



**CITY OF CHICAGO**  
**ECONOMIC DISCLOSURE STATEMENT and AFFIDAVIT**  
**Related to Contract/Amendment/Solicitation**  
**EDS # 126841**

**SECTION I -- GENERAL INFORMATION**

A. Legal name of the Disclosing Party submitting the EDS:

MAT Construction Leasing, Inc.

Enter d/b/a if applicable:

The Disclosing Party submitting this EDS is:

the Applicant

B. Business address of the Disclosing Party:

4450 S Morgan Street  
Chicago, IL 60609  
United States

C. Telephone:

773-254-5435

Fax:

1-773-254-7195

D. Name of contact person:

Mr. Craig Ronald Ockerlund

F. Brief description of contract, transaction or other undertaking (referred to below as the "Matter") to which this EDS pertains:

Arterial Street Resurfacing: North Area 79



Which City agency or department is requesting this EDS?

DEPT OF PROCUREMENT SERVICES

Specification Number

565229

Contract (PO) Number

78020

Revision Number

Release Number

User Department Project Number

## **SECTION II -- DISCLOSURE OF OWNERSHIP INTERESTS**

### **A. NATURE OF THE DISCLOSING PARTY**

1. Indicate the nature of the Disclosing Party:

Privately held business corporation

Is the Disclosing Party incorporated or organized in the State of Illinois?

Yes

### **B. DISCLOSING PARTY IS A LEGAL ENTITY:**

1.a.1 Does the Disclosing Party have any directors?

No

1.a.3 List below the full names and titles of all executive officers and all directors, if any, of the entity. Do not include any directors who have no power to select the entity's officers.

**Officer/Director:** Mr. Michael Tadin Jr

**Title:** President

**Role:** Officer

-----



**Officer/Director:** Mr. Craig Ronald Ockerlund  
**Title:** Vice President  
**Role:** Officer  
-----

## 2. Ownership Information

Please provide ownership information concerning each person or entity that holds, or is anticipated to hold (see next paragraph), a direct or indirect beneficial interest in excess of 7.5% of the Applicant. Examples of such an interest include shares in a corporation, partnership interest in a partnership or joint venture, interest of a member or manager in a limited liability company, or interest of a beneficiary of a trust, estate, or other similar entity. Note: Each legal entity below may be required to submit an EDS on its own behalf.

Please disclose present owners below. Please disclose anticipated owners in an attachment submitted through the "Additional Info" tab. "Anticipated owner" means an individual or entity in existence at the time application for City action is made, which is not an applicant or owner at such time, but which the applicant expects to assume a legal status, within six months of the time the City action occurs, that would render such individual or entity an applicant or owner if they had held such legal status at the time application was made.

- Mr. Michael Tadin Jr - 100.0%

### Owner Details

Name	Business Address
Mr. Michael Tadin Jr	4450 S Morgan Street Chicago, IL 60609 United States

## SECTION III -- INCOME OR COMPENSATION TO, OR OWNERSHIP BY, CITY ELECTED OFFICIALS

A. Has the Disclosing Party provided any income or compensation to any City elected official during the 12-month period preceding the date of this EDS?

No

B. Does the Disclosing Party reasonably expect to provide any income or compensation to any City elected official during the 12-month period following the date of this EDS?

No



D. Does any City elected official or, to the best of the Disclosing Party's knowledge after reasonable inquiry, any City elected official's spouse or domestic partner, have a financial interest (as defined in [Chapter 2-156 of the Municipal Code](#) ("MCC")) in the Disclosing Party?

No

## SECTION IV -- DISCLOSURE OF SUBCONTRACTORS AND OTHER RETAINED PARTIES

The Disclosing Party must disclose the name and business address of each subcontractor, attorney, lobbyist (as defined in [MCC Chapter 2-156](#)), accountant, consultant and any other person or entity whom the Disclosing Party has retained or expects to retain in connection with the Matter, as well as the nature of the relationship, and the total amount of the fees paid or estimated to be paid. The Disclosing Party is not required to disclose employees who are paid solely through the Disclosing Party's regular payroll.

If the Disclosing Party is uncertain whether a disclosure is required under this Section, the Disclosing Party must either ask the City whether disclosure is required or make the disclosure.

1. Has the Disclosing Party retained or does it anticipate retaining any legal entities in connection with the Matter?

Yes

2. List below the names of all legal entities which are retained parties.

<b>Name:</b>	Rula's Enterprises Company
<b>Anticipated/Retained:</b>	Anticipated
<b>Business Address:</b>	1030 South La Grange Road Office #4 La Grange, IL., IL 60525 United States
<b>Relationship:</b>	Subcontractor - MWDBE
<b>Fees (\$\$ or %):</b>	2,098,431.13
<b>Estimated/Paid:</b>	Estimated

-----

3. Has the Disclosing Party retained or does it anticipate retaining any persons in connection with the Matter?

No



## SECTION V -- CERTIFICATIONS

### A. COURT-ORDERED CHILD SUPPORT COMPLIANCE

Under [MCC Section 2-92-415](#), substantial owners of business entities that contract with the City must remain in compliance with their child support obligations throughout the contract's term.

Has any person who directly or indirectly owns 10% or more of the Disclosing Party been declared in arrearage of any child support obligations by any Illinois court of competent jurisdiction?

No

### B. FURTHER CERTIFICATIONS

1. [This certification applies only if the Matter is a contract being handled by the City's Department of Procurement Services.] In the 5-year period preceding the date of this EDS, neither the Disclosing Party nor any [Affiliated Entity](#) has engaged, in connection with the performance of any public contract, the services of an integrity monitor, independent private sector inspector general, or integrity compliance consultant (i.e. an individual or entity with legal, auditing, investigative, or other similar skills, designated by a public agency to help the agency monitor the activity of specified agency vendors as well as help the vendors reform their business practices so they can be considered for agency contracts in the future, or continue with a contract in progress).

I certify the above to be true

2. The Disclosing Party and its Affiliated Entities are not delinquent in the payment of any fine, fee, tax or other source of indebtedness owed to the City of Chicago, including, but not limited to, water and sewer charges, license fees, parking tickets, property taxes and sales taxes, nor is the Disclosing Party delinquent in the payment of any tax administered by the Illinois Department of Revenue.

I certify the above to be true

3. The Disclosing Party and, if the Disclosing Party is a legal entity, all of those persons or entities identified in Section II(B)(1) of this EDS:

- a. are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from any transactions by any federal, state or local unit of government;
- b. have not, during the 5 years before the date of this EDS, been convicted of a criminal offense, adjudged guilty, or had a civil judgment rendered against them in connection with: obtaining, attempting to obtain, or performing a public (federal, state or local) transaction or contract under a public transaction; a violation of



federal or state antitrust statutes; fraud; embezzlement; theft; forgery; bribery; falsification or destruction of records; making false statements; or receiving stolen property;

- c. are not presently indicted for, or criminally or civilly charged by, a governmental entity (federal, state or local) with committing any of the offenses set forth in subparagraph (b) above;
- d. have not, during the 5 years before the date of this EDS, had one or more public transactions (federal, state or local) terminated for cause or default; and
- e. have not, during the 5 years before the date of this EDS, been convicted, adjudged guilty, or found liable in a civil proceeding, or in any criminal or civil action, including actions concerning environmental violations, instituted by the City or by the federal government, any state, or any other unit of local government.

I certify the above to be true

4. The Disclosing Party understands and shall comply with the applicable requirements of MCC [Chapter 2-56 \(Inspector General\)](#) and [Chapter 2-156 \(Governmental Ethics\)](#).

I certify the above to be true

5. Neither the Disclosing Party, nor any [Contractor](#), nor any [Affiliated Entity](#) of either the Disclosing Party or any [Contractor](#), nor any [Agents](#) have, during the 5 years before the date of this EDS, or, with respect to a [Contractor](#), an [Affiliated Entity](#), or an [Affiliated Entity](#) of a [Contractor](#) during the 5 years before the date of such [Contractor's](#) or [Affiliated Entity's](#) contract or engagement in connection with the Matter:

- a. bribed or attempted to bribe, or been convicted or adjudged guilty of bribery or attempting to bribe, a public officer or employee of the City, the State of Illinois, or any agency of the federal government or of any state or local government in the United States of America, in that officer's or employee's official capacity;
- b. agreed or colluded with other bidders or prospective bidders, or been a party to any such agreement, or been convicted or adjudged guilty of agreement or collusion among bidders or prospective bidders, in restraint of freedom of competition by agreement to bid a fixed price or otherwise; or
- c. made an admission of such conduct described in subparagraph (a) or (b) above that is a matter of record, but have not been prosecuted for such conduct; or
- d. violated the provisions referenced in [MCC Subsection 2-92-320\(a\)\(4\)\(Contracts Requiring a Base Wage\)](#); [\(a\)\(5\)\(Debarment Regulations\)](#); or [\(a\)\(6\)\(Minimum Wage Ordinance\)](#).

I certify the above to be true

6. Neither the Disclosing Party, nor any [Affiliated Entity](#) or [Contractor](#), or any of their employees, officials, [agents](#) or partners, is barred from contracting with any unit of state or local government as a result of engaging in or being convicted of



- bid-rigging in violation of [720 ILCS 5/33E-3](#);
- bid-rotating in violation of [720 ILCS 5/33E-4](#); or
- any similar offense of any state or of the United States of America that contains the same elements as the offense of bid-rigging or bid-rotating.

I certify the above to be true

7. Neither the Disclosing Party nor any [Affiliated Entity](#) is listed on a Sanctions List maintained by the United States Department of Commerce, State, or Treasury, or any successor federal agency.

I certify the above to be true

8. [FOR APPLICANT ONLY]

- Neither the Applicant nor any "controlling person" [see [MCC Chapter 1-23, Article I](#) for applicability and defined terms] of the Applicant is currently indicted or charged with, or has admitted guilt of, or has ever been convicted of, or placed under supervision for, any criminal offense involving actual, attempted, or conspiracy to commit bribery, theft, fraud, forgery, perjury, dishonesty or deceit against an officer or employee of the City or any "sister agency" ; and
- the Applicant understands and acknowledges that compliance with Article I is a continuing requirement for doing business with the City.

NOTE: If [MCC Chapter 1-23, Article I](#) applies to the Applicant, that Article's permanent compliance timeframe supersedes 5-year compliance timeframes in this Section V.

I certify the above to be true

9. [FOR APPLICANT ONLY] The Applicant and its Affiliated Entities will not use, nor permit their subcontractors to use, any facility listed as having an active exclusion by the U.S. EPA on the [federal System for Award Management](#) ("SAM")

I certify the above to be true

10. [FOR APPLICANT ONLY] The Applicant will obtain from any contractors/ subcontractors hired or to be hired in connection with the Matter certifications equal in form and substance to those in Certifications (2) and (9) above and will not, without the prior written consent of the City, use any such contractor/subcontractor that does not provide such certifications or that the Applicant has reason to believe has not provided or cannot provide truthful certifications.

I certify the above to be true

11. To the best of the Disclosing Party's knowledge after reasonable inquiry, the following is a complete list of all current employees of the Disclosing Party who were, at



any time during the 12-month period preceding the date of this EDS, an employee, or elected or appointed official, of the City of Chicago.

None

12. To the best of the Disclosing Party's knowledge after reasonable inquiry, the following is a complete list of all gifts that the Disclosing Party has given or caused to be given, at any time during the 12-month period preceding the execution date of this EDS, to an employee, or elected or appointed official, of the City of Chicago. For purposes of this statement, a "gift" does not include: (i) anything made generally available to City employees or to the general public, or (ii) food or drink provided in the course of official City business and having a retail value of less than \$25 per recipient, or (iii) a political contribution otherwise duly reported as required by law.

None

#### C. CERTIFICATION OF STATUS AS FINANCIAL INSTITUTION

The Disclosing Party certifies, as defined in [MCC Section 2-32-455\(b\)](#), the Disclosing Party

is not a "financial institution"

#### D. CERTIFICATION REGARDING FINANCIAL INTEREST IN CITY BUSINESS

Any words or terms defined in [MCC Chapter 2-156](#) have the same meanings if used in this Part D.

1. In accordance with [MCC Section 2-156-110](#): To the best of the Disclosing Party's knowledge after reasonable inquiry, does any official or employee of the City have a financial interest in his or her own name or in the name of any other person or entity in the Matter?

No

#### E. CERTIFICATION REGARDING SLAVERY ERA BUSINESS

If the Disclosing Party cannot make this verification, the Disclosing Party must disclose all required information in the space provided below or in an attachment in the "Additional Info" tab. Failure to comply with these disclosure requirements may make any contract entered into with the City in connection with the Matter voidable by the City.

The Disclosing Party verifies that the Disclosing Party has searched any and all records of the Disclosing Party and any and all predecessor entities regarding records of investments or profits from slavery or slaveholder insurance policies during the slavery era (including insurance policies issued to slaveholders that provided coverage for



damage to or injury or death of their slaves), and the Disclosing Party has found no such records.

I can make the above verification

## **SECTION VI -- CERTIFICATIONS FOR FEDERALLY FUNDED MATTERS**

Is the Matter federally funded? For the purposes of this Section VI, tax credits allocated by the City and proceeds of debt obligations of the City are not federal funding.

No

## **SECTION VII - FURTHER ACKNOWLEDGMENTS AND CERTIFICATION**

The Disclosing Party understands and agrees that:

- A. The certifications, disclosures, and acknowledgments contained in this EDS will become part of any contract or other agreement between the Applicant and the City in connection with the Matter, whether procurement, City assistance, or other City action, and are material inducements to the City's execution of any contract or taking other action with respect to the Matter. The Disclosing Party understands that it must comply with all statutes, ordinances, and regulations on which this EDS is based.
- B. The City's Governmental Ethics Ordinance, [MCC Chapter 2-156](#), imposes certain duties and obligations on persons or entities seeking City contracts, work, business, or transactions. The full text of this ordinance and a training program is available on line at [www.cityofchicago.org/Ethics](http://www.cityofchicago.org/Ethics), and may also be obtained from the City's Board of Ethics, 740 N. Sedgwick St., Suite 500, Chicago, IL 60610, (312) 744-9660. The Disclosing Party must comply fully with this ordinance.

I acknowledge and consent to the above

The Disclosing Party understands and agrees that:

- C. If the City determines that any information provided in this EDS is false, incomplete or inaccurate, any contract or other agreement in connection with which it is submitted may be rescinded or be void or voidable, and the City may pursue any remedies under the contract or agreement (if not rescinded or void), at law, or in equity, including terminating the Disclosing Party's participation in the Matter and/or declining to allow the Disclosing Party to participate in other City transactions. Remedies at law for a false statement of material fact may include incarceration and an award to the City of treble damages.



- D. It is the City's policy to make this document available to the public on its Internet site and/or upon request. Some or all of the information provided in, and appended to, this EDS may be made publicly available on the Internet, in response to a Freedom of Information Act request, or otherwise. By completing and signing this EDS, the Disclosing Party waives and releases any possible rights or claims which it may have against the City in connection with the public release of information contained in this EDS and also authorizes the City to verify the accuracy of any information submitted in this EDS.
- E. The information provided in this EDS must be kept current. In the event of changes, the Disclosing Party must supplement this EDS up to the time the City takes action on the Matter. If the Matter is a contract being handled by the City's Department of Procurement Services, the Disclosing Party must update this EDS as the contract requires. NOTE: With respect to Matters subject to MCC Article I of [Chapter 1-23](#) (imposing PERMANENT INELIGIBILITY for certain specified offenses), the information provided herein regarding eligibility must be kept current for a longer period, as required by [MCC Chapter 1-23](#) and [Section 2-154-020](#).

I acknowledge and consent to the above

## **APPENDIX A - FAMILIAL RELATIONSHIPS WITH ELECTED CITY OFFICIALS AND DEPARTMENT HEADS**

This Appendix is to be completed only by (a) the Applicant, and (b) any legal entity which has a direct ownership interest in the Applicant exceeding 7.5%. It is not to be completed by any legal entity which has only an indirect ownership interest in the Applicant.

Under [MCC Section 2-154-015](#), the Disclosing Party must disclose whether such Disclosing Party or any "Applicable Party" or any Spouse or Domestic Partner thereof currently has a "familial relationship" with any elected city official or department head. A "familial relationship" exists if, as of the date this EDS is signed, the Disclosing Party or any "Applicable Party" or any Spouse or Domestic Partner thereof is related to the mayor, any alderman, the city clerk, the city treasurer or any city department head as spouse or domestic partner or as any of the following, whether by blood or adoption: parent, child, brother or sister, aunt or uncle, niece or nephew, grandparent, grandchild, father-in-law, mother-in-law, son-in-law, daughter-in-law, stepfather or stepmother, stepson or stepdaughter, stepbrother or stepsister or half-brother or half-sister.

"Applicable Party" means (1) all corporate officers of the Disclosing Party, if the Disclosing Party is a corporation; all partners of the Disclosing Party, if the Disclosing Party is a general partnership; all general partners and limited partners of the Disclosing Party, if the Disclosing Party is a limited partnership; all managers, managing members and members of the Disclosing Party, if the Disclosing Party is a limited liability company; (2) all principal officers of the Disclosing Party; and (3) any person having



more than a 7.5% ownership interest in the Disclosing Party. "Principal officers" means the president, chief operating officer, executive director, chief financial officer, treasurer or secretary of a legal entity or any person exercising similar authority.

Does the Disclosing Party or any "Applicable Party" or any Spouse or Domestic Partner thereof currently have a "familial relationship" with an elected city official or department head?

No

## **APPENDIX B - BUILDING CODE SCOFFLAW/PROBLEM LANDLORD CERTIFICATION**

This Appendix is to be completed only by (a) the Applicant, and (b) any legal entity which has a direct ownership interest in the Applicant exceeding 7.5% (an "Owner"). It is not to be completed by any legal entity which has only an indirect ownership interest in the Applicant.

Pursuant to [MCC Section 2-154-010](#), is the Applicant or any Owner identified as a building code scofflaw or problem landlord pursuant to [MCC Section 2-92-416??](#)

No

## **ADDITIONAL INFO**

Please add any additional explanatory information here. If explanation is longer than 1000 characters, you may add an attachment below. Please note that your EDS, including all attachments, becomes available for public viewing upon contract award. Your attachments will be viewable "as is" without manual redaction by the City. You are responsible for redacting any non-public information from your documents before uploading.

NORTH Area

List of vendor attachments uploaded by City staff

None.

List of attachments uploaded by vendor

Arterial Resurfacing Project No. 79 (Specification 565229

## **CERTIFICATION**

Under penalty of perjury, the person signing below: (1) warrants that he/she is authorized to execute this EDS, and all applicable appendices, on behalf of the



Disclosing Party, and (2) warrants that all certifications and statements contained in this EDS, and all applicable appendices, are true, accurate and complete as of the date furnished to the City. Submission of this form constitutes making the oath associated with notarization.

/s/ 06/15/2018

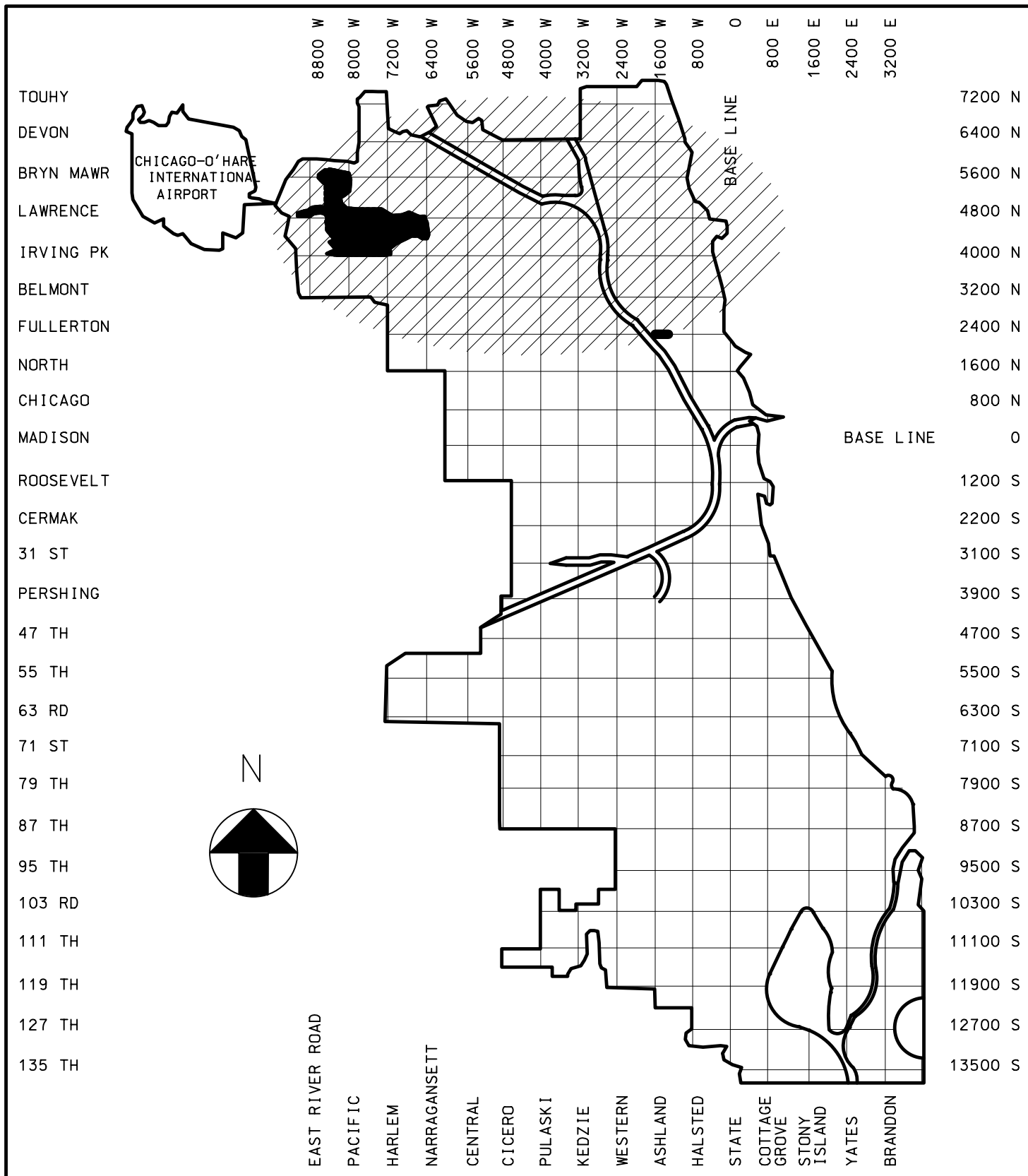
Mr. Craig Ronald Ockerlund

Vice President

MAT Construction Leasing, Inc.

This is a printed copy of the Economic Disclosure Statement, the original of which is filed electronically with the City of Chicago. Any alterations must be made electronically, alterations on this printed copy are void and of no effect.





PROJECT LENGTH = 8.70 MILES

STATE OF ILLINOIS  
CITY OF CHICAGO

RAHM EMANUEL, MAYOR

DEPARTMENT OF TRANSPORTATION

REBEKAH SCHEINFELD, COMMISSIONER

DIVISION OF ENGINEERING

DANIEL BURKE, P.E., S.E., DEPUTY COMMISSIONER

CONTRACT PLANS  
FOR

ARTERIAL STREET RESURFACING  
PROJECT 79 - NORTH AREA



THESE PLANS COMPLY WITH THE  
CURRENT POLICY OF THE CITY OF  
CHICAGO TO FACILITATE THE MOBILITY  
OF PEOPLE WITH DISABILITIES

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION

DATE: \_\_\_\_\_

APPROVED: \_\_\_\_\_  
PROJECT MANAGER

APPROVED: \_\_\_\_\_  
ASSISTANT CHIEF HIGHWAY ENGINEER  
DIVISION OF ENGINEERING

APPROVED: \_\_\_\_\_  
DEPUTY COMMISSIONER  
DIVISION OF ENGINEERING

APPROVED: \_\_\_\_\_  
COMMISSIONER

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PASSED: \_\_\_\_\_ 20\_\_

DISTRICT ENGINEER, LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON  
LIMITED REVIEW \_\_\_\_\_ 20\_\_

REGIONAL ENGINEER

C.D.O.T. PROJECT NO.: B-4-152  
SECTION NO.: 14-B4152-00-RS  
STATE JOB NO.: C-88-018-17  
FED. JOB NO.: YC56 (433)

LOCATIONS

1. W. ADDISON STREET - N. KEELER AVE. TO N. AVONDALE AVE.
2. N. AVONDALE AVENUE / W. GREGORY STREET. - N. HARLEM AVE. TO N. MOODY AVE.
3. N. AVONDALE AVENUE - W. ADDISON ST. TO I-90/I-94 ENTRANCE RAMP (3532 N.)
4. N. EAST RIVER ROAD - W. HIGGINS AVE. TO W. BRYN MAWR AVE.
5. N. ELSTON AVENUE - N. MELVINA AVE. TO W. FOSTER AVE.
6. N. KEDZIE AVENUE - W. PALMER ST. TO W. NORTH AVE.
7. N. KOSTNER AVENUE - W. DIVERSEY AVE. TO W. FULLERTON AVE.
8. N. OAK PARK AVENUE - W. ARMITAGE AVE. TO W. NORTH AVE.
9. N. RIDGE BOULEVARD / N. RAVENSWOOD AVENUE - W. NORWOOD ST. TO W. DEVON AVE.
10. N. SACRAMENTO AVENUE - W. PALMER ST. TO N. MILWAUKEE AVE.
11. W. WILSON AVENUE - N. DAMEN AVE. TO N. LAKE SHORE DR.

THIS CERTIFIED THAT THESE DRAWING HAVE BEEN  
REVIEWED TO THE BEST OF MY KNOWLEDGE AND  
THAT I BELIEVE THEY ARE IN ACCORDANCE WITH  
THE AMERICANS WITH DISABILITIES ACT (ADA), AND  
ALL CODES AND BUILDING ORDINANCES OF THE CITY  
OF CHICAGO, STATE OF ILLINOIS.

\_\_\_\_\_  
LICENSED ARCHITECT/LANDSCAPE ARCHITECT/  
LICENSED ENGINEER

ISSUED BY: DEPARTMENT OF PROCUREMENT SERVICES  
JAMIE L. RHEE, CHIEF PROCUREMENT OFFICER

PRIOR TO CONSTRUCTION, THE CONTRACTOR  
SHALL TELEPHONE D.I.G.G.E.R. AT 312-744-7000  
FOR UNDERGROUND UTILITY LOCATIONS



HIGHWAY STANDARDS

INDEX OF SHEETS

SHEET NUMBER	SHEET TITLE
1	COVER
2	INDEX
3	NOTES
4-6	SUMMARY OF QUANTITIES
7	TYPICAL SECTIONS
8-56	PAVEMENT MARKING PLANS
57-61	LOOP DETECTOR PLANS
62-76	ADA RAMP QUANTITIES
77-80	SPECIAL DETAILS
81-85	ADA RAMP DETAILS
86-132	STANDARD DETAILS

IDOT STANDARD NO.	TITLE OR DESCRIPTION
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-08	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-09	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER, OR CROSSWALK CLOSURE
701901-07	TRAFFIC CONTROL DEVICES
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKINGS
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS > 40 MPH
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
630001-12	STEEL PLATE BEAM GUARDRAIL
631011-10	TRAFFIC BARRIER TERMINAL TYPE 2
725001-01	OBJECT AND TERMINAL MARKERS
BLR 23-4	TRAFFIC BARRIER TERMINAL TYPE 1
IDOT DISTRICT 1 NO.	TITLE OR DESCRIPTION
BD400-05 BD32	BUTT JOINT AND HMA TAPER DETAILS
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-11	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
TC-14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC-22	ARTERIAL ROAD INFORMATION SIGN
TC-24	CITY OF CHICAGO TYPICAL PAVEMENT MARKINGS

PROJECT: ARTERIAL STREET RESURFACING PROJECT NO. 79 - NORTH AREA  
CDOT PROJECT NO.: B-4-152

HOT-MIX ASPHALT - Mix Selection Table

3P RESURFACING PROJECTS		
HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE	AIR VOIDS @ Ndes	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm), 1-1/2"	4% @ 70 Gyr.	QC/QA
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 1-1/2"	4% @ 50 Gyr.	QC/QA
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"	3.5% @ 50 Gyr.	QC/QA
LEVELING BINDER (HAND METHOD), N70, (IL 9.5 mm), Thickness Varies	4% @ 70 Gyr.	QC/QA
LEVELING BINDER (HAND METHOD), N50, (IL 9.5 mm), Thickness Varies	4% @ 50 Gyr.	QC/QA
CLASS "D" PATCHES (HMA BINDER IL-19 mm), 9"	4% @ 70 Gyr.	QC/QA
QMP Options: Quality Control/Quality Assurance (QC/QA); Quality Control for Performance (QCP); Pay for Performance (PFP)		

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQYD/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR ALL NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B–4–152

INDEX

SCALE: N.T.S.

