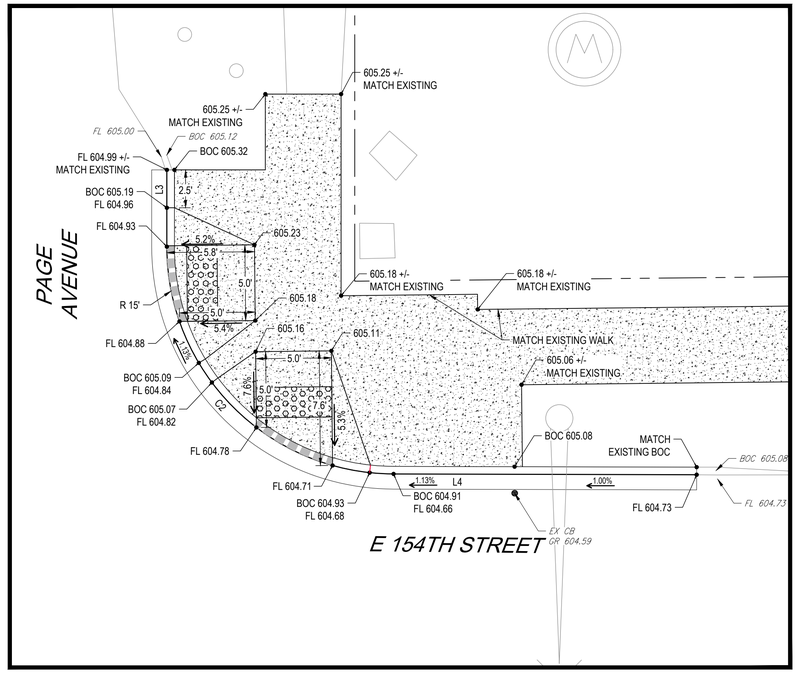
JOB NUMBER CoH-2021001

DATE 11/30/2021

SHEET C-11

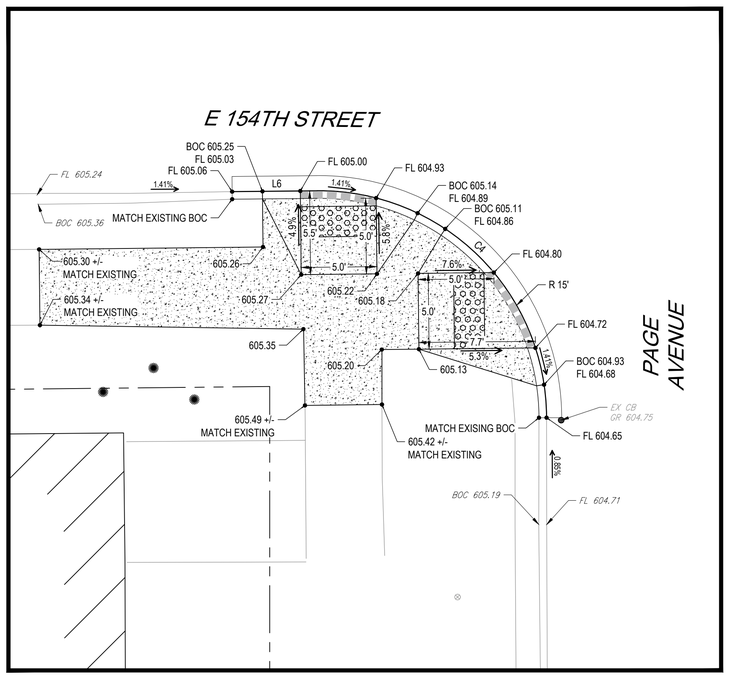
File Location:C:\Users\13037\anterogroup.com\Antero Group - Documents\Projects\City of Harvey\CoH-2021001_154th St Project\DWG\Sheets\CoH-2021001-SP.dwg Plot Date:11/30/2021 1:57 PM Last Saved By:- ANNIE MAKUCH

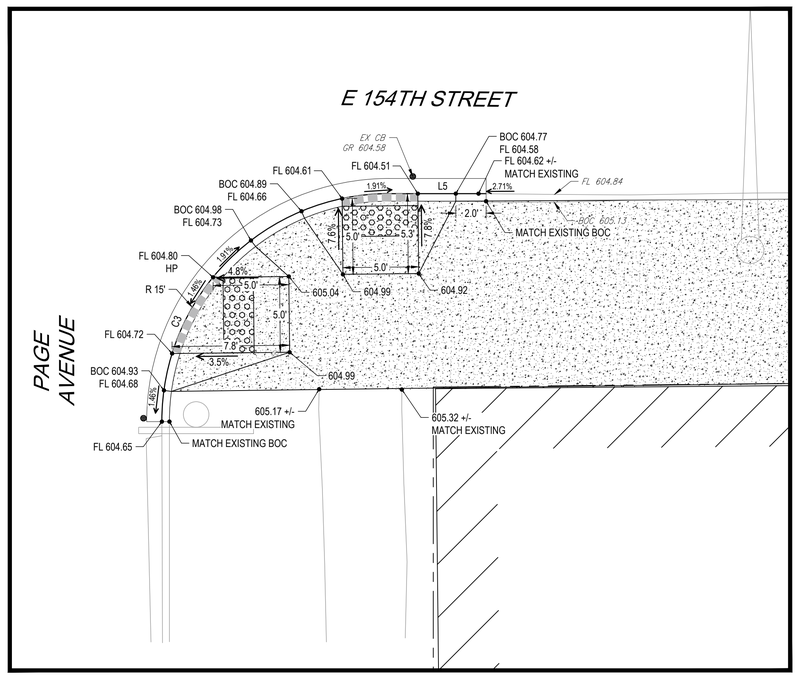


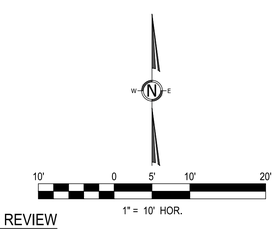


LINE TABLE		
LINE #	BEARING	DISTANCE
L1	S89°34'57"W	2.00
L2	S00°16'41"E	4.92
L3	N00°00'00"E	5.06
L4	N89°51'24"W	20.00
L5	N89°59'37"E	6.40
L6	S89°28'05"W	5.61

CURVE TABLE					
CURVE #	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C1	23.53	15.00	89°51'38"	S44°39'08"W	21.19
C2	23.52	15.00	89°51'24"	N44°55'42"W	21.19
C3	23.60	15.00	90°09'20"	N44°54'57"E	21.24
C4	23.67	15.00	90°25'08"	N45°19'20"W	21.29







FOR REVIEW

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No.	DATE	REVISION DESCRIPTION

PREPARED FOR

CITY OF HARVEY,
15320 BROADWAY AVENUE
HARVEY, IL 60426

Antero Group

PE STAMP

ISSUED FOR REVIEW

FOR AND ON BEHALF OF ANTERO GROUP

154TH STREET SIDEWALK PLAN

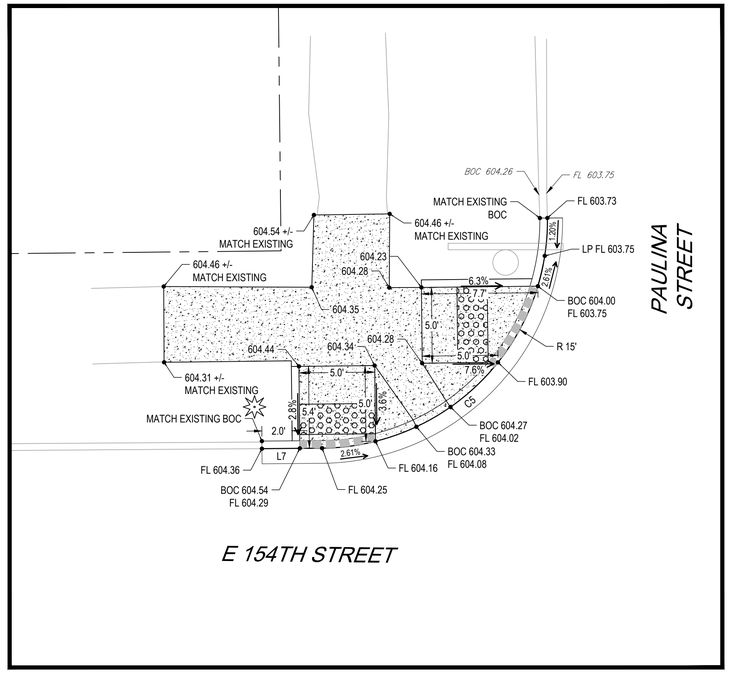
154TH ST AND PAGE AVE INTERSECTION DETAILS

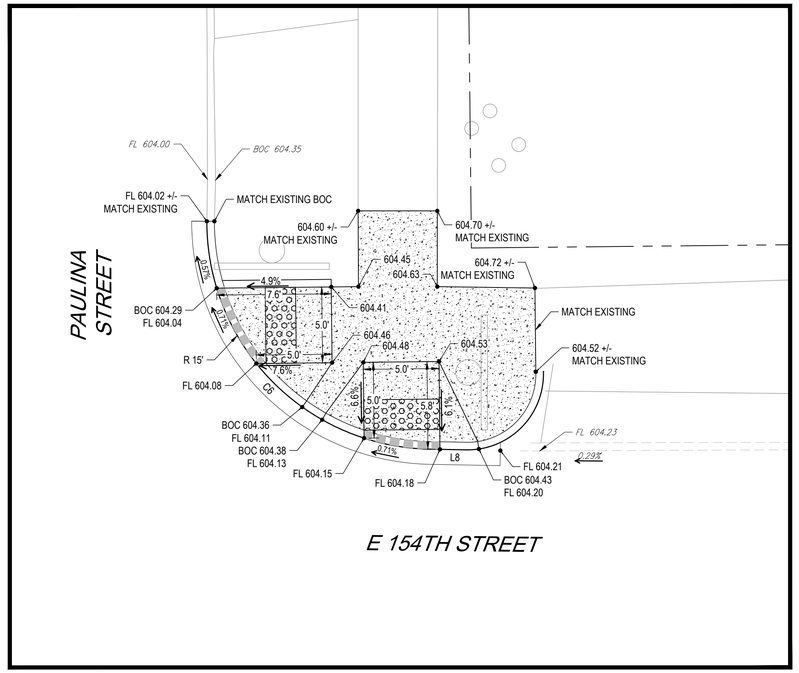
CITY OF HARVEY, COOK COUNTY, ILLINOIS

JOB NUMBER: CoH-2021001

DATE: 11/30/2021

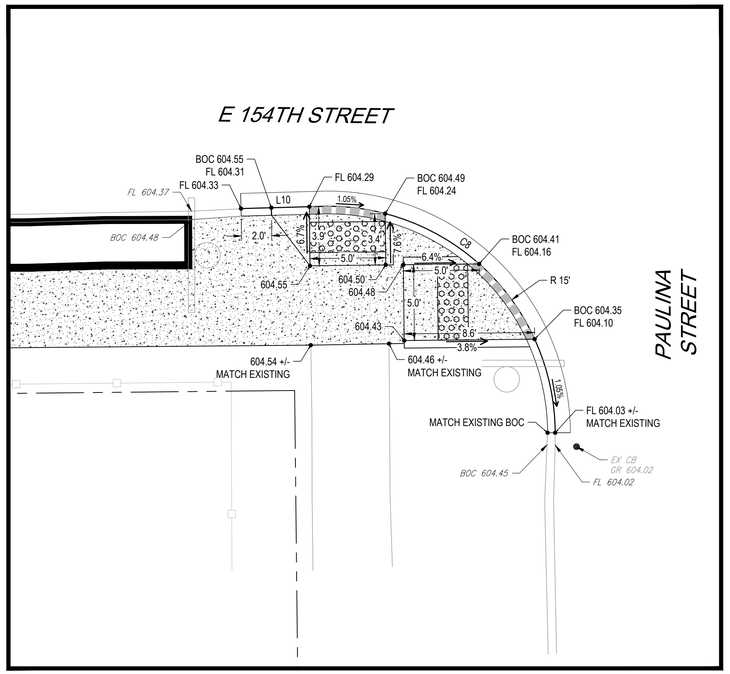
SHEET: C-12

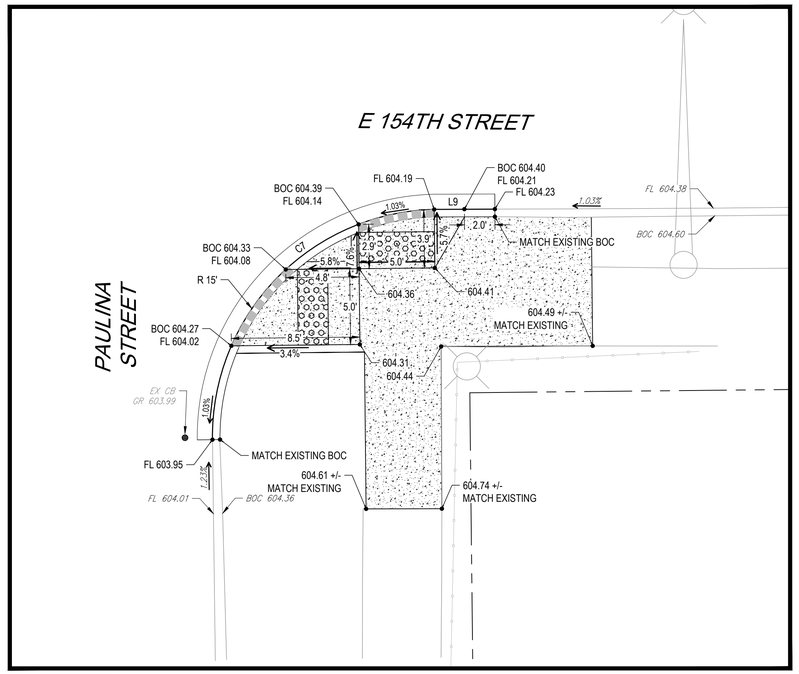


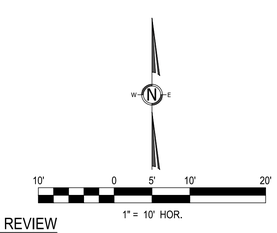


LINE TABLE		
LINE #	BEARING	DISTANCE
L7	S89°30'06"W	2.50
L8	S88°55'11"E	1.73
L9	N89°45'05"E	3.70
L10	N88°25'15"E	5.32

CURVE TABLE					
CURVE #	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C5	9.79	15.00	37°23'03"	S57°12'17"W	9.61
C6	8.77	15.00	33°30'35"	S55°17'43"E	8.65
C7	23.69	15.00	90°29'25"	N44°30'22"E	21.30
C8	23.92	15.00	91°21'26"	S45°54'02"E	21.46







