

HRG PROJECT NO.: 88660255
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 FILE NAME: 88660255 - 57 - Vault Location Map.dgn
 PEN TABLE: 10/10/2023



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

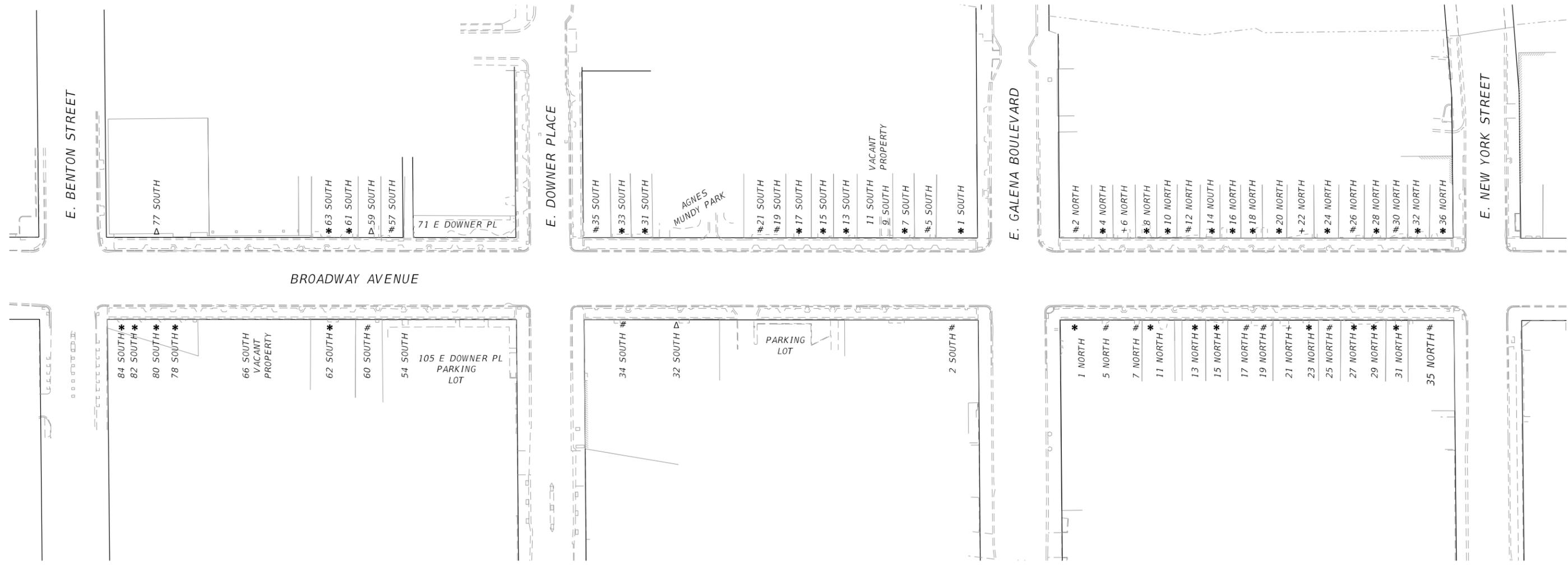
**SIDEWALK VAULT LOCATION MAP
 BROADWAY AVENUE - AURORA ILLINOIS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	PERMIT NO.	COUNTY	TOTAL SHEETS	SHEET NO.
		KANE	23	1
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

LEGEND

- + UNKNOWN VAULT STATUS
- * INDICATES VAULT LOCATION
- # VAULT PREVIOUSLY SEALED
- Δ ComEd VAULT - NO WORK



BROADWAY AVENUE

E. BENTON STREET

E. DOWNER PLACE

E. GALEANA BOULEVARD

E. NEW YORK STREET

AGNES MUNDY PARK

PARKING LOT

71 E DOWNER PL

105 E DOWNER PL
 PARKING LOT

GENERAL NOTES

- Plan dimensions and details relative to existing structure have been taken from field measurements of visible portions of the vault and building. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work; however, the Contractor will be paid for the quantity actually furnished at the unit price for the work.
- Unless noted otherwise herein or within the Project Specifications, the most recent version of the IDOT Standard Specifications for Road and Bridge Construction shall govern execution of this project including the General Requirements in Division 100.
- The prospective bidder shall, before submitting a bid, carefully examine the proposal form, plans, Specifications, Special Provisions and form of contract and bond. The bidder shall inspect in detail the site of the proposed work and the local conditions that affect the detailed requirements of construction. This shall include but not be limited to the condition of the pavements, utilities that are known, unknown or abandoned, unidentified vaults or cavities within the right-of-way and items buried within the right-of-way including utility structures. The City of Aurora will not accept request for contract cost increases including compensation for conditions that affect the progress of work.
- It is the Contractor's responsibility to field verify all existing conditions regarding state, city, and private owned utilities. The contractor shall be responsible for ensuring that all active cables remain in-service throughout work operations.
- Waterproofing per the applicable portions of Article 503.18(a) of the IDOT Standard Specifications for Road and Bridge Construction shall be applied to the exterior face of the proposed 12" concrete masonry unit walls. Cost shall be included in the cost of Masonry Wall Construction.
- Concrete masonry units (where indicated on plan) shall conform to the Special Provisions. (See next sheet).
- The Contractor shall remove and dispose of all debris and out-of-service utility boxes, conduits, wires, miscellaneous timber, etc. in vaults prior to beginning filling operations. It shall be the Contractor's responsibility to determine which equipment is out-of-service and available to be removed (See Note 4). Cost of removal and disposal shall be included in Controlled Low Strength Material.
- The General Condition Specifications include Contractors insurance requirements. The Contractors insurance shall include the City of Aurora and HR Green Inc. as additional insured.
- The General Condition Specifications prohibit work on Sunday. This requirement is waived for fiber optic work and other building utility work where cut overs and service interruptions will impact City. Prior to working on Sunday the Contractor must have approval by both the Engineer and Owner.
- The Contractor shall contact the owner prior to beginning work on the vault and coordinate the work.
- In addition to requirements set forth in Article 107.09, pedestrian traffic shall be protected during construction in accordance with Section 3306 of the most recent version of the International Building Code. Cost included in the unit price of Sidewalk Removal, Special.
- Work by the Contractor shall include:

VAULT FILL

Coordinate with utilities to perform their work in a timely manner and to minimize service interruptions. Any interruption to building services shall be scheduled with input from the building Owner and authorized by the Engineer.

Install masonry wall construction to block vault openings as shown.

Install waterproofing on masonry as shown.
Core through existing vault floor as shown.

Install Controlled Low Strength Material as shown on plans;

RESTORATION

Restore sidewalk as shown with Portland Cement Concrete Sidewalk (4") as shown.

- The following locations were unable to be investigated for the presence of a sidewalk vault:
6 N. Broadway
21 N. Broadway
22 N. Broadway
Contractor should assume that a sidewalk vault is present with dimensions equal to the building width and eight feet deep extending eight feet in front of the building.

INDEX OF SHEETS

- Sidewalk Vault Location Map
- General Notes
- Special Provisions
- Sidewalk Vaults - 78, 80, 82, & 84 South
- sidewalk vault - 62 South
- Sidewalk Vaults - 1 North & 32 South
- Sidewalk Vault - 11 North
- Sidewalk Vaults - 13 & 15 North
- Sidewalk Vault - 23 North
- Sidewalk Vaults - 27, 29, & 31 North
- Sidewalk Vaults - 59, 61, & 63 South
- Sidewalk Vaults - 31 & 33 South
- Sidewalk Vaults - 13, 15, & 17 South
- Sidewalk Vaults - 1, 5, & 7 South
- Sidewalk Vaults - 4, & 8 North
- Sidewalk Vault - 10 North
- Sidewalk Vaults - 14, & 16 North
- Sidewalk Vaults - 18, & 20 North
- Sidewalk Vaults - 22 & 24 North
- Sidewalk Vaults - 28 North
- Sidewalk Vaults - 32 & 36 North
- Construction Details

TOTAL BILL OF MATERIALS

ITEM	UNIT	TOTAL
Masonry Wall Construction	Sq. Ft.	5177
Geocomposite Wall Drain (Special)	Sq. Yd.	714
Controlled Low Strength Material	Cu. Yd.	1324
Sidewalk Removal (Special)	Sq. Ft.	512
Portland Cement Concrete Sidewalk 4 Inch	Sq. Ft.	512

CONTACT INFORMATION

Company	Contact	Phone	Email
AT&T / Distribution			g11629@att.com
AT&T / T-TCG	Tim LaPointe	713-830-7437	tl0695@att.com
City of Aurora	Martha Houston	331-254-2026	houstonm@aurora.il.us
Comcast	Martha Gieras	224-229-5862	martha_gieras@cable.comcast.com
ComEd	Lisa Argast	708-277-8511	PlanSubmittalsandMapRequests@exeloncorp.com
Fox Metro Water	Keith Zollers	630-301-6810	kzollers@foxmetro.org
Reclamation District			
Metronet		812-213-1050	811design@metronet.com
MCI / Verizon	Travis Van Wink		ASG.Investigationsteam@ASGInc.us Twyk@asginc.us
Nicor	Jimmy Ly		gasmaps@aglresources.com

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES BROADWAY AVENUE - AURORA ILLINOIS	
SHEET NO. OF SHEETS	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		KANE	23	2
CONTRACT NO.				
		ILLINOIS	FED. AID PROJECT	

SPECIAL PROVISIONS

1. MASONRY WALL CONSTRUCTION (12")

Description

- A. This work consists of constructing unit masonry assemblies consisting of the following:
 - 1. Concrete masonry units.
 - 2. Mortar and grout.
 - 3. Reinforcement Bars
 - 4. Waterproofing
- B. Concrete masonry shown on drawings will function as a closure for the existing openings.
- C. Provide unit masonry that develops the following net-area compressive strengths (f'm) at 28 days. Determine compressive strength of masonry by testing masonry prisms according to ASTM C 1314.
- D. For Concrete Unit Masonry: f'm = 1500 psi.

Materials

The concrete blocks shall meet requirements of Article 1042.15 and the following:

Concrete Masonry Units: ASTM C 90 and as follows:

- 1. Unit Compressive Strength: Provide units with minimum average net-area compressive strength of 1900 psi.
- 2. Weight Classification: Normal weight.
- 3. Size (Width): Manufactured to the following dimensions: 12 inches nominal; 11 7/8 inches actual.

Reinforcement Bars: ASTM A 706 Gr. 60 in conformance with the Section 508 of the Standard Specifications.

Pre blended, Dry Mortar Mix: Furnish dry mortar ingredients in the form of a pre blended mix. Type M, ASTM C270.

Grout for filling cells and bond beams shall conform to ASTM C476. Grout shall have a minimum compressive strength of 2000 psi at 28 days. Grout shall be a "coarse grout" including 3/8" coarse aggregate.

Placement

- A. Lay masonry in the following bond pattern.
 - Running bond with vertical joint in each course centered (± 8") on units in courses above and below.
- B. Lay hollow masonry units as follows:
 - With full mortar coverage on horizontal and vertical face shells.
 - Bed webs in mortar in starting course.
- C. Tool exposed joints slightly concave when thumbprint hard, using a jointer larger than the joint thickness, unless otherwise indicated.
- D. Pointing: During the tooling of joints, enlarge voids and holes, except weep holes, and completely fill with mortar. Point up joints, including corners, openings, and adjacent construction, to provide a neat, uniform appearance. Prepare joints for sealant application.
- E. Apply Waterproofing to street side of new and existing walls in accordance with Art. 503.18, Cost included under Masonry Wall Construction.
- F. Install Geocomposite Wall Drain per Act. 591.03.

Alternative Wall Type.

- A. The Contractor may construct a reinforced concrete wall as a substitution for Masonry Wall Construction. If the Contractor chooses this alternative, the following requirements apply:
 - Wall shall be 11 1/2" to 12" thick.
 - The dowels and reinforcing bars shown for the Masonry Wall Construction shall be used. Horizontal #5 bars at 16" on center.
 - Class SI concrete shall be utilized in accordance with Section 503 of the Standard Specifications.
- B. Shop drawing shall be submitted to the Engineer for approval.

2. CONTROLLED LOW STRENGTH MATERIAL

Controlled Low Strength Material (CLSM) work shall conform to the plans and the applicable portions of Section 593 of the Standard Specifications with the following additional requirements:

Where CLSM is poured against an existing building, bracing shall be supplied to carry pressure from the fluid CLSM. Time between 2'-0" lifts shall not be less than 18 hours.

The CLSM shall be constructed in lifts of 24" maximum.

CLSM shall be mix Number 1.

3. GEOCOMPOSITE WALL DRAIN (SPECIAL)

This work shall be in accordance with the details in the plans and Section 591 of the Standard Specifications except that there is not an outlet pipe connection.

4. SIDEWALK REMOVAL (SPECIAL)

This work will be accordance with Section 440 of the Standard Specifications except that the dimensions of removal at each location shall be 4'-0" x 4'-0", and the edges shall be sawcut. Cutting and removal of the metal decking supporting the existing sidewalk will be included in the cost of SIDEWALK REMOVAL (SPECIAL).