SHEET NO.  
2

DATE :01/12/18



# GENERAL NOTES

1. REMOVAL LIMITS WILL BE DETERMINED BY THE COMMISSIONER BASED ON EXISTING CONDITIONS.
2. THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM TO CONTINUOUSLY MONITOR THE WORKER SAFETY AND SOIL CONTAMINATION AT SEVERAL LOCATIONS. SEE SPECIAL PROVISION AND SUPPLEMENTAL SPECIFICATIONS FOR DETAILS.
3. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR MUST SUBMIT A PROPOSED CONSTRUCTION SCHEDULE IN A FORMAT APPROVED BY THE COMMISSIONER. NO WORK WILL BE PERMITTED TO PROCEED UNTIL THE PROPOSED SCHEDULE IS REVIEWED AND APPROVED BY THE COMMISSIONER.
4. IN AREAS WHERE MULTIPLE LOCATIONS ARE PROPOSED TO BE CONSTRUCTED, THE CONTRACTOR WILL BE REQUIRED TO STAGE WORK SO AS NOT TO ADVERSELY AFFECT THE FLOW OF PEDESTRIAN AND VEHICULAR TRAFFIC WITHIN THE GENERAL AREA. THE PROPOSED CONSTRUCTION SCHEDULE SHOULD REFLECT A PROGRESSION OF WORK THAT WILL MAINTAIN TRAFFIC TO THE SATISFACTION OF THE COMMISSIONER.
5. THE CITY RESERVE THE RIGHT TO ORDER, IN WRITING, CHANGES IN THE WORK OR THE CONTRACT TIME. THESE CHANGES MAY CONSIST OF ADDITIONS, DELETIONS OR OTHER REVISIONS, AT THE DISCRETION OF THE CITY.
6. WHEN UNFORESEEN CIRCUMSTANCES IMPACT THE CONTRACTORS APPROVED CONSTRUCTION SCHEDULE, IT MAY BE NECESSARY TO ADJUST OR REVISE THE SCHEDULE IN ORDER TO MAINTAIN PROGRESS AND PROVIDE FOR PEDESTRIAN AND VEHICULAR SAFETY. THE CONTRACTOR SHALL COOPERATE FULLY WITH THE CITY IN THIS REGARD.
7. LANE CLOSURES, WORK ZONE RESTRICTIONS, REVISED WORK DAY HOURS AND WEEKEND OR HOLIDAY WORK SCHEDULES ARE SUBJECT TO THE APPROVAL OF THE COMMISSIONER. THE CONTRACTOR MUST RECEIVE WRITTEN AUTHORIZATION, EITHER BY PERMIT OR NOTIFICATION BY THE COMMISSIONER, BEFORE PROCEEDING WITH WORK UNDER THESE CIRCUMSTANCES.
8. PERMITS FROM THE DEPARTMENT OF WATER MANAGEMENT ARE REQUIRED FOR ALL UNDERGROUND STORM, SANITARY OR COMBINED SEWER SYSTEM CONSTRUCTION, AND FOR ALL WORK INVOLVING ADJUSTMENT OF SEWER STRUCTURES. THE DEPARTMENT OF WATER MANAGEMENT PERMIT MUST BE OBTAINED BY A LICENSED SEWER DRAIN LAYER PRIOR TO THE START OF CONSTRUCTION. THE LICENSED SEWER CONTRACTOR/SUBCONTRACTOR MUST SUBMIT TWO SETS OF PLANS APPROVED BY THE DEPARTMENT OF BUILDINGS (DOB) FOR THE ISSUE OF THE SEWER PERMIT TO CITY HALL, 121 N. LASALLE STREET - ROOM 804, CHICAGO, IL 60602. INSPECTION WILL BE PROVIDED BY THE DEPARTMENT OF WATER MANAGEMENT.
9. IN CASE OF DAMAGE TO THE CITY OF CHICAGO SEWERS, PRIVATE AND PUBLIC DRAINS, SEWER STRUCTURES AND/OR BENCH MONUMENTS, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE DEPARTMENT OF WATER MANAGEMENT AT (312) 747-7892 OR (312) 747-7893.
10. PERFORATED LIDS SHALL BE PLACED ON ALL MANHOLES AND CATCH BASINS.
11. ALL BROKEN, CRACKED, WORN OR OTHERWISE DAMAGED OR BICYCLE UNSAFE FRAMES AND GRATES .OR LIDS ON SEWER STRUCTURES SHALL BE REPLACED WITH NEW DEPARTMENT OF WATER MANAGEMENT STANDARD FRAMES AND GRATES OR LIDS.
12. THE CONTRACTOR MUST DELIVER ALL OLD SEWER RELATED FRAMES AND LIDS TO THE DEPARTMENT OF WATER MANAGEMENT, 3901 S. ASHLAND AVENUE, CHICAGO, IL 60609 BETWEEN 10:00 AM AND 2:00 PM AND ALL CITY ELECTRIC RELATED FRAMES AND LIDS TO BUREAU OF ELECTRICITY, 4101 S. CICERO AVENUE, CHICAGO,IL 60604.
13. CITY OF CHICAGO WATER VALVE VAULTS AND SEWER STRUCTURES SHALL NOT BE CLOSED, COVERED OR OTHERWISE OBSTRUCTED DURING CONSTRUCTION WITHOUT WRITTEN PERMISSION FROM THE CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT.
14. CURB AND GUTTER CONSTRUCTION SHALL PROVIDE A MINIMUM CURB HEIGHT OF 3 INCHES AND A MAXIMUM HEIGHT OF 9 INCHES.
15. STOCKPILING OF EXCAVATED MATERIALS AND/OR CONSTRUCTION DEBRIS ON THE JOBSITE WILL NOT BE PERMITTED AND SHALL BE REMOVED FROM THE JOBSITE EACH AND EVERY DAY AND DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS. FAILURE TO COMPLY WITH THIS REQUIREMENT SHALL BE CONSIDERED A TRAFFIC CONTROL DEFICIENCY AND WILL BE SUBJECT TO CHARGES IN ACCORDANCE WITH THE ITEM TRAFFIC CONTROL COMPLETE.
16. "FRESH OIL" SIGNS MUST BE POSTED AT ALL INGRESSES TO PRIMED SURFACES. FAILURE TO INSTALL AND MAINTAIN THESE SIGNS WILL BE CONSIDERED A TRAFFIC CONTROL DEFICIENCY AND THE CONTRACTOR SHALL BE SUBJECT TO CHARGES IN ACCORDANCE WITH THE ITEM TRAFFIC CONTROL COMPLETE.

17. THE CONTRACTOR SHALL PROVIDE ADDITIONAL TRAFFIC CONTROL DEVICES APPROVED BY THE COMMISSIONER AND TWO FLAG-PERSONS DURING HMA SURFACE REMOVAL, PLACING LEVELING BINDER AND SURFACE COURSES ON ROADWAYS OPEN TO TRAFFIC. THE USE OF TWO (2) CERTIFIED FLAGPERSONS SHALL BE MANDATORY AT ALL TIMES. ADDITIONAL TRAFFIC CONTROL DEVICES AND FLAGPERSONS SHALL NOT BE PAID FOR SEPARATELY BUT CONSIDERED INCIDENTAL TO THE ITEM TRAFFIC CONTROL COMPLETE. FAILURE TO PROVIDE ADEQUATE TRAFFIC CONTROL OR FLAGPERSONS SHALL BE CONSIDERED A TRAFFIC CONTROL DEFICIENCY AND THE CONTRACTOR WILL BE SUBJECT TO CHARGES IN ACCORDANCE WITH THE ITEM TRAFFIC CONTROL COMPLETE.
18. "FLOW BOYS" SHALL BE USED AT ALL LOCATIONS WHERE VERTICAL CLEARANCE PRECLUDES THE USE OF NORMAL DUMP TRUCKS. THE USE OF "FLOW BOYS" WILL NOT BE PAID FOR SEPARATELY. ALL COSTS ASSOCIATED WITH USING "FLOW BOYS" SHALL BE INCLUDED IN THE BID UNIT PRICES OF THE HOT-MIX ASPHALT BINDER AND SURFACE COURSE ITEMS INVOLVED.
19. THE CONTRACTOR SHALL PROTECT ALL SECTIONS OF NEWLY COMPACTED HMA SURFACE COURSES FROM PEDESTRIAN AND VEHICULAR TRAFFIC UNTIL THEY COOL DOWN TO THE SATISFACTION OF THE COMMISSIONER. DAMAGES TO THE MAT SHALL BE FIXED IMMEDIATELY TO THE SATISFACTION OF THE COMMISSIONER.
20. IN THE EVENT THAT THE CONTRACTOR CANNOT FINISH THE MILLING AND/OR PAVING OPERATION DUE TO DELAYS CAUSED BY THE CITY OR PRIVATE UTILITY WORK OR ADJACENT CONSTRUCTION AND MOVES TO ANOTHER LOCATION, OR TERMINATES HIS OPERATION, THE CONTRACTOR MUST FINISH THE MILLING AND/OR PAVING OPERATION AS SOON AS SAID LOCATION IS CLEARED OF ALL CONFLICTING WORK AT NO ADDITIONAL COST TO THE CITY.
21. THE CONTRACTOR MUST NOTIFY THE DEPARTMENT OF STREETS AND SANITATION AT 312-746-4524 72 HOURS PRIOR TO THE NEED FOR TOWING RELOCATION OF VEHICLES. THE CITY OF CHICAGO WILL BE RESPONSIBLE FOR REMOVING PARKED VEHICLES LOCATED IN THE SCHEDULED WORK AREA. SIGNS PREVENTING PARKING WILL BE POSTED BY THE COMMISSIONER OR HIS STAFF 72 HOURS BEFORE THE WORK IS SCHEDULED. PRIOR TO POSTING SIGNS THE COMMISSIONER SHALL NOTIFY THE ALDERMAN'S OFFICE OF THE RESURFACING SCHEDULE. THE POLICE ARE TO BE PRESENT TO ISSUE TICKETS AND SUPERVISE TOWING PRIOR TO THE RELOCATION OF VEHICLES.
22. IN THE EVENT THAT THE WORK TO BE PERFORMED ON A STREET SEGMENT WHERE PARKING HAS BEEN PROHIBITED WILL BE POSTPONED FOR 5 WORKING DAYS OR MORE, THE CONTRACTOR MUST NOTIFY THE COMMISSIONER TO REMOVE THE "NO PARKING" SIGNS AND ADVISE THE COMMISSIONER WHEN THE WORK WILL RESUME FOR THE COMMISSIONER OR HIS STAFF TO RE-POST THE "NO PARKING" SIGNS 48 HOURS PRIOR TO RESUMPTION OF WORK.
23. THE CONTRACTOR SHALL FURNISH THE NAME(S) OF THE QC MANAGER LEVEL II TECHNICIAN ASSIGNED TO THE PROJECT AT THE TIME OF THE PRE-CONSTRUCTION MEETING.
24. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 AND C.U.A.N. (CHICAGO UTILITY ALERT NETWORK) AT 312-744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRICAL, TELEPHONE, AND GAS FACILITIES. (72 HOUR NOTIFICATION IS REQUIRED).
25. 10 FEET TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURB AND GUTTER AND MEDIAN IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED IN THIS CONTRACT.
26. THE CONTRACTOR SHALL COORDINATE ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF CHICAGO.
27. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM I.D.O.T. OR THE CITY OF CHICAGO.
28. BUTT JOINTS SHALL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS THE EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT DETAILS AT INTERSECTIONS".
29. WHENEVER, DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST FOR CATCH BASINS AND MANHOLES TO BE ADJUSTED IN THIS CONTRACT.
30. ANY EXISTING STORM SEWER DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE CITY.
31. THREE QUARTER INCH (3/4") THICK EXPANSION JOINT SHALL BE PLACED BETWEEN THE SIDEWALK AND ALL STRUCTURES SUCH AS ADJACENT BUILDINGS, CURBS, LIGHT STANDARDS, TRAFFIC LIGHT STANDARDS AND MANHOLES WHICH EXTEND THROUGH THE SIDEWALK. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COST OF PCC SIDEWALK.
32. CONTRACTOR IS TO RESTORE ALL UNPAVED AREAS DAMAGED DURING CONSTRUCTION OPERATIONS TO THEIR ORIGINAL CONDITION INCLUDING THE FINE GRADING AND SODDING BEYOND THE AREA OF THE PROPOSED SEEDING AND SODDING, AS SHOWN ON THE STANDARD DETAILS, AT NO ADDITIONAL COST TO THE CITY.
33. THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT, EXCEPT FOR PERIODS OF SHORT DURATION.
34. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING OF CONSTRUCTION.
35. ALL SAW CUTTING SHALL BE INCLUDED IN THE UNIT COST OF REMOVAL ITEMS IN THIS CONTRACT AND SHALL BE PERFORMED PRIOR TO THE START OF REMOVAL. ANY ITEMS OF WORK REMOVED PRIOR TO SAW CUTTING WILL NOT BE MEASURED FOR PAYMENT.
36. PAY ITEMS IN THE SUMMARY OF QUANTITIES HAVE BEEN ESTIMATED. IF, IN THE ENGINEER'S OPINION, THE WORK IS NOT REQUIRED, THE ITEM WILL BE DEDUCTED FROM THE CONTRACT AND NO ADDITIONAL COMPENSATION TO THE CONTRACTOR WILL BE ALLOWED.
37. BUS PAD STANDARD DIMENSION SHALL BE 10' X 80' AND SHALL BE INSTALLED AFTER THE PLACEMENT OF THE FINAL SURFACE COURSE. THE FINAL LOCATION OF ALL BUS STOP PADS MUST BE VERIFIED IN THE FIELD AND APPROVED BY THE COMMISSIONER PRIOR TO CONSTRUCTION.
38. ALL ELEVATIONS SHOWN ON THE PLANS REFER TO CHICAGO CITY DATUM, WHICH IS 579.88 FEET ABOVE MEAN SEA LEVEL, NEW YORK 1935 ADJUSTMENT.
39. ALL DIMENSIONS SHOWN ON THE PLANS ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
40. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DEPARTMENT OF TRANSPORTATION OF ANY DAMAGE TO CITY OWNED AND MAINTAINED TRAFFIC SIGNS, SIGNALS, GUARDRAILS, FENCES, ETC.
41. ANY PAVEMENT REMOVAL AND REPLACEMENT OPERATION TO BE PERFORMED DIRECTLY ABOVE A COMED LINE SHALL BE CLOSELY COORDINATED WITH THAT UTILITY. CDOT AND COMED REPRESENTATIVES SHALL BE PRESENT DURING THE PERFORMANCE OF THIS WORK.
42. USE EXTREME CAUTION AND HAND DIG WHEN NECESSARY IN CLOSE PROXIMITY TO PEOPLES ENERGY FACILITIES.
43. THE CONTRACTOR SHALL MAINTAIN THE SURFACE DRAINAGE OF THE ROAD DURING CONSTRUCTION UNTIL THE CITY ACCEPTS MAINTENANCE OF THE IMPROVED STREET.
44. THE COST OF REMOVING BRICKS WITHIN THE SIDEWALK REMOVAL LIMITS SHALL BE CONSIDERED INCLUDED IN THE COST OF SIDEWALK REMOVAL. REMOVAL OF EXISTING BENCHES, BICYCLE RACKS, AND TRASH RECEPTACLES WILL BE CONSIDERED INCLUDED IN THE COST OF SIDEWALK REMOVAL.
45. THE CONTRACTOR SHALL NOTIFY THE POST OFFICE OF ANY MAILBOX TO BE REMOVED OR RELOCATED. THE COST OF ANY COORDINATION WITH THE POST OFFICE SHALL BE CONSIDERED INCLUDED IN THE COST OF SIDEWALK REMOVAL.
46. THE CONTRACTOR SHALL CHECK THE ELEVATION AT THE PROPERTY LINE BEFORE SETTING THE TOP OF CURB ELEVATION AND, IF NECESSARY, SHALL ALTER THE CURB EXPOSED AND/OR GUTTER ELEVATION TO MEET THE ADJACENT PROPERTY LINE ELEVATION TO THE SATISFACTION OF THE COMMISSIONER.
47. ALL WORK MUST CONFORM TO THE MOST CURRENT CHICAGO DEPARTMENT OF TRANSPORTATION RULES AND REGULATIONS FOR WORK IN THE PUBLIC WAY IN COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT, AVAILABLE ON THE CITY OF CHICAGO WEBSITE.
48. THE ENTIRE AREA WHICH IS TO RECEIVE BITUMINOUS MATERIALS (TACK COAT) SHALL BE SWEEPED CLEAN BEFORE THE MATERIAL APPLICATION. SWEEPINGS SHALL NOT BE DEPOSITED IN THE GUTTER OR ON THE CURB, PARKWAY, OR SIDEWALK, BUT SHALL BE PICKED UP AND DISPOSED OF PROPERLY.
49. THE CONTRACTOR SHALL CONTACT THE IDOT TRAFFIC CONTROL SUPERVISOR AT (847)705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
50. ALL WORK ON IDOT ROADWAYS SHALL OCCUR DURING THE ALLOWABLE WORKING HOURS AS SPECIFIED IN THE SPECIAL PROVISION "KEEPING ARTERIALS OPEN TO TRAFFIC."
51. THE LIMITS OF RESURFACING ON SIDE STREETS THROUGHOUT THE IMPROVEMENT SHALL BE AT THE END OF THE RADIUS RETURN UNLESS OTHERWISE NOTED OR AS DIRECTED BY THE RESIDENT ENGINEER.

	REVISIONS				CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF ENGINEERING	2018 ARTERIAL STREET RESURFACING NORTH AREA B-4-152	GENERAL NOTES	SCALE: N.T.S.	SHEET NO. 3	DATE :01/12/18
	NO.	BY	DATE	DESCRIPTION						



SUMMARY OF QUANTITIES PER LOCATION ARTERIAL STREET RESURFACING PROJECT 79 - NORTH AREA CDOT PROJECT NO. B-4-152					W. Addison St. (N. Keeler Ave. - W. Avondale Ave.) N. Avondale Ave./W. Gregory St. (N. Harlem Ave. - N. Moody Ave.) N. Avondale Ave. (W. Addison St. - I-90)94 Entrance Ramp, 3532 N) N. East River Rd. (W. Higgins Ave. - W. Bryn Mawr Ave.) N. Elston Ave. (W. Melvina Ave. - W. Foster Ave.) N. Kedzie Avenue (W. Palmer St. - W. North Ave.) N. Kostner Ave. (W. Diversey Ave. - W. North Ave.) N. Oak Park Ave. (W. Armitage Ave. - W. Fullerton Ave.) N. Ridge Blvd./N. Ravenswood Ave. (W. Peterson Ave. to N. Devon Ave.) N. Sacramento Ave. (W. Palmer St. to N. Milwaukee Ave.) W. Wilson Ave. (N. Damen Ave. - N. Lake Shore Dr.)											
Item No.	Code Number	Description	Unit	TOTAL	0.65 mile	1.30 miles	0.15 mile	0.50 mile	2.00 miles	0.70 mile	0.50 mile	0.50 mile	0.40 mile	0.30 mile	1.70 miles	
1	20200100	EARTH EXCAVATION	CU YD	81	7	11	1	1	20	8	7	4	3	4	16	
2	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1,820	112	459	16	-	75	115	305	173	93	52	420	
3	25200110	SODDING, SALT TOLERANT	SQ YD	1,820	112	459	16	-	75	115	305	173	93	52	420	
4	CDOT3110010	SAND CUSHION, VARIABLE DEPTH	CU YD	12	1	1	1	1	5	1	1	1	1	-	2	
5	31101100	SUB-BASE GRANULAR MATERIAL, TYPE B	CU YD	688	123	-	-	-	25	56	-	-	340	117	27	
6	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	157,449	13,044	17,806	1,523	855	43,583	17,642	9,284	8,462	6,506	6,638	32,105	
7	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	22	-	-	-	22	-	-	-	-	-	-	-	
8	40600525	LEVELING BINDER (HAND METHOD), N50	TON	25	-	10	2	-	-	-	5	5	-	4	-	
9	40600535	LEVELING BINDER (HAND METHOD), N70	TON	62	6	-	-	-	24	10	-	-	4	-	18	
10	40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	9,622	797	1,088	93	52	2,663	1,078	567	517	398	406	1,962	
11	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	4,454	308	807	43	96	900	405	327	185	209	362	812	
12	40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	146	-	-	-	146	-	-	-	-	-	-	-	
13	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	5,440	-	2,216	189	-	-	-	1,155	1,053	-	826	-	
14	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	14,154	1,623	-	-	106	5,424	2,196	-	-	810	-	3,995	
15	CDOT4240010	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	54,429	7,802	2,524	282	888	10,936	4,902	1,958	1,568	9,782	4,771	9,016	
16	CDOT4240030	PORTLAND CEMENT CONCRETE ADA RAMP 5 INCH	SQ FT	35,764	3,636	3,973	226	-	10,274	2,535	3,450	1,626	1,525	1,619	6,901	
17	CDOT4240040	PORTLAND CEMENT CONCRETE ADA RAMP 8 INCH	SQ FT	9,735	397	393	-	558	1,572	1,340	609	818	-	1,057	2,992	
18	CDOT4240055	LINEAR DETECTABLE WARNING TILES (CAST IRON)	SQ FT	5,016	456	396	24	72	1,008	480	540	288	168	288	1,296	
19	CDOT4240065	RADIAL DETECTABLE WARNING TILES (CAST IRON)	SQ FT	1,106	80	220	-	-	417	96	28	28	26	99	112	
20	CDOT4240070	PROPERTY LINE CURB	FOOT	3,166	266	424	20	40	761	309	214	146	110	194	682	
21	*****	DRIVEWAY AND ALLEY PAVEMENT, REMOVE AND REPLACE, 8 INCH (HIGH EARLY STRENGTH)	SQ YD	354	26	52	-	20	80	28	20	20	20	20	68	
22	*****	PAVEMENT REMOVAL AND REPLACEMENT, 10 INCH (HIGH EARLY STRENGTH)	SQ YD	890	267	-	-	-	-	-	-	-	-	-	623	
23	*****	MAINTENANCE OF ACCESS TO ABUTTING PROPERTY	TON	17	1	2	1	1	4	2	1	1	1	1	3	
24	CDOT4400010	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	233,258	19,325	26,379	2,256	1,267	64,568	26,137	13,754	12,536	9,639	9,834	47,564	
25	*****	CONCRETE SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	3,403	-	-	-	-	-	-	-	-	306	-	3,097	
26	44000100	PAVEMENT REMOVAL	SQ YD	1,896	340	-	-	-	69	145	-	-	942	325	74	
27	44003100	MEDIAN REMOVAL	SQ FT	80	-	-	-	-	-	80	-	-	-	-	-	
28	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	22	-	-	-	-	22	-	-	-	-	-	-	
29	44000300	CURB REMOVAL	FOOT	1,100	100	100	100	100	100	100	100	100	100	100	100	
30	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	12,176	1,105	1,294	71	180	2,716	1,250	902	550	690	984	2,434	
31	44000600	SIDEWALK REMOVAL	SQ FT	82,654	8,469	6,885	506	1,438	22,110	7,643	6,017	4,008	2,823	4,517	18,239	
32	44200956	CLASS B PATCHES, TYPE II, 9 INCH	SQ YD	183	-	100	-	50	-	33	-	-	-	-	-	
33	44200962	CLASS B PATCHES, TYPE III, 9 INCH	SQ YD	243	-	71	-	163	-	9	-	-	-	-	-	
34	44200964	CLASS B PATCHES, TYPE IV, 9 INCH	SQ YD	497	-	359	-	138	-	-	-	-	-	-	-	
35	44201337	CLASS C PATCHES, TYPE I, 9 INCH	SQ YD	123	9	19	2	7	28	10	7	7	6	4	24	
36	44201341	CLASS C PATCHES, TYPE II, 9 INCH	SQ YD	164	12	25	3	9	38	13	9	9	8	6	32	
37	44201345	CLASS C PATCHES, TYPE III, 9 INCH	SQ YD	218	16	33	4	13	50	18	13	13	10	8	43	
38	44201347	CLASS C PATCHES, TYPE IV, 9 INCH	SQ YD	348	26	52	6	20	80	28	20	20	16	12	68	
39	44201749	CLASS D PATCHES, TYPE I, 9 INCH	SQ YD	1,017	76	152	18	58	234	82	58	58	47	35	199	
40	44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	1,295	97	194	22	74	298	104	74	74	60	45	253	



SUMMARY OF QUANTITIES PER LOCATION  
ARTERIAL STREET RESURFACING PROJECT 79 - NORTH AREA  
CDOT PROJECT NO. B-4-152

SUMMARY OF QUANTITIES PER LOCATION ARTERIAL STREET RESURFACING PROJECT 79 - NORTH AREA CDOT PROJECT NO. B-4-152					W. Addison St. (N. Keeler Ave. - W. Avondale Ave.) N. Avondale Ave./W. Gregory St. (N. Harlem Ave. - N. Moody Ave.) N. Avondale Ave. (W. Addison St. - 19094 Entrance Ramp, 3532 N.) N. East River Rd. (W. Higgins Ave. - W. Bryn Mawr Ave.) N. Elston Ave. (W. Melvina Ave. - W. Foster Ave.) N. Kedzie Avenue (W. Palmer St. - W. North Ave.) N. Kostner Ave. (W. Diversey Ave. - W. Fullerton Ave.) N. Oak Park Ave. (W. Armitage Ave. - W. North Ave.) N. Ridge Blvd/N. Ravenswood Ave. (W. Peterson Ave. to N. Devon Ave.) N. Sacramento Ave. (W. Palmer St. to N. Milwaukee Ave.) W. Wilson Ave. (N. Damen Ave. - N. Lake Shore Dr.)											
Item No.	Code Number	Description	Unit	TOTAL	0.65 mile	1.30 miles	0.15 mile	0.50 mile	2.00 miles	0.70 mile	0.50 mile	0.50 mile	0.40 mile	0.30 mile	1.70 miles	
41	44201757	CLASS D PATCHES, TYPE III, 9 INCH	SQ YD	1,332	99	199	23	77	306	107	77	77	62	46	260	
42	44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	1,134	85	169	20	65	261	91	65	65	52	39	222	
43	Z0018900	DRILL AND GROUT DOWEL BARS	EACH	1,304	112	168	8	20	320	124	112	62	46	70	262	
44	*****	DRILL AND GROUT TIE BARS	EACH	5,115	546	518	28	72	1,094	436	361	220	413	444	983	
45	60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	3	-	1	-	-	1	-	-	-	-	-	1	
46	CDOT6020010	CATCH BASINS, TYPE A, 4 FT DIAMETER, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)	EACH	3	-	1	-	-	1	-	-	-	-	-	1	
47	*****	STORM SEWER, TYPE 2, 8 INCH, DUCTILE IRON PIPE (DIP), CLASS 52	FOOT	33	3	3	3	3	3	3	3	3	3	3	3	
48	60500205	FILLING CATCH BASINS	EACH	3	-	1	-	-	1	-	-	-	-	-	1	
49	*****	CATCH BASINS TO BE ADJUSTED	EACH	47	4	7	2	3	9	4	3	3	2	2	8	
50	*****	MANHOLES TO BE ADJUSTED	EACH	26	2	3	1	2	6	2	2	2	1	1	4	
51	*****	MANHOLES TO BE ADJUSTED (SPECIAL)	EACH	8	1	1	-	-	2	1	-	-	1	-	2	
52	*****	INLETS TO BE ADJUSTED	EACH	23	1	4	-	1	6	2	1	1	1	1	5	
53	*****	VALVE VAULTS TO BE ADJUSTED	EACH	10	1	1	-	1	2	1	1	1	-	-	2	
54	*****	WATER METER VAULTS TO BE ADJUSTED	EACH	5	-	1	-	-	2	-	-	-	-	-	2	
55	*****	HANDHOLES TO BE ADJUSTED	EACH	15	1	2	-	1	3	1	1	1	1	1	3	
56	*****	DOMESTIC WATER SHUT-OFF BOXES AND VALVE BOXES TO BE ADJUSTED	EACH	17	1	3	-	1	4	2	1	1	1	-	3	
57	*****	ADJUSTING RING, METAL	EACH	236	18	33	5	14	53	19	14	14	11	9	46	
58	*****	ADDITIONAL MASONRY	VERT FT	9	1	2	-	1	2	1	1	1	1	-	2	
59	*****	FRAMES	EACH	19	1	3	1	1	4	2	1	1	1	1	3	
60	*****	LIDS	EACH	17	1	2	1	1	4	1	1	1	1	1	3	
61	*****	LIDS, ADA COMPLIANT	EACH	10	1	1	-	1	1	1	1	1	1	1	1	
62	*****	FRAMES, SPECIAL	EACH	10	1	1	-	1	2	1	1	1	-	-	2	
63	*****	LIDS, SPECIAL	EACH	10	1	1	-	1	2	1	1	1	-	-	2	
64	CDOT6060020	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-V.12	FOOT	12,755	1,365	1,294	71	180	2,735	1,058	902	550	1,032	1,110	2,458	
65	60600605	CONCRETE CURB, TYPE B	FOOT	1,100	100	100	100	100	100	100	100	100	100	100	100	
66	60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	13,369	3,061	-	-	-	624	1,524	-	-	8,160	-	-	
67	63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	383	-	383	-	-	-	-	-	-	-	-	-	
68	63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	7	-	7	-	-	-	-	-	-	-	-	-	
69	63200310	GUARDRAIL REMOVAL	FOOT	400	-	395	-	-	-	-	5	-	-	-	-	
70	72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	17	-	15	-	-	-	-	2	-	-	-	-	
71	*****	SINGLE END SECTION	EACH	17	-	15	-	-	-	-	2	-	-	-	-	
72	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	86	10	-	11	2	25	8	4	4	-	5	17	
73	66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	-	-	-	-	-	-	-	-	-	-	-	
74	66900530	SOIL DISPOSAL ANALYSIS	EACH	17	2	-	2	1	4	2	1	1	-	1	3	
75	*****	SHORT-TERM PAVEMENT MARKING - LINE 4"	FOOT	56,490	4,220	8,441	974	3,247	12,986	4,545	3,247	3,247	2,597	1,948	11,039	
76	*****	SHORT-TERM PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	3,203	239	479	55	184	736	258	184	184	147	110	626	
77	CDOT6700010	ENGINEER'S FIELD OFFICE	CAL MO	12	1	1	1	1	1	1	1	1	1	1	1	
78	67100100	MOBILIZATION	LSUM	1	-	-	-	-	-	-	-	-	-	-	-	
79	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	22,033	1,646	3,292	380	1,266	5,065	1,773	1,266	1,266	1,013	760	4,305	
80	70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	700	52	105	12	40	161	56	40	40	32	24	137	



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

SUMMARY OF QUANTITIES

SCALE: N.T.S.