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No.	DATE	REVISION DESCRIPTION

PREPARED FOR

CITY OF HARVEY,
15320 BROADWAY AVENUE
HARVEY, IL 60426

Antero Group

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154TH STREET SIDEWALK PLAN

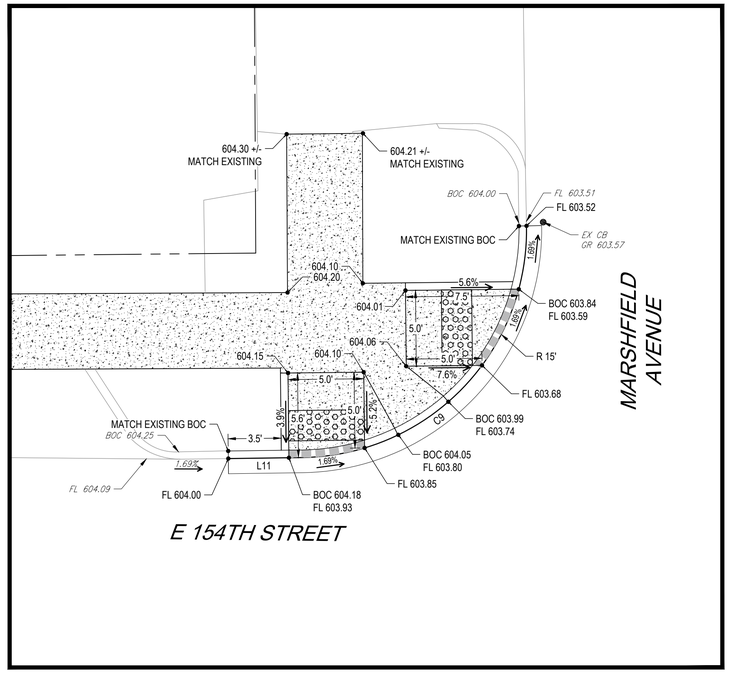
154TH ST AND PAULINA ST INTERSECTION DETAILS

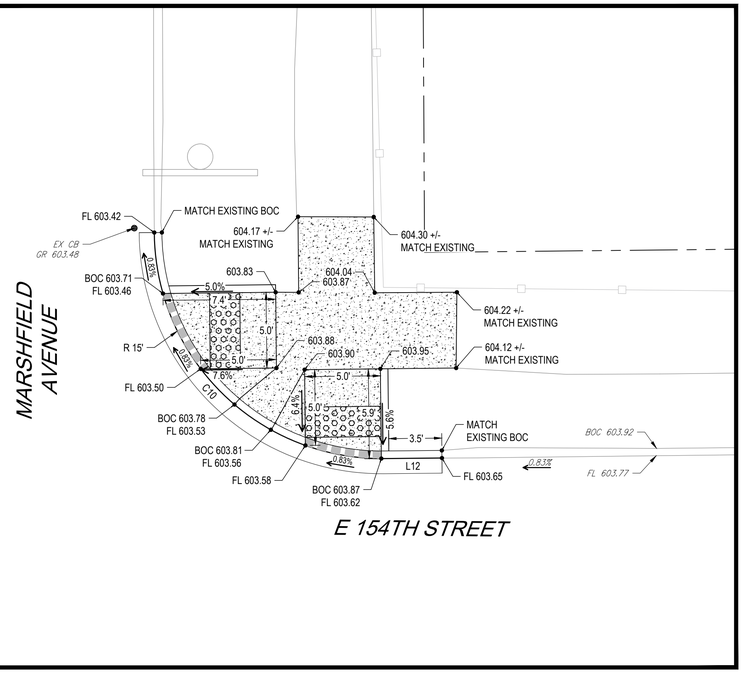
CITY OF HARVEY, COOK COUNTY, ILLINOIS

JOB NUMBER
CoH-2021001

DATE
11/30/2021

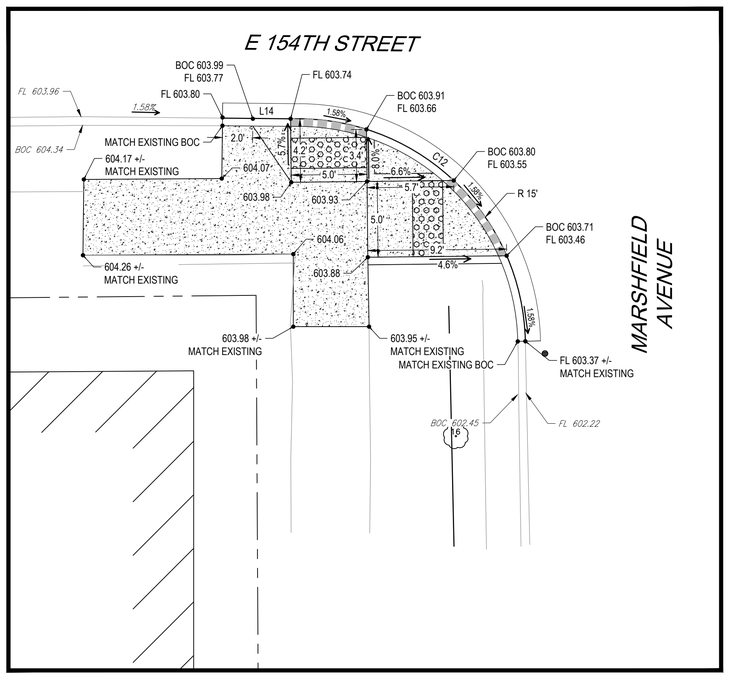
SHEET
C-13

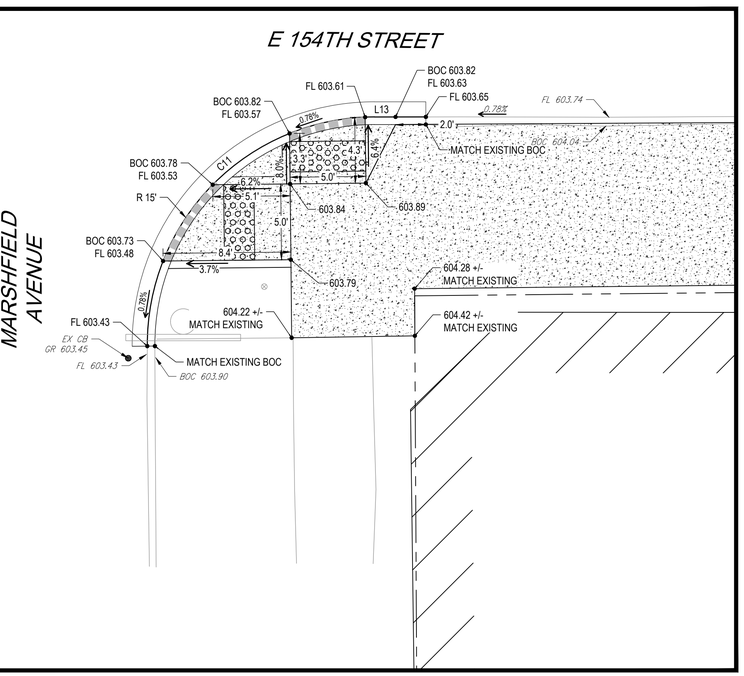


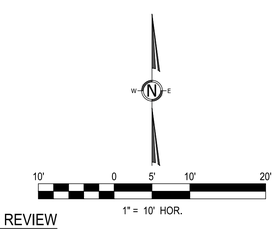


LINE TABLE		
LINE #	BEARING	DISTANCE
L11	S89°13'09"W	4.88
L12	N89°28'41"E	3.85
L13	N89°55'55"E	3.40
L14	S89°25'35"E	5.13

CURVE TABLE					
CURVE #	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C9	23.64	15.00	90°18'49"	S44°03'44"W	21.27
C10	23.61	15.00	90°11'22"	S45°25'38"E	21.25
C11	23.66	15.00	90°23'30"	N44°44'10"E	21.29
C12	23.08	15.00	88°10'40"	S45°20'14"E	20.87







FOR REVIEW

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PREPARED FOR

CITY OF HARVEY,
15320 BROADWAY AVENUE
HARVEY, IL 60426

Antero Group

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154TH STREET SIDEWALK PLAN

154TH ST AND MARSHFIELD AVE INTERSECTION DETAILS

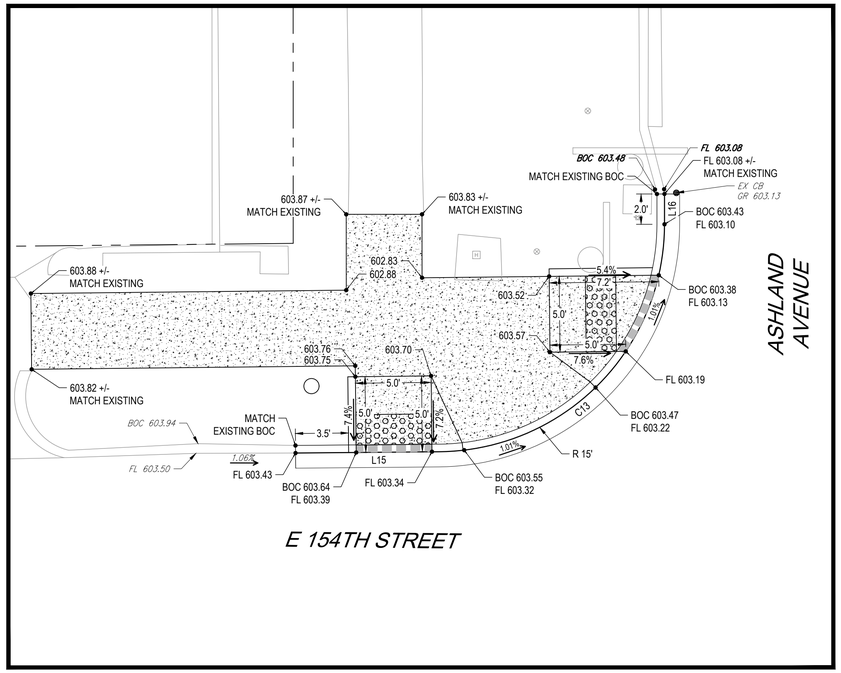
CITY OF HARVEY, COOK COUNTY, ILLINOIS

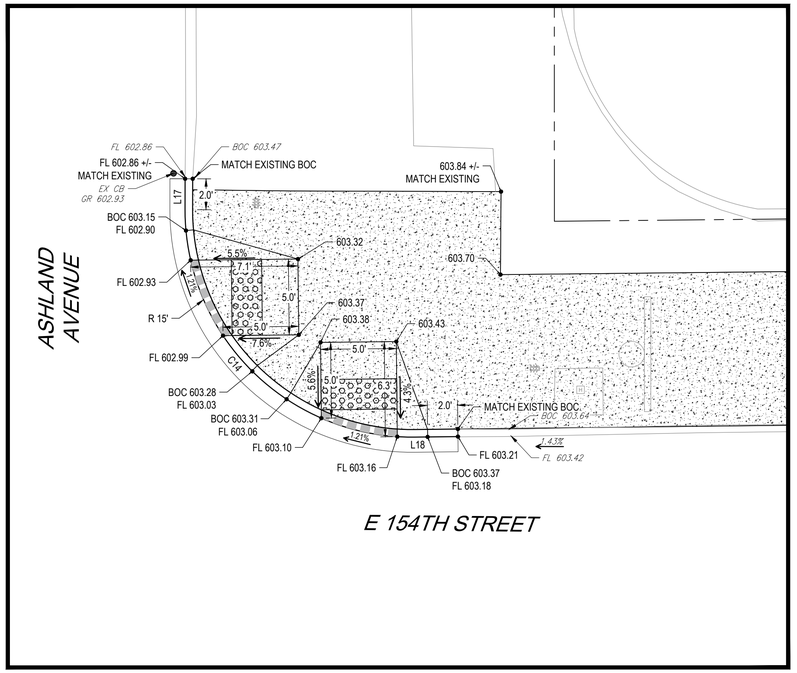
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CoH-2021001