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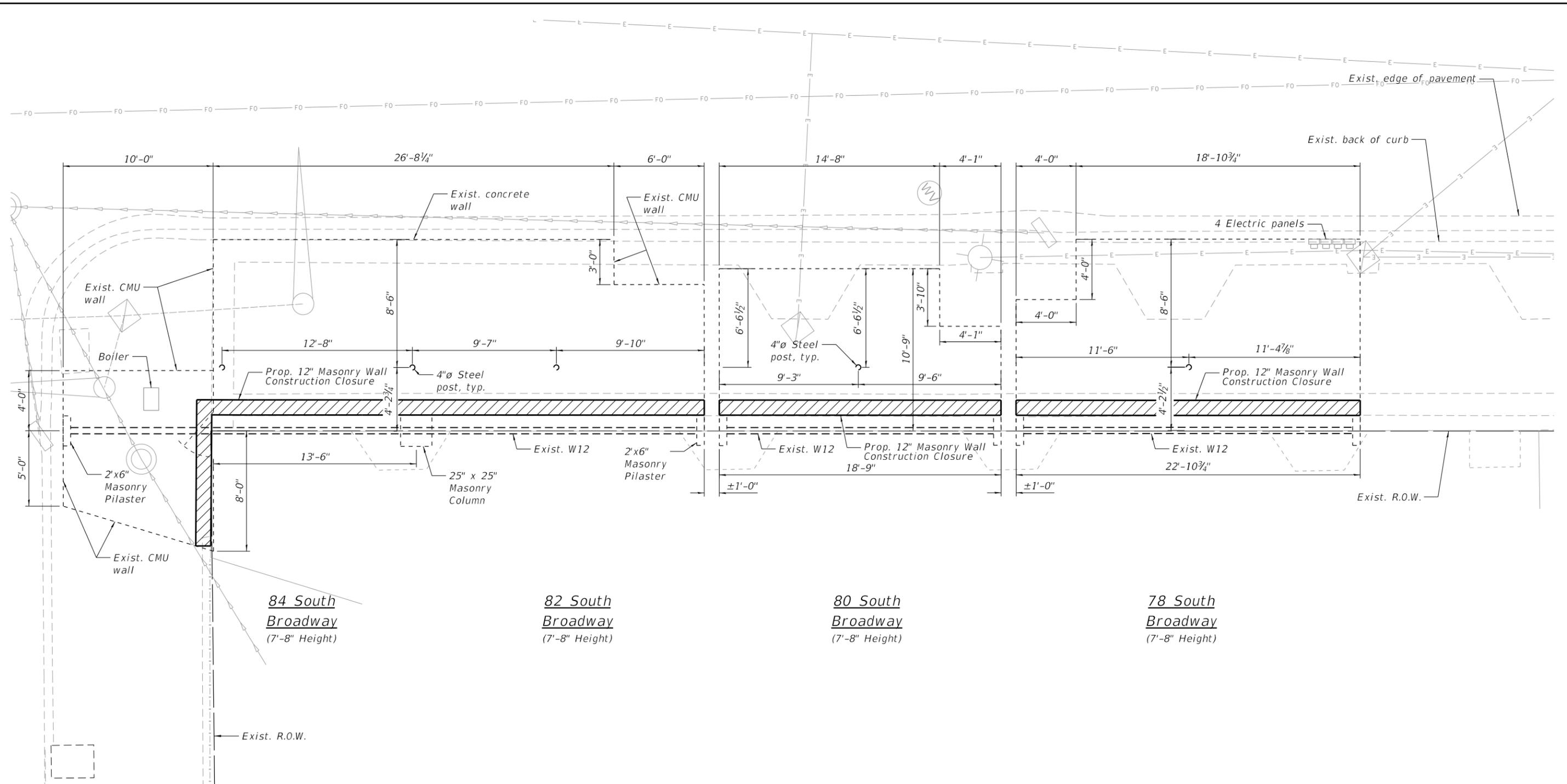
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPECIFICATIONS
BROADWAY AVENUE – AURORA ILLINOIS**

SHEET NO. OF SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		KANE	23	3
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



BILL OF MATERIAL
82-84 S. BROADWAY

ITEM	UNIT	TOTAL
Masonry Wall Construction	Sq. Ft.	296
Geocomposite Wall Drain (Special)	Sq. Yd.	42
Controlled Low Strength Material	Cu. Yd.	121
Sidewalk Removal (Special)	Sq. Ft.	16
Portland Cement Concrete Sidewalk 4 Inch	Sq. Ft.	16

BILL OF MATERIAL
80 S. BROADWAY

ITEM	UNIT	TOTAL
Masonry Wall Construction	Sq. Ft.	144
Geocomposite Wall Drain (Special)	Sq. Yd.	21
Controlled Low Strength Material	Cu. Yd.	43
Sidewalk Removal (Special)	Sq. Ft.	16
Portland Cement Concrete Sidewalk 4 Inch	Sq. Ft.	16

BILL OF MATERIAL
78 S. BROADWAY

ITEM	UNIT	TOTAL
Masonry Wall Construction	Sq. Ft.	176
Geocomposite Wall Drain (Special)	Sq. Yd.	25
Controlled Low Strength Material	Cu. Yd.	66
Sidewalk Removal (Special)	Sq. Ft.	16
Portland Cement Concrete Sidewalk 4 Inch	Sq. Ft.	16

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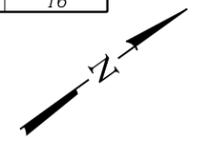
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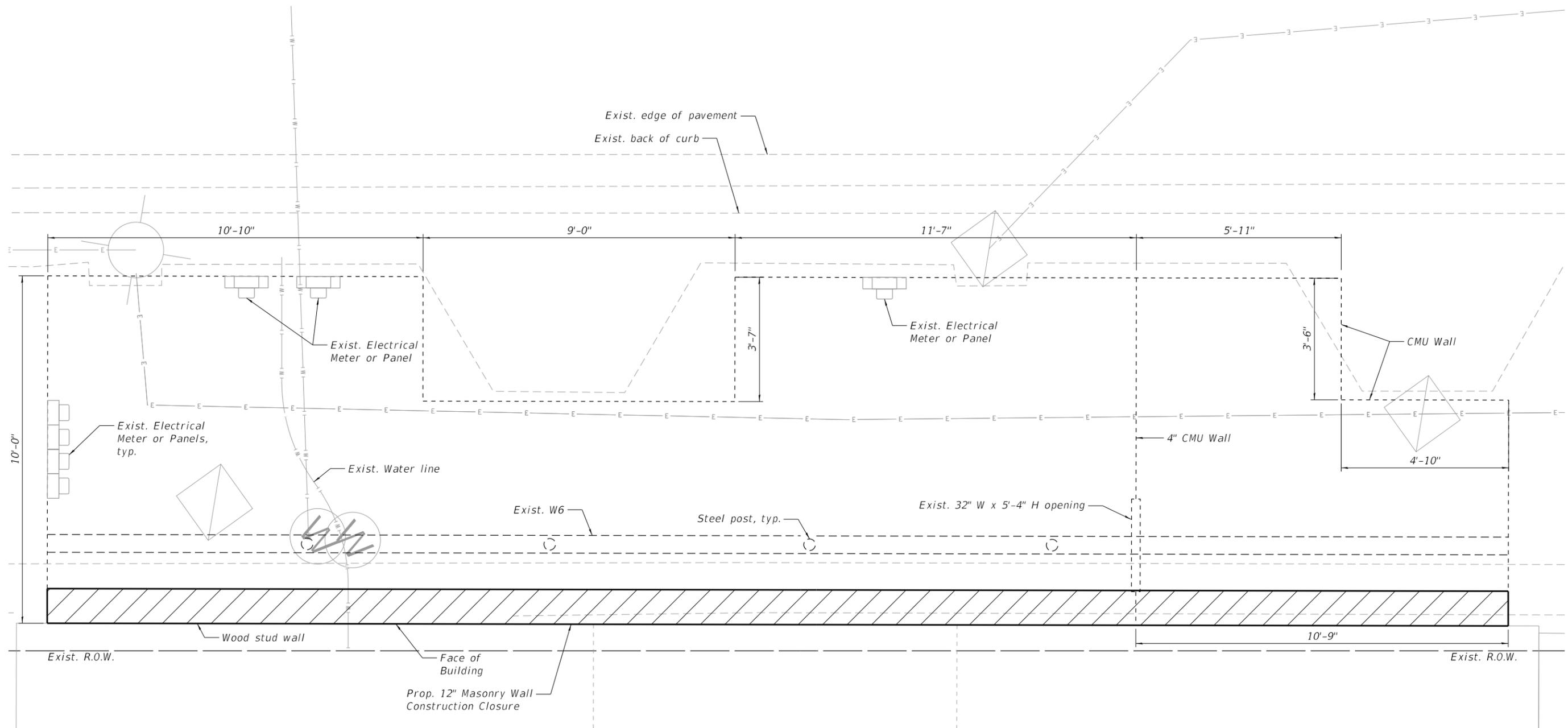
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SIDEWALK VAULTS - 78, 80, 82, & 84 SOUTH
BROADWAY AVENUE - AURORA ILLINOIS

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CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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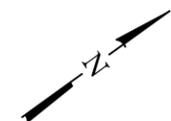




**62 SOUTH
BROADWAY**
(7'-6" Height)

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Masonry Wall Construction	Sq. Ft.	317
Geocomposite Wall Drain (Special)	Sq. Yd.	45
Controlled Low Strength Material	Cu. Yd.	91
Sidewalk Removal (Special)	Sq. Ft.	16
Portland Cement Concrete Sidewalk 4 Inch	Sq. Ft.	16



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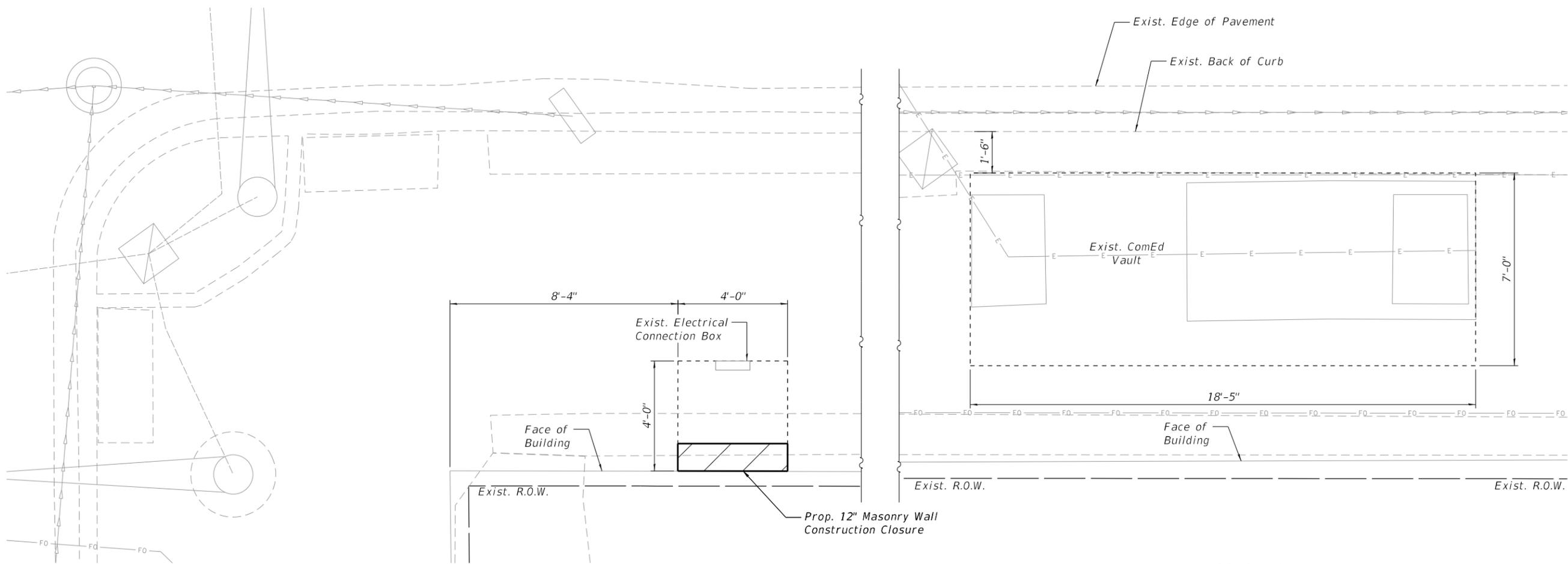
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**SIDEWALK VAULT - 62 SOUTH
BROADWAY AVENUE - AURORA ILLINOIS**

SHEET NO. OF SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		KANE	23	5
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



**1 North
Broadway**
(4'-0" Height)

**32 South
Broadway**
ComEd Transformer Vault
(No Work Being Performed)

BILL OF MATERIAL
1 N. BROADWAY

ITEM	UNIT	TOTAL
Masonry Wall Construction	Sq. Ft.	16
Geocomposite Wall Drain (Special)	Sq. Yd.	3
Controlled Low Strength Material	Cu. Yd.	2
Sidewalk Removal (Special)	Sq. Ft.	16
Portland Cement Concrete Sidewalk 4 Inch	Sq. Ft.	16