SHEET NO.  
5

DATE :01/12/18



SUMMARY OF QUANTITIES PER LOCATION  
ARTERIAL STREET RESURFACING PROJECT 79 - NORTH AREA  
CDOT PROJECT NO. B-4-152

					W. Addison St. (N. Keeler Ave. - W. Avondale Ave.)	N. Avondale Ave. - W. Avondale Ave.)	(N. Harlem Ave. - N. Gregory St.)	N. Avondale Ave. (W. Addison Ave.)	N. East River Rd. (W. Higgins Ave. - W. Bryn Mawr Ave.)	N. Elston Ave. (W. Melvina Ave. - W. Foster Ave.)	N. Kedzie Avenue (W. Palmer St. - W. North Ave.)	N. Kostner Ave. (W. Diversey Ave. - W. Fullerton Ave.)	N. Oak Park Ave. (W. Armitage Ave. - W. North Ave.)	N. Ridge Blvd./N. Ravenswood Ave. (W. Peterson Ave. to N. Devon Ave.)	N. Sacramento Ave. (W. Palmer St. to N. Milwaukee Ave.)	N. Wilson Ave. (N. Damen Ave. - N. Lake Shore Dr.)
Item No.	Code Number	Description	Unit	TOTAL	0.65 mile	1.30 miles	0.15 mile	0.50 mile	2.00 miles	0.70 mile	0.50 mile	0.50 mile	0.40 mile	0.30 mile	1.70 miles	
81	70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	17,566	1,312	2,625	303	1,010	4,038	1,413	1,010	1,010	808	606	3,432	
82	70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	8,068	603	1,206	139	464	1,855	649	464	464	371	278	1,577	
83	70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	676	51	101	12	39	155	54	39	39	31	23	132	
84	70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	5,477	409	818	94	315	1,259	441	315	315	252	189	1,070	
85	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	3,263	157	287	-	-	975	459	36	36	-	182	1131	
86	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	78,569	2216	3529	-	-	33251	29402	961	860	1280	1819	5251	
87	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	38,649	764	1578	666	-	16873	1246	98	324	-	3162	13938	
88	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	3,141	630	287	55	-	91	16	-	-	17	1430	615	
89	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	26,866	2126	2300	55	-	6308	2051	2599	1210	1278	2443	6496	
90	78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	240	-	-	-	218	-	22	-	-	-	-	-	
91	78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	9,261	-	-	-	7,702	-	1,559	-	-	-	-	-	
92	78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	1,689	-	-	-	888	-	801	-	-	-	-	-	
93	78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	235	-	-	-	235	-	-	-	-	-	-	-	
94	78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	521	-	-	-	481	-	40	-	-	-	-	-	
95	X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	1,867	-	-	-	267	-	1,600	-	-	-	-	-	
96	*****	CURB AND MEDIAN PAINTING	FOOT	2,745	225	195	30	30	495	405	195	270	135	120	645	
97	*****	HOT SYNTHETIC PATTERNED TEXTURED PAVING	SQ YD	148	-	-	-	-	-	-	-	-	-	-	148	
98	72000100	SIGN PANEL - TYPE 1	SQ FT	316	24	6	3	-	18	25	-	-	91	99	50	
99	X2600009	SIGN PANEL - TYPE 1 - RETROREFLECTIVE - TYPE A - DOUBLE-SIDED	SQ FT	88	-	-	-	-	77	-	-	-	11	-	-	
100	*****	SIGN SUPPORT POST, DIG METHOD	EACH	1	-	-	-	-	-	-	-	-	1	-	-	
101	*****	SIGN SUPPORT POST, DRILL METHOD	EACH	55	1	1	1	-	31	2	-	-	11	6	2	
102	X2600007	REMOVE AND SALVAGE SIGN PANEL	EACH	39	9	-	-	-	-	4	-	-	6	15	5	
103	*****	REMOVE AND SALVAGE SIGN PANEL AND POLE ASSEMBLY	EACH	11	5	-	-	-	1	-	-	-	-	4	1	
104	X2600011	REMOVE AND RELOCATE SIGN PANEL	EACH	55	5	5	5	5	5	5	5	5	5	5	5	
105	X2600012	REMOVE AND RELOCATE SIGN PANEL AND POLE ASSEMBLY	EACH	2	2	-	-	-	-	-	-	-	-	-	-	
106	*****	REMOVE AND RELOACTE POLE ASSEMBLY	EACH	22	2	2	2	2	2	2	2	2	2	2	2	
107	X0320586	FLEXIBLE DELINEATORS	EACH	6	-	-	-	-	-	6	-	-	-	-	-	
108	88600600	DETECTOR LOOP REPLACEMENT	FOOT	1,864	632	-	-	333	642	257	-	-	-	-	-	
109	*****	TRAFFIC CONTROL COMPLETE	LSUM	1	-	-	-	-	-	-	-	-	-	-	-	
110	Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	157,064	12,344	19,101	1,691	345	46,343	16,419	9,273	8,745	5,772	6,417	30,615	
111	X0327611	REMOVE AND REINSTALL BRICK PAVER	SQ FT	110	10	10	10	10	10	10	10	10	10	10	10	
112	X2600013	IN-STREET SIGNAGE	EACH	22	2	2	2	2	2	2	2	2	2	2	2	
113	X4060995	TEMPORARY RAMP, SPECIAL	SQ YD	1,333	112	52	26	87	346	121	87	87	70	52	294	
114	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	1	-	-	-	-	-	-	-	-	-	-	-	
115	*****	RAILROAD PROTECTIVE LIABILITY INSURANCE (5 AND 10)	LSUM	1	-	-	-	-	-	-	-	-	-	-	-	
116	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	572	43	85	10	33	131	46	33	33	26	20	112	



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

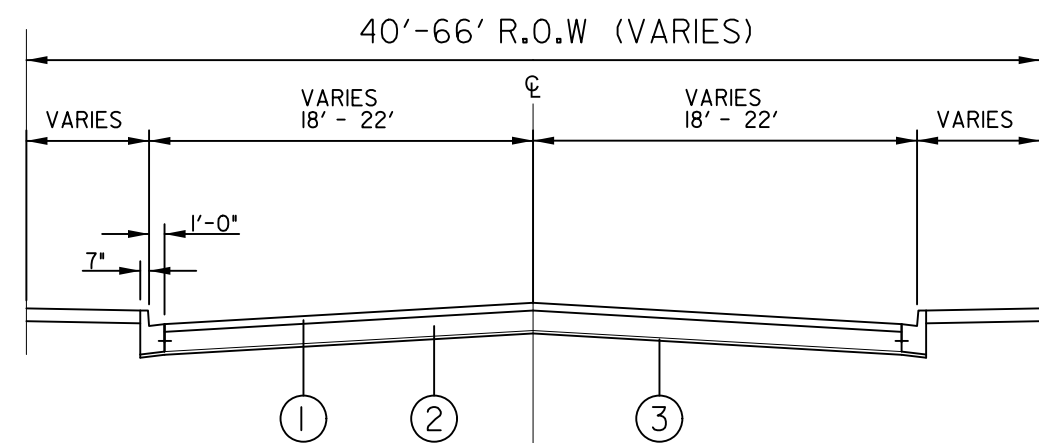
SUMMARY OF QUANTITIES

SCALE: N.T.S.

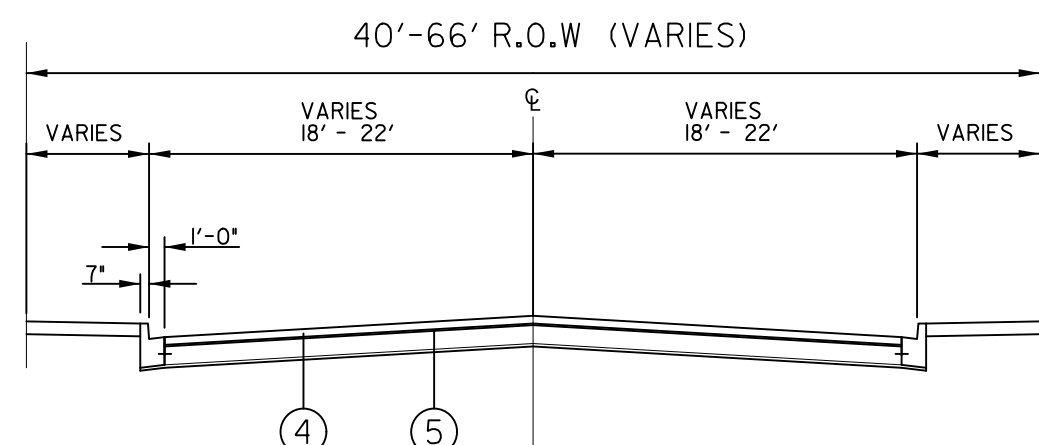
SHEET NO.  
6

DATE :01/12/18





EXISTING



PROPOSED

LEGEND

- ① HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ② EXISTING BASE COURSE (THICKNESS AND MATERIAL VARY)
- ③ EXISTING SUBBASE GRANULAR MATERIAL
- ④ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2"
- ⑤ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"

STREET NAME

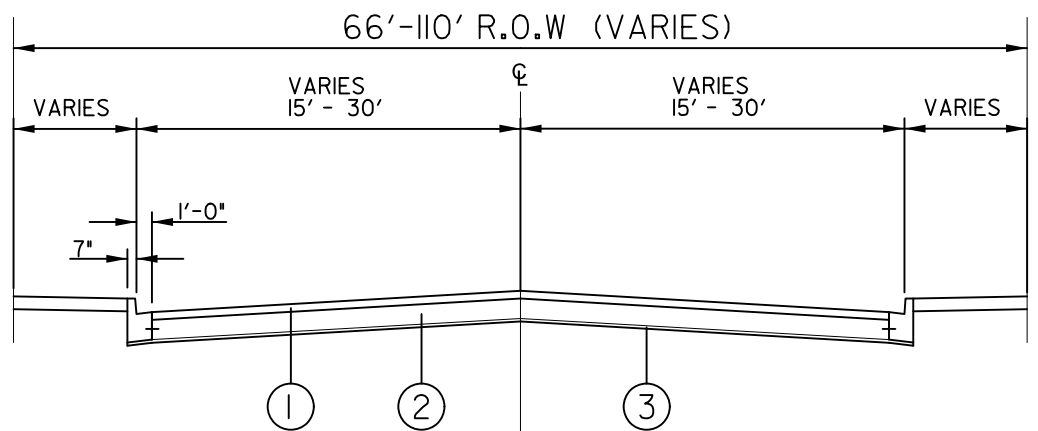
AVONDALE AVE./GREGORY ST.  
AVONDALE AVENUE  
KOSTNER AVENUE  
OAK PARK AVENUE  
SACRAMENTO AVENUE

FROM

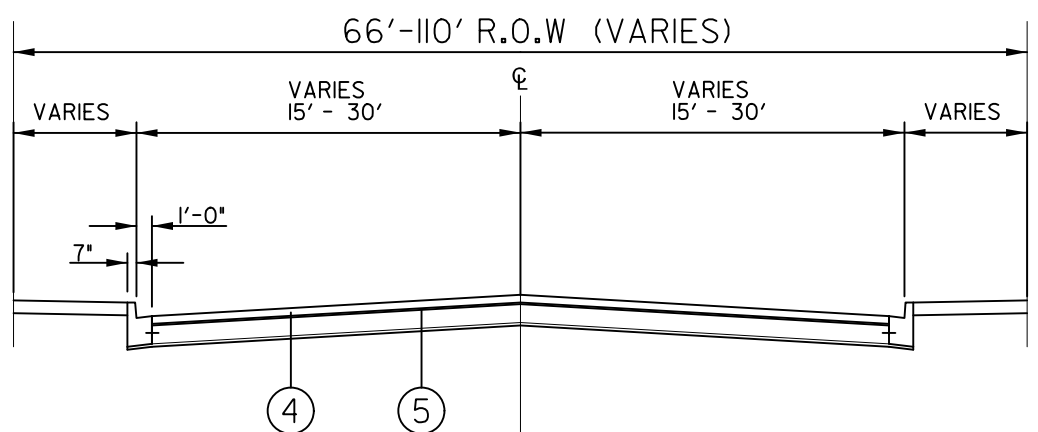
HARLEM AVENUE  
ADDISON STREET  
DIVERSEY AVENUE  
ARMITAGE AVENUE  
PALMER STREET

TO

MOODY AVENUE  
190/94 ENTRANCE RAMP (3532 N.)  
FULLERTON AVENUE  
NORTH AVENUE  
MILWAUKEE AVENUE



EXISTING



PROPOSED

LEGEND

- ① HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ② EXISTING BASE COURSE (THICKNESS AND MATERIAL VARY)
- ③ EXISTING SUBBASE GRANULAR MATERIAL
- ④ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑤ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"

STREET NAME

ADDISON STREET<sup>1</sup>  
EAST RIVER ROAD  
ELSTON AVENUE  
KEDZIE AVENUE  
RIDGE BLVD./RAVENSWOOD AVE.  
WILSON AVENUE<sup>1</sup>

FROM

KELLER AVENUE  
HIGGINS AVENUE  
MELVINA AVENUE  
PALMER STREET  
NORWOOD STREET  
DAMEN AVENUE

TO

AVONDALE AVENUE  
BRYN MAWR AVENUE  
FOSTER AVENUE  
NORTH AVENUE  
DEVON AVENUE  
LAKE SHORE DRIVE

NOTES:  
1. ALTHOUGH THE ADT IS LESS THAN 10,000, THE USE OF HOT MIX ASPHALT SURFACE COURSE, MIX "D", N70 IS WARRANTED BECAUSE A CHICAGO TRANSIT AUTHORITY BUS ROUTE OPERATES ON THIS CORRIDOR.



REVISIONS				
NO.	BY	DATE	DESCRIPTION	

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

TYPICAL SECTIONS

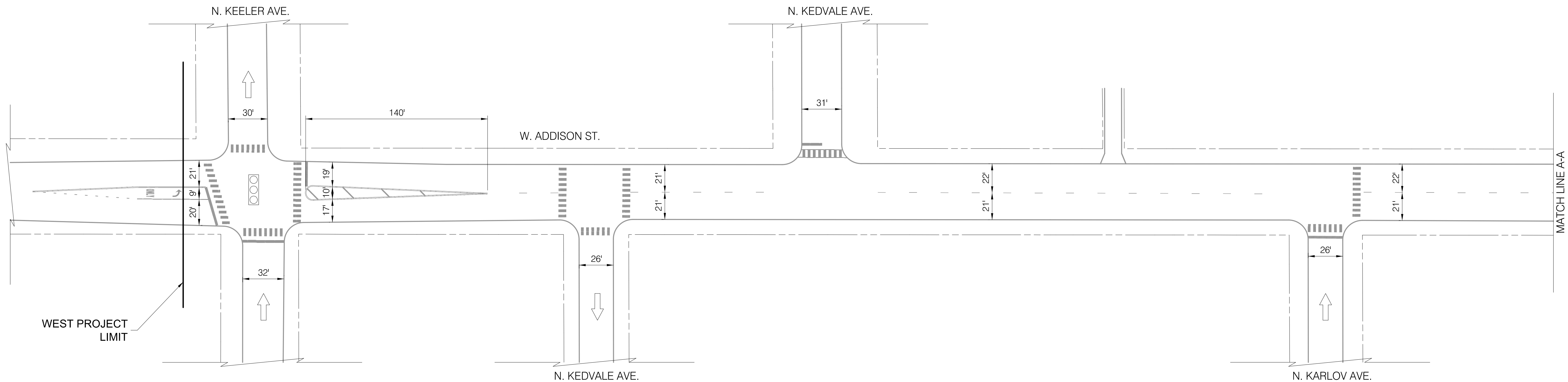
SCALE: N.T.S.

SHEET NO.  
7

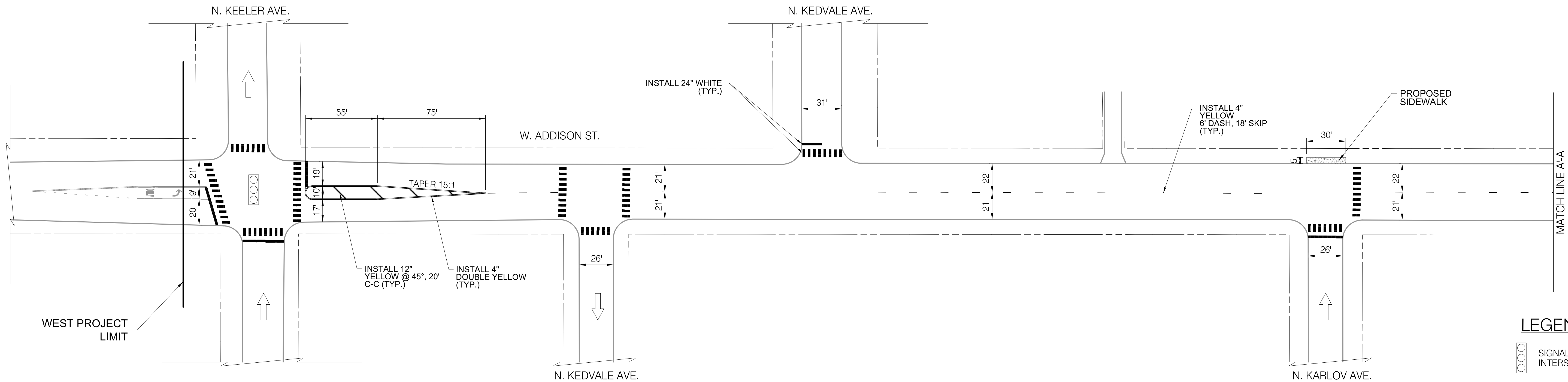
DATE: 01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



NOTES

1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

W. ADDISON STREET  
N. KEELER AVE. TO N. AVONDALE AVE.

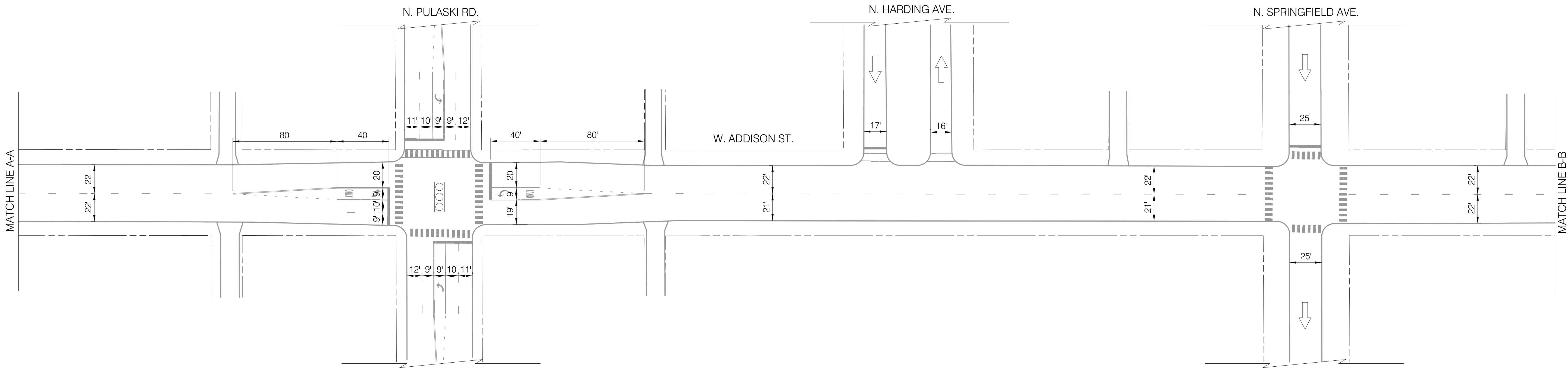
SCALE: 1" = 40'

SHEET NO.  
8

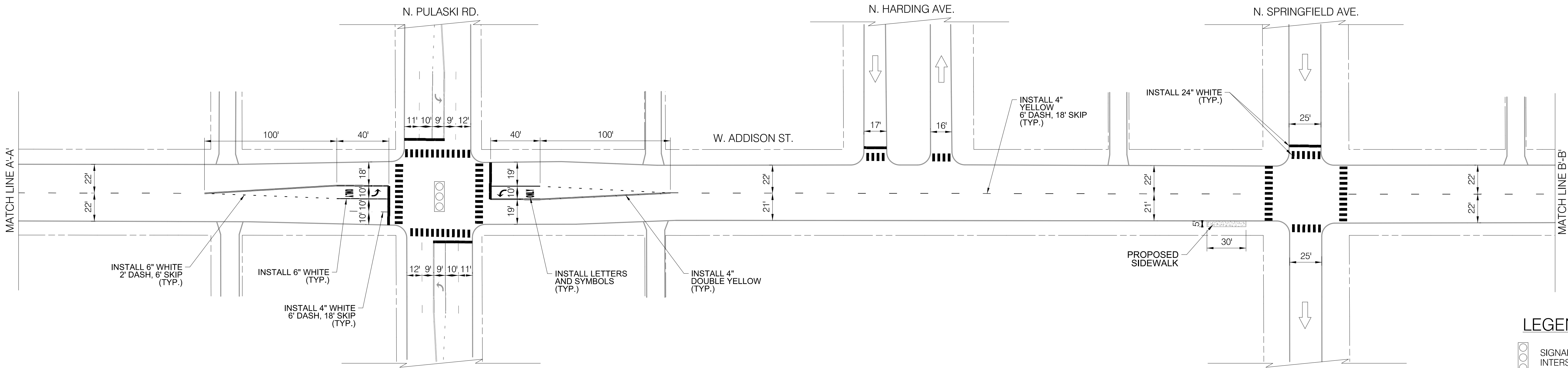
DATE: 01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



NOTES

1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION

LEGEND

- SIGNALIZED INTERSECTION
- ALL-WAY STOP
- ONE-WAY STREET



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

W. ADDISON STREET  
N. KEELER AVE. TO N. AVONDALE AVE.

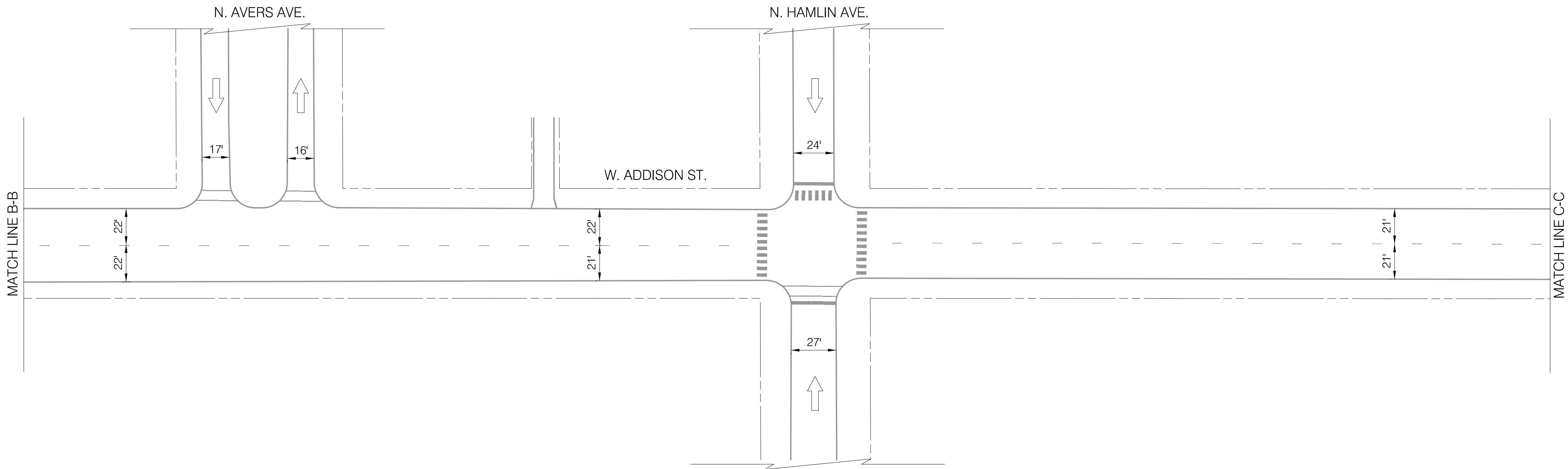
SCALE: 1" = 40'

SHEET NO.  
9

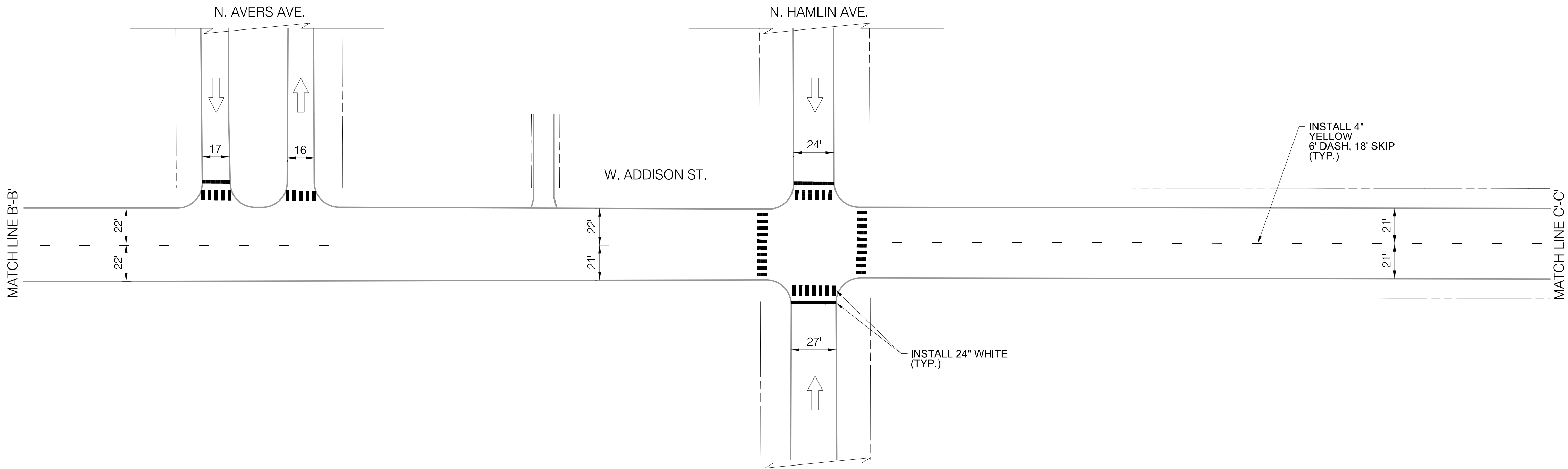
DATE: 01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