DATE
11/30/2021

SHEET
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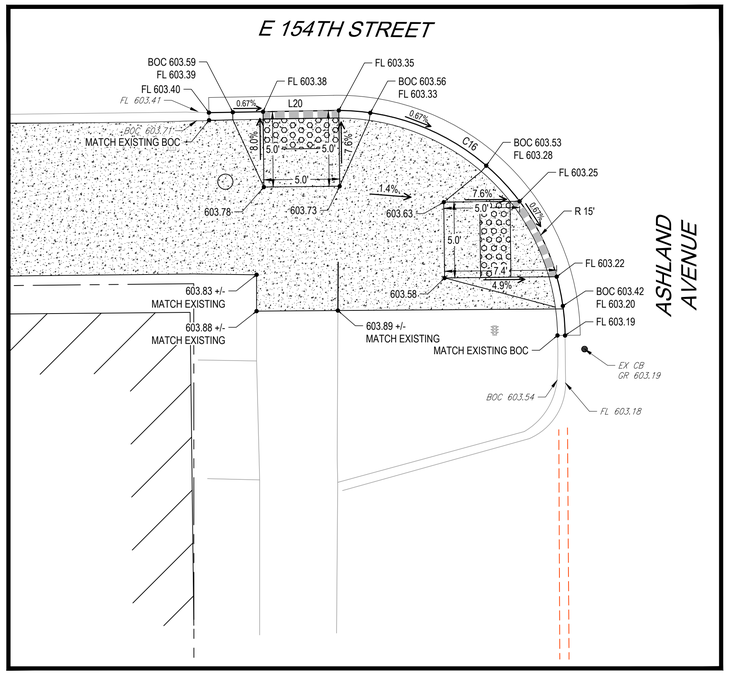
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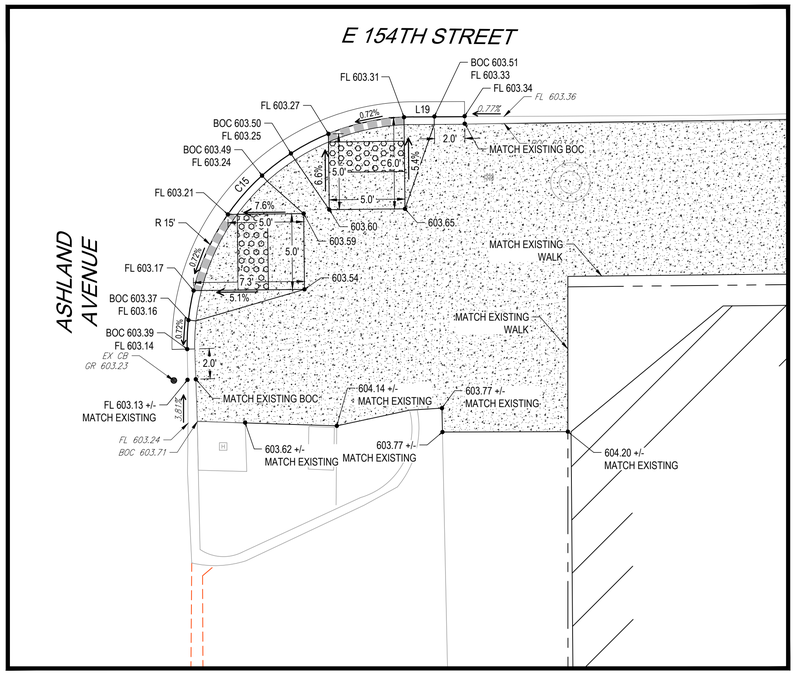


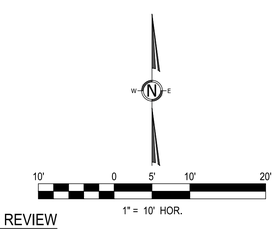


LINE TABLE		
LINE #	BEARING	DISTANCE
L15	N89°28'41"E	9.46
L16	N00°01'07"W	2.00
L17	S00°11'07"W	2.00
L18	N89°17'20"E	2.83
L19	S89°41'13"W	3.39
L20	N89°00'22"E	8.24

CURVE TABLE					
CURVE #	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C13	23.45	15.00	89°34'15"	N44°46'01"E	21.13
C14	23.80	15.00	90°53'47"	S45°15'47"E	21.38
C15	23.80	15.00	90°54'07"	S44°14'09"W	21.38
C16	23.66	15.00	90°22'42"	S45°48'17"E	21.28







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154TH ST AND ASHLAND AVE INTERSECTION DETAILS

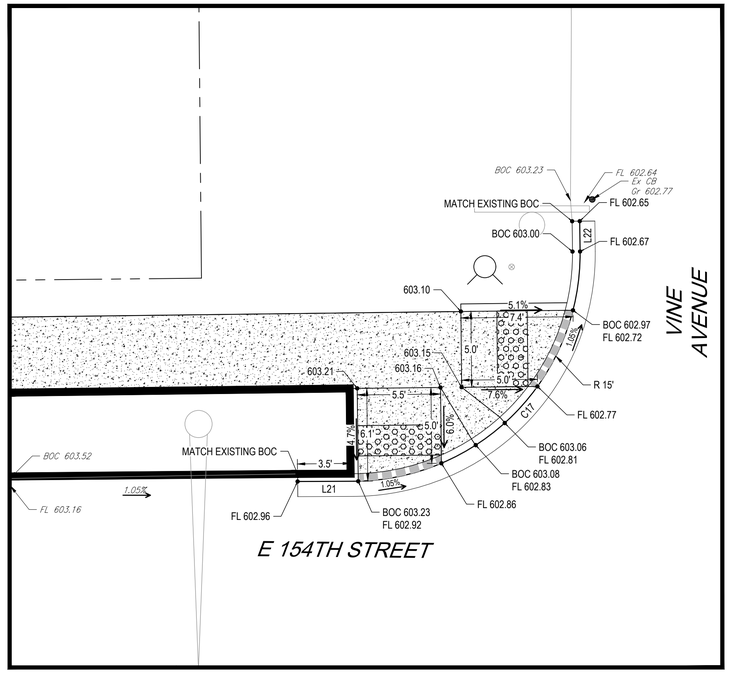
CITY OF HARVEY, COOK COUNTY, ILLINOIS

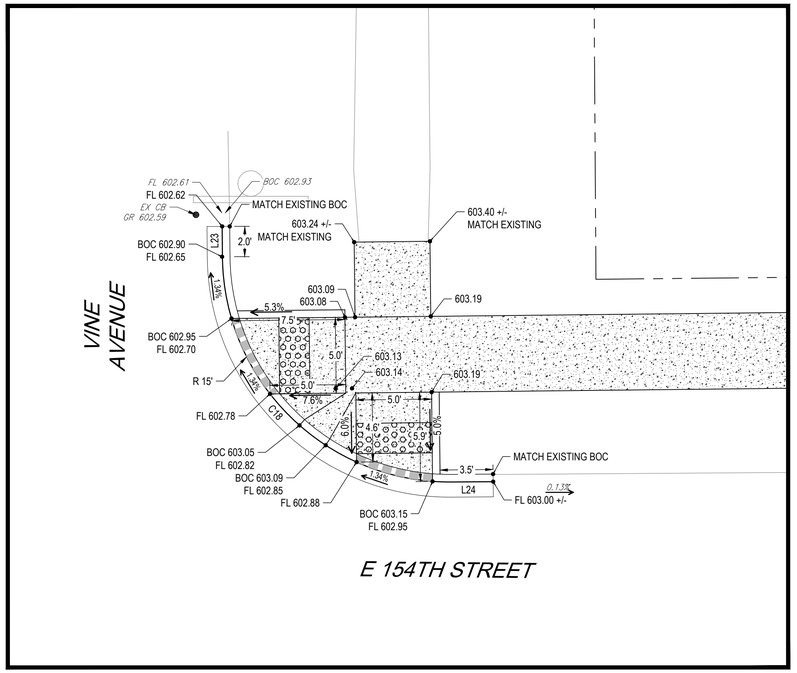
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CoH-2021001

DATE
11/30/2021

SHEET
C-15

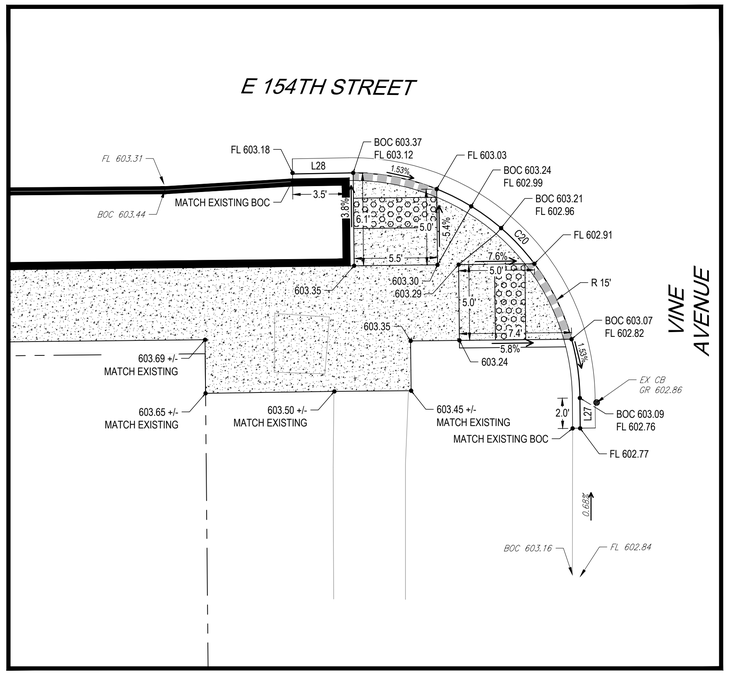
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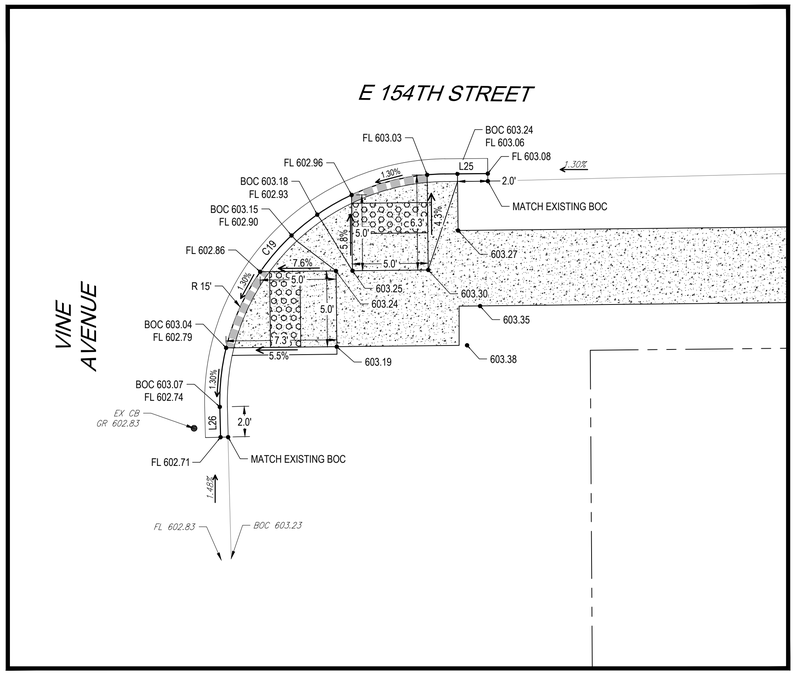


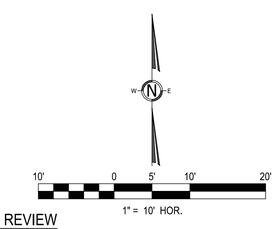


LINE TABLE		
LINE #	BEARING	DISTANCE
L21	N89°45'46"E	3.70
L22	N00°36'56"W	2.00
L23	N00°30'33"W	2.00
L24	S89°29'44"W	2.74
L25	N89°28'48"E	2.83
L26	N01°24'59"W	2.00
L27	S00°36'56"E	2.00
L28	N89°00'22"E	3.70

CURVE TABLE					
CURVE #	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C17	23.66	15.00	90°22'42"	N44°34'25"E	21.28
C18	23.56	15.00	89°59'43"	N45°30'24"W	21.21
C19	23.80	15.00	90°53'47"	N44°01'54"E	21.38
C20	23.66	15.00	90°22'42"	S45°48'17"E	21.28