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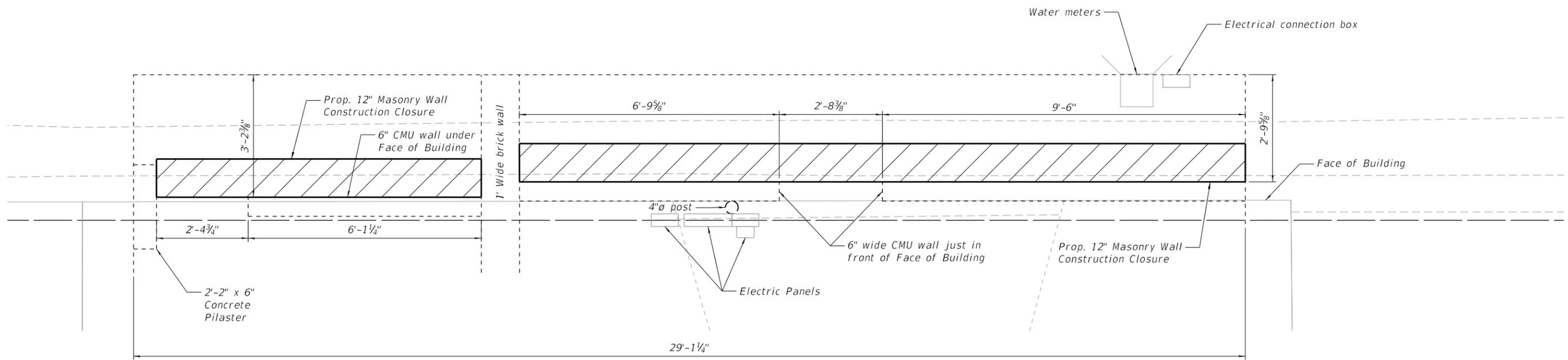
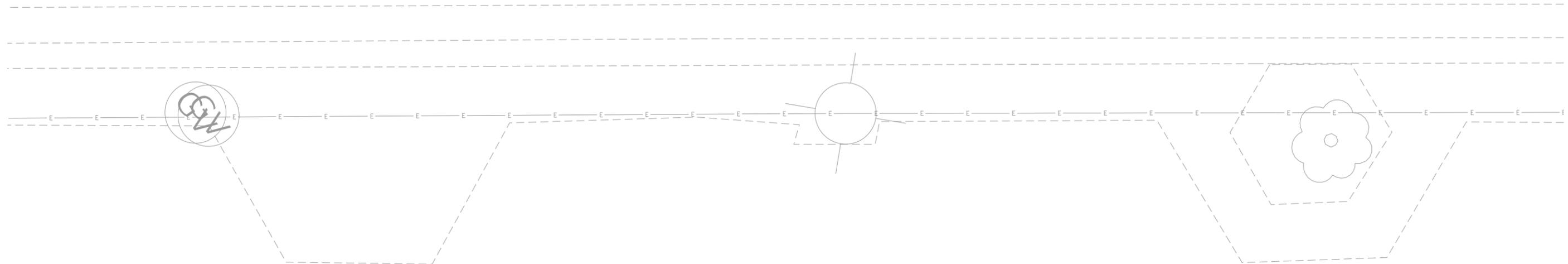
SIDEWALK VAULTS - 1 NORTH & 32 SOUTH
BROADWAY AVENUE - AURORA ILLINOIS

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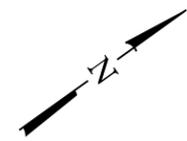
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		KANE	23	7
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

BILL OF MATERIAL
11 N. BROADWAY

ITEM	UNIT	TOTAL
Masonry Wall Construction	Sq. Ft.	207
Geocomposite Wall Drain (Special)	Sq. Yd.	30
Controlled Low Strength Material	Cu. Yd.	15
Sidewalk Removal (Special)	Sq. Ft.	16
Portland Cement Concrete Sidewalk 4 Inch	Sq. Ft.	16



**11 NORTH
BROADWAY**
(7'-6" Height)



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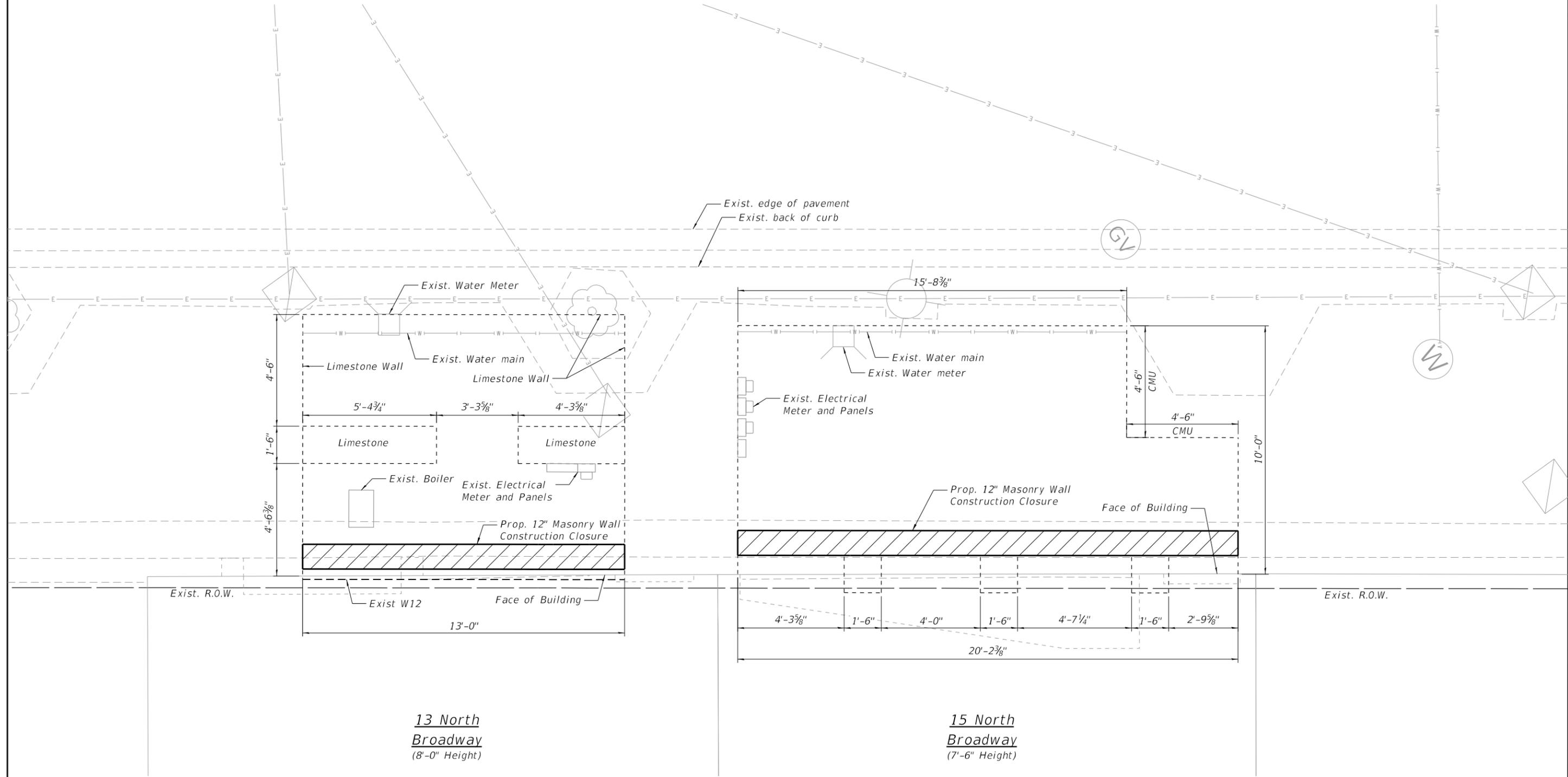
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DEPARTMENT OF TRANSPORTATION**

**SIDEWALK VAULT - 11 NORTH
BROADWAY AVENUE - AURORA ILLINOIS**

SHEET NO. OF SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		KANE	23	8
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



**13 North
Broadway**
(8'-0" Height)

**15 North
Broadway**
(7'-6" Height)

**BILL OF MATERIAL
13 N. BROADWAY**

ITEM	UNIT	TOTAL
Masonry Wall Construction	Sq. Ft.	104
Geocomposite Wall Drain (Special)	Sq. Yd.	15
Controlled Low Strength Material	Cu. Yd.	33
Sidewalk Removal (Special)	Sq. Ft.	16
Portland Cement Concrete Sidewalk 4 Inch	Sq. Ft.	16

**BILL OF MATERIAL
15 N. BROADWAY**

ITEM	UNIT	TOTAL
Masonry Wall Construction	Sq. Ft.	152
Geocomposite Wall Drain (Special)	Sq. Yd.	22
Controlled Low Strength Material	Cu. Yd.	41
Sidewalk Removal (Special)	Sq. Ft.	16
Portland Cement Concrete Sidewalk 4 Inch	Sq. Ft.	16

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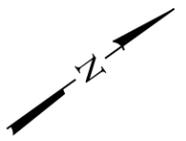
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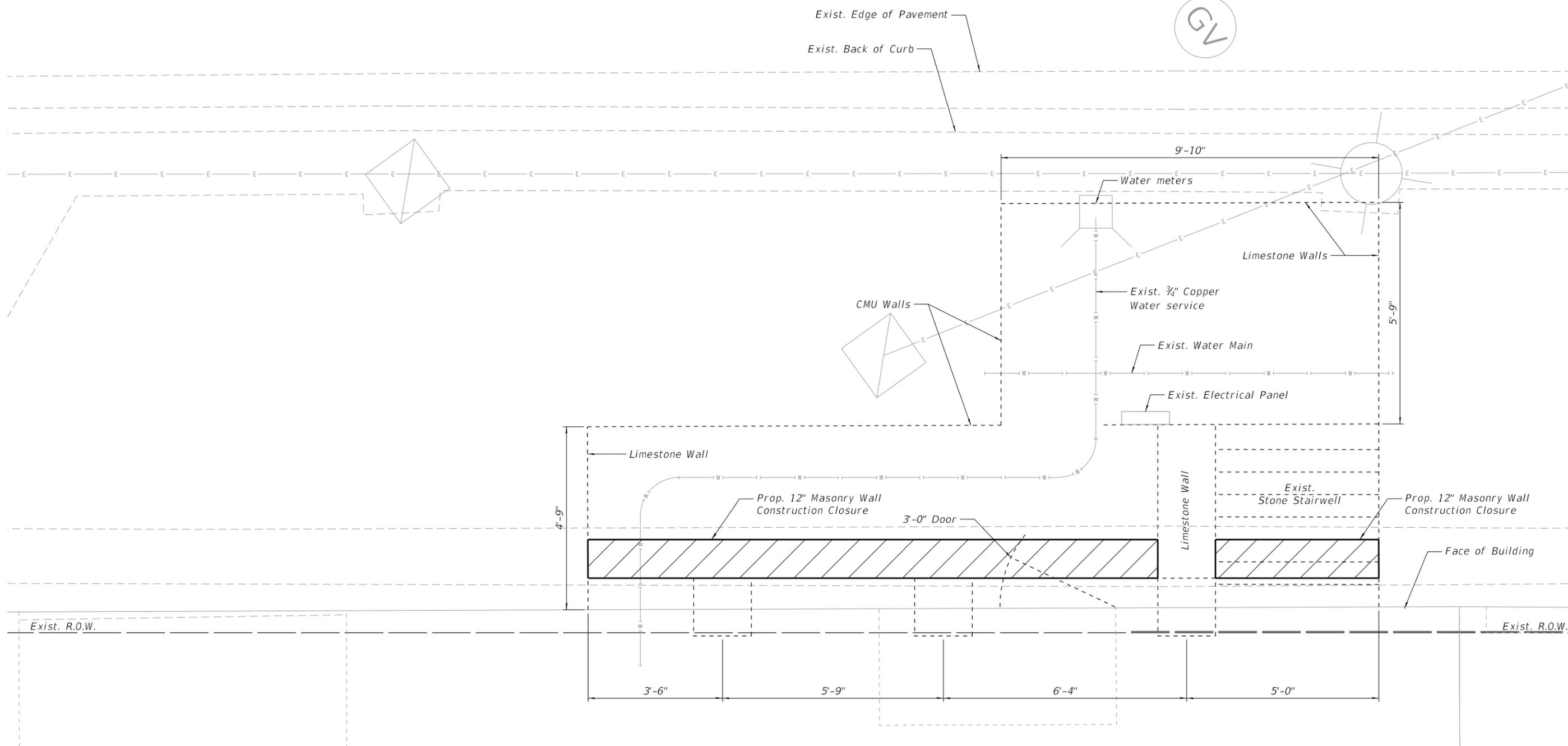
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**SIDEWALK VAULTS - 13 & 15 NORTH
BROADWAY AVENUE - AURORA ILLINOIS**