NOTES

1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION

LEGEND

- SIGNALIZED INTERSECTION
- ALL-WAY STOP
- ONE-WAY STREET



REVISIONS				
NO.	BY	DATE	DESCRIPTION	

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

W. ADDISON STREET  
N. KEELER AVE. TO N. AVONDALE AVE.

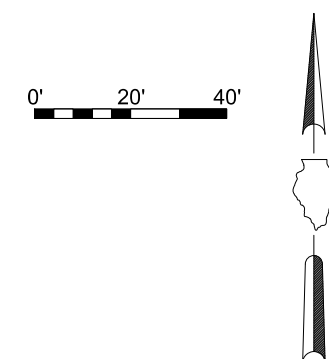
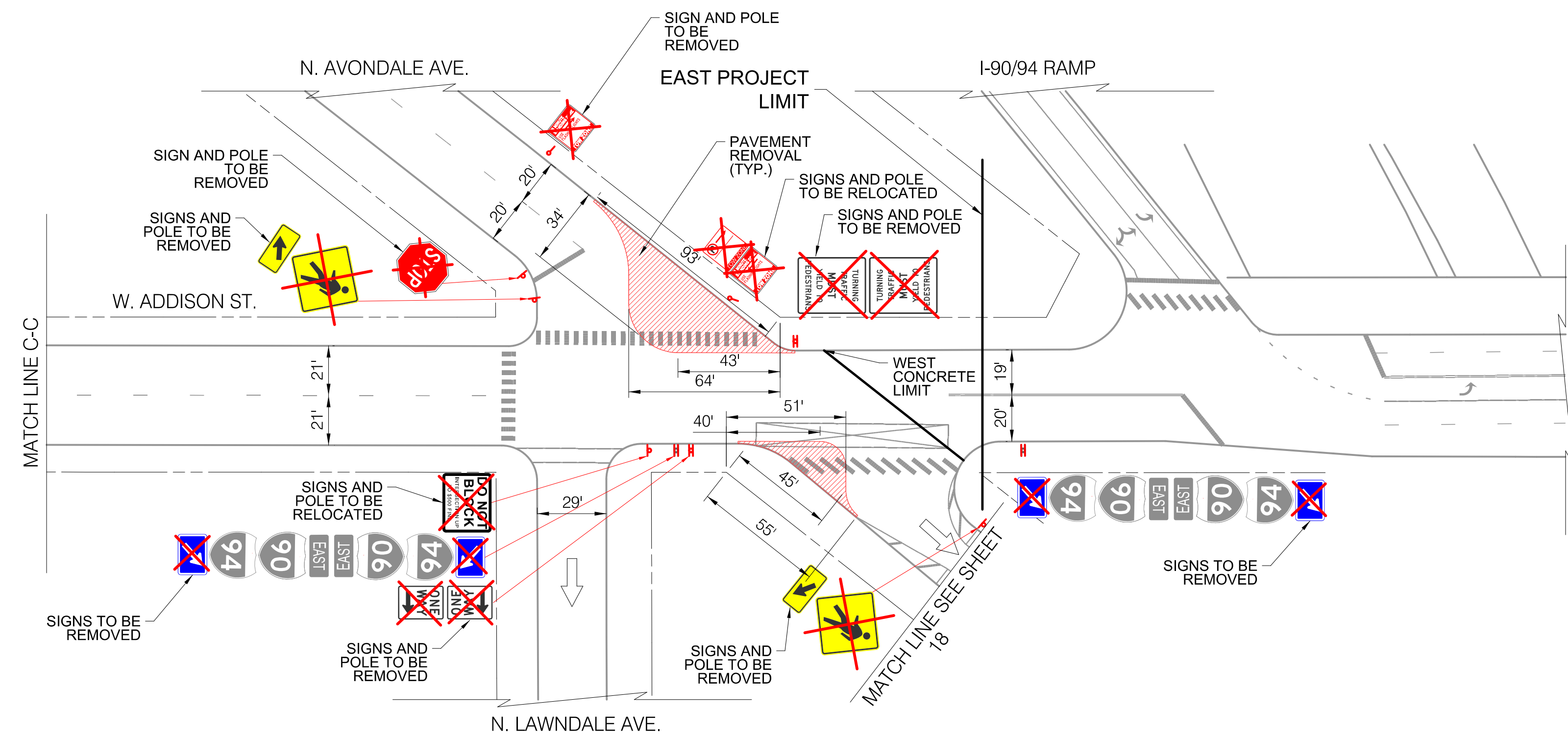
SCALE: 1" = 40'

SHEET NO.  
10

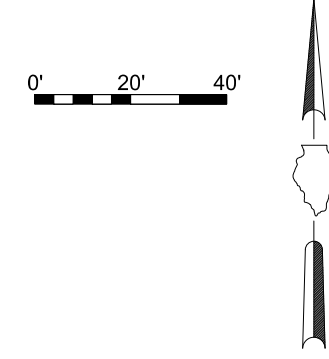
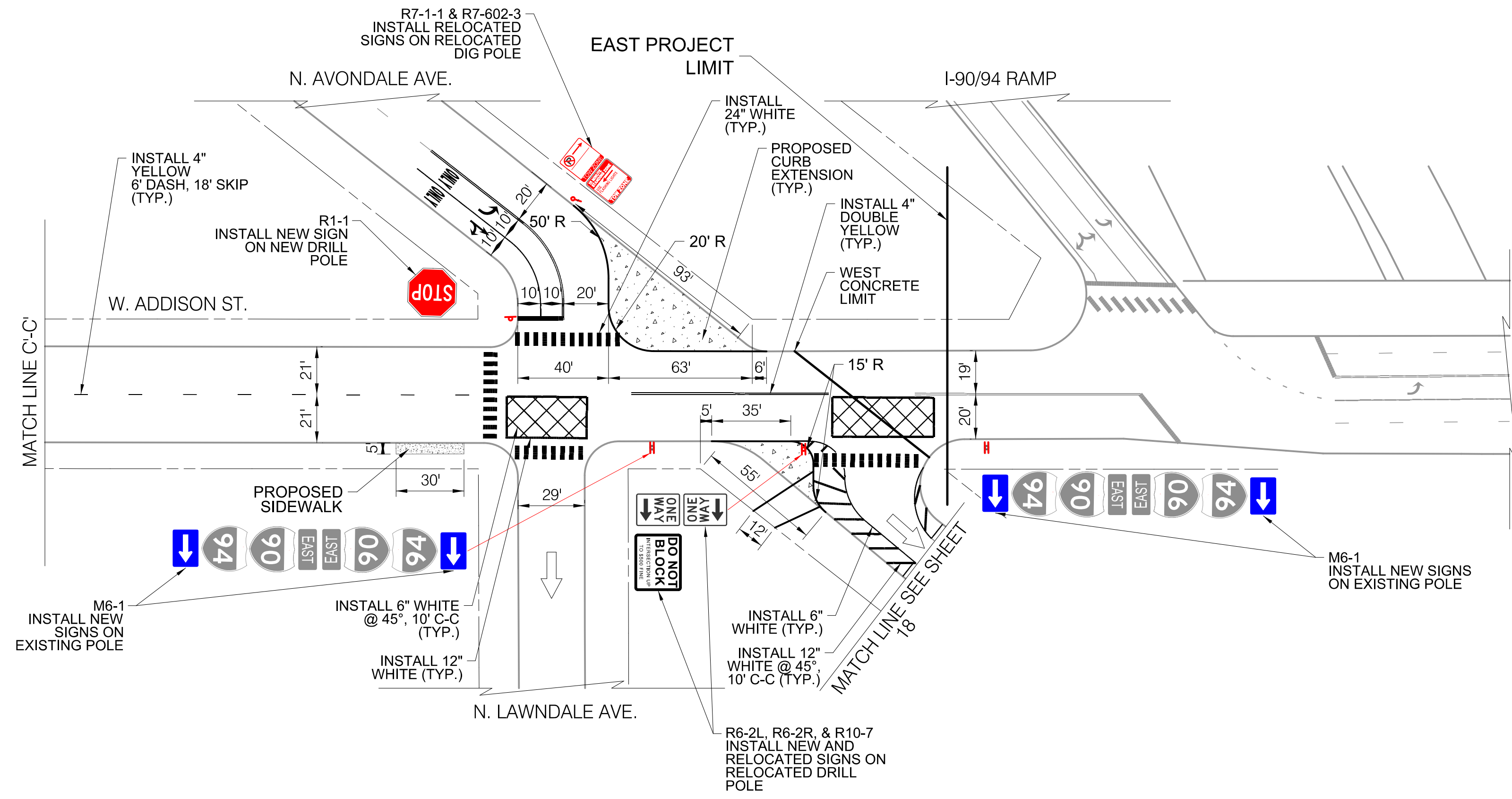
DATE: 01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



- NOTES
- 1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
  - 2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION

LEGEND

- SIGNALIZED INTERSECTION
- ALL-WAY STOP
- ONE-WAY STREET



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

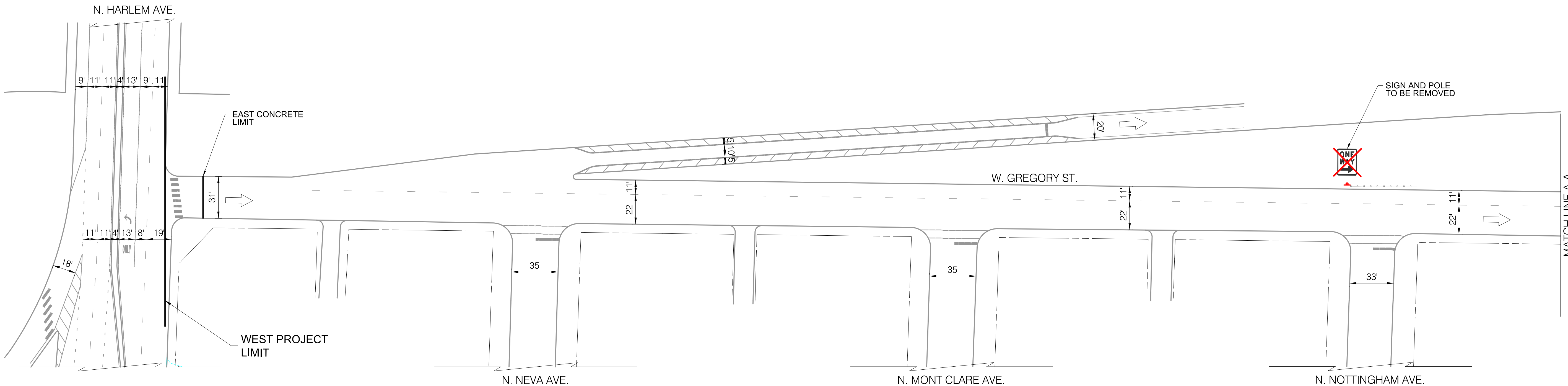
2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152  
EXISTING AND PROPOSED PLANS

W. ADDISON STREET  
N. KEELER AVE. TO N. AVONDALE AVE.  
SCALE: 1" = 40'

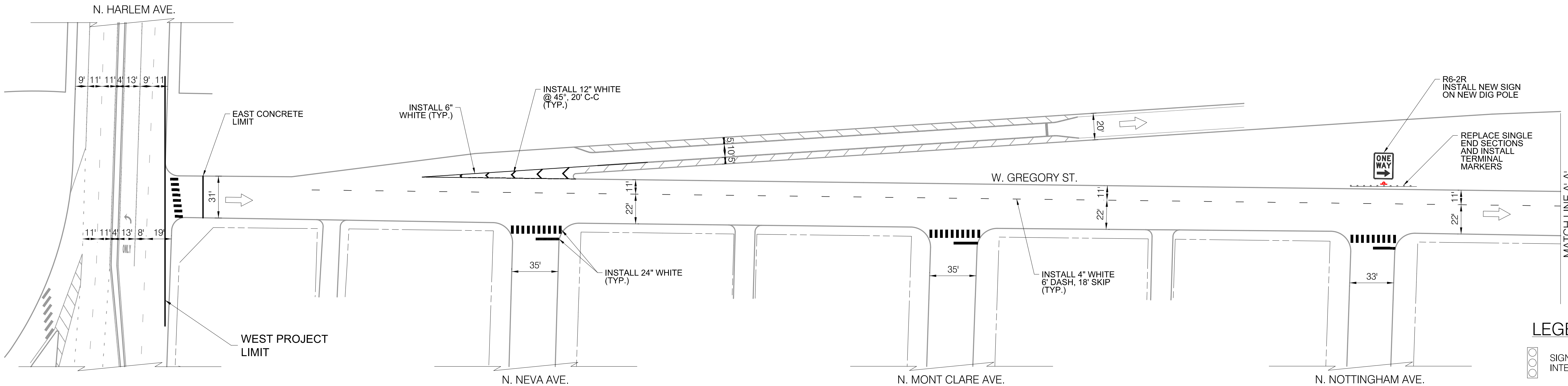
SHEET NO.  
11  
DATE: 01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



- NOTES
- 1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
  - 2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION



REVISIONS				
NO.	BY	DATE	DESCRIPTION	

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

W. GREGORY STREET/  
N. AVONDALE AVENUE  
N. HARLEM AVE. TO N. MOODY AVE.

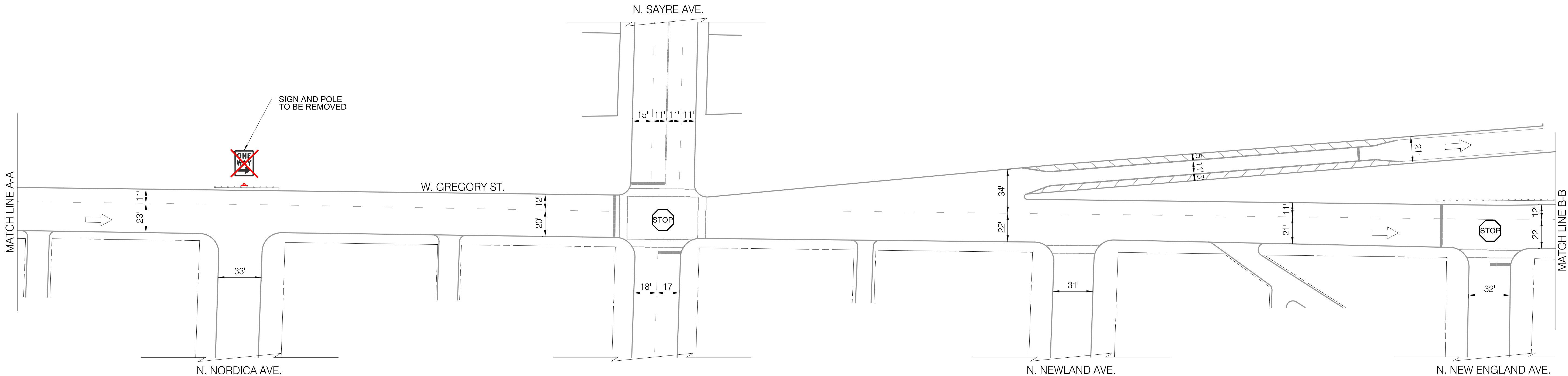
SCALE: 1" = 40'

SHEET NO.  
12

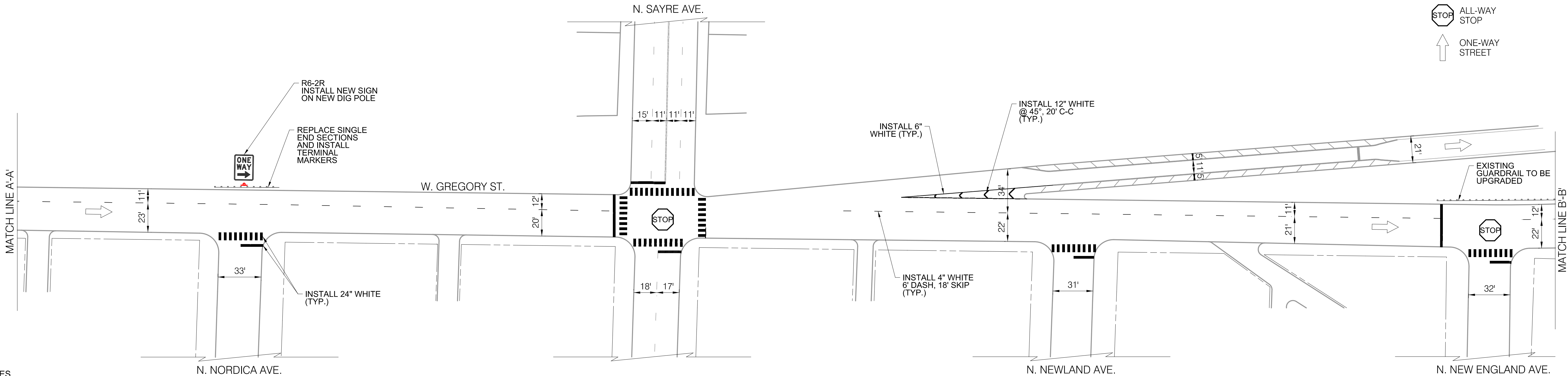
DATE: 01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



NOTES

1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

W. GREGORY STREET/  
N. AVONDALE AVENUE  
N. HARLEM AVE. TO N. MOODY AVE.

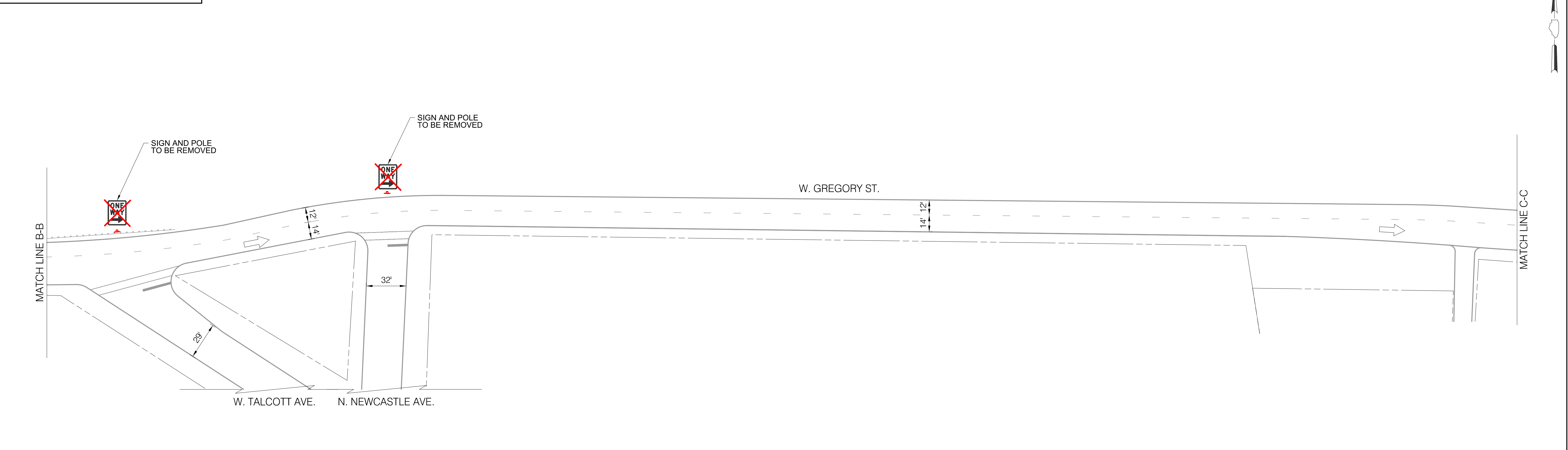
SCALE: 1" = 40'

SHEET NO.  
13

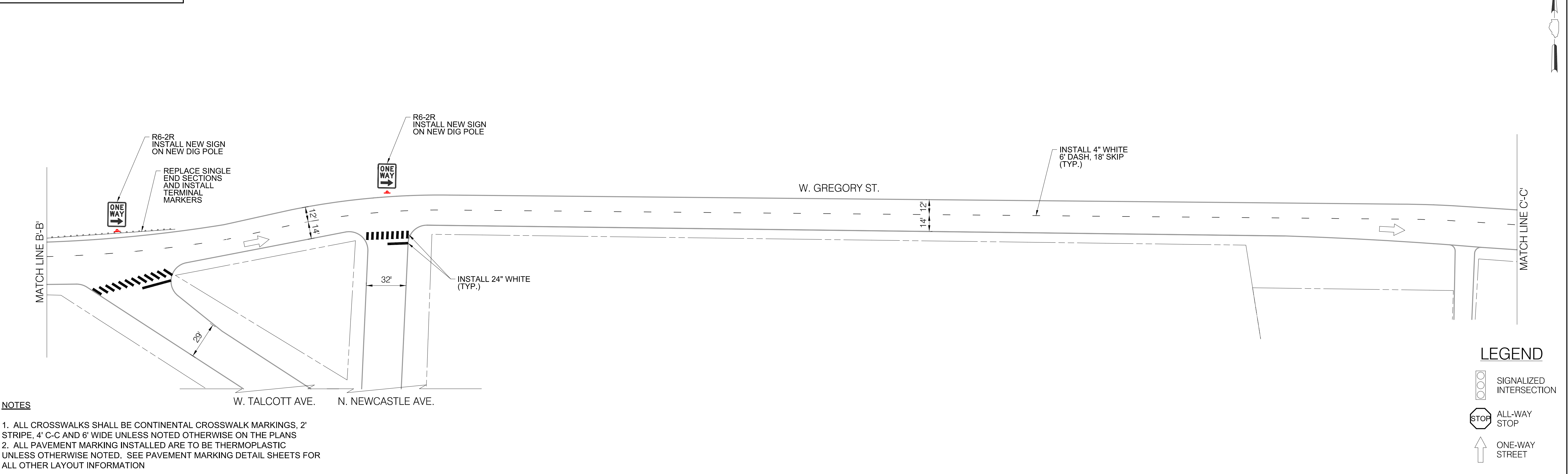
DATE: 01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

W. GREGORY STREET/  
N. AVONDALE AVENUE  
N. HARLEM AVE. TO N. MOODY AVE.

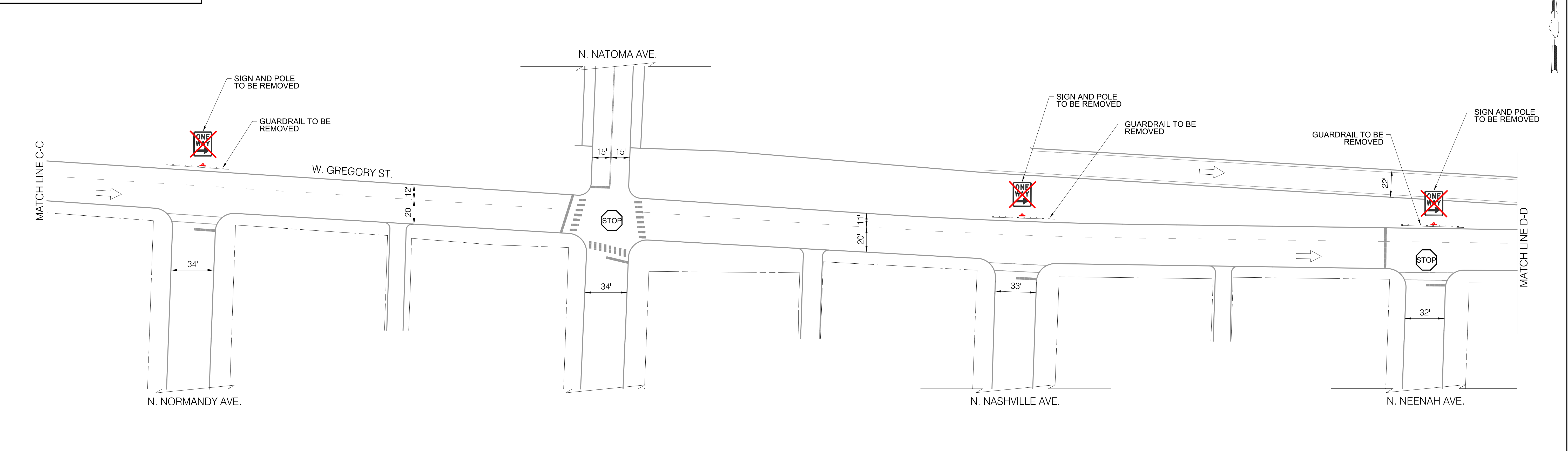
SCALE: 1" = 40'

SHEET NO.  
14

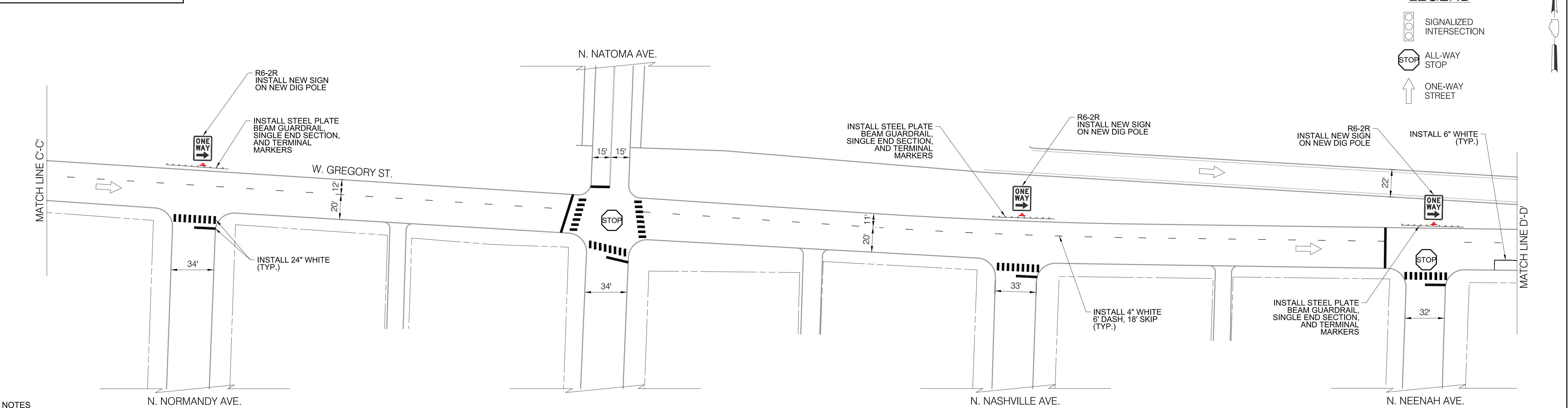
DATE: 01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



NOTES

1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS  
2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION



REVISIONS				
NO.	BY	DATE	DESCRIPTION	

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

W. GREGORY STREET/  
N. AVONDALE AVENUE  
N. HARLEM AVE. TO N. MOODY AVE.

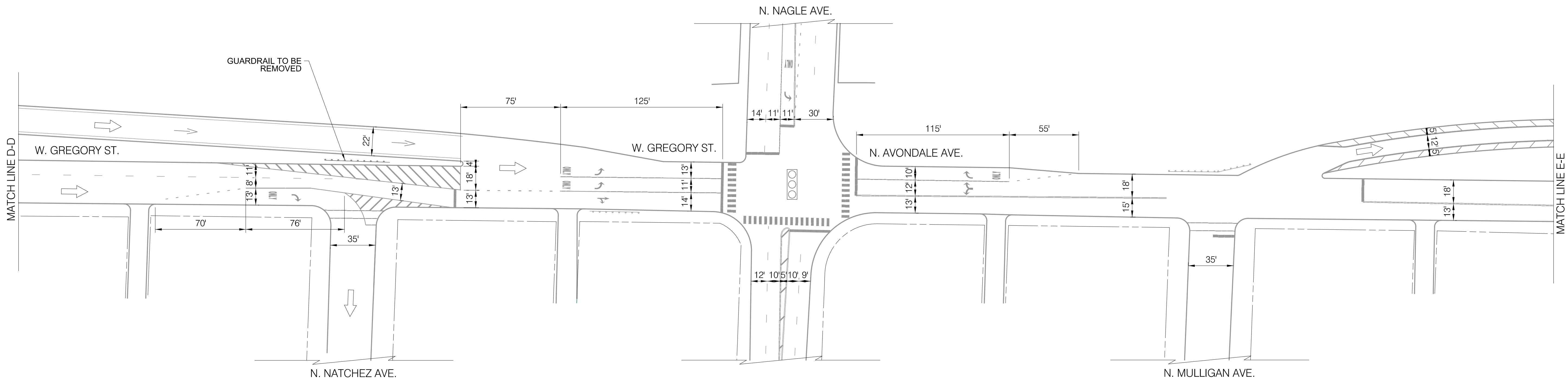
SCALE: 1" = 40'

SHEET NO.  
15

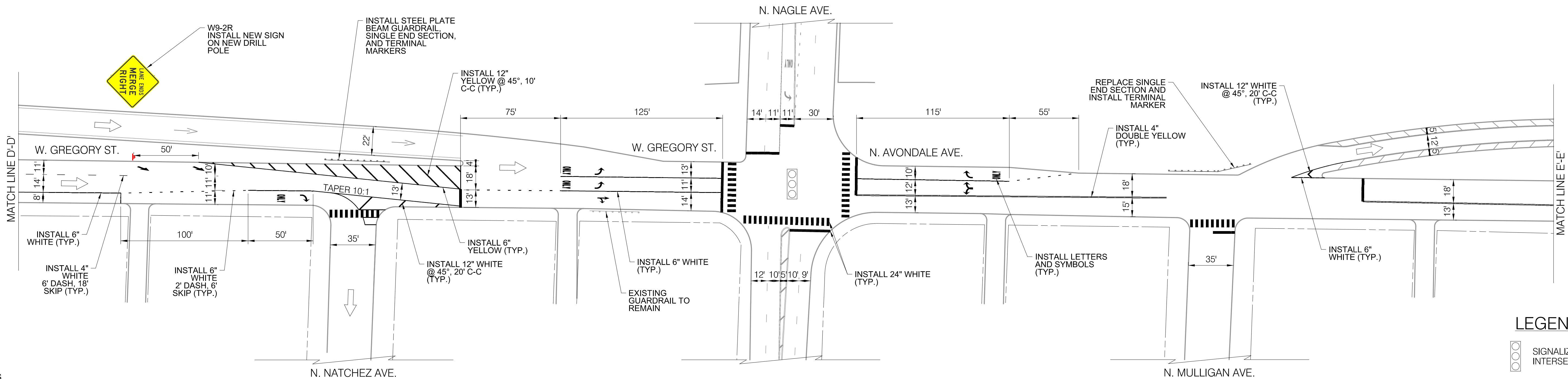
DATE: 01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