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154TH STREET SIDEWALK PLAN

154TH ST AND VINE AVE INTERSECTION DETAILS

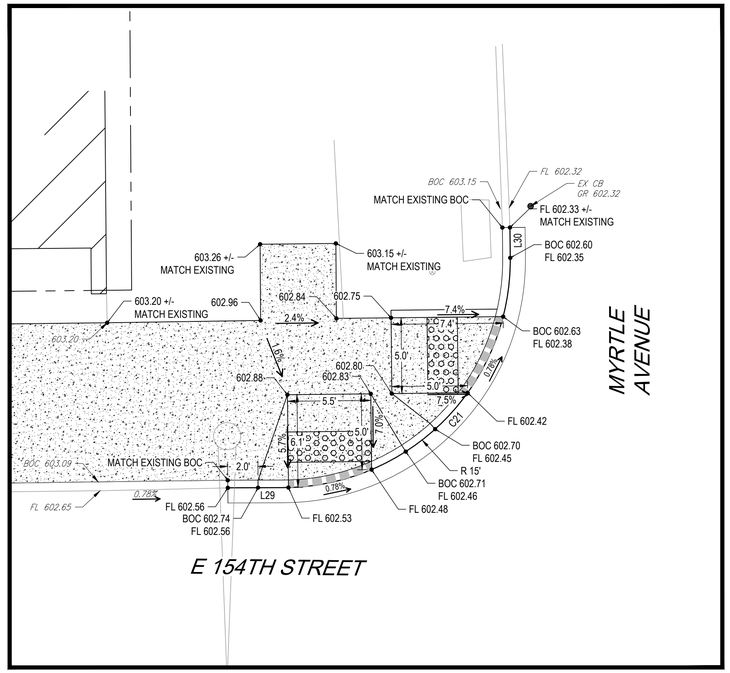
CITY OF HARVEY, COOK COUNTY, ILLINOIS

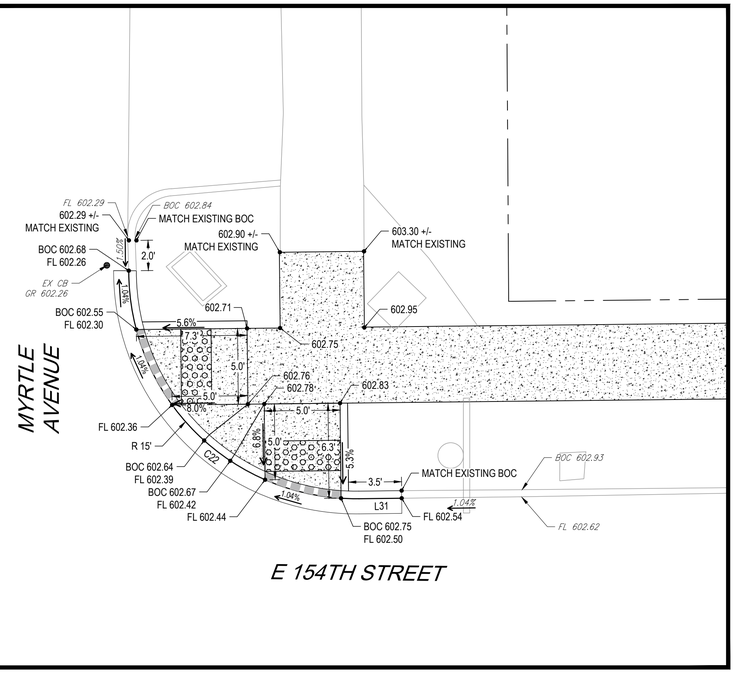
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DATE: 11/30/2021

SHEET: C-16

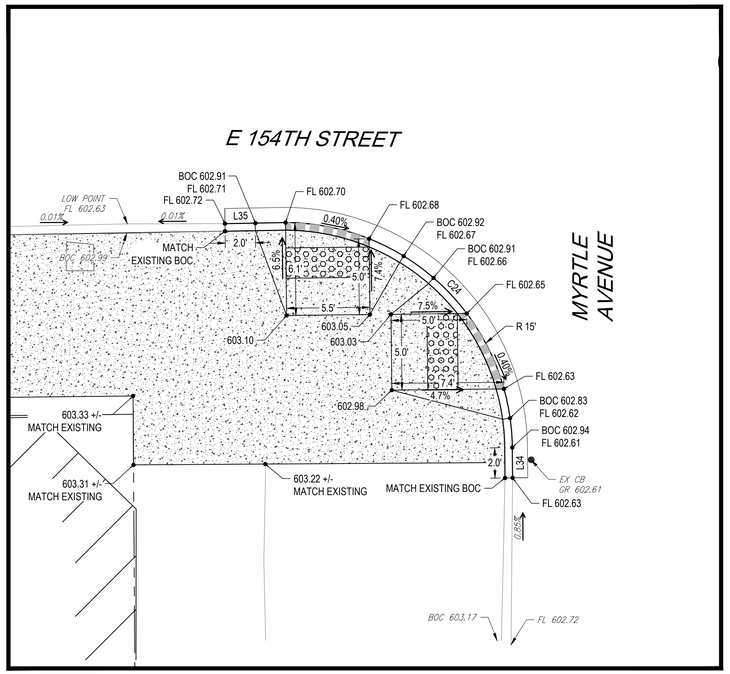
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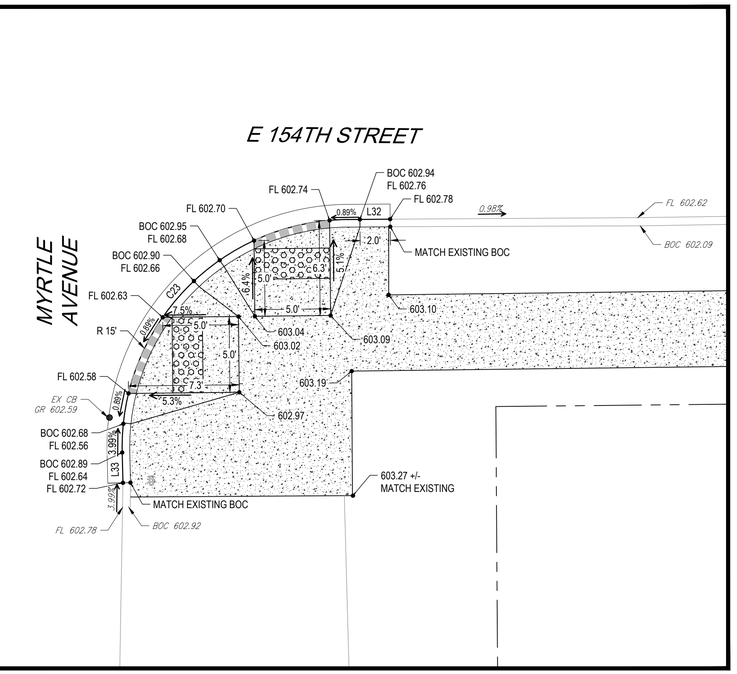


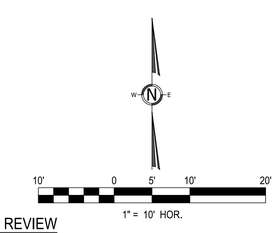


LINE TABLE		
LINE #	BEARING	DISTANCE
L29	N89°45'46"E	3.70
L30	N00°36'56"W	2.00
L31	N89°17'20"E	2.83
L32	N89°28'48"E	2.83
L33	N01°24'59"W	2.00
L34	S00°36'56"E	2.00
L35	N89°00'22"E	3.70

CURVE TABLE					
CURVE #	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C21	23.66	15.00	90°22'42"	N44°34'25"E	21.28
C22	23.80	15.00	90°53'47"	S45°15'47"E	21.38
C23	23.80	15.00	90°53'47"	N44°01'54"E	21.38
C24	23.66	15.00	90°22'42"	S45°48'17"E	21.28







FOR REVIEW

File Location:C:\Users\13037\anterogroup.com\Antero Group - Documents\Projects\City of Harvey\CoH-2021001_154th St Project\DWG\Sheets\CoH-2021001-INSN-06.dwg Plot Date:11/30/2021 2:00 PM Last Saved By: ANNIE MAKUCH

811 Know what's below. Call before you dig.

No.	DATE	REVISION DESCRIPTION

PREPARED FOR

CITY OF HARVEY,
15320 BROADWAY AVENUE
HARVEY, IL 60426

Antero Group

PE STAMP

ISSUED FOR REVIEW

FOR AND ON BEHALF OF ANTERO GROUP

154TH STREET SIDEWALK PLAN

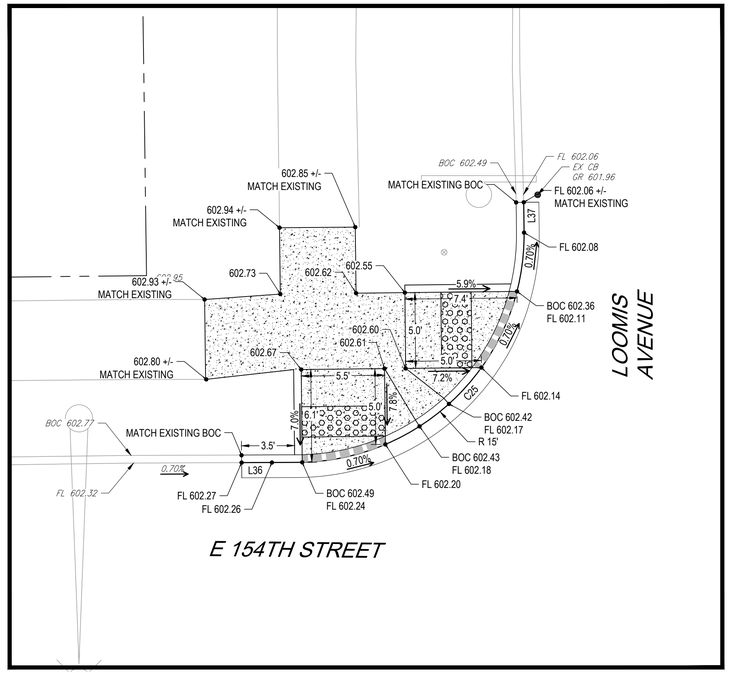
154TH ST AND MYRTLE AVE INTERSECTION DETAILS

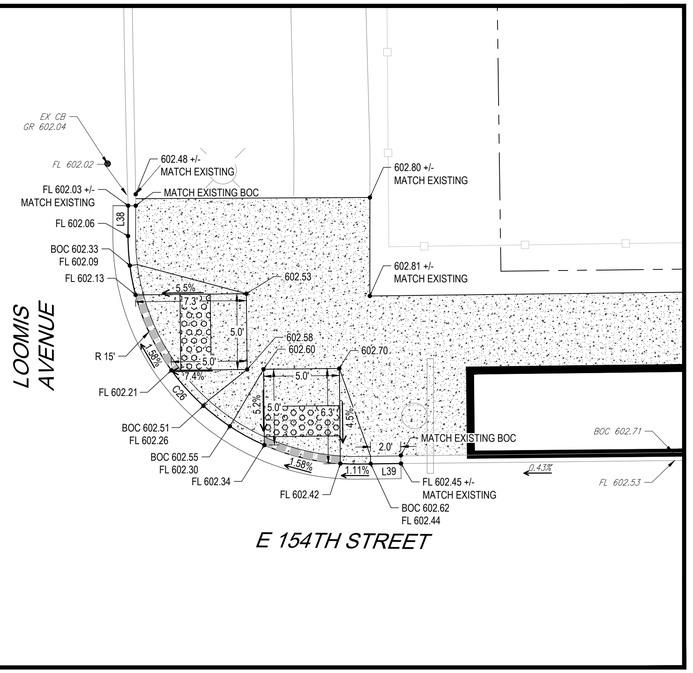
CITY OF HARVEY, COOK COUNTY, ILLINOIS

JOB NUMBER
CoH-2021001

DATE
11/30/2021

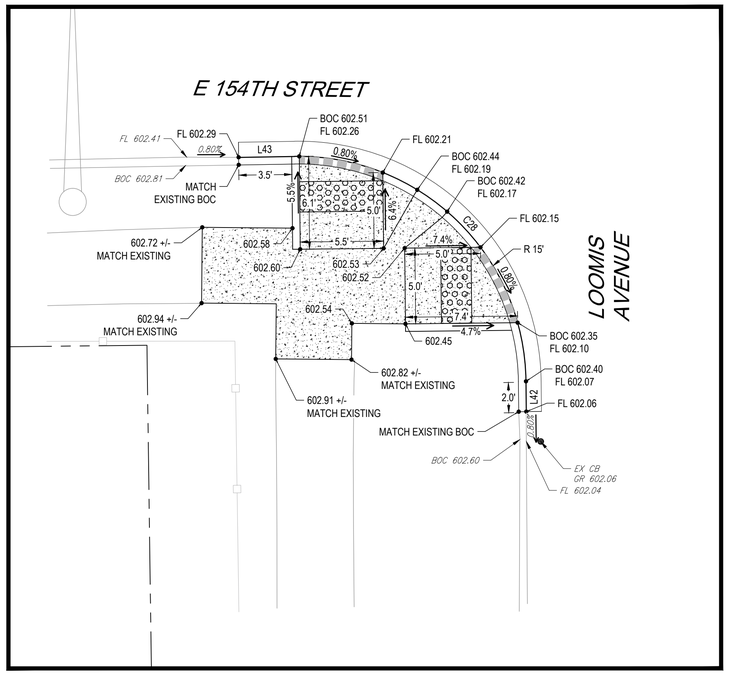
SHEET
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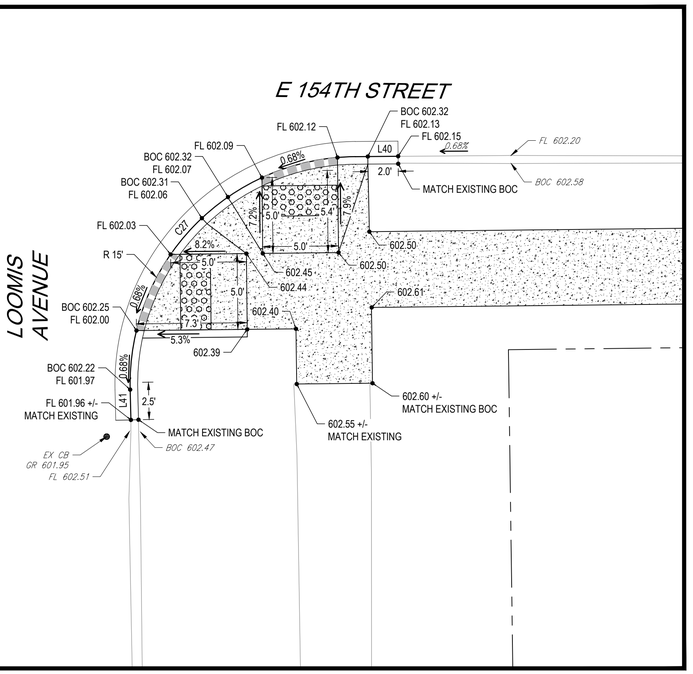