SHEET NO. OF SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		KANE	23	9
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				





**23 NORTH
BROADWAY**
(8'-0" Height)

**BILL OF MATERIAL
23 N. BROADWAY**

ITEM	UNIT	TOTAL
Masonry Wall Construction	Sq. Ft.	153
Geocomposite Wall Drain (Special)	Sq. Yd.	22
Controlled Low Strength Material	Cu. Yd.	45
Sidewalk Removal (Special)	Sq. Ft.	16
Portland Cement Concrete Sidewalk 4 Inch	Sq. Ft.	16

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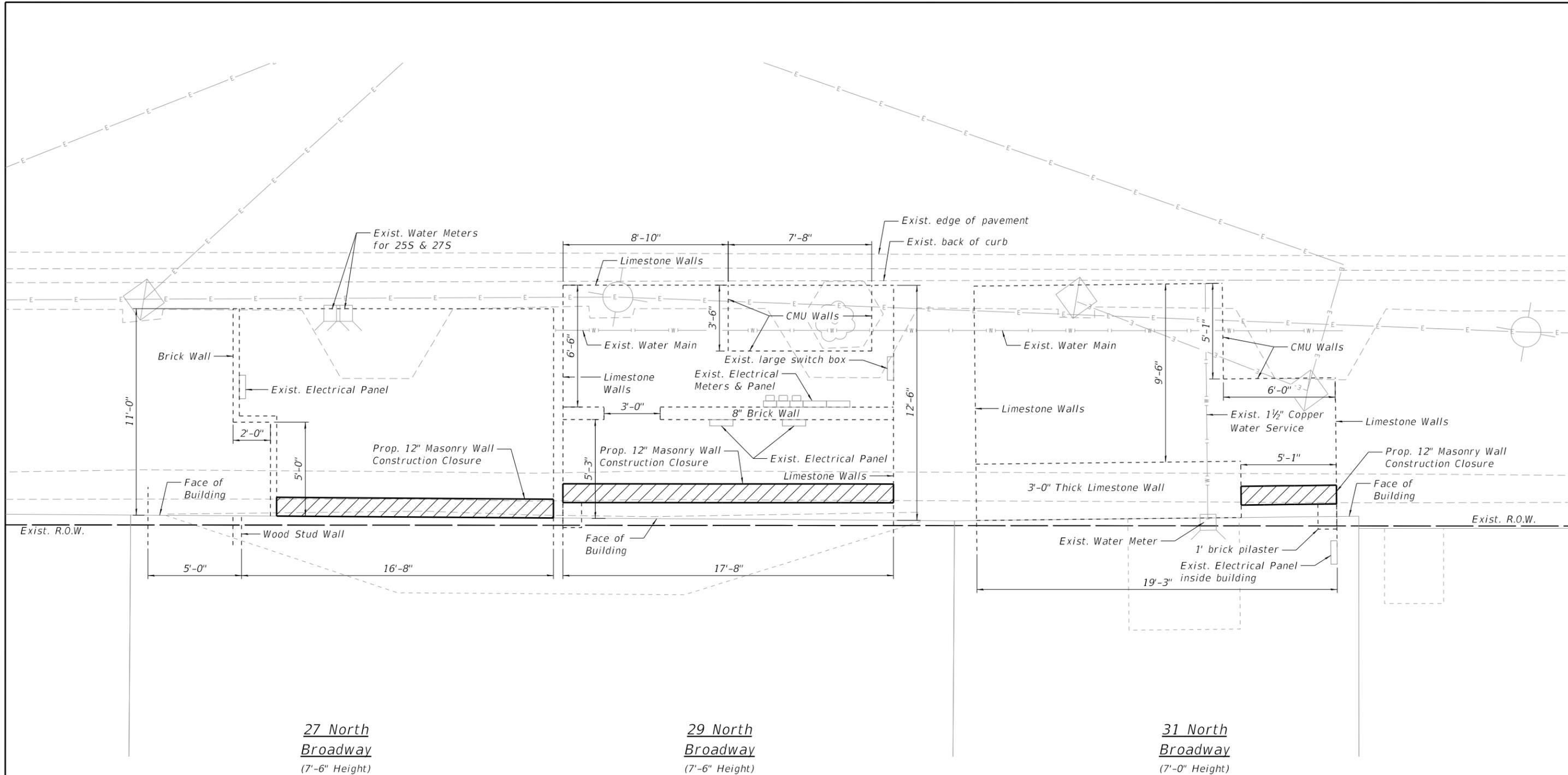
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK VAULT - 23 NORTH
BROADWAY AVENUE - AURORA ILLINOIS**

SHEET NO. OF SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		KANE	23	10
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



27 North Broadway
(7'-6" Height)

29 North Broadway
(7'-6" Height)

31 North Broadway
(7'-0" Height)

BILL OF MATERIAL
27 N. BROADWAY

ITEM	UNIT	TOTAL
Masonry Wall Construction	Sq. Ft.	111
Geocomposite Wall Drain (Special)	Sq. Yd.	16
Controlled Low Strength Material	Cu. Yd.	45
Sidewalk Removal (Special)	Sq. Ft.	16
Portland Cement Concrete Sidewalk 4 Inch	Sq. Ft.	16

BILL OF MATERIAL
29 N. BROADWAY

ITEM	UNIT	TOTAL
Masonry Wall Construction	Sq. Ft.	133
Geocomposite Wall Drain (Special)	Sq. Yd.	19
Controlled Low Strength Material	Cu. Yd.	44
Sidewalk Removal (Special)	Sq. Ft.	16
Portland Cement Concrete Sidewalk 4 Inch	Sq. Ft.	16

BILL OF MATERIAL
31 N. BROADWAY

ITEM	UNIT	TOTAL
Masonry Wall Construction	Sq. Ft.	36
Geocomposite Wall Drain (Special)	Sq. Yd.	6
Controlled Low Strength Material	Cu. Yd.	38
Sidewalk Removal (Special)	Sq. Ft.	16
Portland Cement Concrete Sidewalk 4 Inch	Sq. Ft.	16

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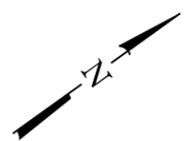
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SIDEWALK VAULTS - 27, 29, & 31 NORTH
BROADWAY AVENUE - AURORA ILLINOIS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		KANE	23	11
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

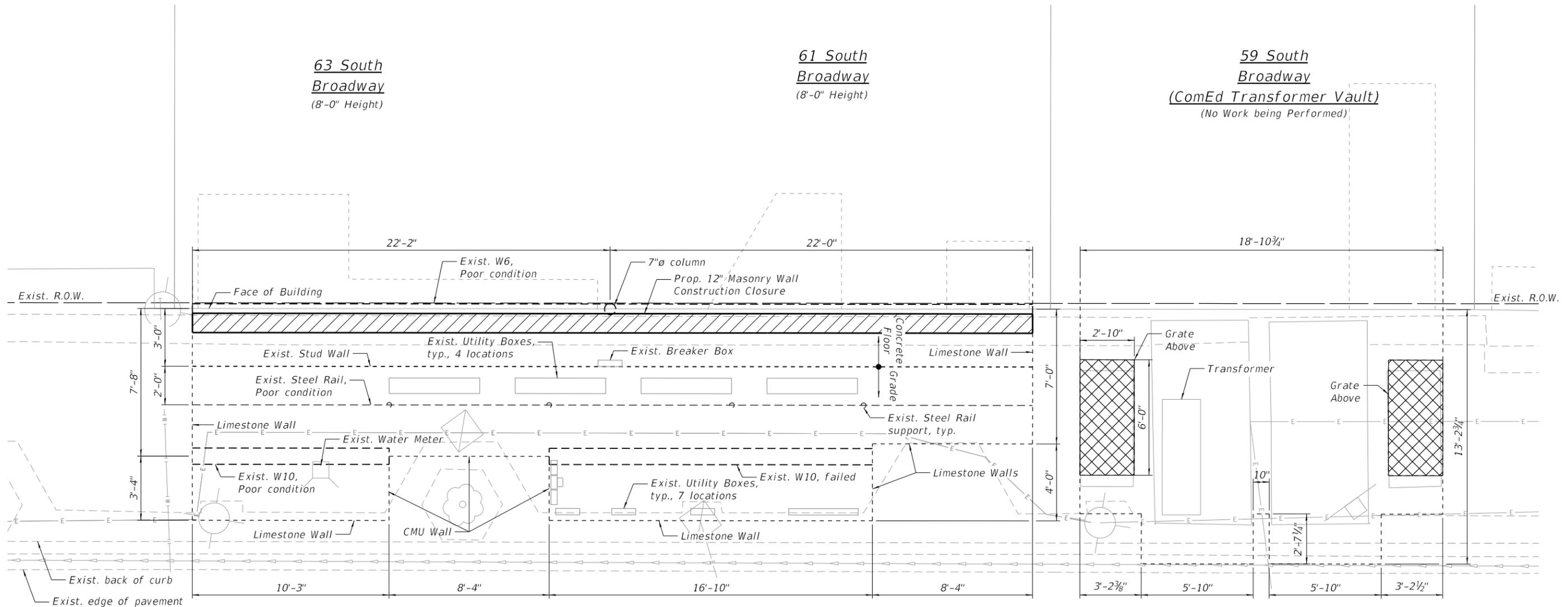
SHEET NO. OF SHEETS



63 South
Broadway
(8'-0" Height)

61 South
Broadway
(8'-0" Height)

59 South
Broadway
(ComEd Transformer Vault)
(No Work being Performed)



BILL OF MATERIAL
61 S. & 63 S. BROADWAY

ITEM	UNIT	TOTAL
Masonry Wall Construction	Sq. Ft.	354
Geocomposite Wall Drain (Special)	Sq. Yd.	50
Controlled Low Strength Material	Cu. Yd.	106
Sidewalk Removal (Special)	Sq. Ft.	16
Portland Cement Concrete Sidewalk 4 Inch	Sq. Ft.	16

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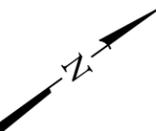
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK VAULTS - 59, 61, & 63 SOUTH
BROADWAY AVENUE - AURORA ILLINOIS

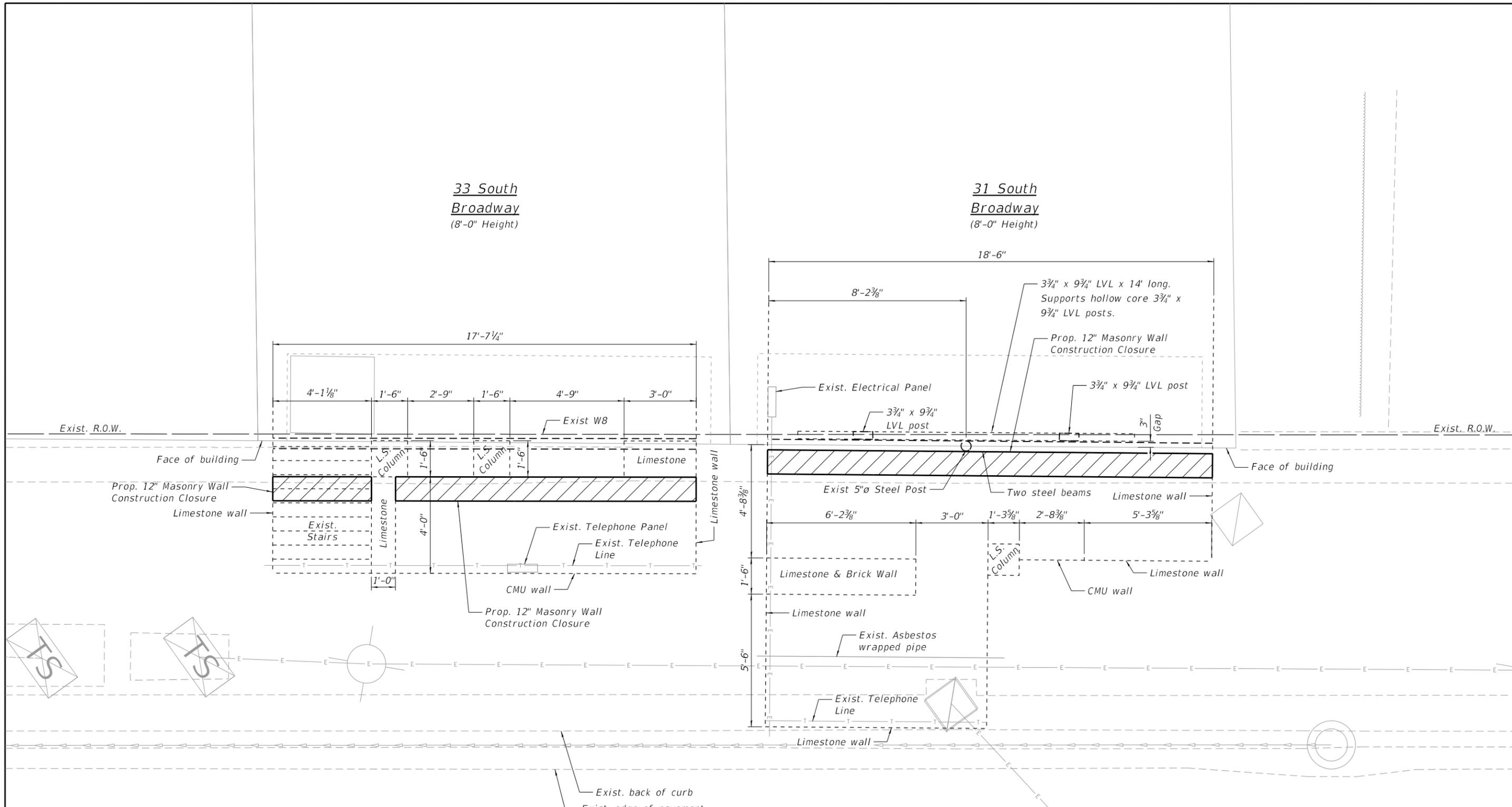
SHEET NO. OF SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		KANE	23	12
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