NOTES

1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION

LEGEND

- SIGNALIZED INTERSECTION
- ALL-WAY STOP
- ONE-WAY STREET



REVISIONS				
NO.	BY	DATE	DESCRIPTION	

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

W. GREGORY STREET/  
N. AVONDALE AVENUE  
N. HARLEM AVE. TO N. MOODY AVE.

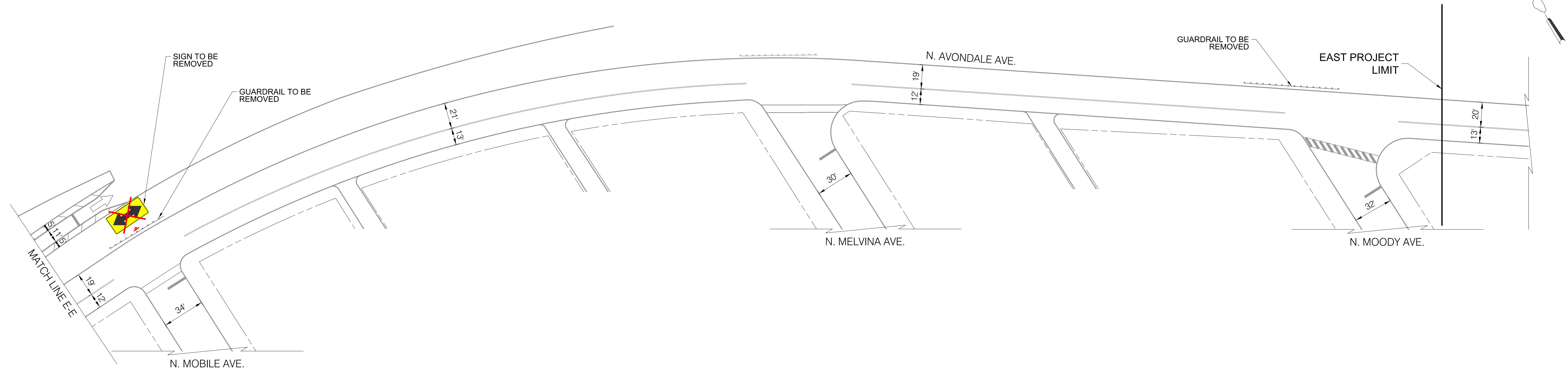
SCALE: 1" = 40'

SHEET NO.  
16

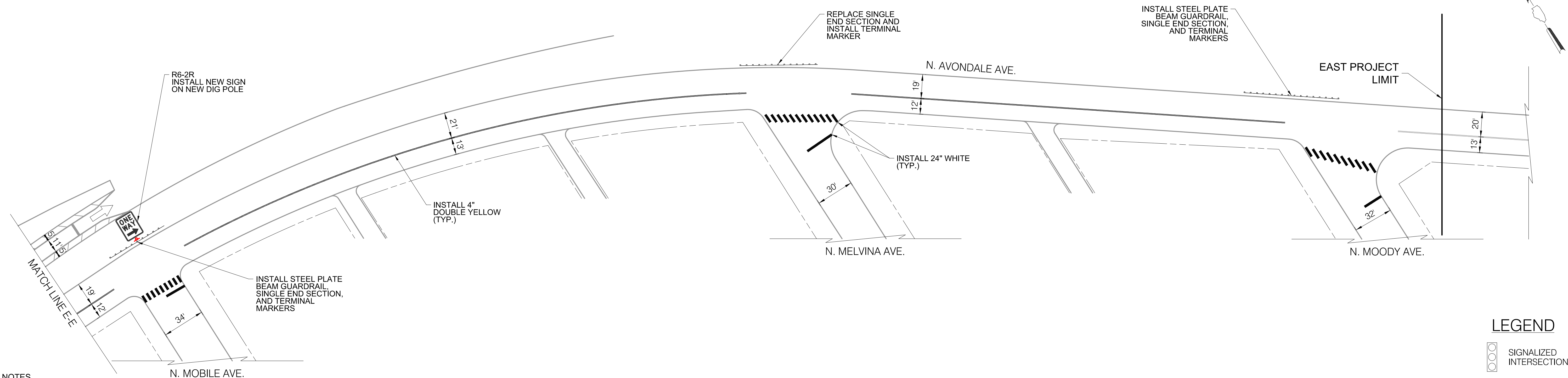
DATE: 01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



NOTES

1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION

LEGEND

- SIGNALIZED INTERSECTION
- ALL-WAY STOP
- ONE-WAY STREET



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

W. GREGORY STREET/  
N. AVONDALE AVENUE  
N. HARLEM AVE. TO N. MOODY AVE.

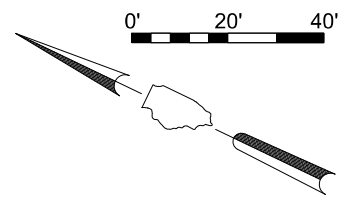
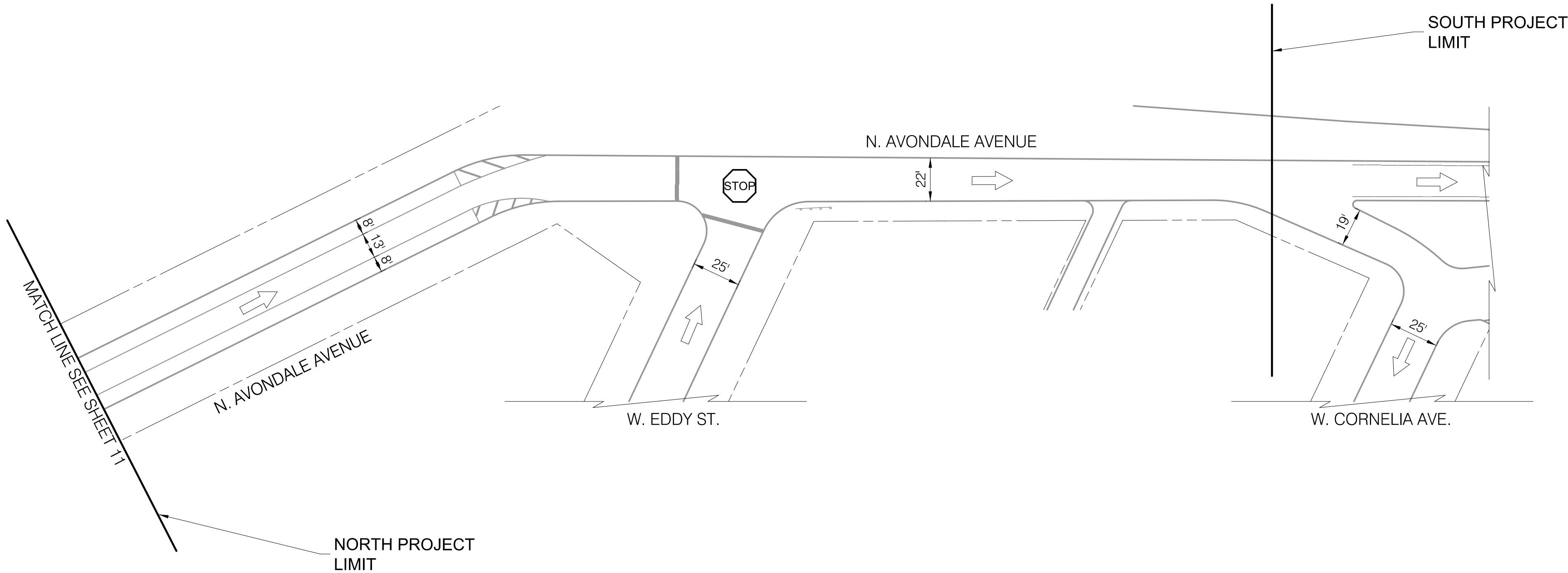
SCALE: 1" = 40'

SHEET NO.  
17

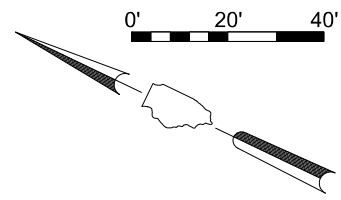
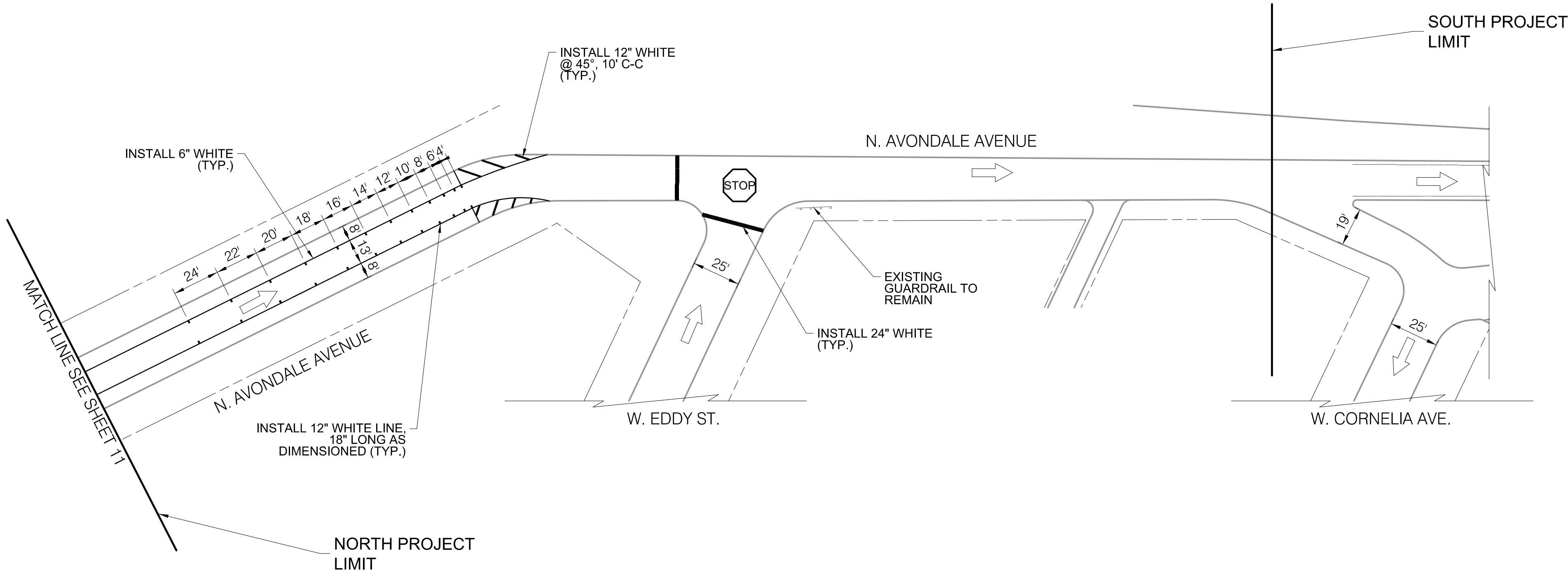
DATE: 01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



NOTES

- 1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
- 2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION

LEGEND

- SIGNALIZED INTERSECTION
- ALL-WAY STOP
- ONE-WAY STREET



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

N. AVONDALE AVENUE  
W. ADDISON ST. TO  
I-90/I-94 ENTRANCE RAMP

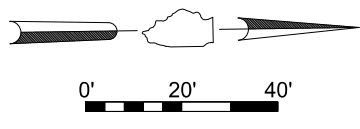
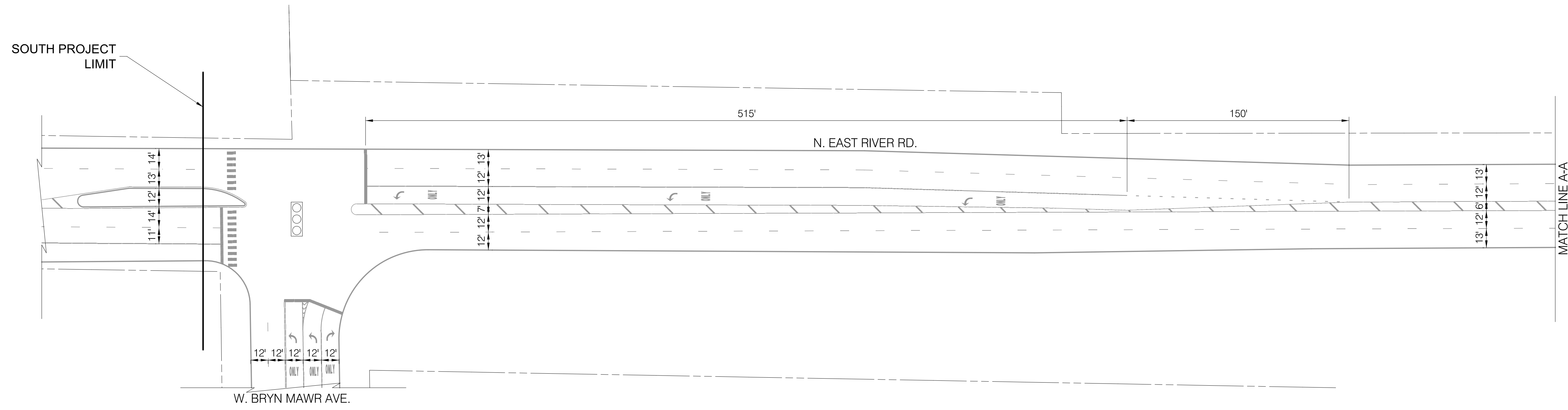
SCALE: 1" = 40'

SHEET NO.  
18

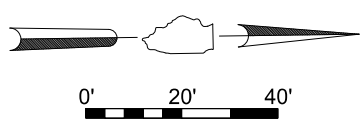
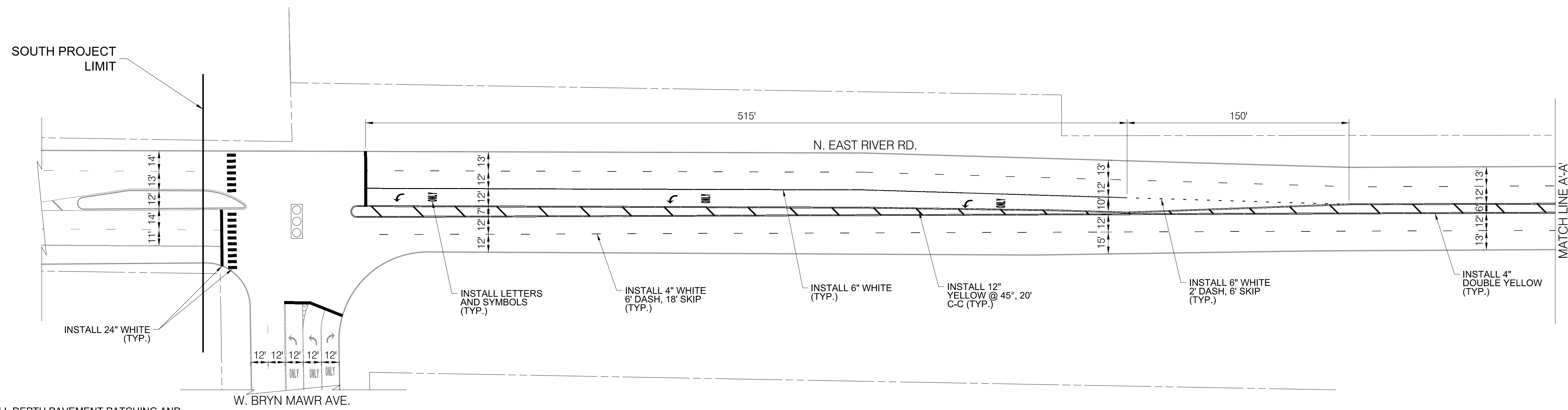
DATE: 01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



- NOTES**
- 1. SCOPE OF WORK IS FULL DEPTH PAVEMENT PATCHING AND RESTRIPING OF THE ENTIRE ROADWAY.
  - 2. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C.
  - 3. ALL PAVEMENT MARKING INSTALLED ARE TO BE POLYUREA UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION

LEGEND

- SIGNALIZED INTERSECTION
- ALL-WAY STOP
- ONE-WAY STREET



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

N. EAST RIVER ROAD  
BRYN MAWR AVE. TO  
W. HIGGINS AVE.

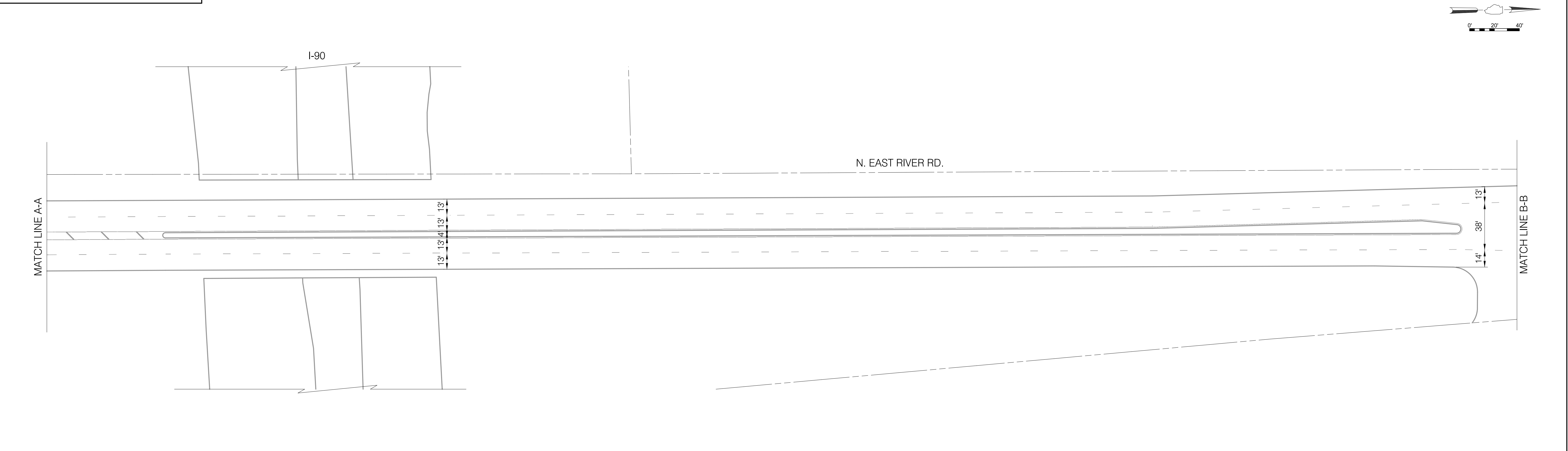
SCALE: 1" = 40'

SHEET NO.  
19

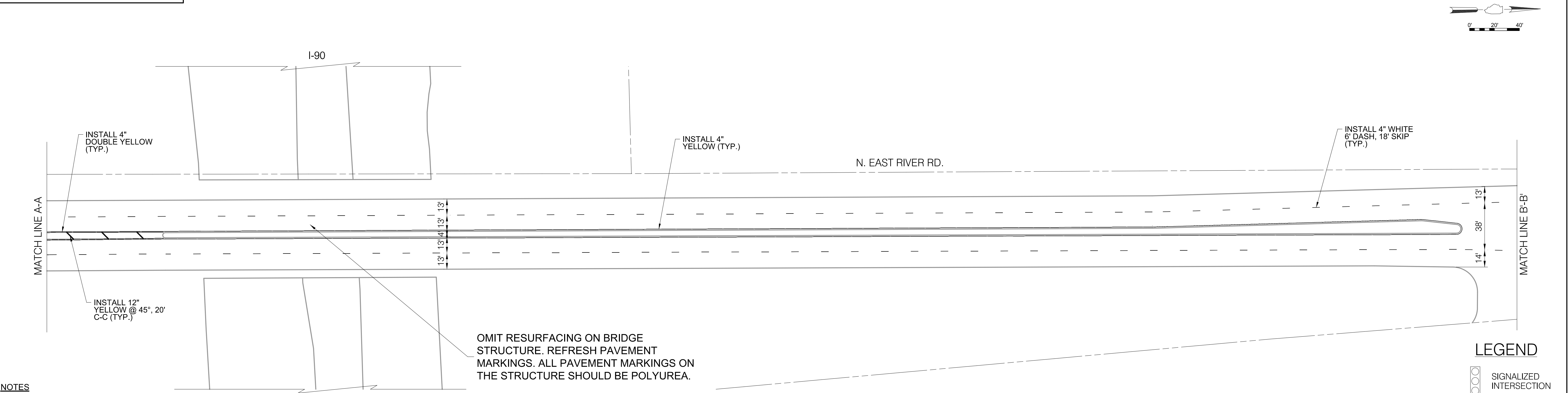
DATE: 01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



NOTES

1. SCOPE OF WORK IS FULL DEPTH PAVEMENT PATCHING AND RESTRIPIING OF THE ENTIRE ROADWAY.
2. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C.
3. ALL PAVEMENT MARKING INSTALLED ARE TO BE POLYUREA UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION

LEGEND

- SIGNALIZED INTERSECTION
- ALL-WAY STOP
- ONE-WAY STREET



REVISIONS				
NO.	BY	DATE	DESCRIPTION	

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

N. EAST RIVER ROAD  
BRYN MAWR AVE. TO  
W. HIGGINS AVE.

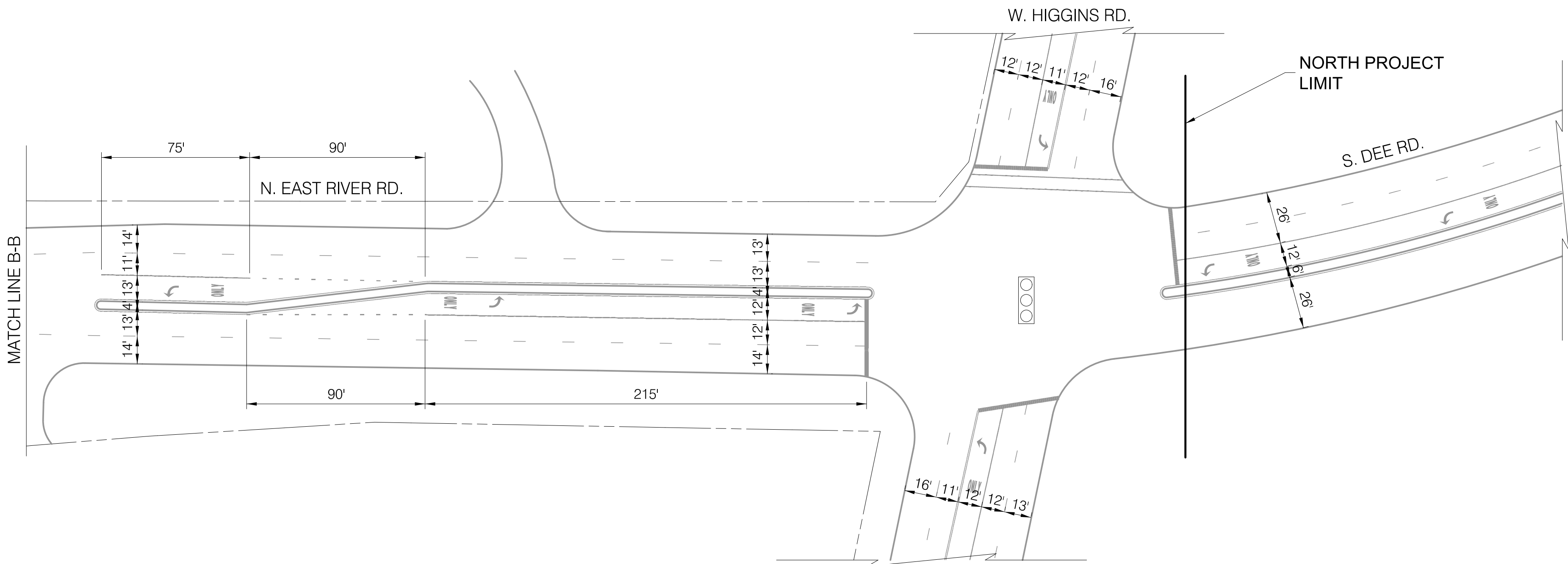
SCALE: 1" = 40'

SHEET NO.  
20

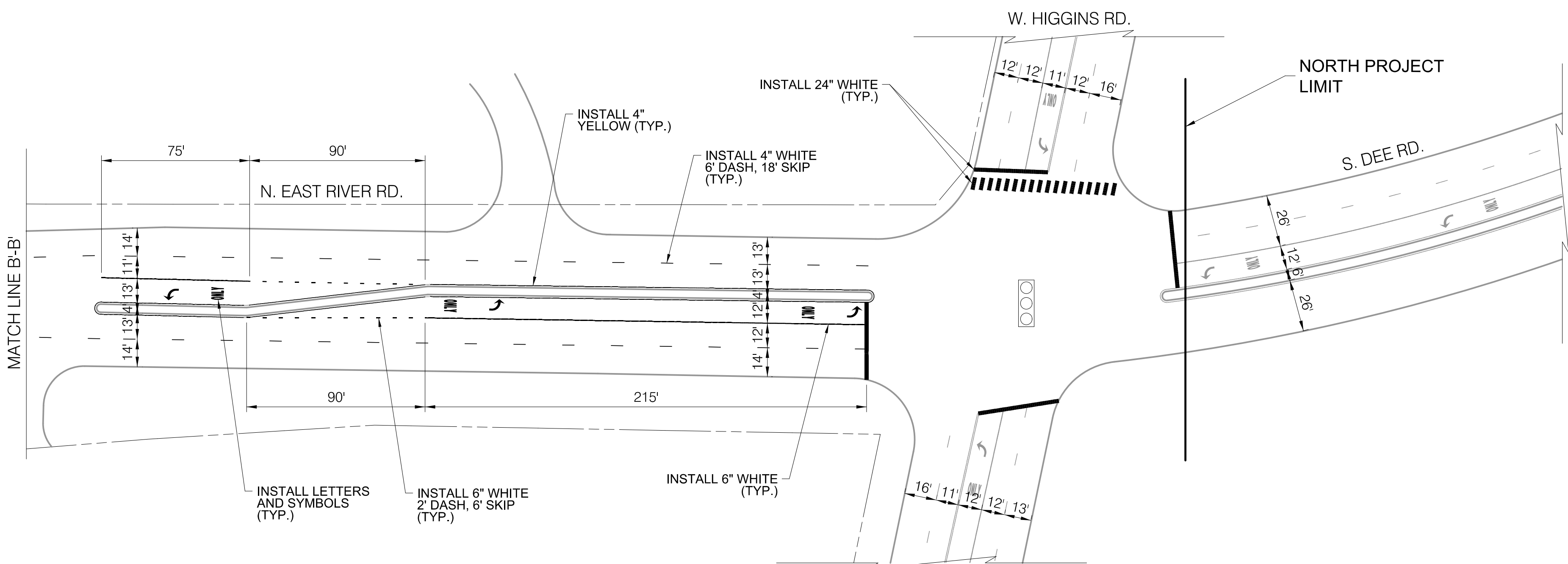
DATE: 01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



- NOTES**
- 1. SCOPE OF WORK IS FULL DEPTH PAVEMENT PATCHING AND RESTRIPIING OF THE ENTIRE ROADWAY.
  - 2. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C.
  - 3. ALL PAVEMENT MARKING INSTALLED ARE TO BE POLYUREA UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION

**LEGEND**

- SIGNALIZED INTERSECTION
- ALL-WAY STOP
- ONE-WAY STREET



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

N. EAST RIVER ROAD  
BRYN MAWR AVE. TO  
W. HIGGINS AVE.

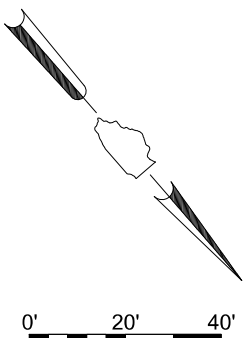
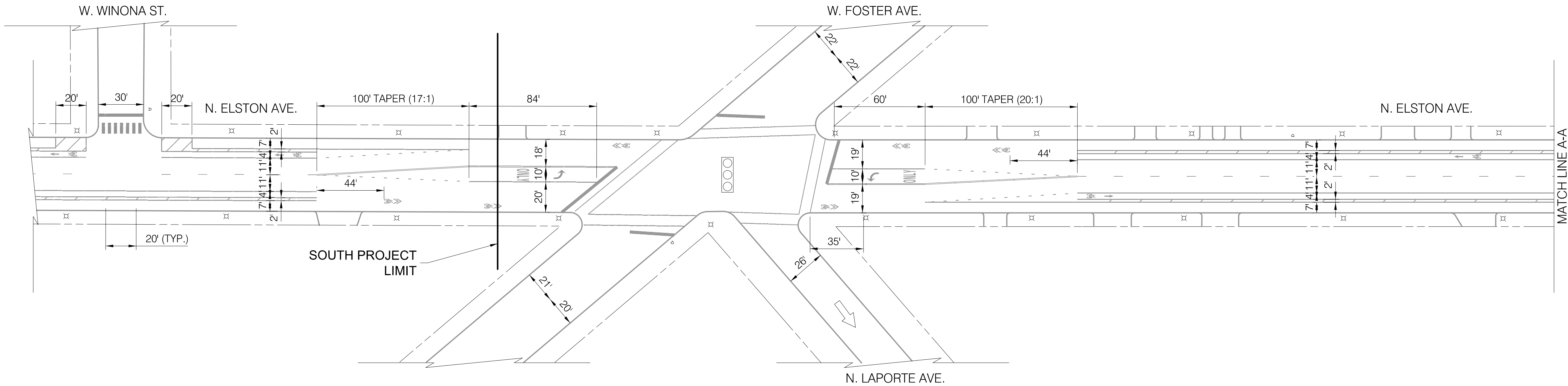
SCALE: 1" = 40'