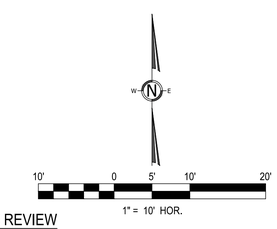


LINE TABLE		
LINE #	BEARING	DISTANCE
L36	N89°45'46"E	3.70
L37	N00°36'56"W	2.00
L38	S00°11'07"W	2.00
L39	N89°17'20"E	2.83
L40	N89°28'48"E	2.83
L41	N01°24'59"W	2.00
L42	S00°36'56"E	2.00
L43	N89°00'22"E	3.70

CURVE TABLE					
CURVE #	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C25	23.66	15.00	90°22'42"	N44°34'25"E	21.28
C26	23.80	15.00	90°53'47"	S45°15'47"E	21.38
C27	23.80	15.00	90°53'47"	N44°01'54"E	21.38
C28	23.66	15.00	90°22'42"	S45°48'17"E	21.28







FOR REVIEW

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No.	DATE	REVISION DESCRIPTION

PREPARED FOR

CITY OF HARVEY,
15320 BROADWAY AVENUE
HARVEY, IL 60426

Antero Group

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FOR AND ON BEHALF OF ANTERO GROUP

154TH STREET SIDEWALK PLAN

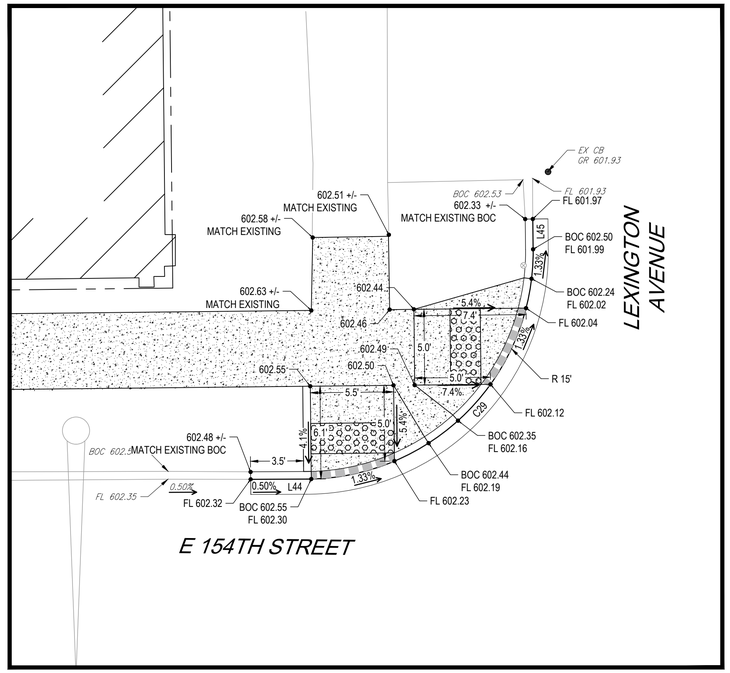
154TH ST AND LOOMIS AVE INTERSECTION DETAILS

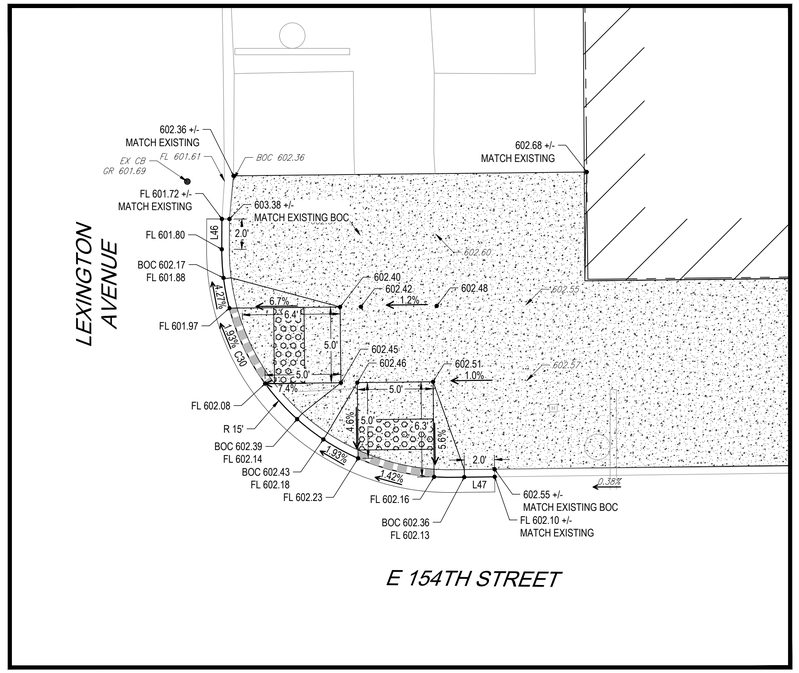
CITY OF HARVEY, COOK COUNTY, ILLINOIS

JOB NUMBER: CoH-2021001

DATE: 11/30/2021

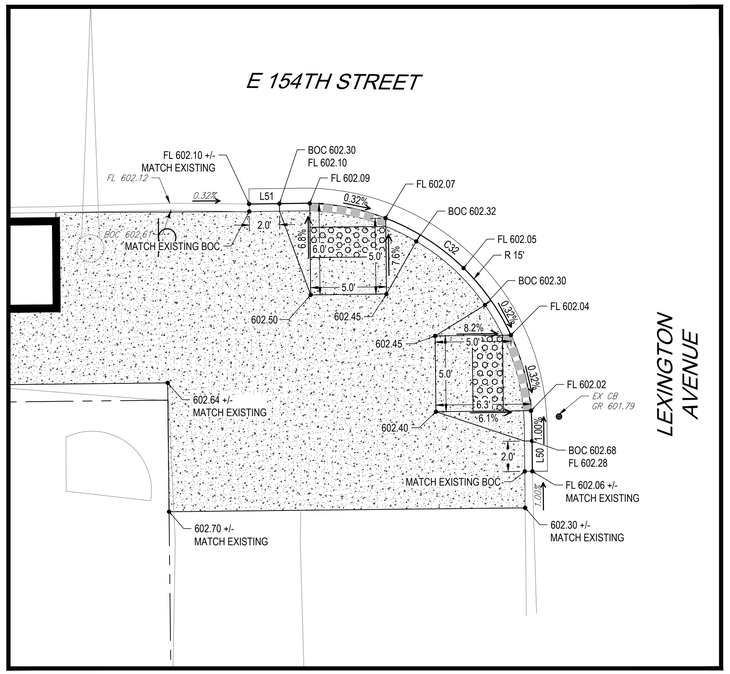
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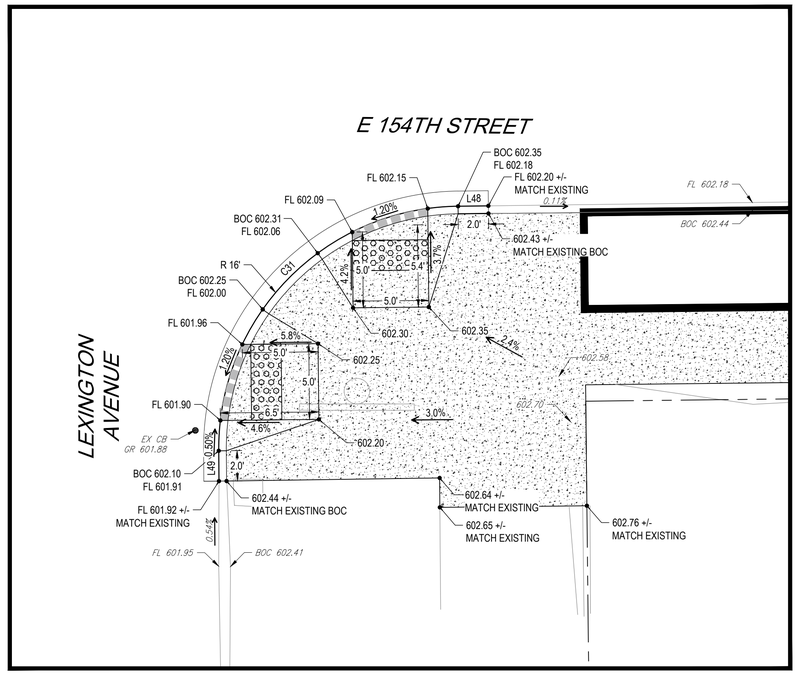


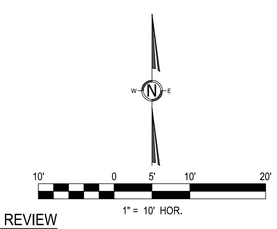


LINE TABLE		
LINE #	BEARING	DISTANCE
L44	N89°45'46"E	3.70
L45	N00°36'56"W	2.00
L46	S00°11'07"W	2.00
L47	N89°17'20"E	2.83
L48	N89°15'46"E	2.00
L49	N00°29'30"W	2.00
L50	S00°36'56"E	2.85
L51	N89°15'46"E	3.47

CURVE TABLE					
CURVE #	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C29	23.66	15.00	90°22'42"	N44°34'25"E	21.28
C30	23.80	15.00	90°53'47"	S45°15'47"E	21.38
C31	25.06	16.00	89°45'16"	N44°23'08"E	22.58
C32	23.59	15.00	90°07'18"	S45°40'35"E	21.24







FOR REVIEW

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No.	DATE	REVISION DESCRIPTION

PREPARED FOR

CITY OF HARVEY,
15320 BROADWAY AVENUE
HARVEY, IL 60426

Antero Group

PE STAMP

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FOR AND ON BEHALF OF ANTERO GROUP

154TH STREET SIDEWALK PLAN

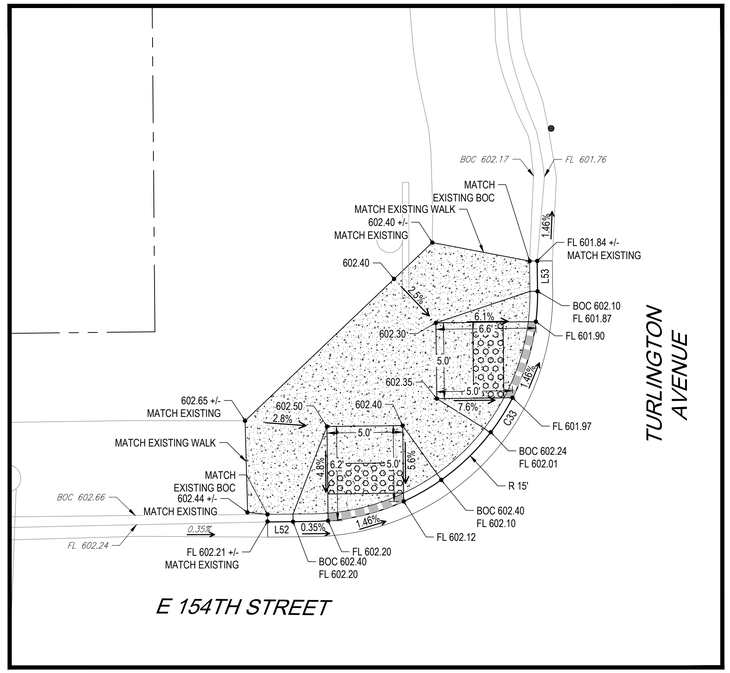
154TH ST AND LEXINGTON AVE INTERSECTION DETAILS