**33 South
Broadway**
(8'-0" Height)

**31 South
Broadway**
(8'-0" Height)



**BILL OF MATERIAL
33 S. BROADWAY**

ITEM	UNIT	TOTAL
Masonry Wall Construction	Sq. Ft.	133
Geocomposite Wall Drain (Special)	Sq. Yd.	13
Controlled Low Strength Material	Cu. Yd.	15
Sidewalk Removal (Special)	Sq. Ft.	16
Portland Cement Concrete Sidewalk 4 Inch	Sq. Ft.	16

**BILL OF MATERIAL
31 S. BROADWAY**

ITEM	UNIT	TOTAL
Masonry Wall Construction	Sq. Ft.	148
Geocomposite Wall Drain (Special)	Sq. Yd.	21
Controlled Low Strength Material	Cu. Yd.	37
Sidewalk Removal (Special)	Sq. Ft.	16
Portland Cement Concrete Sidewalk 4 Inch	Sq. Ft.	16

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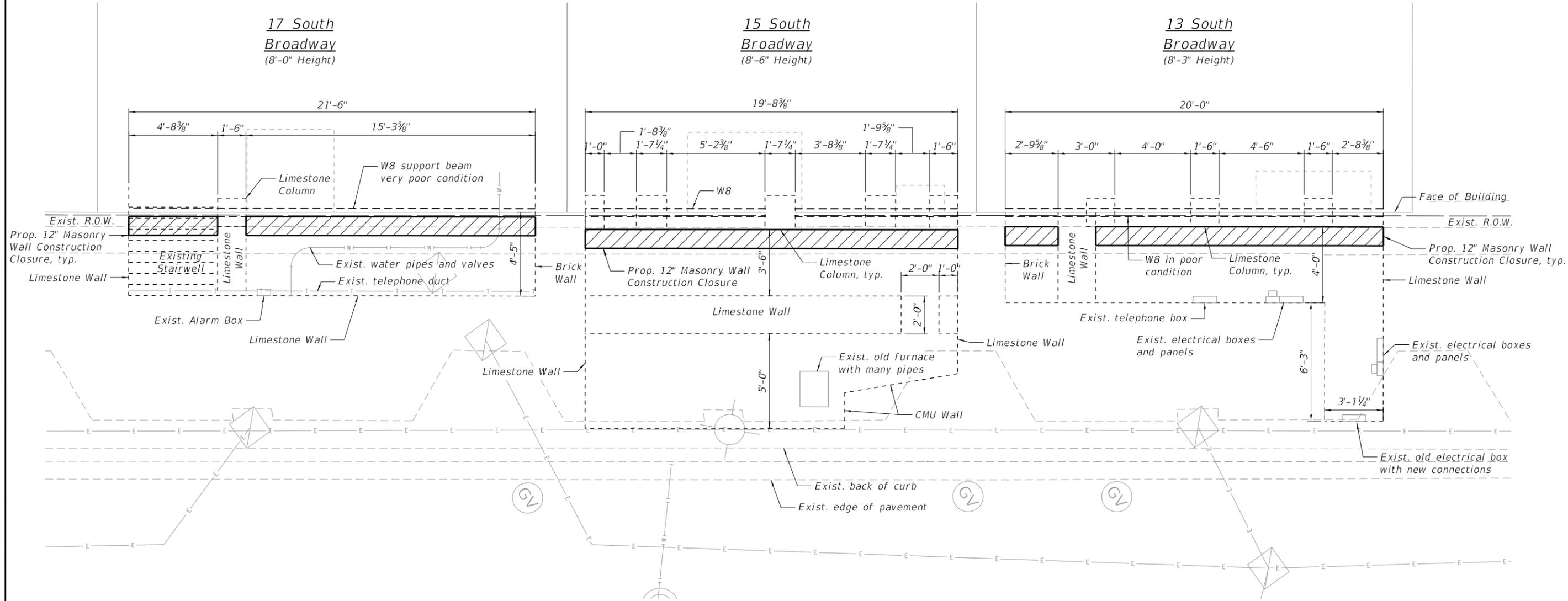
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK VAULTS - 31 & 33 SOUTH
BROADWAY AVENUE - AURORA ILLINOIS**

SHEET NO. OF SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		KANE	23	13
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



BILL OF MATERIAL
17 S. BROADWAY

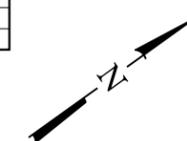
ITEM	UNIT	TOTAL
Masonry Wall Construction	Sq. Ft.	160
Geocomposite Wall Drain (Special)	Sq. Yd.	23
Controlled Low Strength Material	Cu. Yd.	21
Sidewalk Removal (Special)	Sq. Ft.	16
Portland Cement Concrete Sidewalk 4 Inch	Sq. Ft.	16

BILL OF MATERIAL
15 S. BROADWAY

ITEM	UNIT	TOTAL
Masonry Wall Construction	Sq. Ft.	168
Geocomposite Wall Drain (Special)	Sq. Yd.	15
Controlled Low Strength Material	Cu. Yd.	48
Sidewalk Removal (Special)	Sq. Ft.	16
Portland Cement Concrete Sidewalk 4 Inch	Sq. Ft.	16

BILL OF MATERIAL
13 S. BROADWAY

ITEM	UNIT	TOTAL
Masonry Wall Construction	Sq. Ft.	165
Geocomposite Wall Drain (Special)	Sq. Yd.	18
Controlled Low Strength Material	Cu. Yd.	23
Sidewalk Removal (Special)	Sq. Ft.	16
Portland Cement Concrete Sidewalk 4 Inch	Sq. Ft.	16



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK VAULTS - 13, 15, & 17 SOUTH
BROADWAY AVENUE - AURORA ILLINOIS

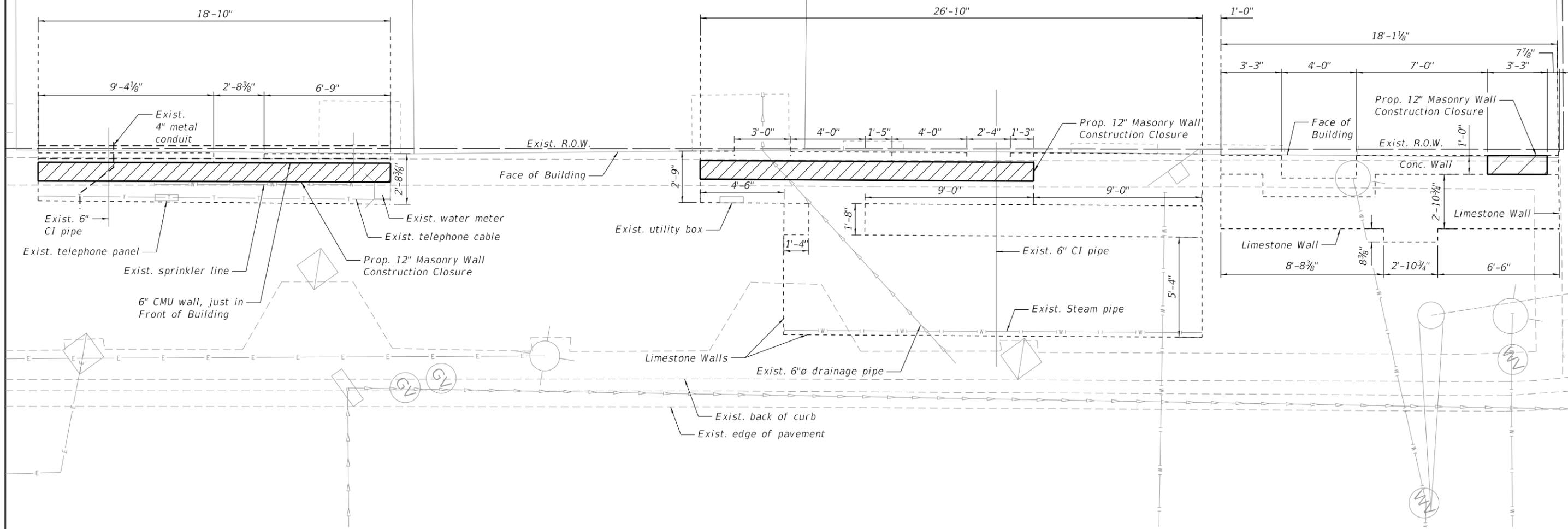
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		KANE	23	14
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

SHEET NO. OF SHEETS

7 South
Broadway
(8'-10" Height)

5 South
Broadway
(Vault previously filled)

1 South
Broadway
(8'-10" Height)



BILL OF MATERIAL
7 S. BROADWAY

ITEM	UNIT	TOTAL
Masonry Wall Construction	Sq. Ft.	167
Geocomposite Wall Drain (Special)	Sq. Yd.	23
Controlled Low Strength Material	Cu. Yd.	8
Sidewalk Removal (Special)	Sq. Ft.	16
Portland Cement Concrete Sidewalk 4 Inch	Sq. Ft.	16

BILL OF MATERIAL
1 S. BROADWAY

ITEM	UNIT	TOTAL
Masonry Wall Construction	Sq. Ft.	187
Geocomposite Wall Drain (Special)	Sq. Yd.	24
Controlled Low Strength Material	Cu. Yd.	64
Sidewalk Removal (Special)	Sq. Ft.	16
Portland Cement Concrete Sidewalk 4 Inch	Sq. Ft.	16

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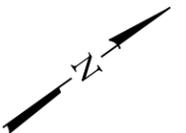
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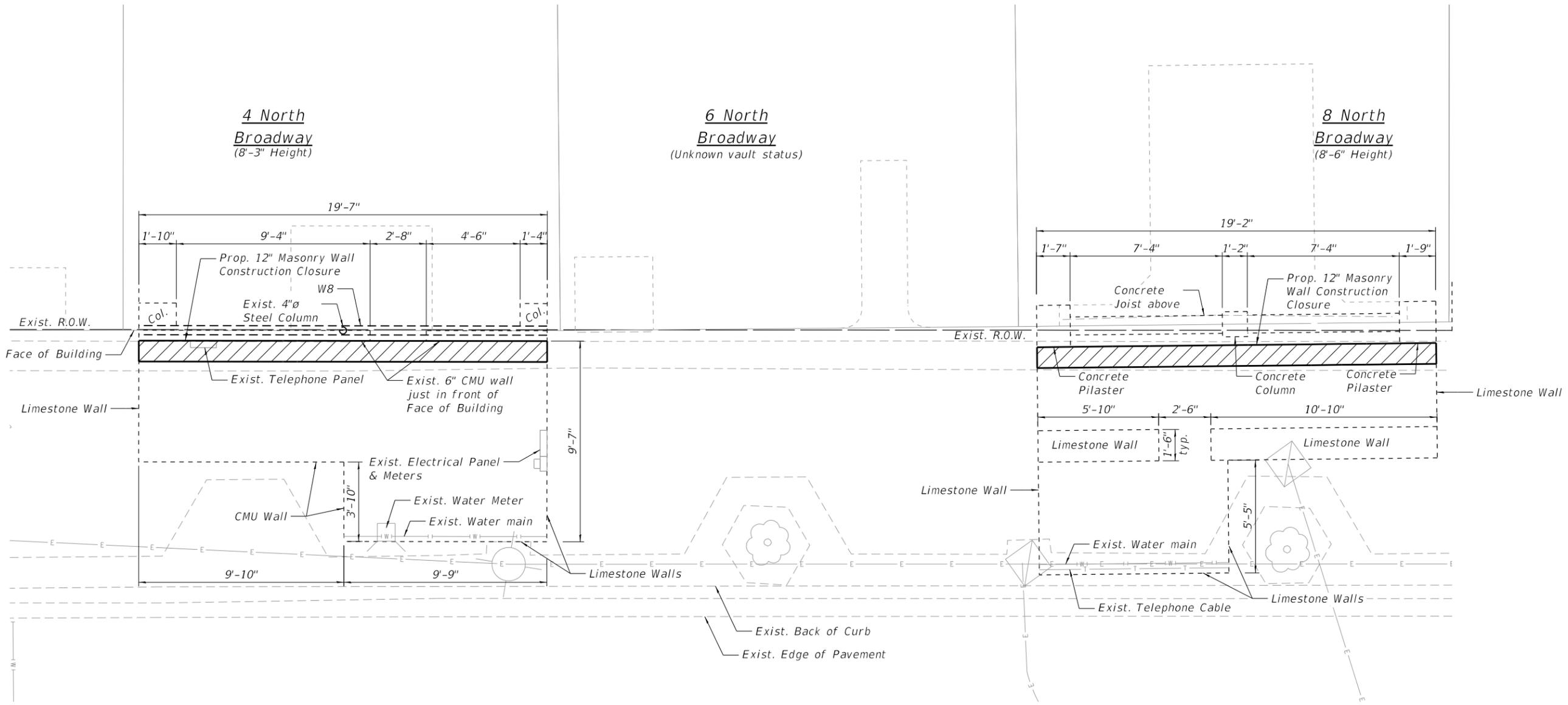
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK VAULTS - 1, 5, & 7 SOUTH
BROADWAY AVENUE - AURORA ILLINOIS**