SHEET NO.  
21

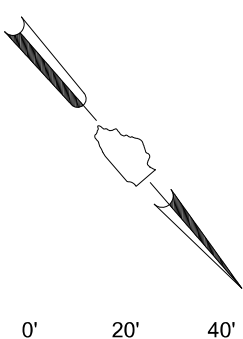
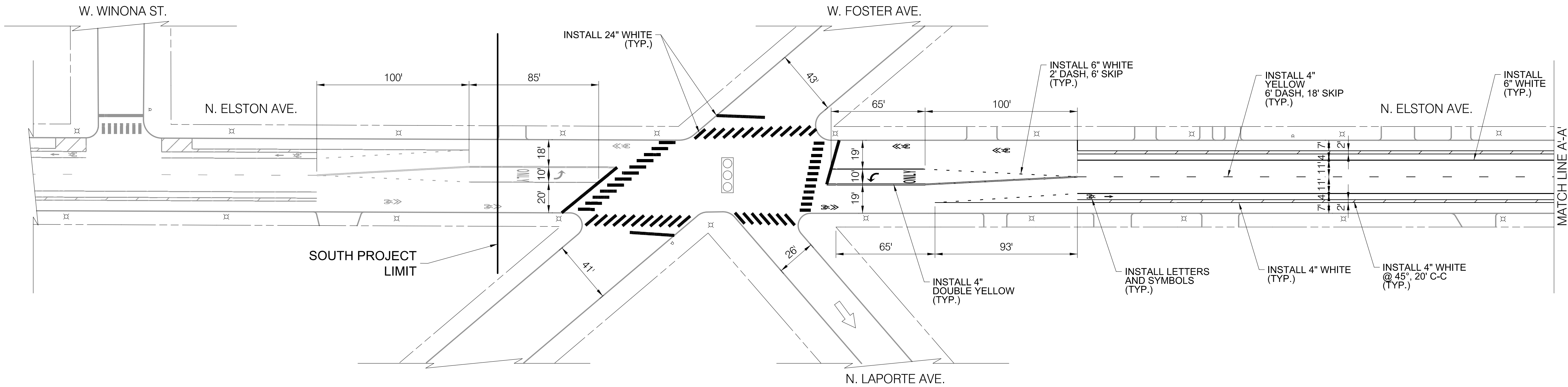
DATE: 01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



- NOTES
- 1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
  - 2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION

LEGEND

- SIGNALIZED INTERSECTION
- ALL-WAY STOP
- ONE-WAY STREET



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

N. ELSTON AVENUE  
N. MELVINA AVE. TO W. FOSTER AVE.

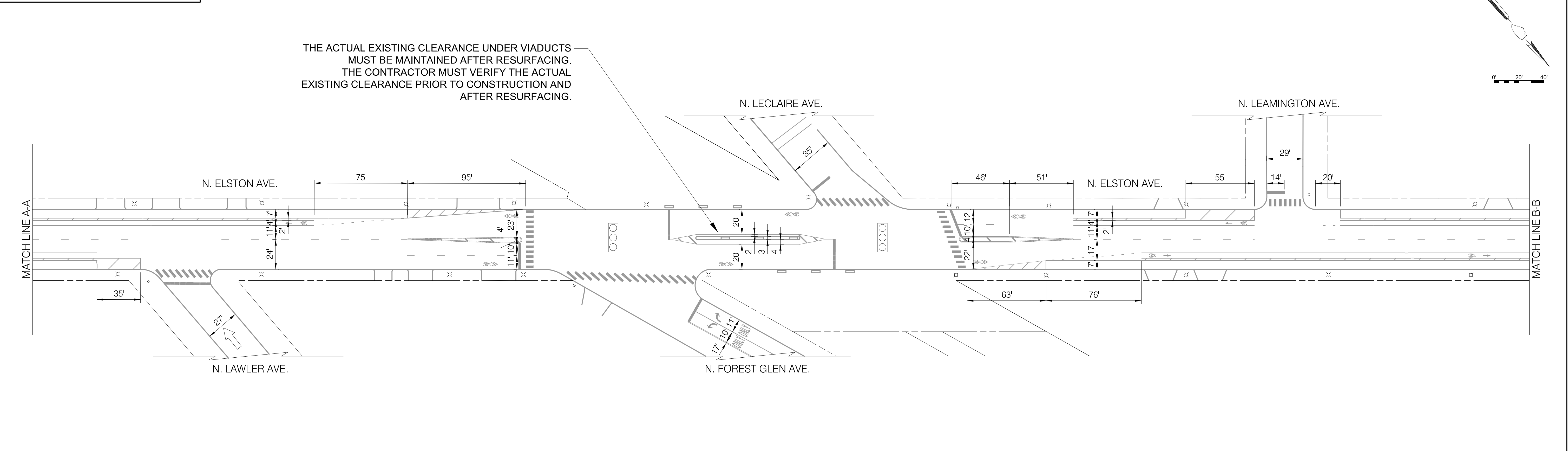
SCALE: 1" = 40'

SHEET NO.  
22

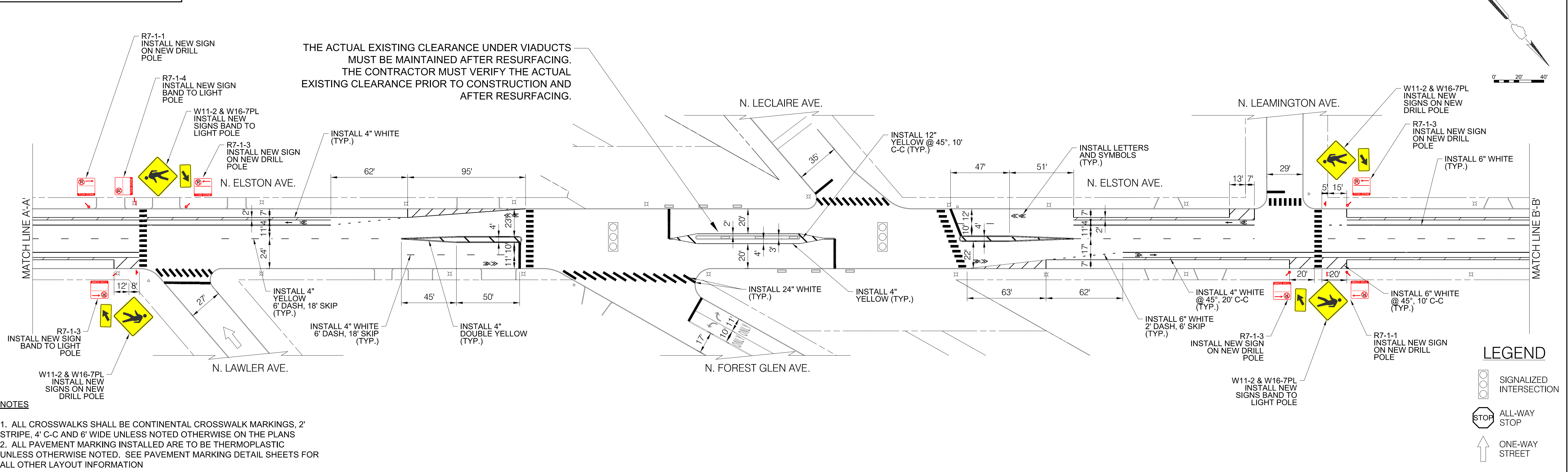
DATE: 01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

N. ELSTON AVENUE  
N. MELVINA AVE. TO W. FOSTER AVE.

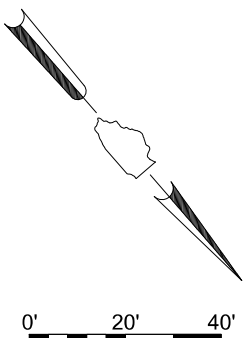
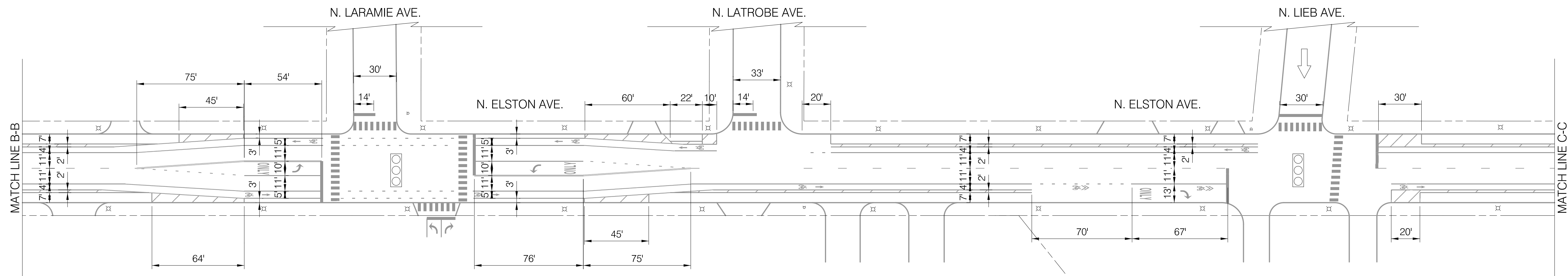
SCALE: 1" = 40'

SHEET NO.  
23

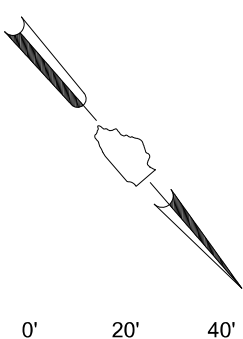
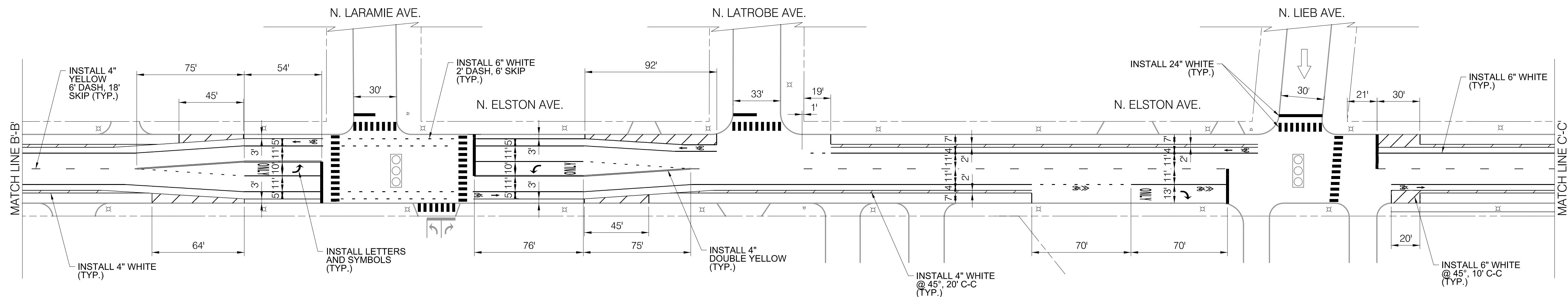
DATE: 01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



- NOTES
- 1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
  - 2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION

LEGEND

- SIGNALIZED INTERSECTION
- ALL-WAY STOP
- ONE-WAY STREET



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

N. ELSTON AVENUE  
N. MELVINA AVE. TO W. FOSTER AVE.

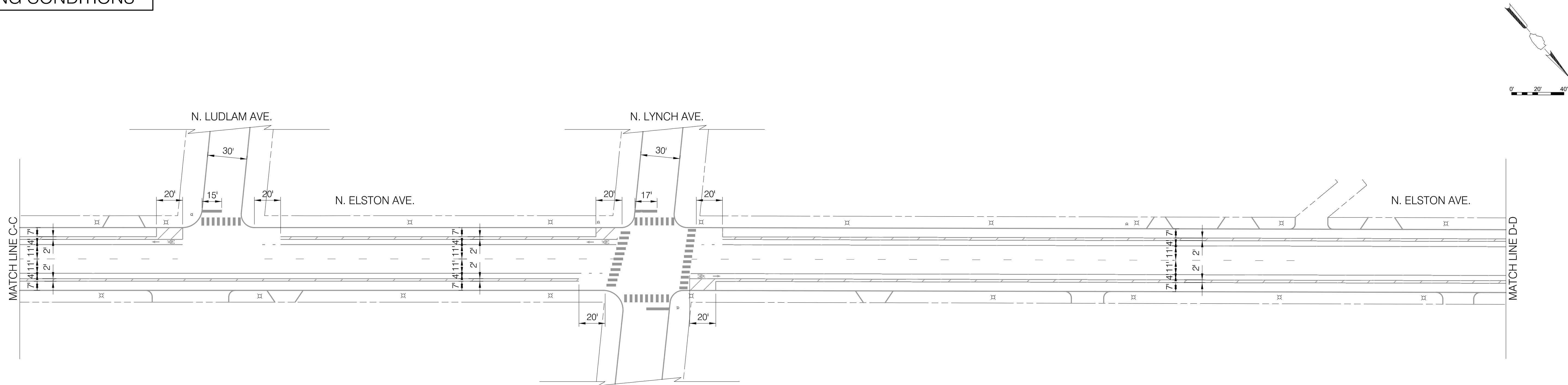
SCALE: 1" = 40'

SHEET NO.  
24

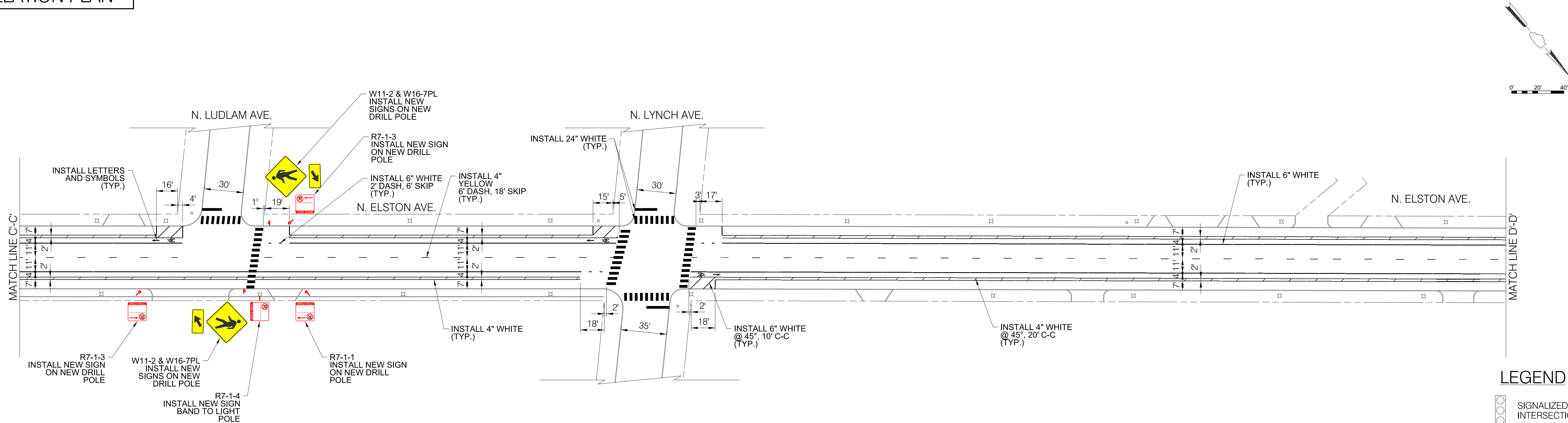
DATE: 01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



- NOTES
1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
  2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION

LEGEND

- SIGNALIZED INTERSECTION
- ALL-WAY STOP
- ONE-WAY STREET



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

N. ELSTON AVENUE  
N. MELVINA AVE. TO W. FOSTER AVE.

SCALE: 1" = 40'

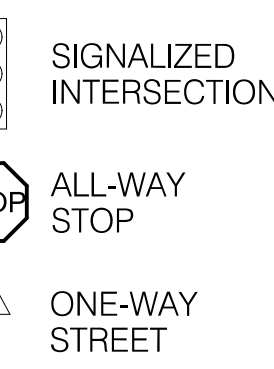
SHEET NO.  
25

DATE: 01/12/18





- ### LEGEND



2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

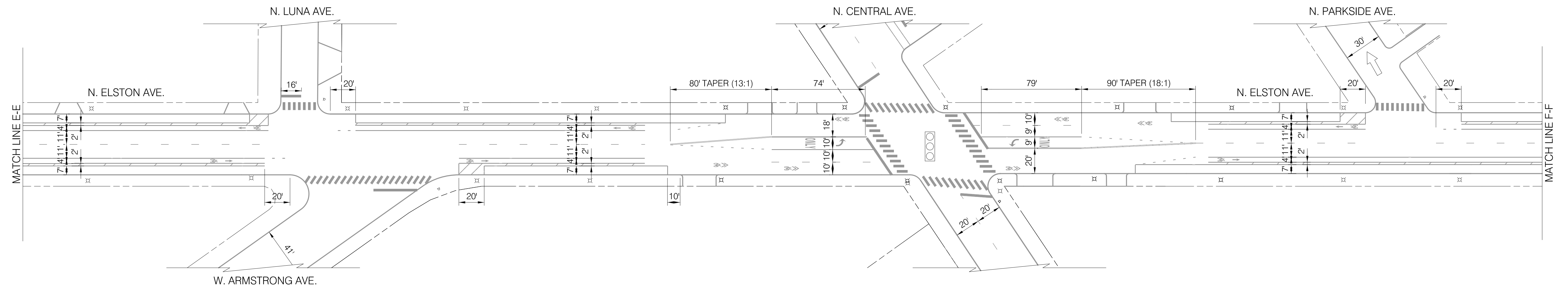
N. ELSTON AVENUE  
N. MELVINA AVE. TO W. FOSTER AVE.

SHEET NO.  
26

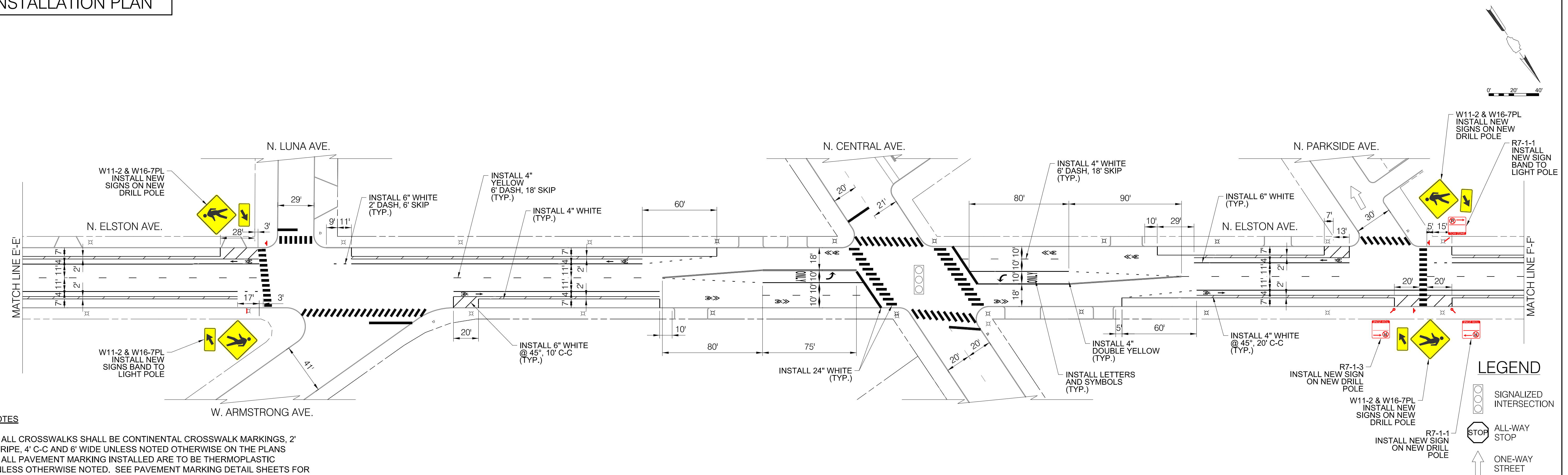
DATE:01/12/18



## EXISTING CONDITIONS



## INSTALLATION PLAN



## NOTES

1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

N. ELSTON AVENUE  
N. MELVINA AVE. TO W. FOSTER AVE.

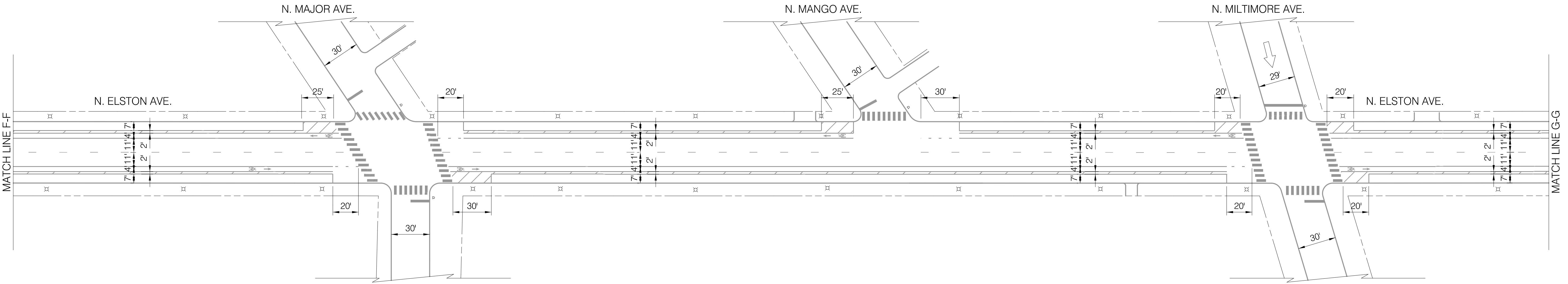
SCALE: 1" = 40'

SHEET NO.  
27

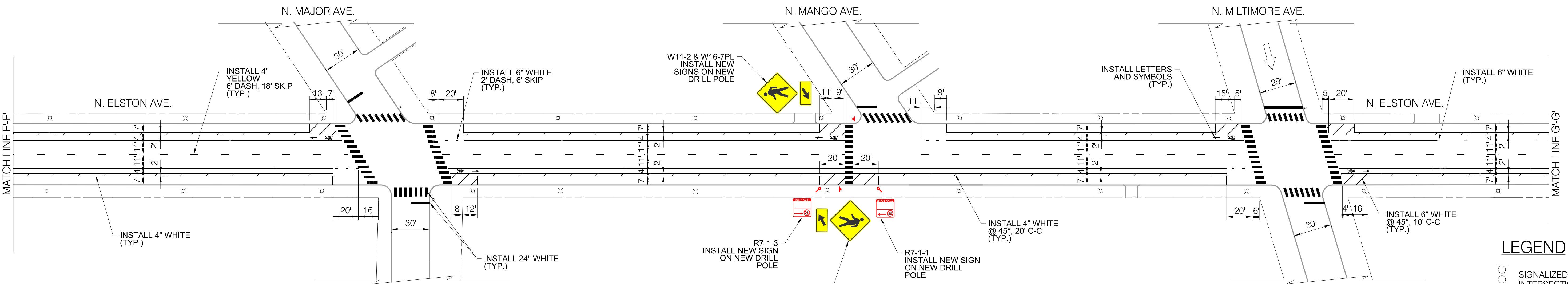
DATE:01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



- NOTES
1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
  2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION

LEGEND

- SIGNALIZED INTERSECTION
- ALL-WAY STOP
- ONE-WAY STREET



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

N. ELSTON AVENUE  
N. MELVINA AVE. TO W. FOSTER AVE.

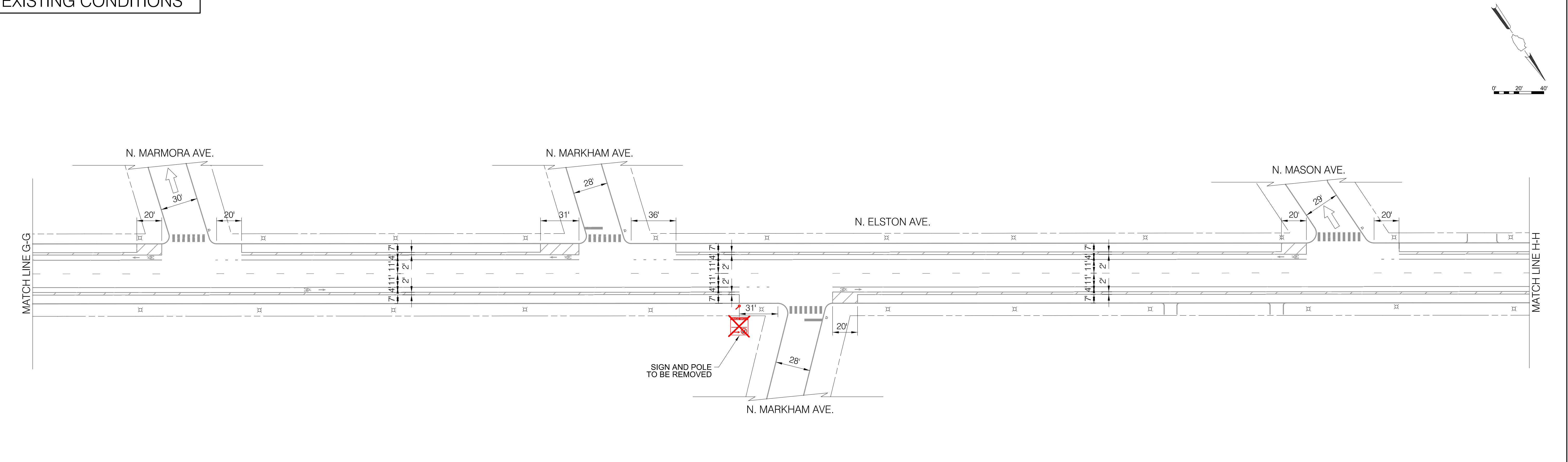
SCALE: 1" = 40'

SHEET NO.  
28

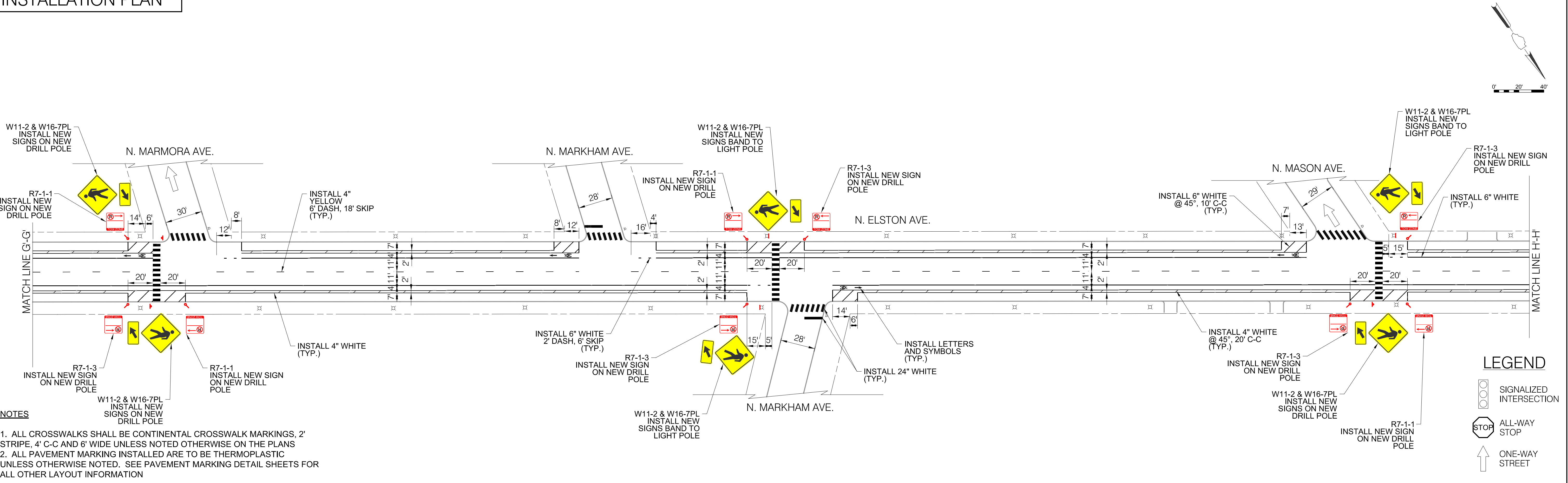
DATE: 01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

N. ELSTON AVENUE  
N. MELVINA AVE. TO W. FOSTER AVE.

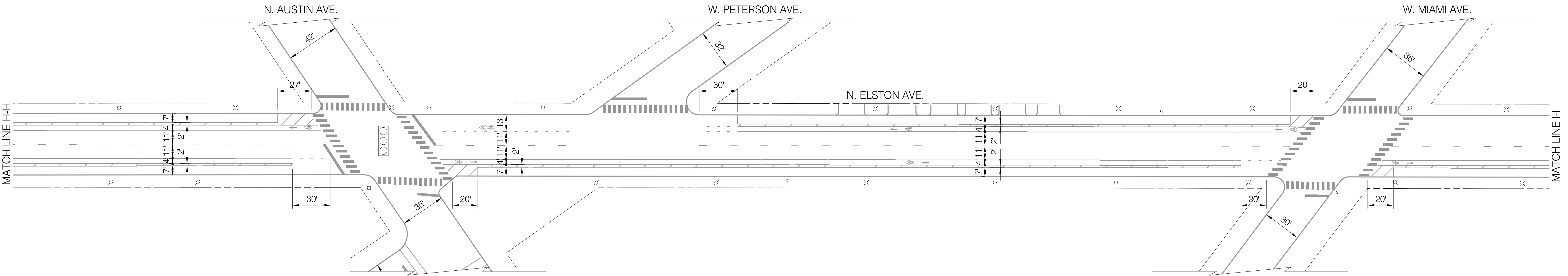
SCALE: 1" = 40'