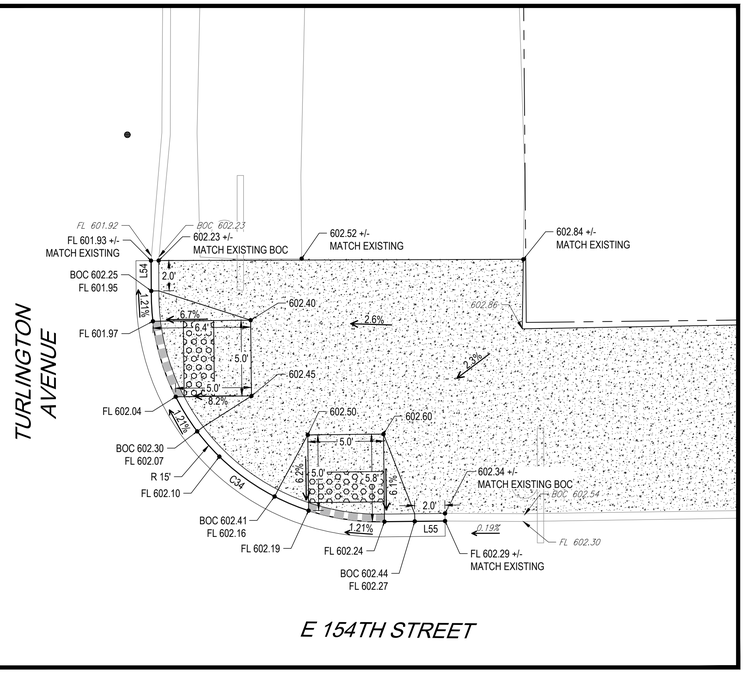
CITY OF HARVEY, COOK COUNTY, ILLINOIS

JOB NUMBER
CoH-2021001

DATE
11/30/2021

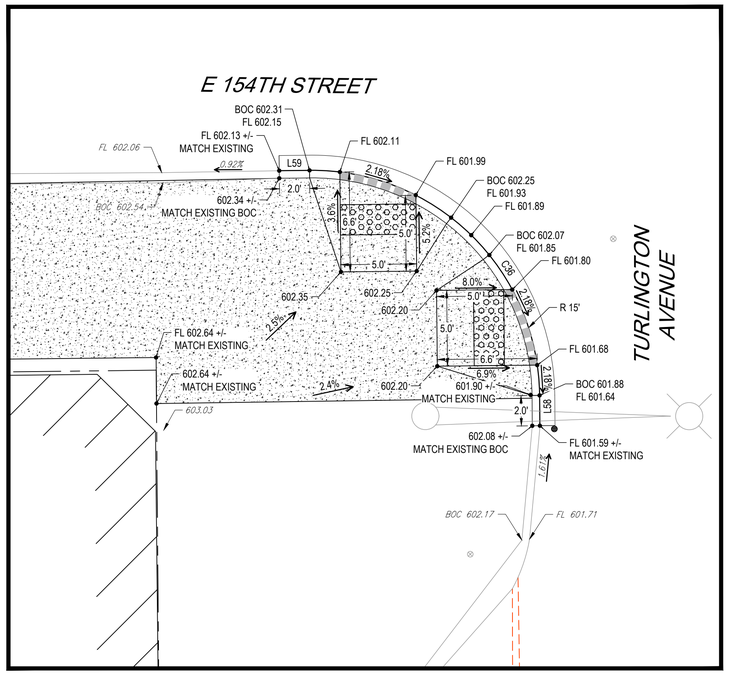
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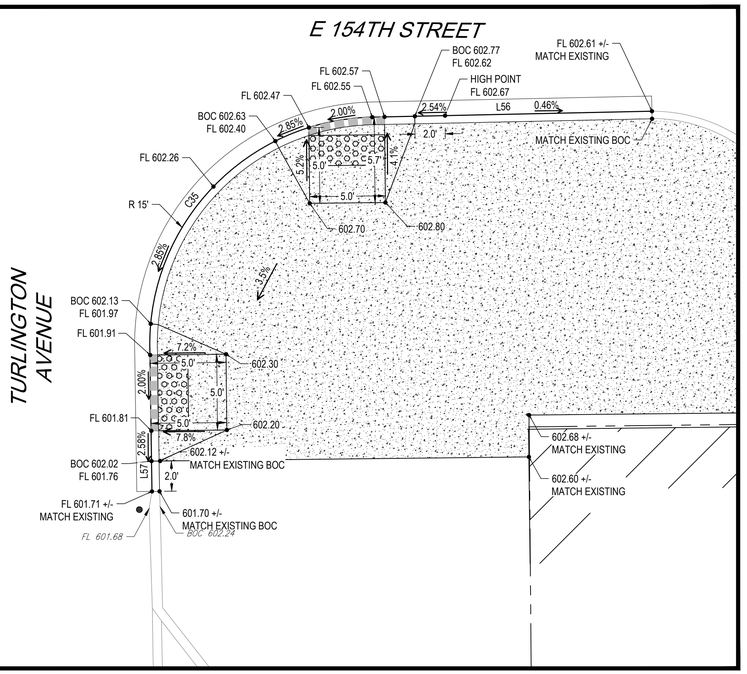


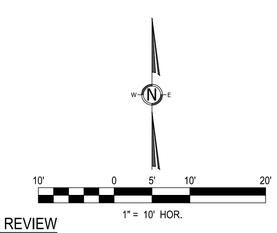


LINE TABLE		
LINE #	BEARING	DISTANCE
L52	N89°18'28"E	3.00
L53	N00°42'56"W	2.00
L54	N00°23'26"W	2.33
L55	S89°21'19"W	4.22
L56	N88°46'55"E	13.66
L57	N00°51'34"W	9.47
L58	S00°34'08"E	2.00
L59	N89°18'19"E	2.00

CURVE TABLE					
CURVE #	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C33	23.57	15.00	90°01'24"	N44°17'46"E	21.22
C34	23.63	15.00	90°15'15"	N45°31'03"W	21.26
C35	23.47	15.00	89°38'28"	N43°57'40"E	21.15
C36	23.59	15.00	90°07'33"	S45°37'54"E	21.24







FOR REVIEW

No.	DATE	REVISION DESCRIPTION

PREPARED FOR

CITY OF HARVEY,
15320 BROADWAY AVENUE
HARVEY, IL 60426

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154TH STREET SIDEWALK PLAN

154TH ST AND TURLINGTON AVE INTERSECTION DETAILS

CITY OF HARVEY, COOK COUNTY, ILLINOIS

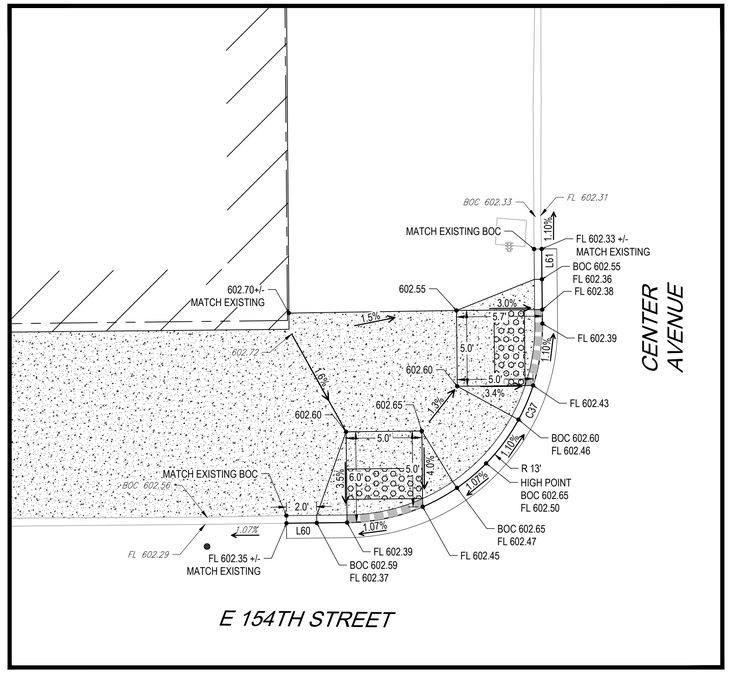
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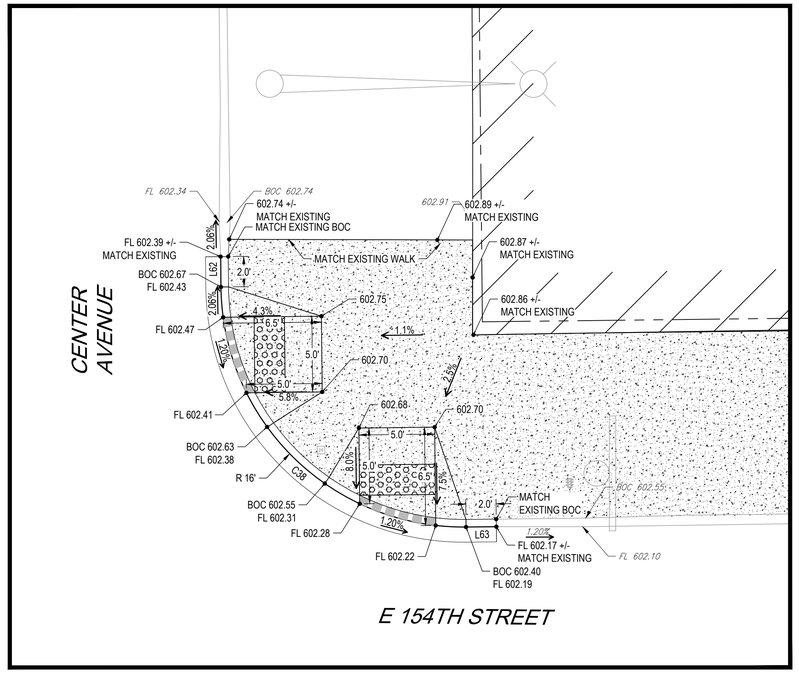
DATE 11/30/2021

SHEET C-20

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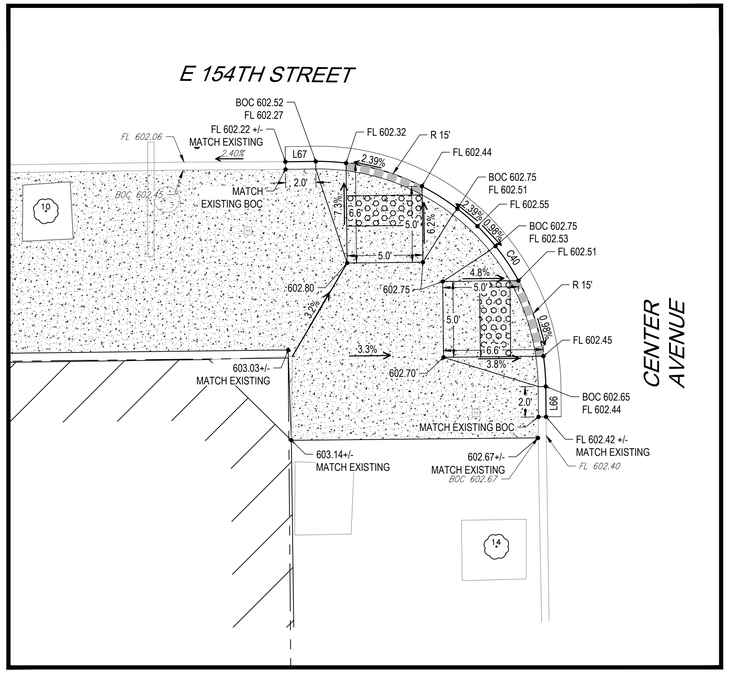
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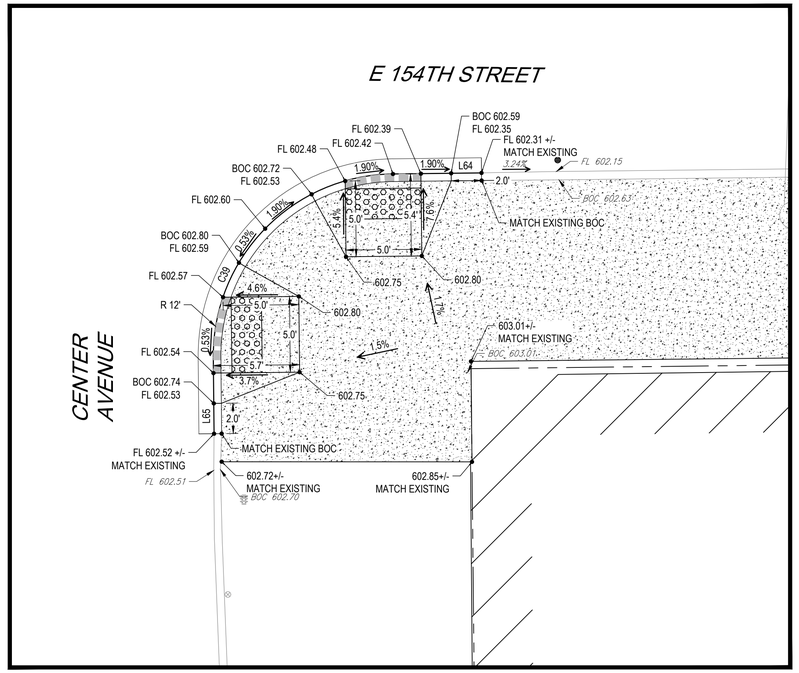


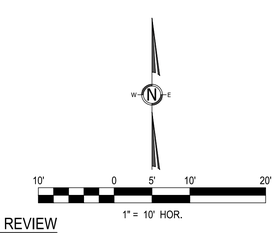


LINE TABLE		
LINE #	BEARING	DISTANCE
L60	S89°22'41"W	4.03
L61	S00°34'08"E	4.92
L62	S00°34'08"E	2.00
L63	N89°22'41"E	2.00
L64	S89°18'19"W	5.84
L65	S00°34'08"E	5.02
L66	S00°34'08"E	2.00
L67	N89°18'19"E	2.00

CURVE TABLE					
CURVE #	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C37	20.41	13.00	89°56'48"	S44°24'17"W	18.38
C38	25.15	16.00	90°03'12"	S45°35'43"E	22.64
C39	18.82	12.00	89°52'27"	S44°22'06"W	16.95
C40	23.59	15.00	90°07'33"	S45°37'54"E	21.24







FOR REVIEW

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No.	DATE	REVISION DESCRIPTION