SHEET NO. OF SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		KANE	23	15
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				





BILL OF MATERIAL
4 N. BROADWAY

ITEM	UNIT	TOTAL
Masonry Wall Construction	Sq. Ft.	162
Geocomposite Wall Drain (Special)	Sq. Yd.	23
Controlled Low Strength Material	Cu. Yd.	40
Sidewalk Removal (Special)	Sq. Ft.	16
Portland Cement Concrete Sidewalk 4 Inch	Sq. Ft.	16

BILL OF MATERIAL
8 N. BROADWAY

ITEM	UNIT	TOTAL
Masonry Wall Construction	Sq. Ft.	163
Geocomposite Wall Drain (Special)	Sq. Yd.	23
Controlled Low Strength Material	Cu. Yd.	36
Sidewalk Removal (Special)	Sq. Ft.	16
Portland Cement Concrete Sidewalk 4 Inch	Sq. Ft.	16

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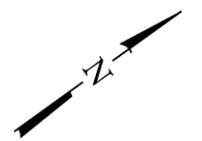
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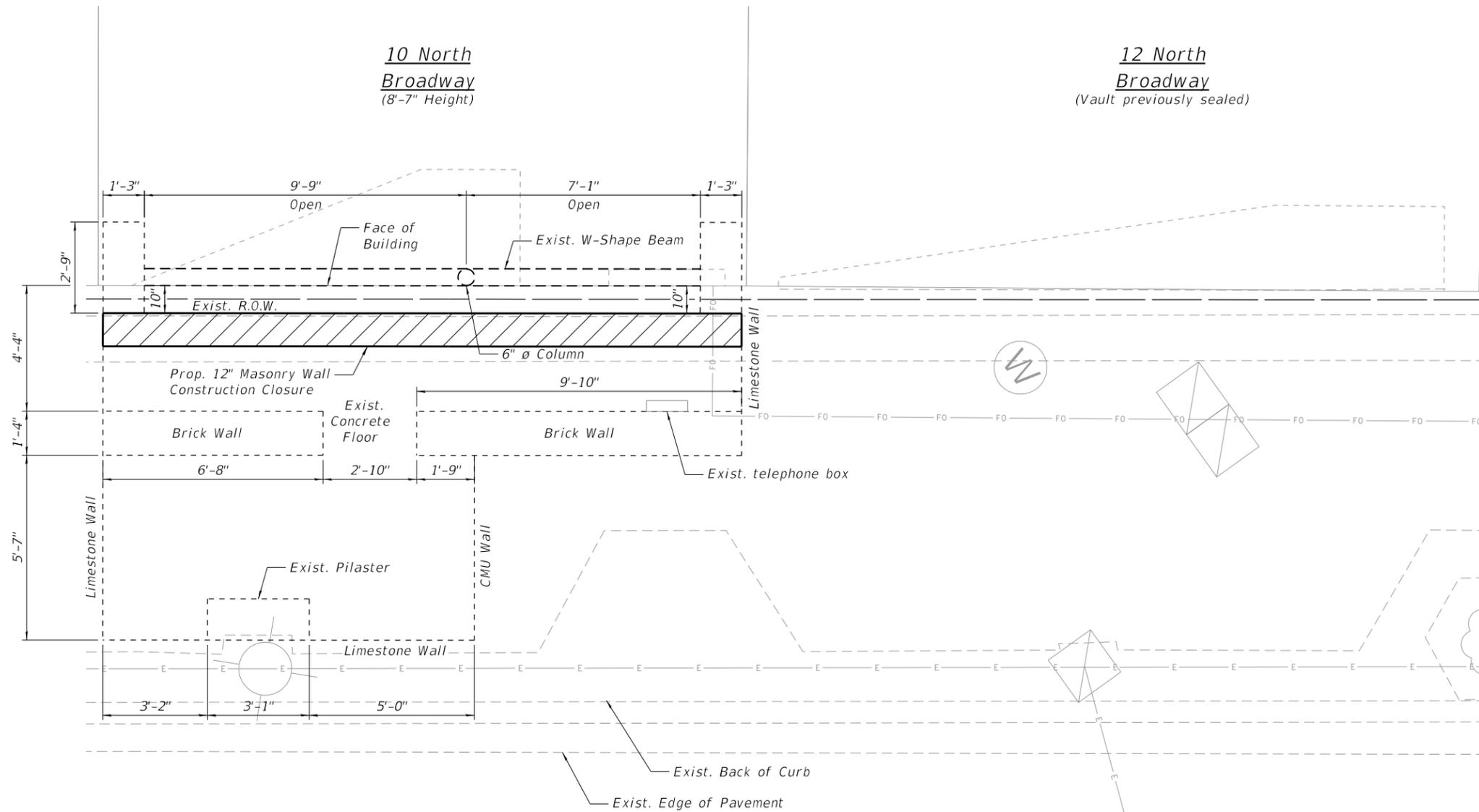
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK VAULTS - 4, & 8 NORTH
BROADWAY AVENUE - AURORA ILLINOIS

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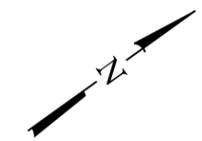
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		KANE	23	16
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				





BILL OF MATERIAL
10 N. BROADWAY

ITEM	UNIT	TOTAL
Masonry Wall Construction	Sq. Ft.	166
Geocomposite Wall Drain (Special)	Sq. Yd.	23
Controlled Low Strength Material	Cu. Yd.	48
Sidewalk Removal (Special)	Sq. Ft.	16
Portland Cement Concrete Sidewalk 4 Inch	Sq. Ft.	16



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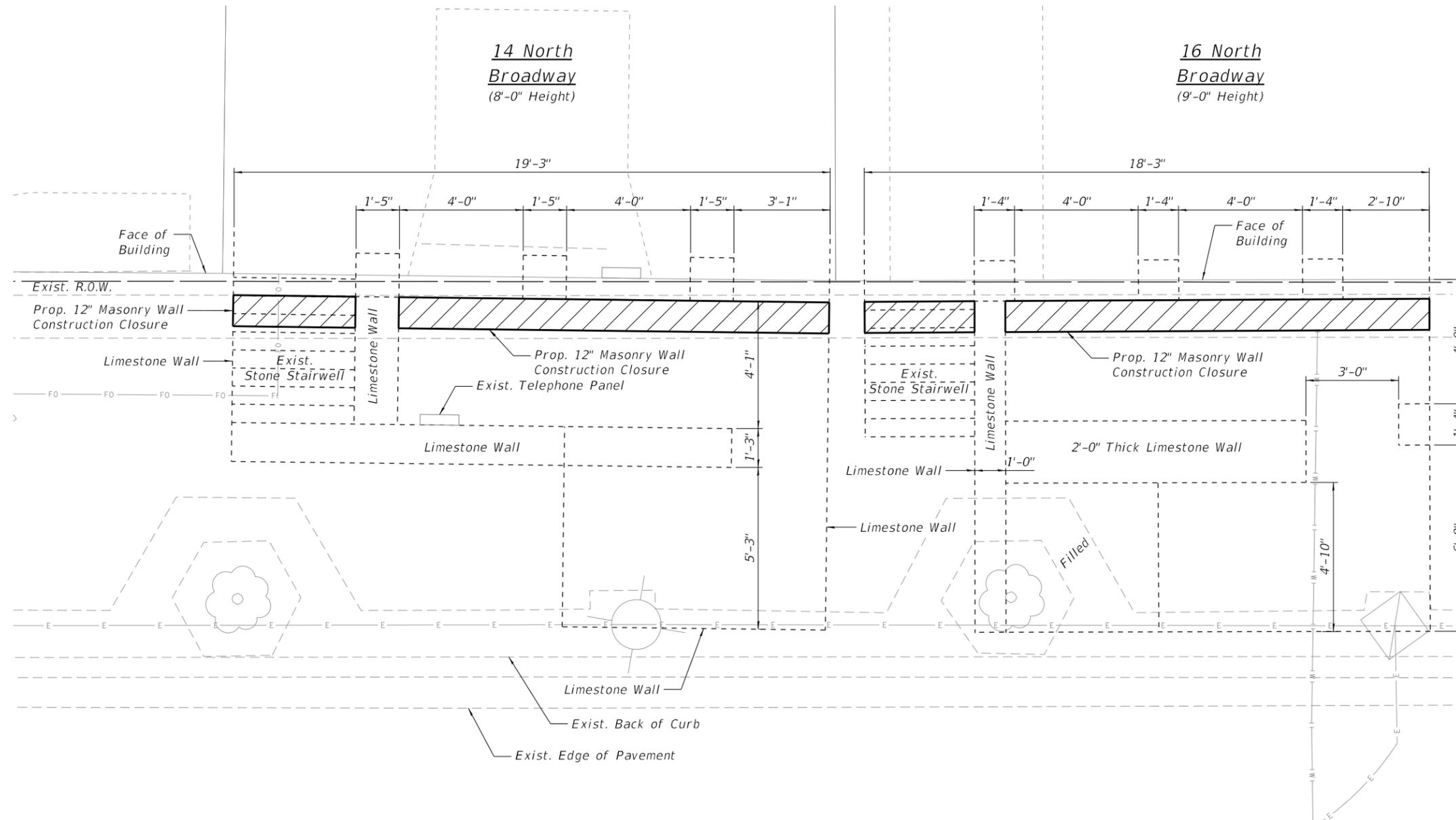
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK VAULT -10 NORTH
BROADWAY AVENUE - AURORA ILLINOIS

SHEET NO. OF SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		KANE	23	17
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

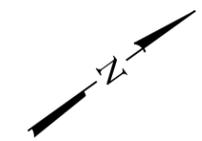


BILL OF MATERIAL
14 N. BROADWAY

ITEM	UNIT	TOTAL
Masonry Wall Construction	Sq. Ft.	143
Geocomposite Wall Drain (Special)	Sq. Yd.	20
Controlled Low Strength Material	Cu. Yd.	32
Sidewalk Removal (Special)	Sq. Ft.	16
Portland Cement Concrete Sidewalk 4 Inch	Sq. Ft.	16

BILL OF MATERIAL
16 N. BROADWAY

ITEM	UNIT	TOTAL
Masonry Wall Construction	Sq. Ft.	156
Geocomposite Wall Drain (Special)	Sq. Yd.	22
Controlled Low Strength Material	Cu. Yd.	35
Sidewalk Removal (Special)	Sq. Ft.	16
Portland Cement Concrete Sidewalk 4 Inch	Sq. Ft.	16