SHEET NO.  
29

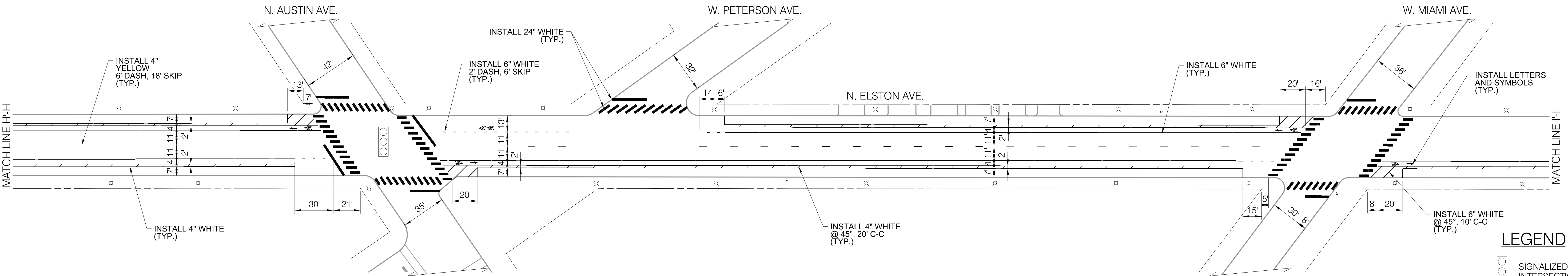
DATE: 01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



NOTES

1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

N. ELSTON AVENUE  
N. MELVINA AVE. TO W. FOSTER AVE.

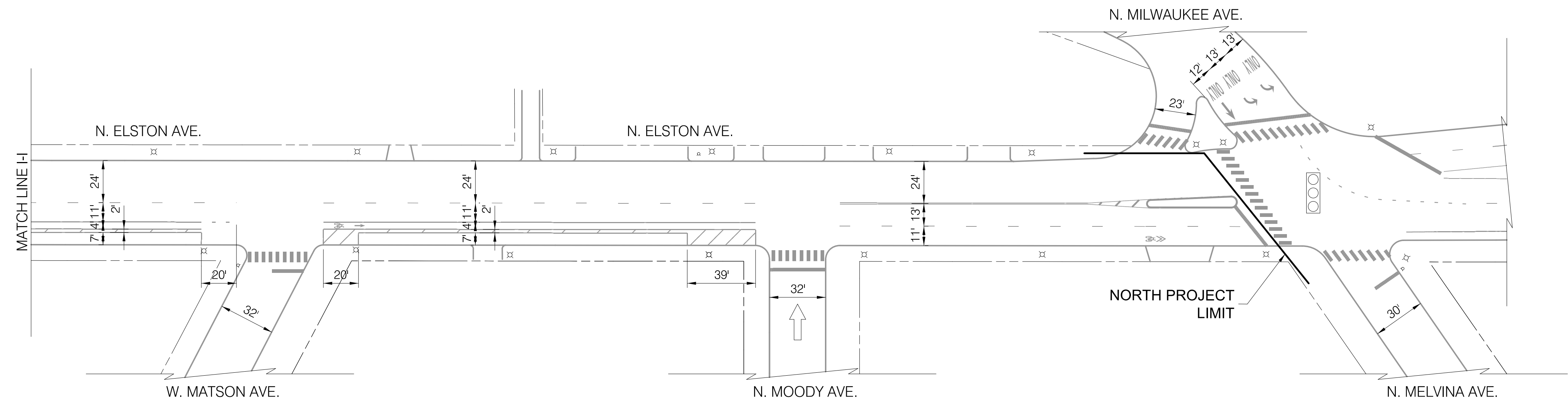
SCALE: 1" = 40'

SHEET NO.  
30

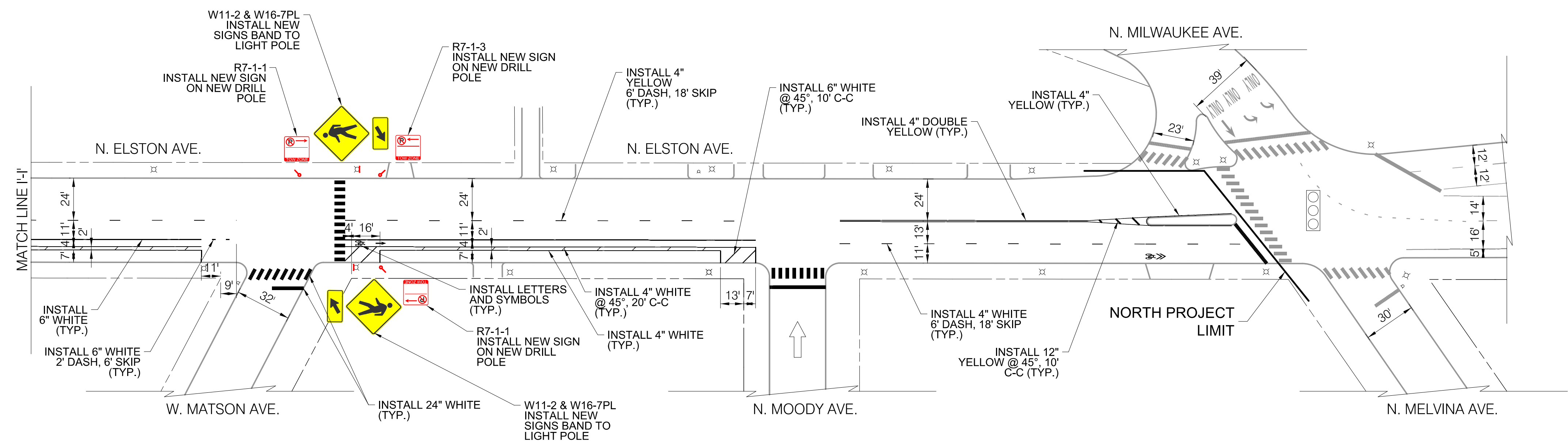
DATE: 01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN

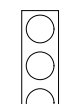




**NOTES**

1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS

2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION

LEGEND

-  SIGNALIZED INTERSECTION
-  ALL-WAY STOP
-  ONE-WAY STREET



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

N. ELSTON AVENUE  
N. MELVINA AVE. TO W. FOSTER AVE.

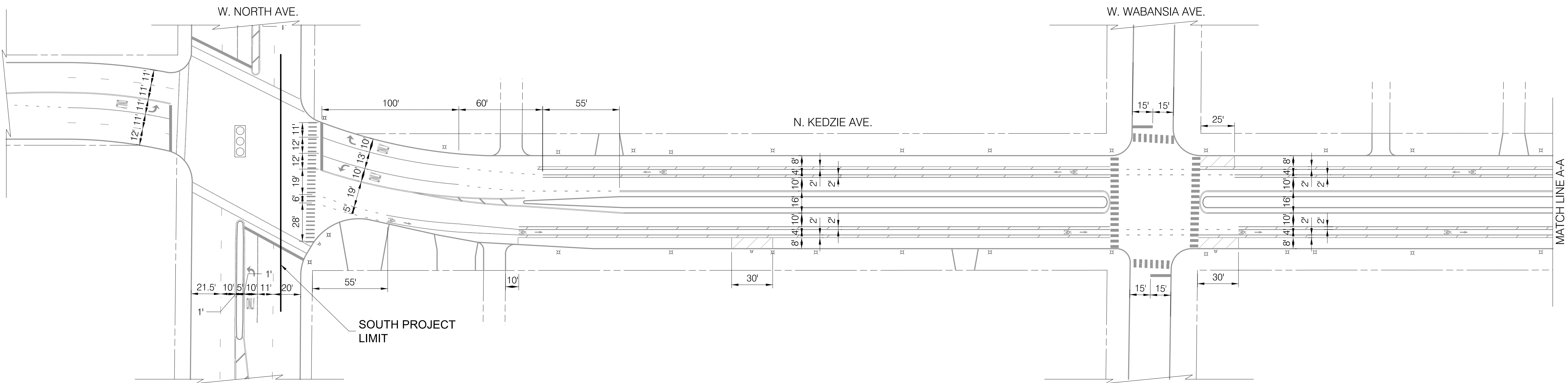
SCALE: 1" = 40'

SHEET NO.  
31

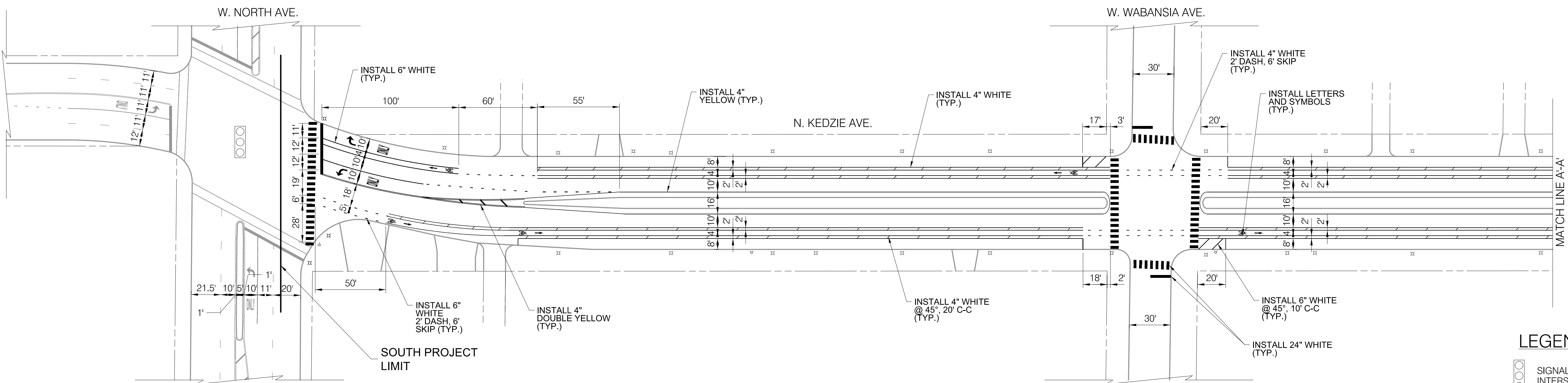
DATE: 01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



NOTES

- 1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
- 2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

N. KEDZIE BLVD.  
W. NORTH AVE. TO W. PALMER SQ.

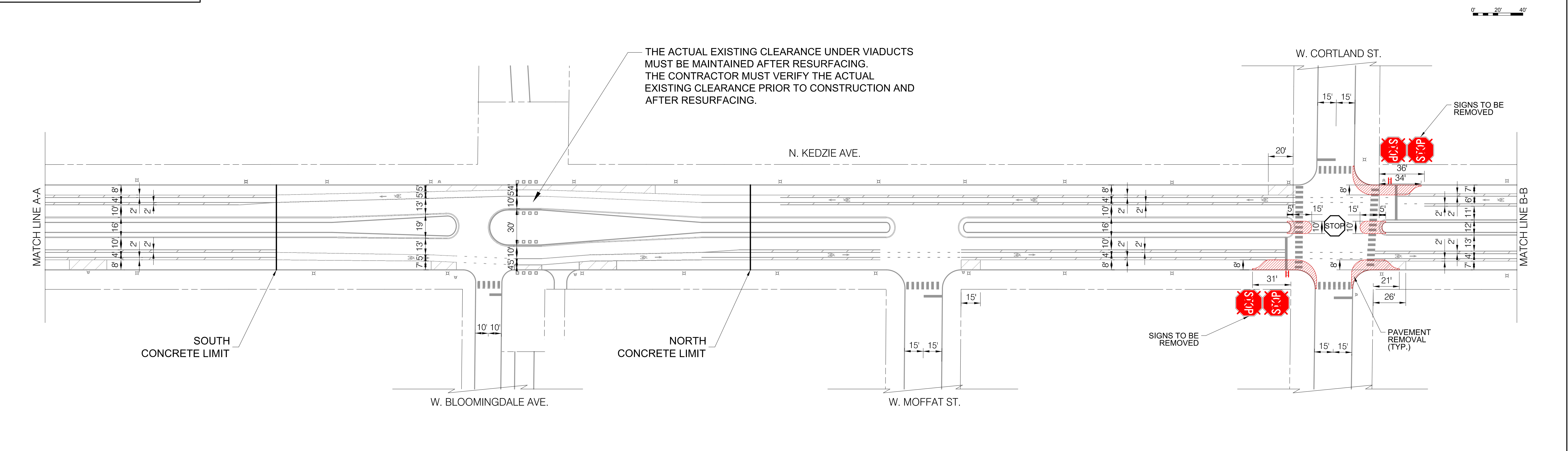
SCALE: 1" = 40'

SHEET NO.  
32

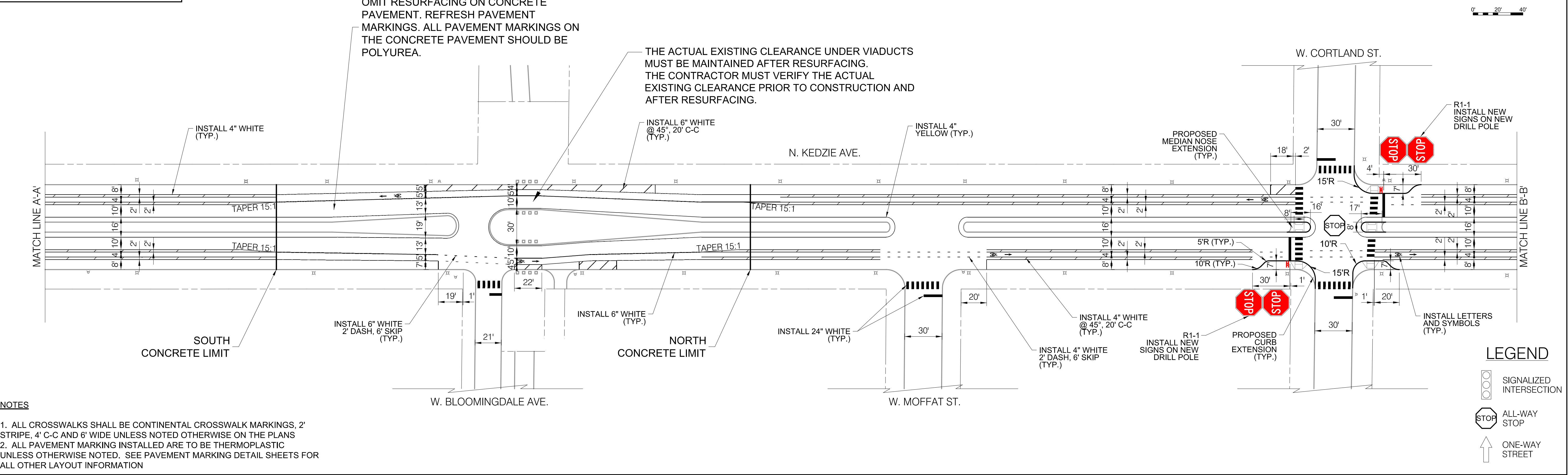
DATE: 01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

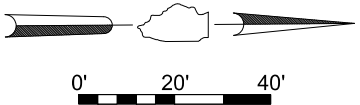
N. KEDZIE BLVD.  
W. NORTH AVE. TO W. PALMER SQ.

SCALE: 1" = 40'

SHEET NO.  
33

DATE: 01/12/18





INSTALL 4" WHITE (TYP.)

N. KEDZIE AVE.

105'

70'

19'

1'

18'

10'

20'

80'

55'

60'

85'

20'

30'

INSTALL 24" WHITE (TYP.)

W. ARMITAGE AVE.

W. HOMER ST.

W. MCLEAN AVE.

INSTALL 4" WHITE 2" DASH, 6" SKIP (TYP.)

30'

5'

15'

INSTALL 6" WHITE 2" DASH, 6" SKIP (TYP.)

70'

70'

INSTALL 6" WHITE (TYP.)

18'

10'

20'

20'

1'

INSTALL LETTERS AND SYMBOLS (TYP.)

INSTALL 6" WHITE @ 45°, 10' C-C (TYP.)

INSTALL 4" DOUBLE YELLOW (TYP.)

INSTALL 4" WHITE @ 45°, 20' C-C (TYP.)

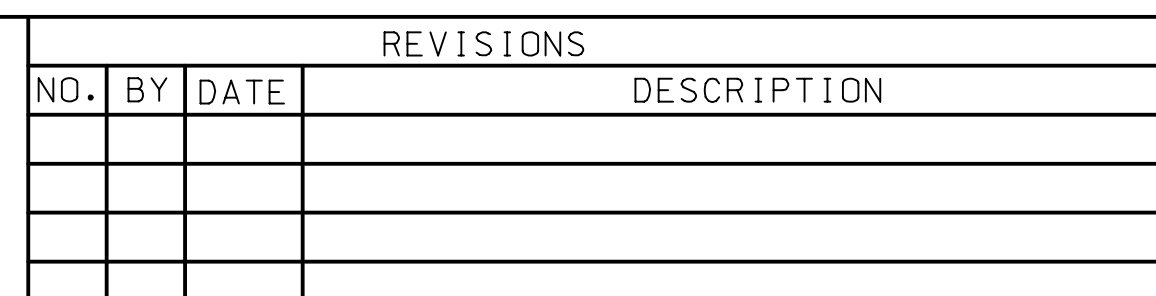
MATCH LINE B-B'

MATCH LINE C-C'

SIGNALIZED  
INTERSECTION

ALL-WAY  
STOP

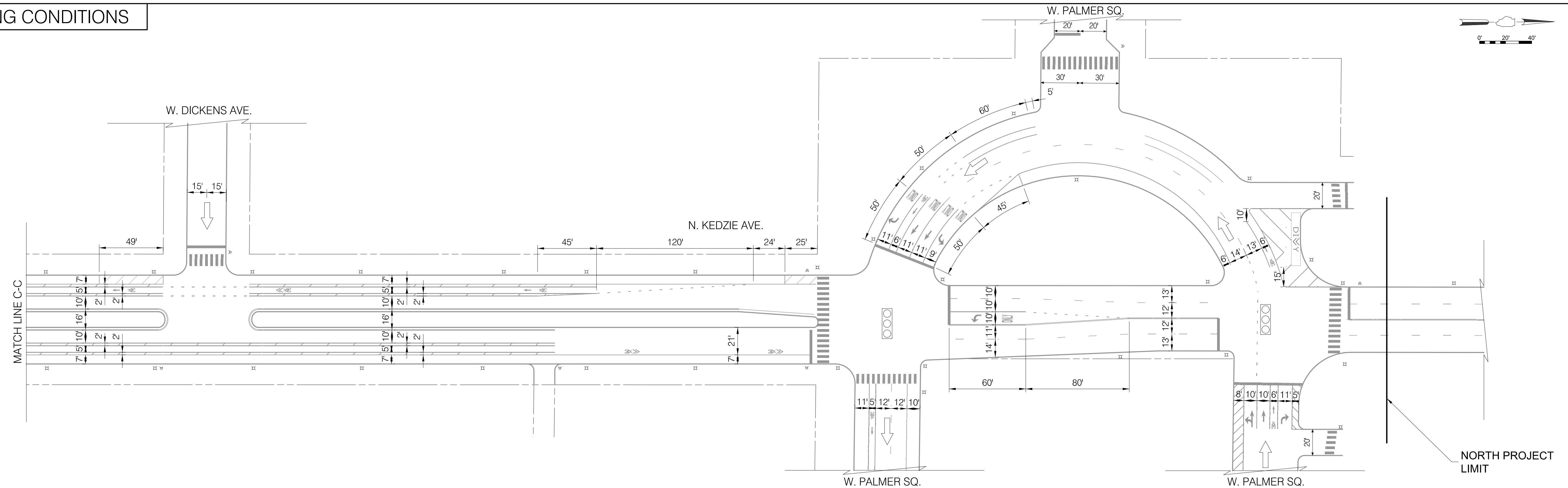
ONE-WAY  
STREET



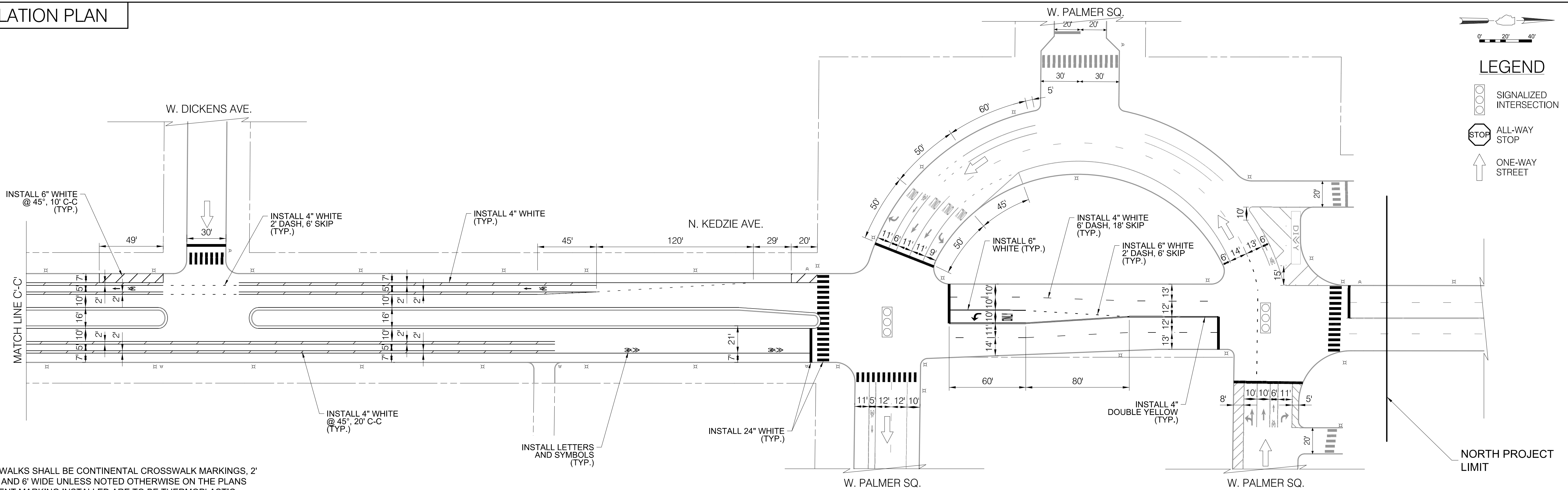
DATE:01/12/18



## EXISTING CONDITIONS



# INSTALLATION PLAN



## NOTES

1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS  
2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

N. KEDZIE BLVD.  
W. NORTH AVE. TO W. PALMER SQ.

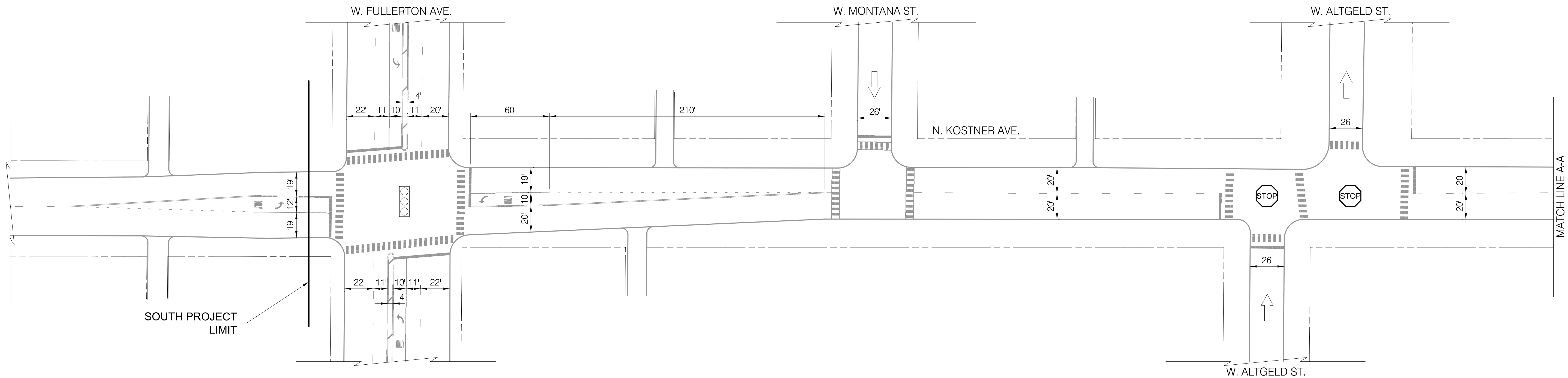
SCALE: 1" = 40'

SHEET NO.  
35

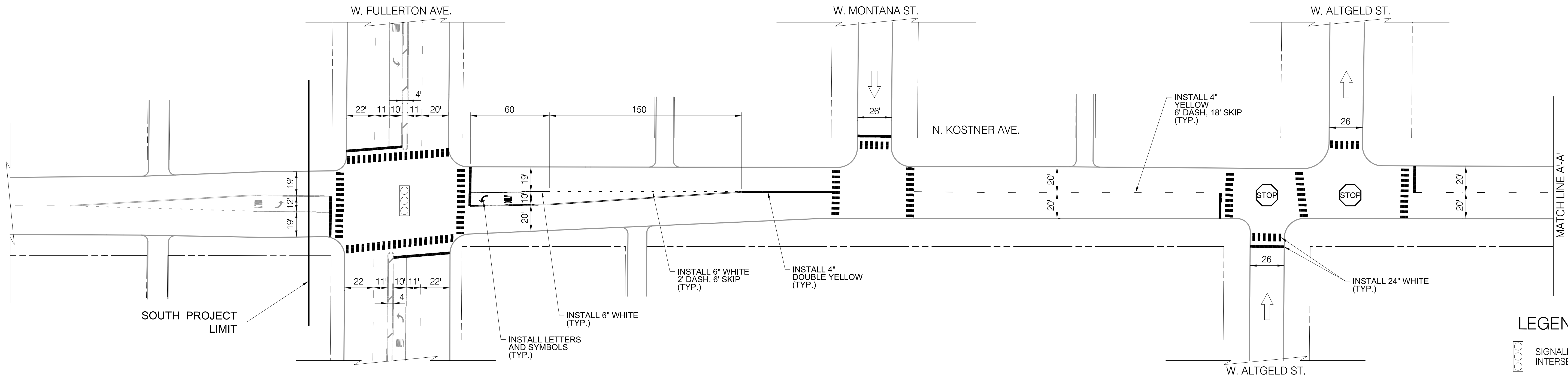
DATE:01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



NOTES

1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

N. KOSTNER AVENUE  
W. FULLERTON AVE. TO  
W. DIVERSEY AVE.

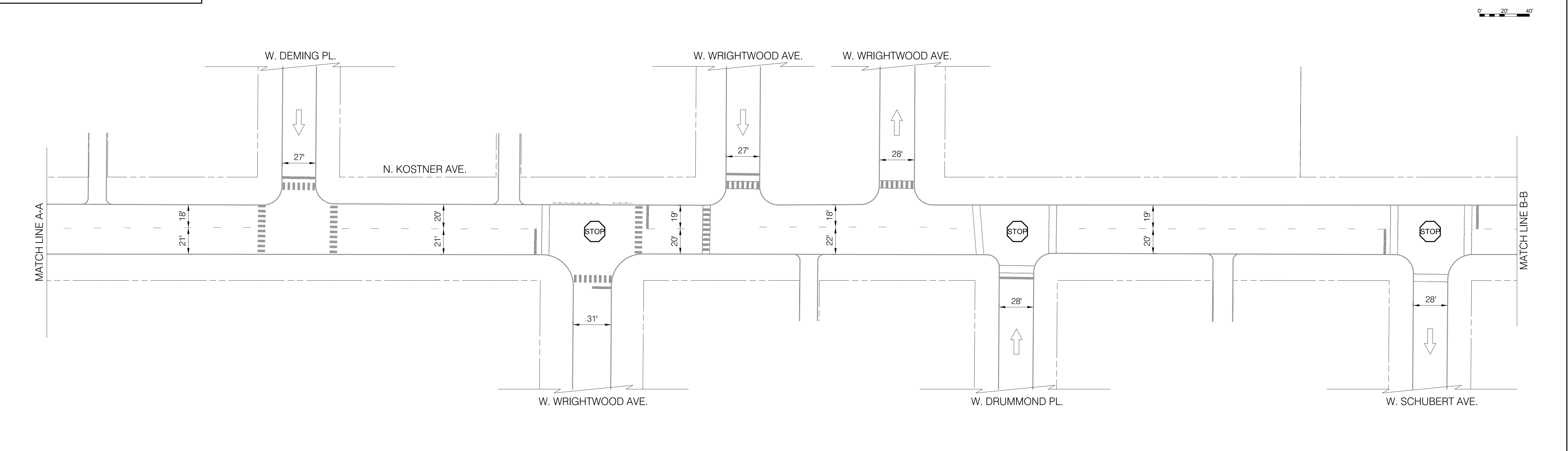
SCALE: 1" = 40'