PREPARED FOR

CITY OF HARVEY,
15320 BROADWAY AVENUE
HARVEY, IL 60426

Antero Group

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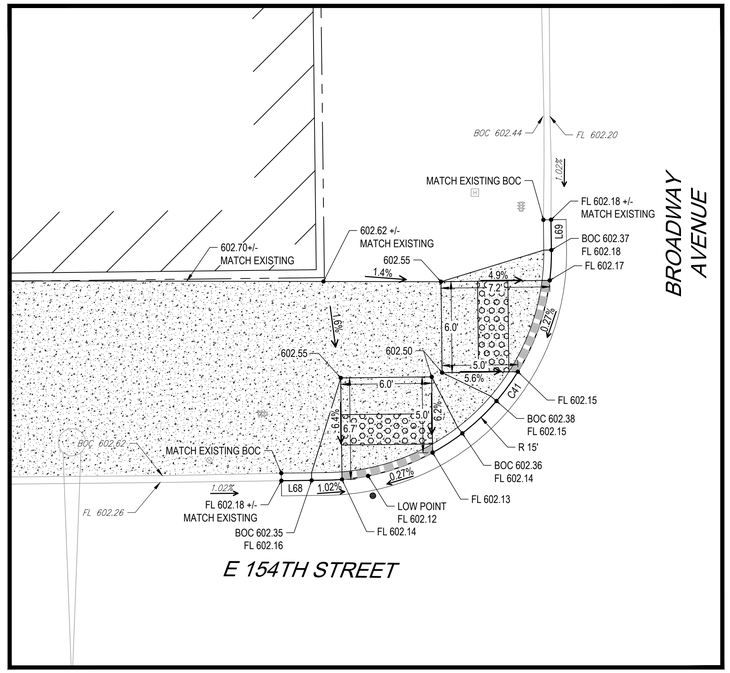
FOR AND ON BEHALF OF ANTERO GROUP

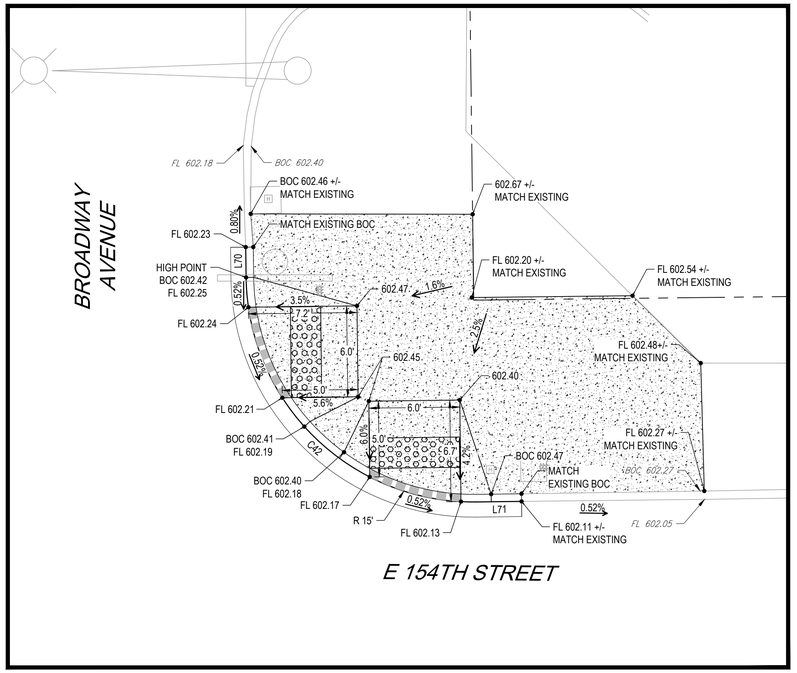
154TH STREET SIDEWALK PLAN

154TH ST AND CENTER AVE INTERSECTION DETAILS

CITY OF HARVEY, COOK COUNTY, ILLINOIS

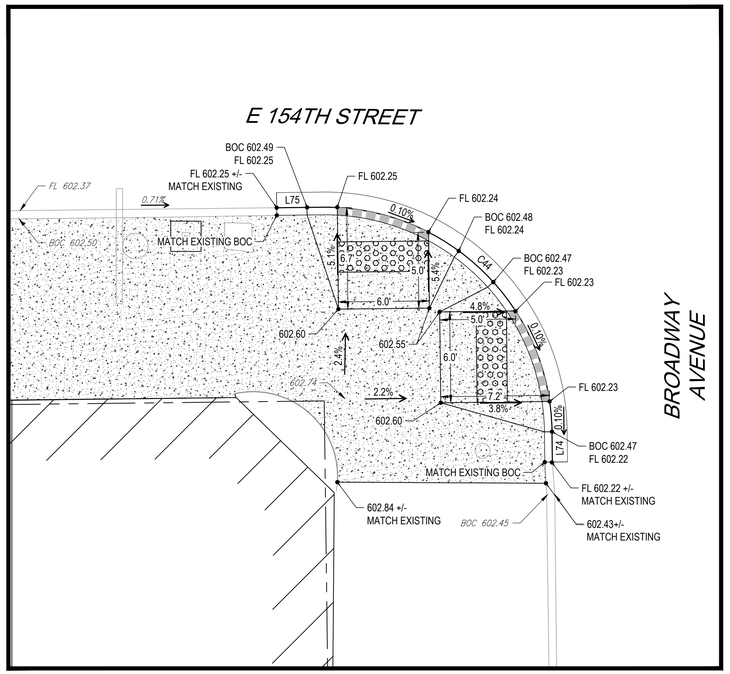
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DATE: 11/30/2021
SHEET: C-21

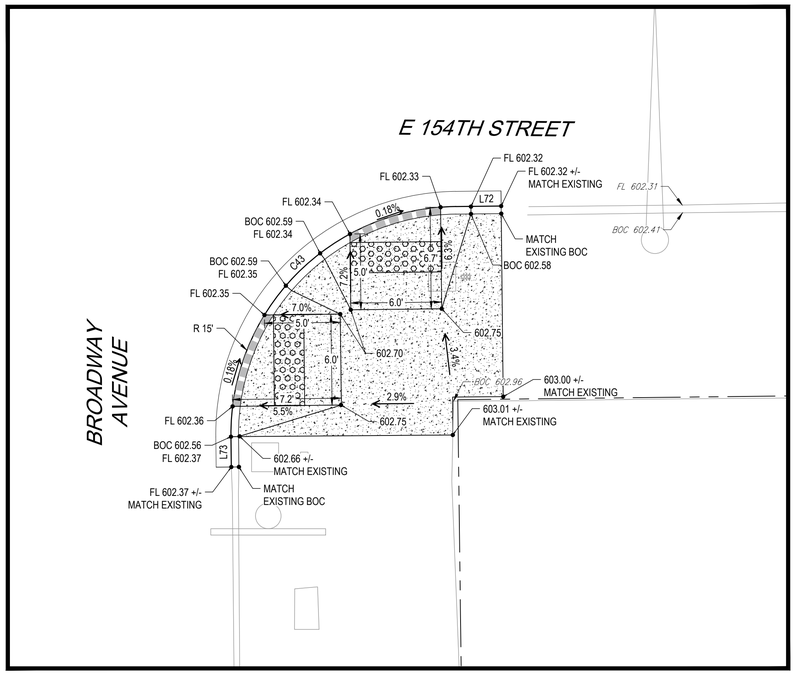


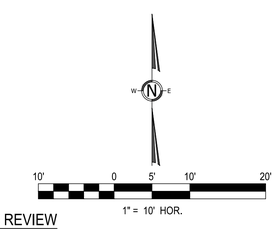


LINE TABLE		
LINE #	BEARING	DISTANCE
L68	N89°18'28"E	3.00
L69	N00°42'56"W	2.00
L70	S00°42'56"E	2.00
L71	N89°18'28"E	3.00
L72	S89°22'10"W	3.00
L73	S00°42'56"E	2.00
L74	S00°42'56"E	2.00
L75	N89°22'10"E	3.00

CURVE TABLE					
CURVE #	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C41	23.57	15.00	90°01'24"	N44°17'46"E	21.22
C42	23.56	15.00	89°58'36"	S45°42'14"E	21.21
C43	23.58	15.00	90°05'06"	S44°19'37"W	21.23
C44	23.54	15.00	89°54'54"	S45°40'23"E	21.20







FOR REVIEW

No.	DATE	REVISION DESCRIPTION

PREPARED FOR

CITY OF HARVEY,
15320 BROADWAY AVENUE
HARVEY, IL 60426

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154TH STREET SIDEWALK PLAN

154TH ST AND BROADWAY AVE INTERSECTION DETAILS

CITY OF HARVEY, COOK COUNTY, ILLINOIS

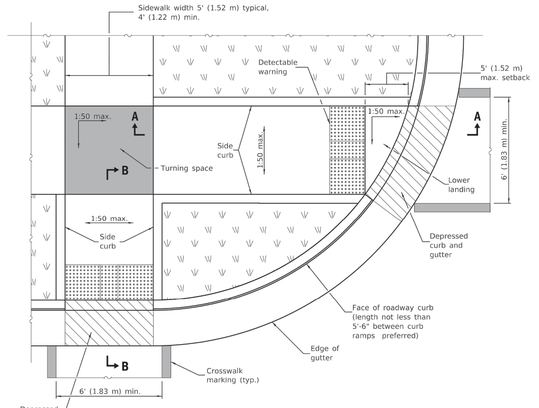
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DATE
11/30/2021

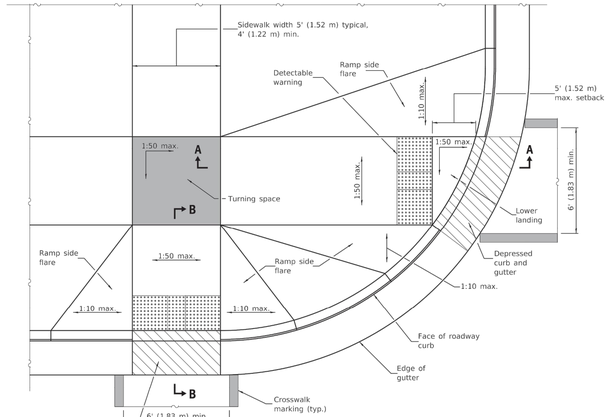
SHEET
C-22

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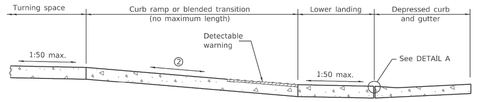
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RAMPS IN LANDSCAPED AREA SETBACK ≤ 5'

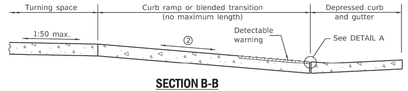


RAMPS IN PAVED AREA SETBACK ≤ 5'



SECTION A-A

② The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.

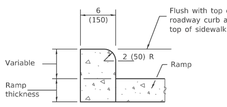


SECTION B-B

② The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.



DETAIL A



SIDE CURB DETAIL

See Sheet 2 for GENERAL NOTES.

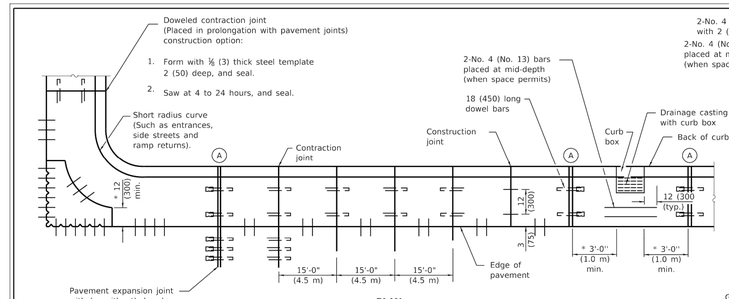
DATE	REVISIONS
1-1-19	Removed "15-foot rule", added
	"Blended transitions" and placement
	tolerances for detectable warnings.
1-1-18	Omitted diagonal slope at
	turning spaces and lower
	landings.

PERPENDICULAR CURB RAMPS FOR SIDEWALKS

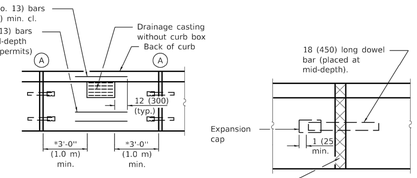
(Sheet 1 of 2)

STANDARD 424001-11

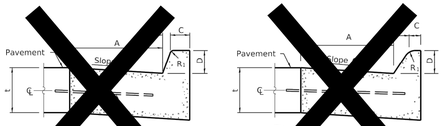
Illinois Department of Transportation
PASSED January 1, 2019 — ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2019 — ENGINEER OF DESIGN AND ENVIRONMENT
424001 - 11 STP



PLAN
ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE



DETAIL Ⓐ
EXPANSION JOINT



BARRIER CURB

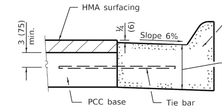
MOUNTABLE CURB

TABLE OF DIMENSIONS BARRIER CURB					
TYPE	A	B	C	D	R_1
B-6.06 *	6	1	6	6	1
(B-15.15)	(150)	(25)	(150)	(150)	(25)
B-6.12	12	1	6	6	1
(B-15.3)	(300)	(25)	(150)	(150)	(25)
B-6.18	18	1	6	6	1
(B-15.45)	(450)	(25)	(150)	(150)	(25)
B-6.24	24	1	6	6	1
(B-15.60)	(600)	(25)	(150)	(150)	(25)
B-9.12	12	2	5	9	1
(B-22.30)	(300)	(50)	(125)	(225)	(25)
B-9.18	18	2	5	9	1
(B-22.45)	(450)	(50)	(125)	(225)	(25)
B-9.24	24	2	5	9	1
(B-22.60)	(600)	(50)	(125)	(225)	(25)

* For corner islands only.