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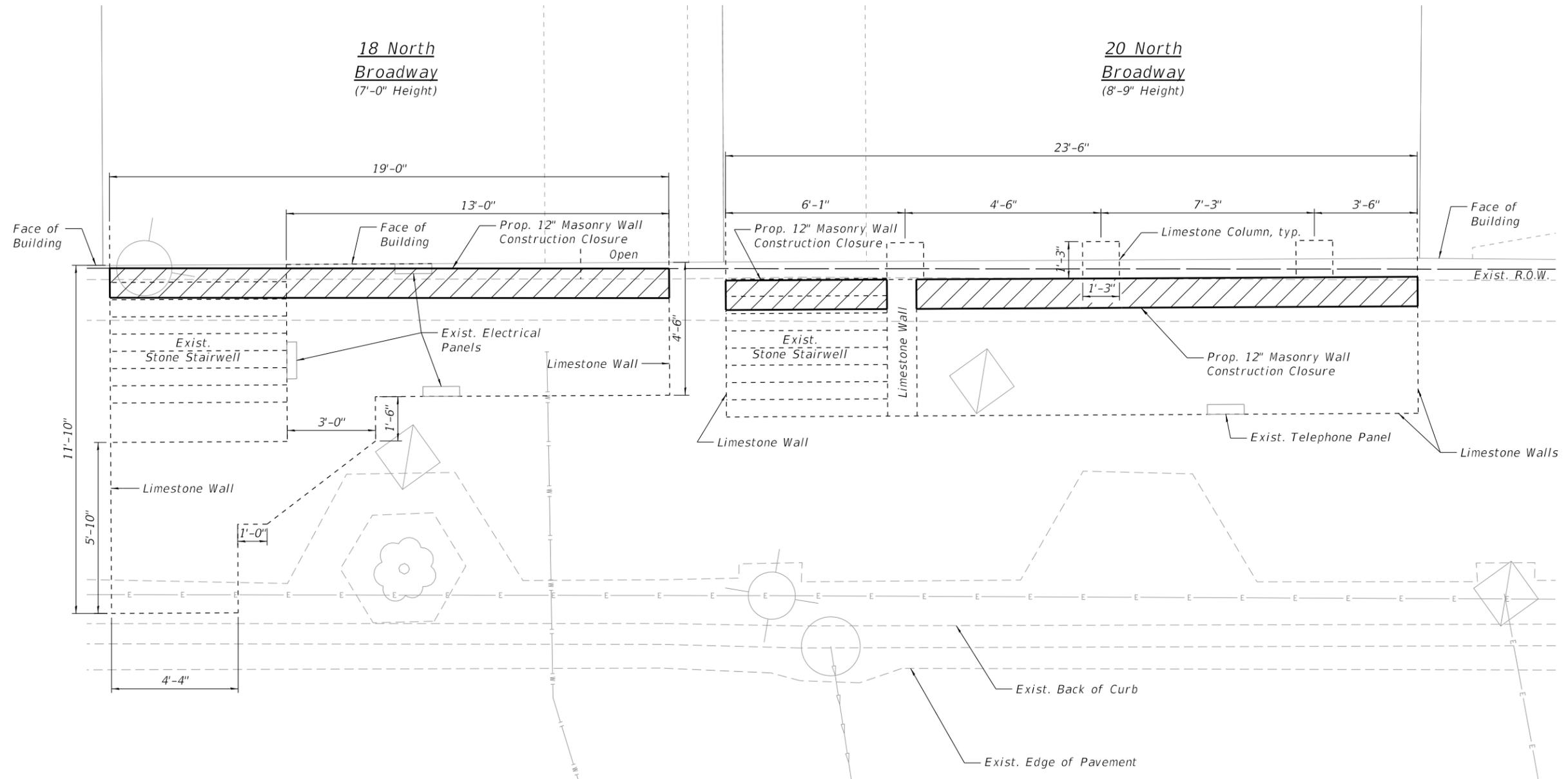
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK VAULTS - 14, & 16 NORTH
BROADWAY AVENUE - AURORA ILLINOIS

SHEET NO. OF SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		KANE	23	18
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



BILL OF MATERIAL
18 N. BROADWAY

ITEM	UNIT	TOTAL
Masonry Wall Construction	Sq. Ft.	133
Geocomposite Wall Drain (Special)	Sq. Yd.	19
Controlled Low Strength Material	Cu. Yd.	26
Sidewalk Removal (Special)	Sq. Ft.	16
Portland Cement Concrete Sidewalk 4 Inch	Sq. Ft.	16

BILL OF MATERIAL
20 N. BROADWAY

ITEM	UNIT	TOTAL
Masonry Wall Construction	Sq. Ft.	197
Geocomposite Wall Drain (Special)	Sq. Yd.	27
Controlled Low Strength Material	Cu. Yd.	30
Sidewalk Removal (Special)	Sq. Ft.	16
Portland Cement Concrete Sidewalk 4 Inch	Sq. Ft.	16

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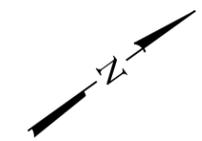
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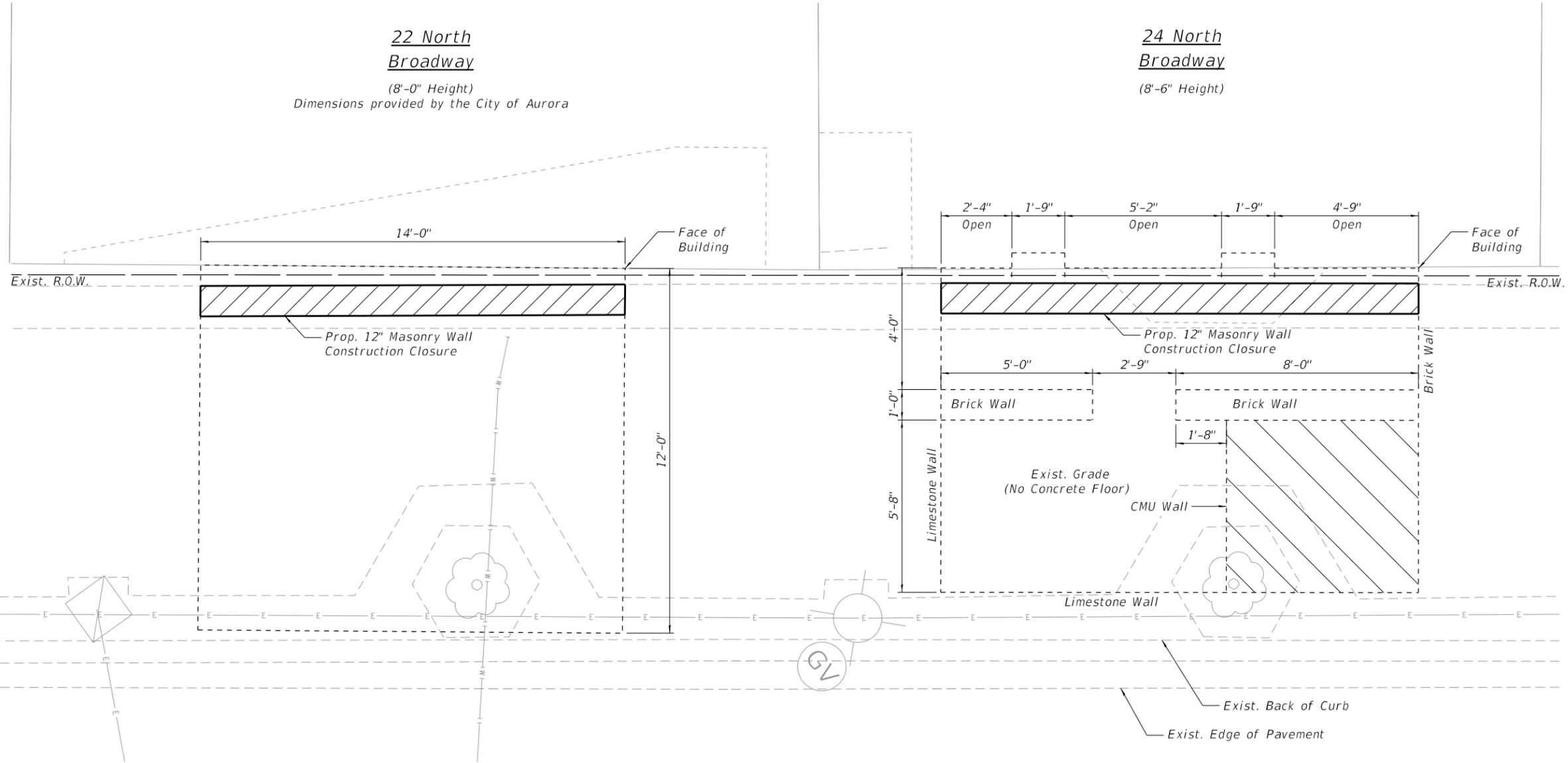
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK VAULTS - 18, & 20 NORTH
BROADWAY AVENUE - AURORA ILLINOIS

SHEET NO. OF SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		KANE	23	19
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				





BILL OF MATERIAL
22 N. BROADWAY

ITEM	UNIT	TOTAL
Masonry Wall Construction	Sq. Ft.	112
Geocomposite Wall Drain (Special)	Sq. Yd.	16
Controlled Low Strength Material	Cu. Yd.	46
Sidewalk Removal (Special)	Sq. Ft.	16
Portland Cement Concrete Sidewalk 4 Inch	Sq. Ft.	16

BILL OF MATERIAL
24 N. BROADWAY

ITEM	UNIT	TOTAL
Masonry Wall Construction	Sq. Ft.	126
Geocomposite Wall Drain (Special)	Sq. Yd.	18
Controlled Low Strength Material	Cu. Yd.	29
Sidewalk Removal (Special)	Sq. Ft.	16
Portland Cement Concrete Sidewalk 4 Inch	Sq. Ft.	16

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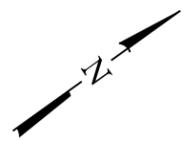
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK VAULTS - 22, & 24 NORTH
BROADWAY AVENUE - AURORA ILLINOIS

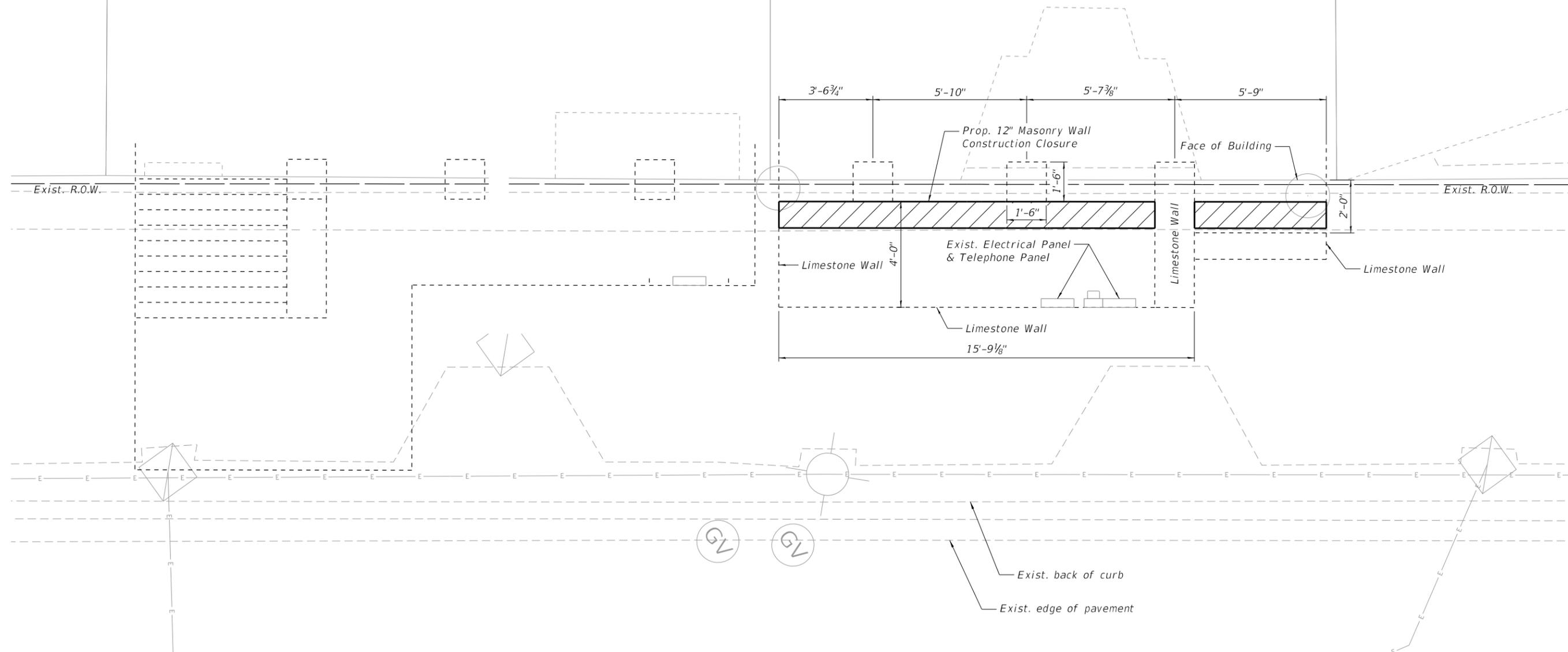
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		KANE	23	20
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



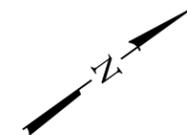
26 North
Broadway
(Vault previously sealed)

28 North
Broadway
(8'-9" Height)



**BILL OF MATERIAL
28 N. BROADWAY**

ITEM	UNIT	TOTAL
Masonry Wall Construction	Sq. Ft.	169
Geocomposite Wall Drain (Special)	Sq. Yd.	24
Controlled Low Strength Material	Cu. Yd.	14
Sidewalk Removal (Special)	Sq. Ft.	16
Portland Cement Concrete Sidewalk 4 Inch	Sq. Ft.	16



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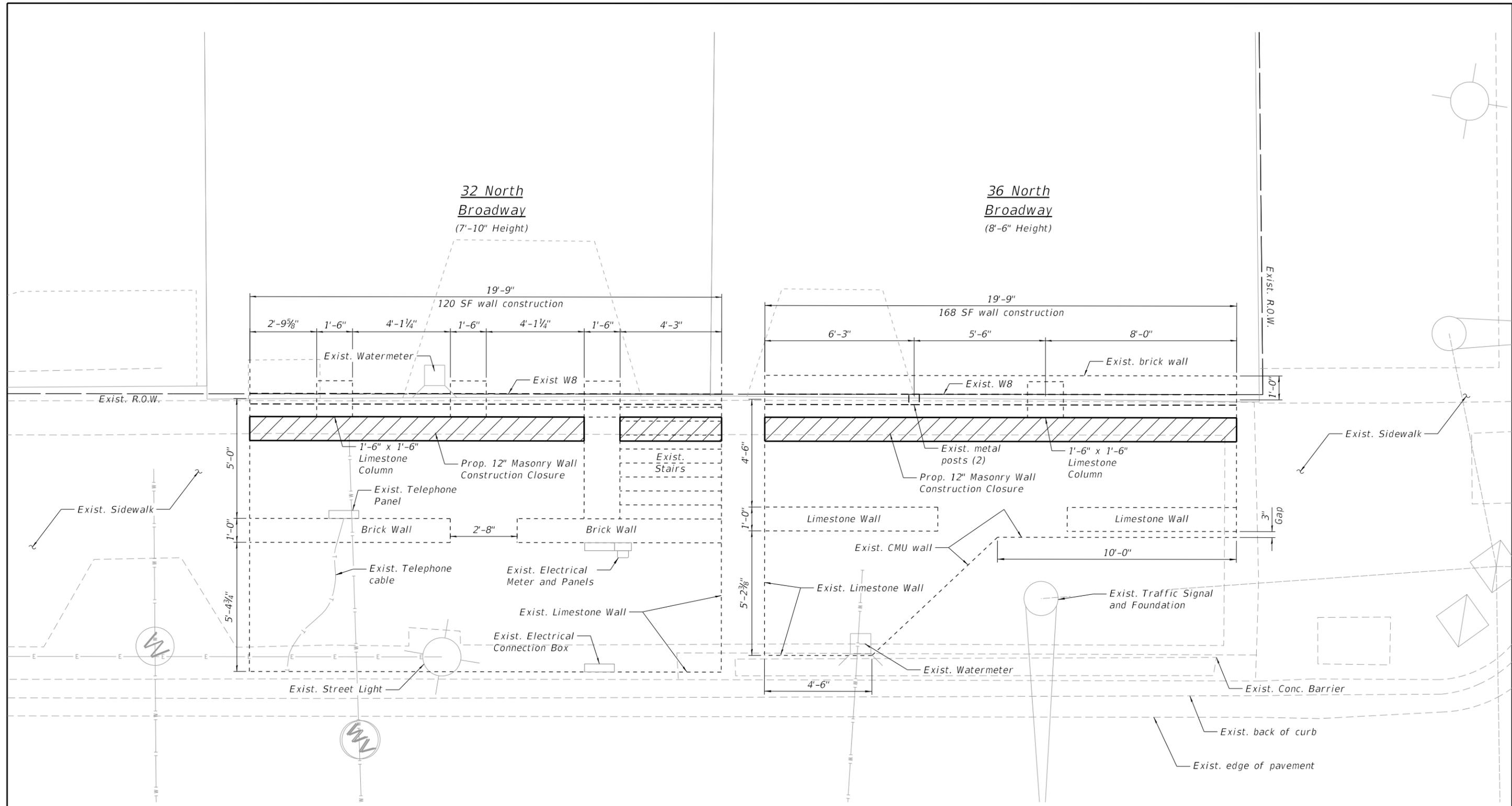
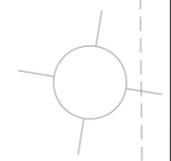
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK VAULT - 28 NORTH
BROADWAY AVENUE - AURORA ILLINOIS**

SHEET NO. OF SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		KANE	23	21
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



BILL OF MATERIAL
32 N. BROADWAY

ITEM	UNIT	TOTAL
Masonry Wall Construction	Sq. Ft.	155
Geocomposite Wall Drain (Special)	Sq. Yd.	22
Controlled Low Strength Material	Cu. Yd.	50
Sidewalk Removal (Special)	Sq. Ft.	16
Portland Cement Concrete Sidewalk 4 Inch	Sq. Ft.	16

BILL OF MATERIAL
36 N. BROADWAY

ITEM	UNIT	TOTAL
Masonry Wall Construction	Sq. Ft.	168
Geocomposite Wall Drain (Special)	Sq. Yd.	24
Controlled Low Strength Material	Cu. Yd.	32
Sidewalk Removal (Special)	Sq. Ft.	16
Portland Cement Concrete Sidewalk 4 Inch	Sq. Ft.	16

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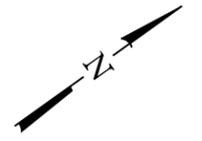
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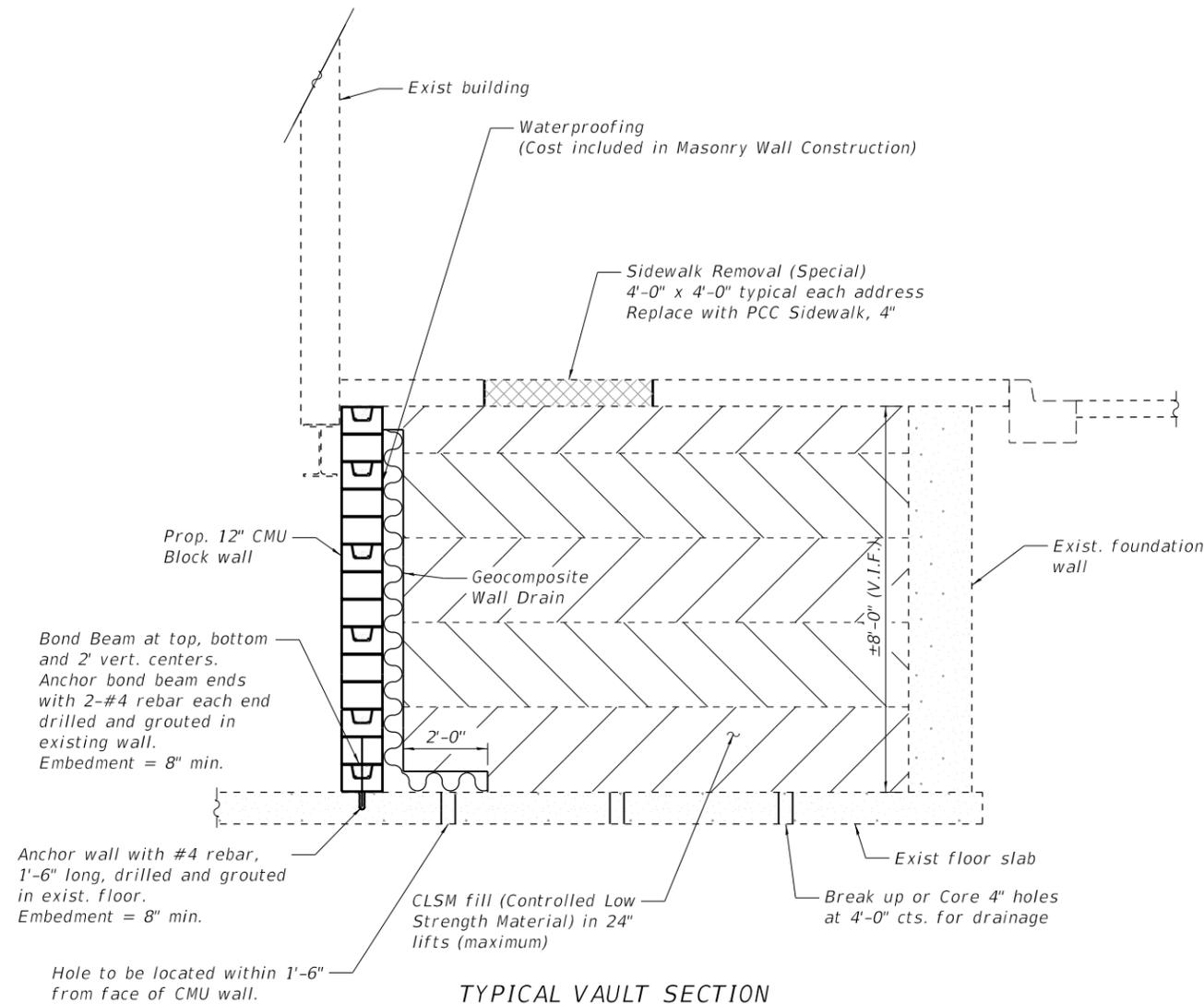
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK VAULTS - 32 & 36 NORTH
BROADWAY AVENUE - AURORA ILLINOIS

SHEET NO. OF SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		KANE	23	22
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

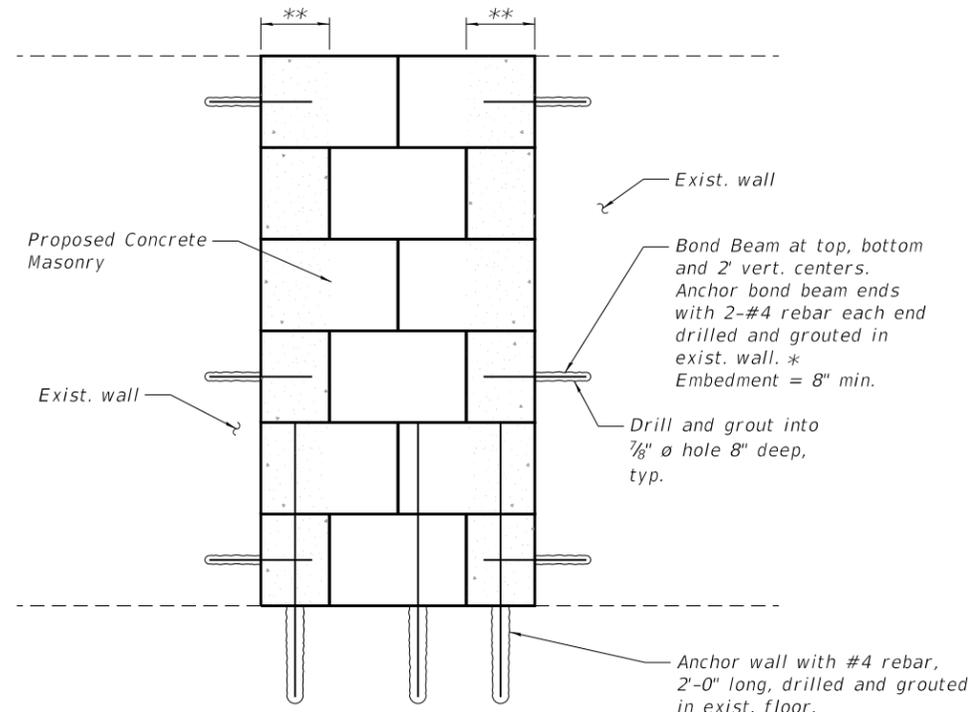




TYPICAL VAULT SECTION

Note: Remove all debris from vault prior to filling. Cost of debris removal included in unit price of Controlled Low Strength Material (CLSM)

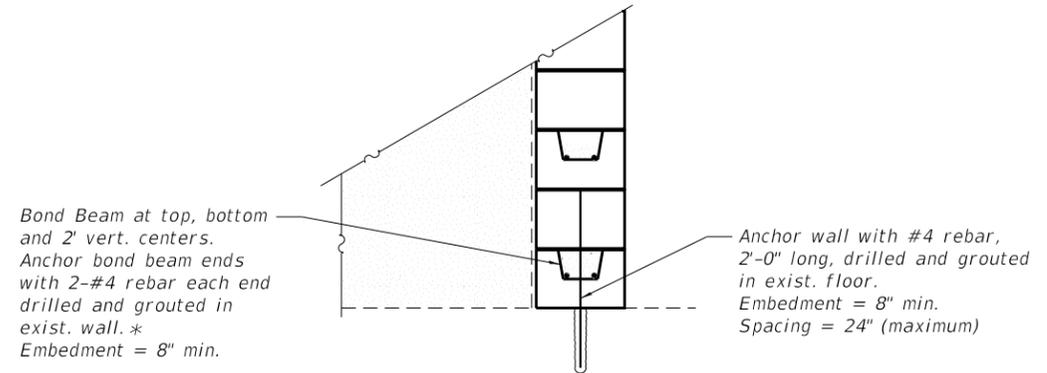
- See Special Provisions for:
- Sidewalk Removal (Special)
 - Masonry Wall Construction (12")
 - Geocomposite Wall Drain (Special)
 - Controlled Low Strength Material



MASONRY CLOSURE DETAIL

** Grout cores solid 8"-12" from existing wall.

Also provide Bond Beams (See Detail) for openings more than 4'-0" wide.



TYPICAL WALL/BOND BEAM DETAIL

* Cost of reinforcement bars and grout included in unit price of Masonry Wall Construction (12")

HRC PROJECT NO.: 8866255
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	CHECKED - RAT	REVISED -
PLOT SCALE =	DRAWN - WJH	REVISED -
PLOT DATE = 9/26/2023	CHECKED - AEU	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
BROADWAY AVENUE - AURORA ILLINOIS

SHEET NO. OF SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		KANE	23	23
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				