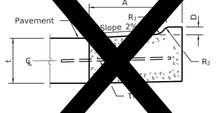
TABLE OF DIMENSIONS MOUNTABLE CURB					
	A	B	C	D	
M-2.06	6	2	4	2	2
(M-5.15)	(150)	(50)	(100)	(50)	(50)
M-2.12	12	2	4	2	2
(M-5.30)	(300)	(50)	(100)	(50)	(50)
M-4.06	6	2	4	2	3
(M-10.15)	(150)	(50)	(100)	(50)	(75)
M-4.12	12	2	4	2	3
(M-10.30)	(300)	(50)	(100)	(50)	(75)
M-4.18	18	2	4	2	3
(M-10.45)	(450)	(50)	(100)	(50)	(75)
M-4.24	24	2	4	2	3
(M-10.60)	(600)	(50)	(100)	(50)	(75)
M-6.06	6	2	6	2	2
(M-15.15)	(150)	(50)	(150)	(50)	(50)
M-6.12	12	2	6	2	2
(M-15.30)	(300)	(50)	(150)	(50)	(50)
M-6.18	18	2	6	2	2
(M-15.45)	(450)	(50)	(150)	(50)	(50)
M-6.24	24	2	6	2	2
(M-15.60)	(600)	(50)	(150)	(50)	(50)

MOUNTABLE CURB



DEPRESSED CURB (TYPICAL)

DEPRESSED CURB ADJACENT TO CURB RAMP ACCESSIBLE TO THE DISABLED



ADJACENT TO PCC BASE COURSE WITH HMA SURFACING

M-2.06 (M-5.15) and M-2.12 (M-5.30)

GENERAL NOTES

The bottom slope of combination curb and gutter constructed adjacent to pcc pavement shall be the same slope as the subbase or 6% when subbase is omitted.

t = Thickness of pavement.

Longitudinal joint tie bars shall be No. 6 (No. 19) at 36 (900) centers in accordance with details for longitudinal construction joint shown on Standard 420001.

A minimum clearance of 2 (50) between the end of the tie bar and the back of the curb shall be maintained.

The dowel bars shown in contraction joints will only be required for monolithic construction.

See Standard 606301 for details of corner islands.

All dimensions are in inches (millimeters) unless otherwise shown.

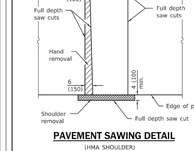
DATE	REVISIONS
1-1-18	Revised General Note for tie
	bar spacing to 36 (900) cts.
1-1-15	Added B-6.06 (B-15.15) barrier
	curb and gutter to table
	(corner islands only).

CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

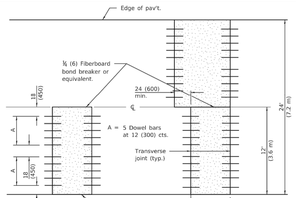
(Sheet 1 of 2)

STANDARD 606001-07

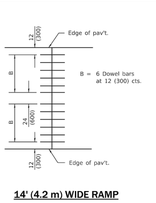
Illinois Department of Transportation
PASSED January 1, 2018 — ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2018 — ENGINEER OF DESIGN AND ENVIRONMENT
606001 - 07 STP



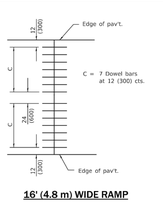
PAVEMENT SAWING DETAIL
(HMA SHOULDER)



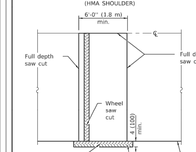
12' (3.6 m) WIDE LANES



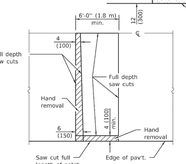
14' (4.2 m) WIDE RAMP



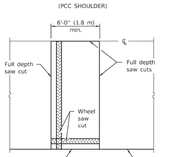
16' (4.8 m) WIDE RAMP



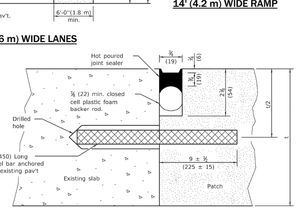
ALTERNATE SAWING DETAIL
(HMA SHOULDER)



PAVEMENT SAWING DETAIL
(PCC SHOULDER)



ALTERNATE SAWING DETAIL
(PCC SHOULDER)



TRANSVERSE JOINT

CENTERLINE JOINT

DOWEL BAR TABLE		
PAVEMENT THICKNESS	DOWEL BAR DIAMETER	HOLE DIAMETER
10 (250) or greater	1½ (38)	1⅝ (41)
8 (200) thru 9.99 (249)	1¼ (32)	1⅜ (35)
Less than 8 (200)	1 (25)	1⅛ (29)

GENERAL NOTES

The transverse joints for Class B patches shall align with joints or cracks in the adjacent lane whenever possible.

See Standard 420701 for details of welded wire reinforcement.

All dimensions are in inches (millimeters) unless otherwise shown.

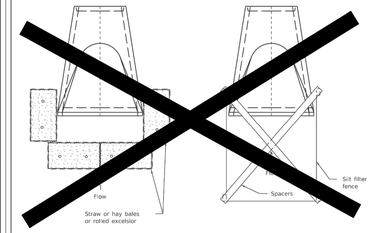
DATE	REVISIONS
1-1-19	Revised reference to Standard
	420701 in General Notes.
1-1-18	Revised DOWEL BAR TABLE.

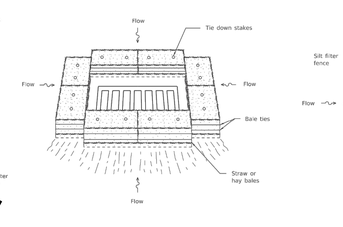
CLASS B PATCHES

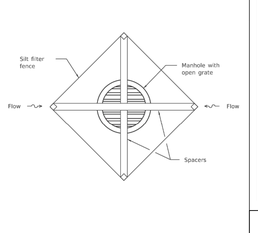
(Sheet 1 of 2)

STANDARD 442101-09

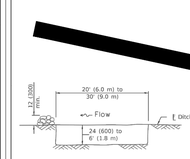
Illinois Department of Transportation
PASSED January 1, 2019 — ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2019 — ENGINEER OF DESIGN AND ENVIRONMENT
442101 - 09 STP



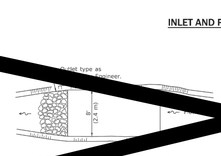




INLET AND PIPE PROTECTION

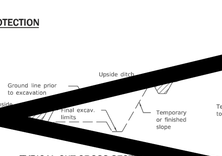


ELEVATION

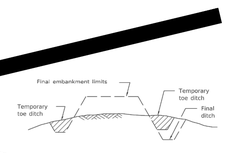


PLAN

SEDIMENT BASIN



TYPICAL CUT CROSS-SECTION



TYPICAL FILL CROSS-SECTION

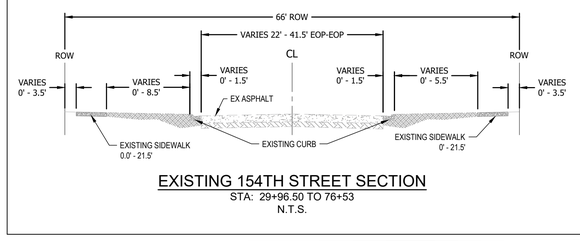
TEMPORARY DITCHES FOR CUT & FILL SECTIONS

TEMPORARY EROSION CONTROL SYSTEMS

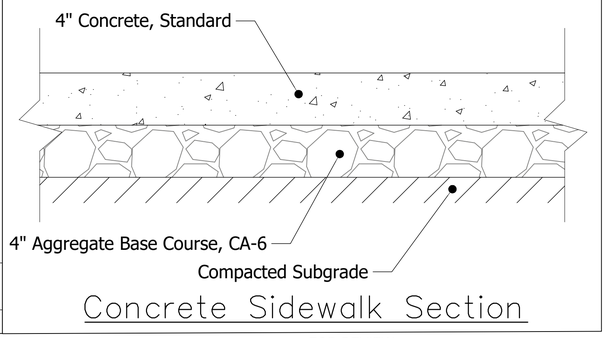
(Sheet 2 of 2)

STANDARD 280001-07

Illinois Department of Transportation
PASSED January 1, 2013 — ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2013 — ENGINEER OF DESIGN AND ENVIRONMENT
280001 - 07 STP



EXISTING 154TH STREET SECTION
STA: 29+96.50 TO 76+53
N.T.S.



Concrete Sidewalk Section

FOR REVIEW

Know what's below. Call before you dig.

No.	DATE	REVISION DESCRIPTION

PREPARED FOR

CITY OF HARVEY,
15320 BROADWAY AVENUE
HARVEY, IL 60426

Antero Group

PE STAMP

ISSUED FOR REVIEW

FOR AND ON BEHALF OF ANTERO GROUP

154TH STREET SIDEWALK PLAN

CONSTRUCTION DETAILS

CITY OF HARVEY, COOK COUNTY, ILLINOIS

JOB NUMBER CoH-2021001
DATE 11/30/2021
SHEET C-23

File Location: C:\Users\13037\anterogroup.com\Antero Group - Documents\Projects\City of Harvey\CoH-2021001 - 154th St Project\DWG\Sheets\CoH-2021001-DET.dwg Plot Date: 11/30/2021 2:02 PM Last Saved By: EKEGREN

WE ARE BUILDING
A BETTER HARVEY

Integrity . Unity . Pride

Christopher J. Clark, Mayor
CITY OF HARVEY

Addendum 1

Bid Number: 2020-01-01
for
2022 154th Street Sidewalk Improvements

Date of Issue: January 11, 2022
Addendum 1 Date of Issue: January 21, 2022
Proposals Due Date: January 25, 2022
Time: 5:00pm Central Time

City of Harvey
15320 Broadway Avenue
Harvey, IL 60426
Phone: 708-210-5300
Email: procurement@cityofharveyil.gov

2022 154th Street Sidewalk Improvements
ADDENDUM 1

Summary of Addendum 1:

1. Full Depth Sidewalk Removal line items is assumed to be 8" thick.

2. Proposed Sidewalks are in areas where existing sidewalk is being removed. It is assumed that the existing sidewalk is at least 8" thick, therefore it is not anticipated that earth excavation will be required as part of this project. If it is determined that earth excavation is necessary once construction begins, a Change Order will be issued for earth excavation, testing, and disposal of the material.

3. This project is Tax Exempt for cost of materials.

4. A bid bond is not required.

City of Harvey, IL

Project: 2022 154th Street Sidewalk Improvements
Bid Number: 2021-01-01

WE ARE BUILDING A BETTER HARVEY
Integrity . Unity . Pride
Christopher J. Clark, Mayor
CITY OF HARVEY

Bid Form Items (TOTAL ESTIMATED COST: $1,887,162.62)	Unit	Quantity	Sumit Construction Company, Inc.	J & J Newell Concrete Contractors, Inc. (ADDENDUM	Advantage Paving Solutions	Davis Concrete Construction Company (ADDENDUM	Acura, Incorporated	M & J Asphalt Paving Company Inc. (ADDENDUM)
Removal of Curb and Gutter	LF	1650	$13,200.00	$16,500.00	$14,025.00	$13,612.50	$16,500.00	$10,725.00
Full Depth Sidewalk Removal	SYS	6891	$165,384.00	$103,365.00	$148,156.50	$139,542.75	$206,730.00	$75,801.00
Curb and Gutter; B6.12	LF	1210	$41,140.00	$38,720.00	$43,378.50	$30,855.00	$30,250.00	$41,140.00
Depressed Curb	LF	440	$13,200.00	$14,080.00	$14,300.00	$11,220.00	$11,000.00	$14,960.00
4" PCC Sidewalk with 4" CA-6	SYS	6229	$473,404.00	$392,427.00	$337,300.35	$445,684.95	$504,549.00	$398,656.00
Detectable Warning	EACH	88	$24,200.00	$22,000.00	$13,640.00	$11,880.00	$26,400.00	$26,840.00
Inlet Protection	EACH	38	$5,700.00	$5,130.00	$1,900.00	$380.00	$5,700.00	$5,700.00
Sod	SYS	748	$11,968.00	$14,960.00	$28,050.00	$18,700.00	$8,976.00	$22,440.00
Pavement Patching	SYS	367	$51,380.00	$36,966.00	$2,268.60	$32,296.00	$55,050.00	$17,249.00
Total			**$799,576.00**	**$643,148.00**	**$623,430.95**	**$704,171.20**	**$865,155.00**	**$613,511.00**
CONTRACTOR REQUIREMENTS								
General Contractor's License			X	X		X	X	X
Other Certifications			X	X		X	X	X
PRIOR EXPERIENCE								
Multiple years of Experience			X	X	X	X	X	X
Team Resumes			X		X	X		
Statement confirming willingness to coordinate with Harvey								X
PROPOSAL REQUIREMENTS								
Cover Letter			X	X	X	X	X	X
Certificate of Good Standing				X		X	X	X
Evidence of Insurance			X	X	X	X	X	X
State License			X	X			X	X
Conflict of Interest Statement			X	X	X	X	X	X
Qualifications			X	X	X	X	X	X
Technical Approach			X	X	X	X	X	X
Three References			X	X	X	X	X	X
MBE/WBE Participation			DBE/MBE	DBE/WBE	MBE		MBE	MBE