SHEET NO.  
36

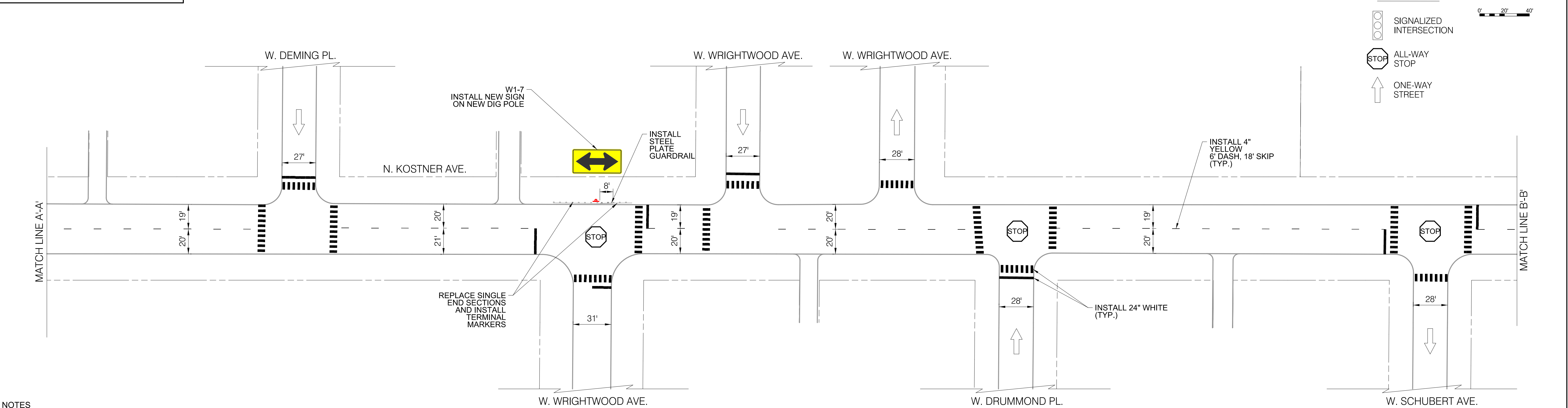
DATE: 01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



- NOTES
- 1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
  - 2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

N. KOSTNER AVENUE  
W. FULLERTON AVE. TO  
W. DIVERSEY AVE.

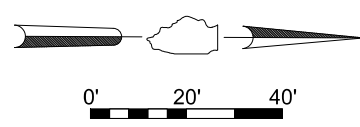
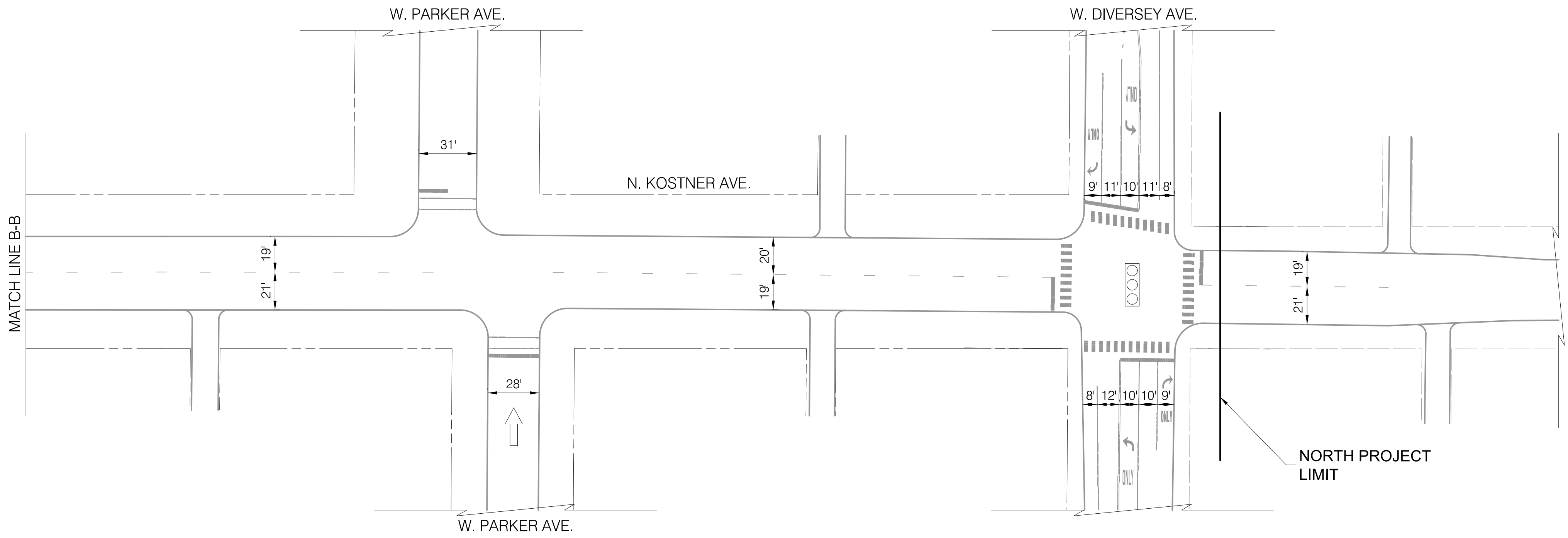
SCALE: 1" = 40'

SHEET NO.  
37

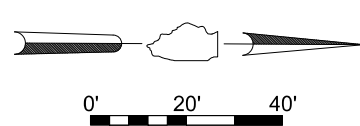
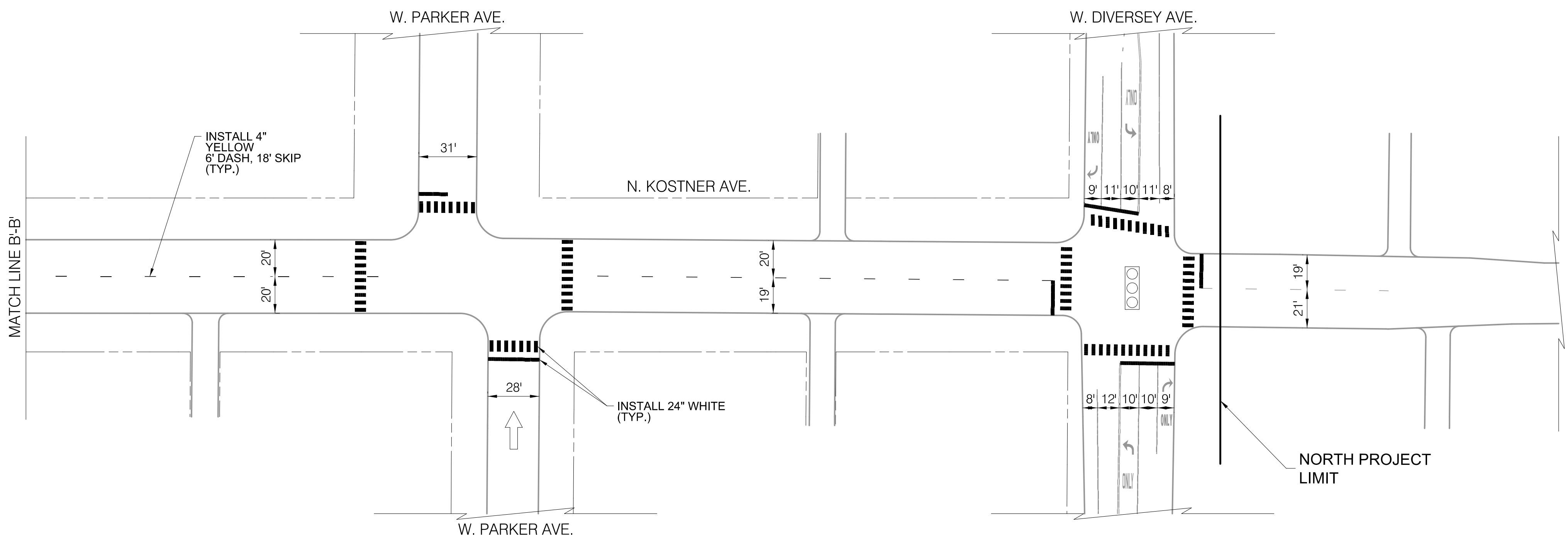
DATE: 01/12/18



EXISTING CONDITIONS

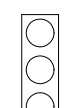




INSTALLATION PLAN



- NOTES
- 1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
  - 2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION

LEGEND

-  SIGNALIZED INTERSECTION
-  ALL-WAY STOP
-  ONE-WAY STREET



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

N. KOSTNER AVENUE  
W. FULLERTON AVE. TO  
W. DIVERSEY AVE.

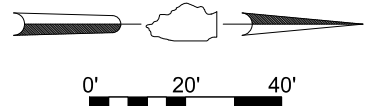
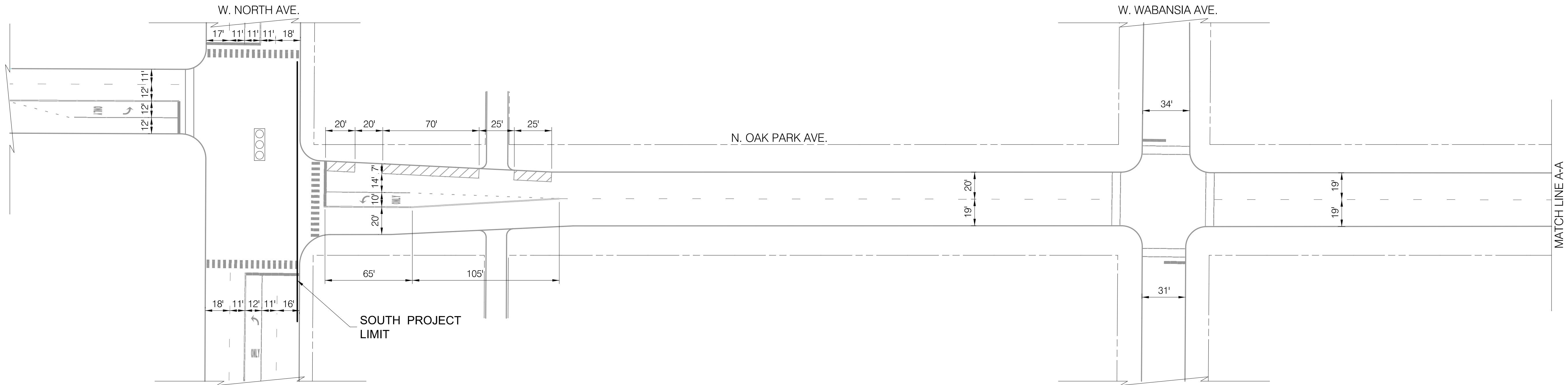
SCALE: 1" = 40'

SHEET NO.  
38

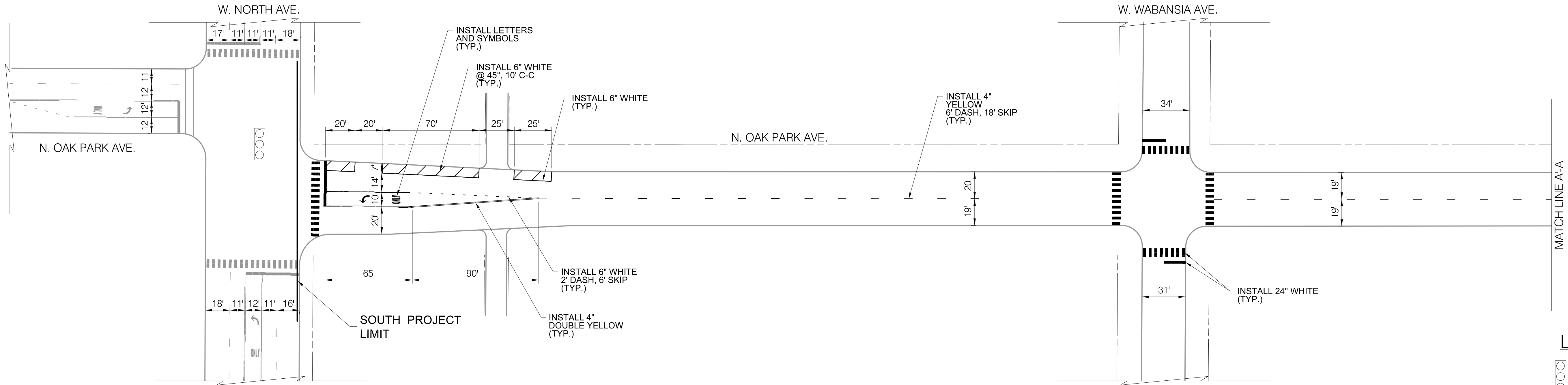
DATE: 01/12/18



EXISTING CONDITIONS






INSTALLATION PLAN



NOTES

1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION

LEGEND

-  SIGNALIZED INTERSECTION
-  ALL-WAY STOP
-  ONE-WAY STREET



REVISIONS				
NO.	BY	DATE	DESCRIPTION	

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

N. OAK PARK AVENUE  
W. NORTH AVE. TO  
W. ARMITAGE AVE.

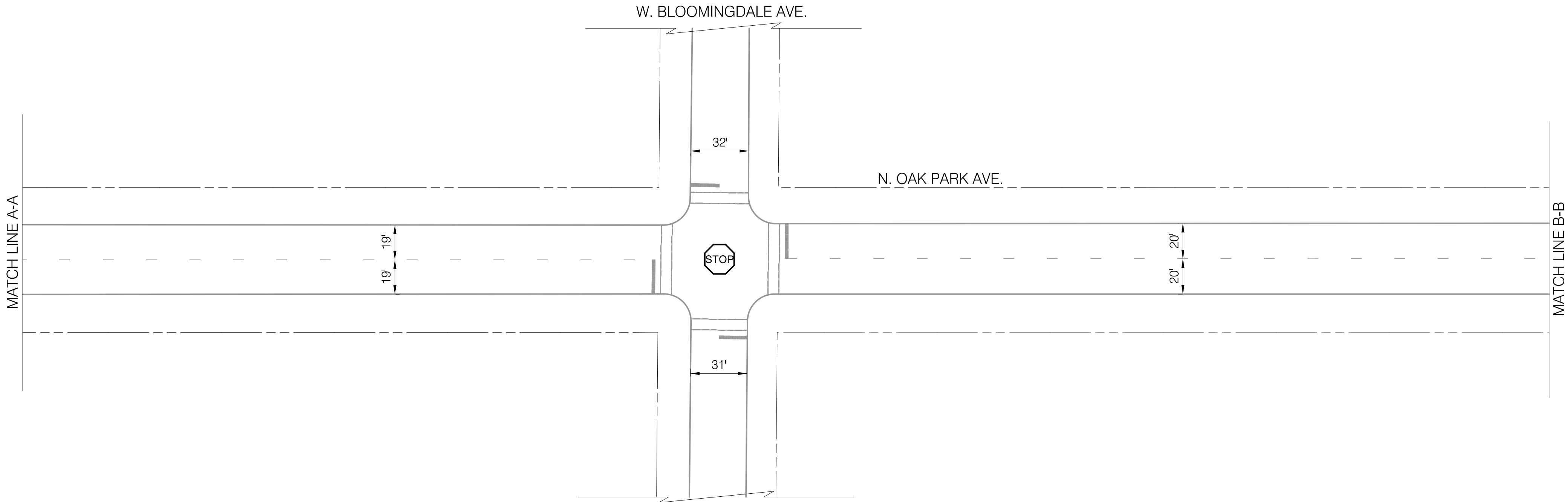
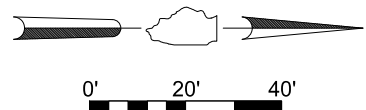
SCALE: 1" = 40'

SHEET NO.  
39

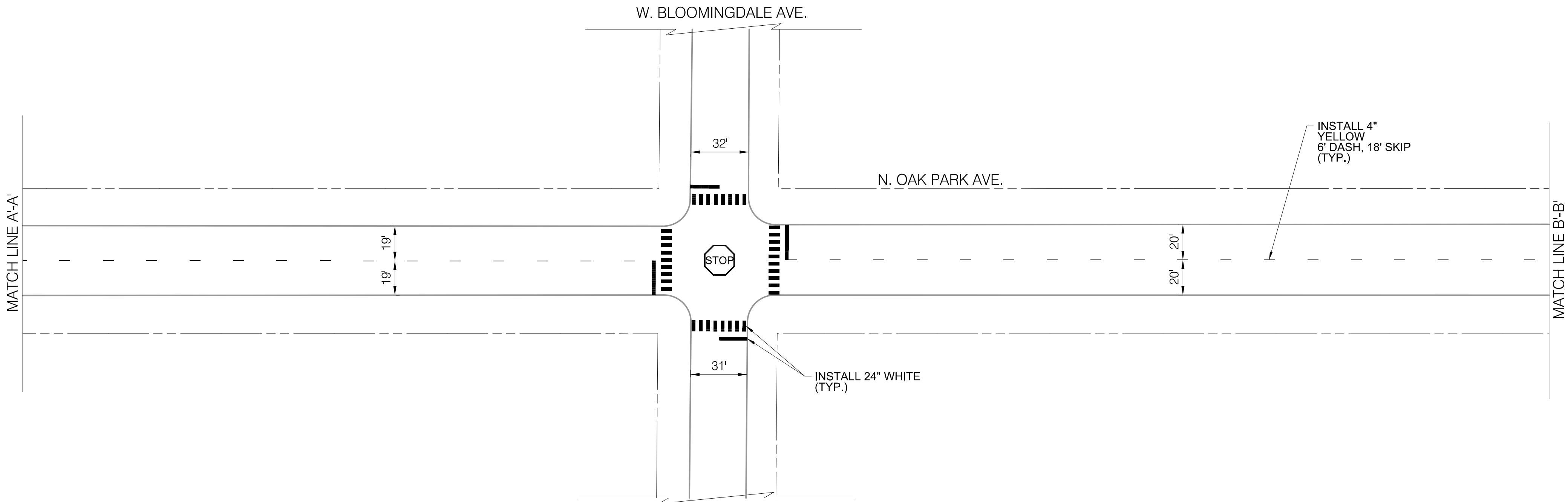
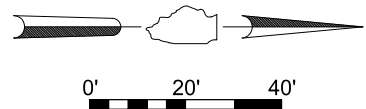
DATE: 01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



NOTES

1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION

LEGEND

- SIGNALIZED INTERSECTION
- ALL-WAY STOP
- ONE-WAY STREET



REVISIONS				
NO.	BY	DATE	DESCRIPTION	

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

N. OAK PARK AVENUE  
W. NORTH AVE. TO  
W. ARMITAGE AVE.

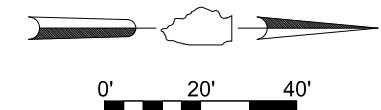
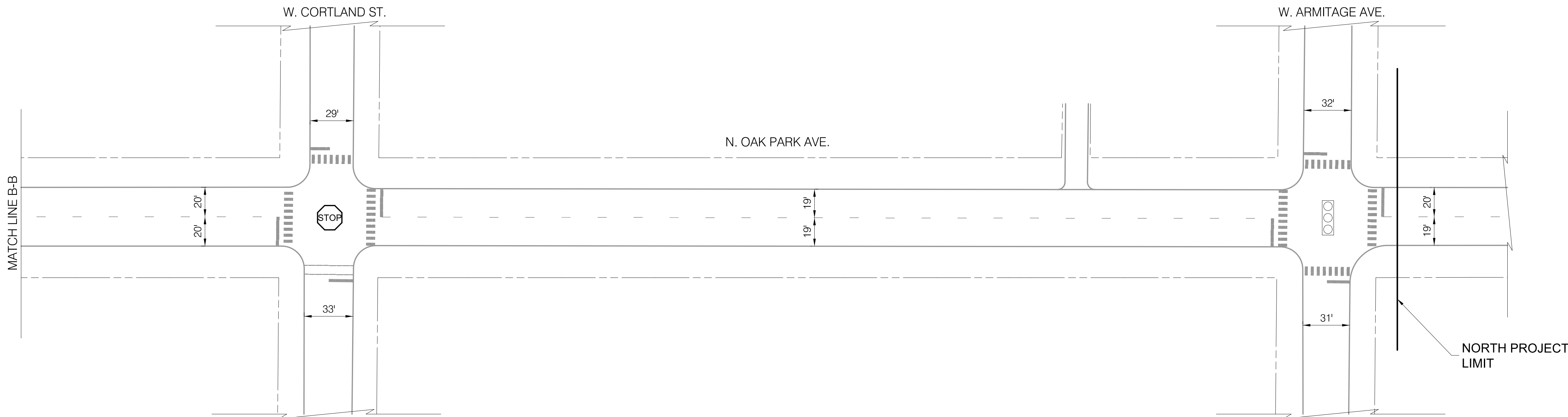
SCALE: 1" = 40'

SHEET NO.  
40

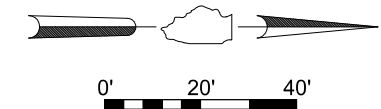
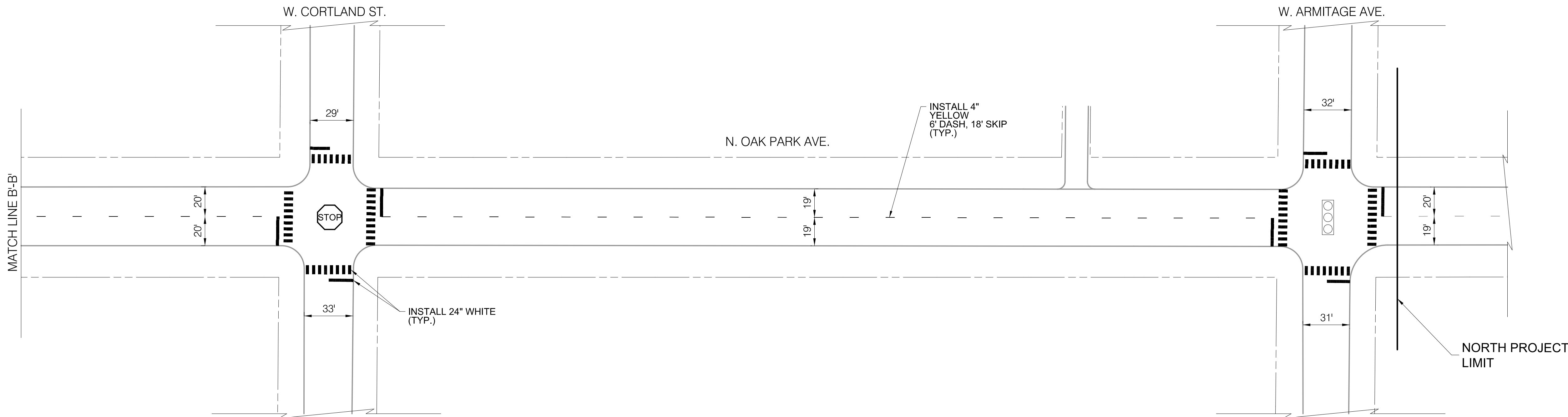
DATE: 01/12/18



EXISTING CONDITIONS



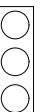


INSTALLATION PLAN



NOTES

1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION

LEGEND

-  SIGNALIZED INTERSECTION
-  ALL-WAY STOP
-  ONE-WAY STREET



REVISIONS				
NO.	BY	DATE	DESCRIPTION	

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

N. OAK PARK AVENUE  
W. NORTH AVE. TO  
W. ARMITAGE AVE.

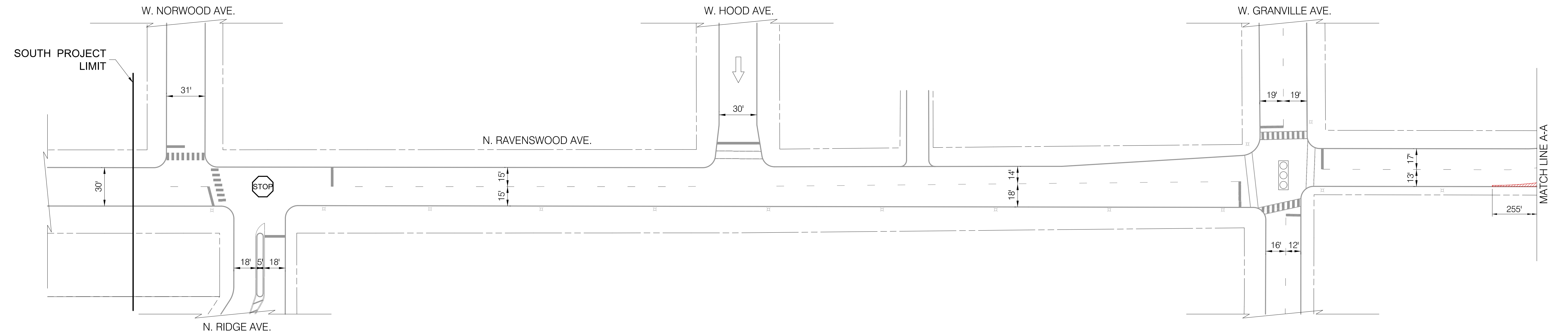
SCALE: 1" = 40'

SHEET NO.  
41

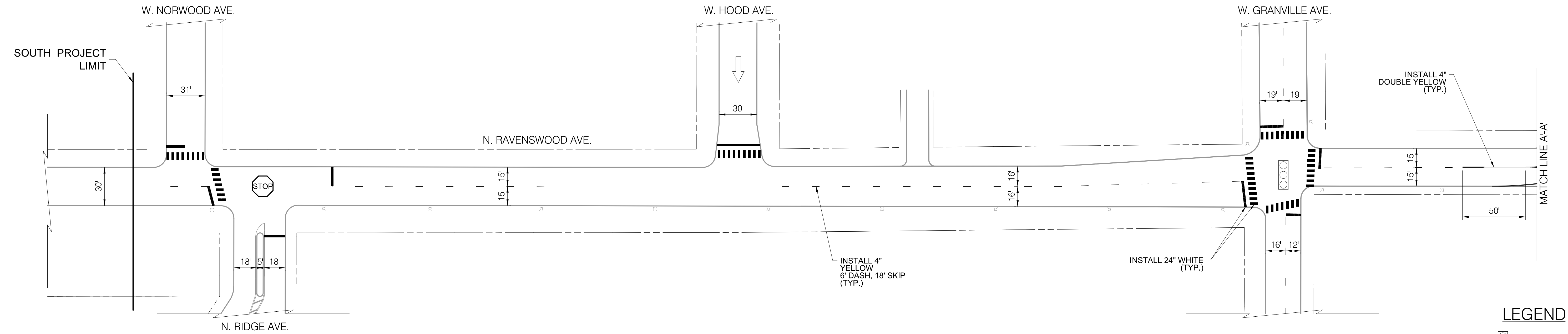
DATE: 01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



NOTES

1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

N. RIDGE BOULEVARD/  
N. RAVENSWOOD AVENUE  
W. NORWOOD ST. TO W. DEVON AVE.

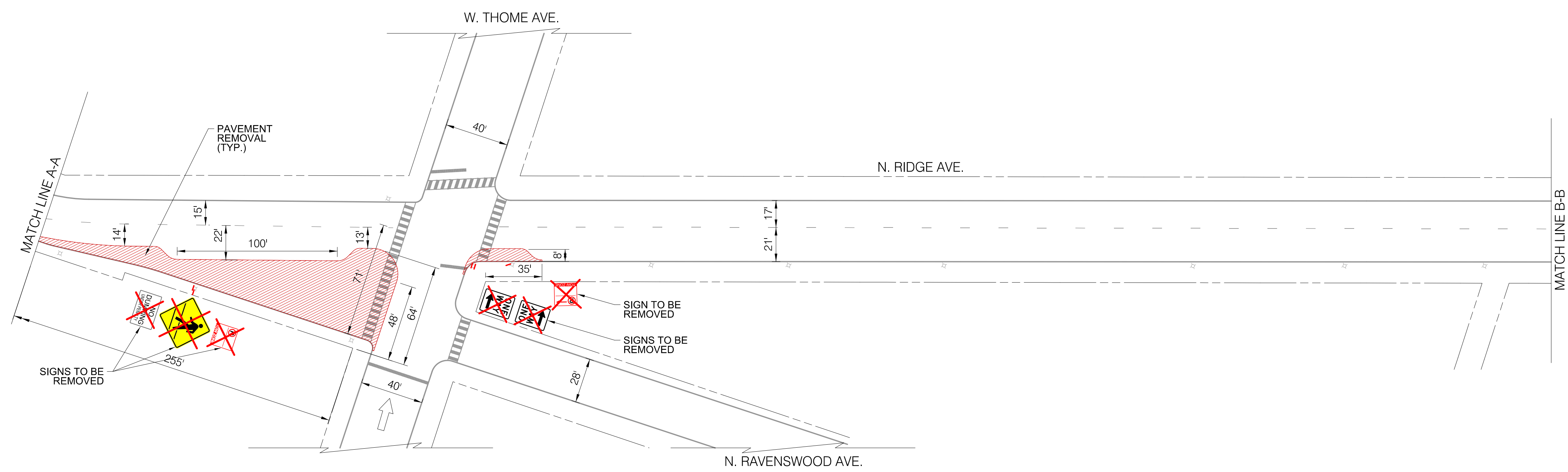
SCALE: 1" = 40'

SHEET NO.  
42

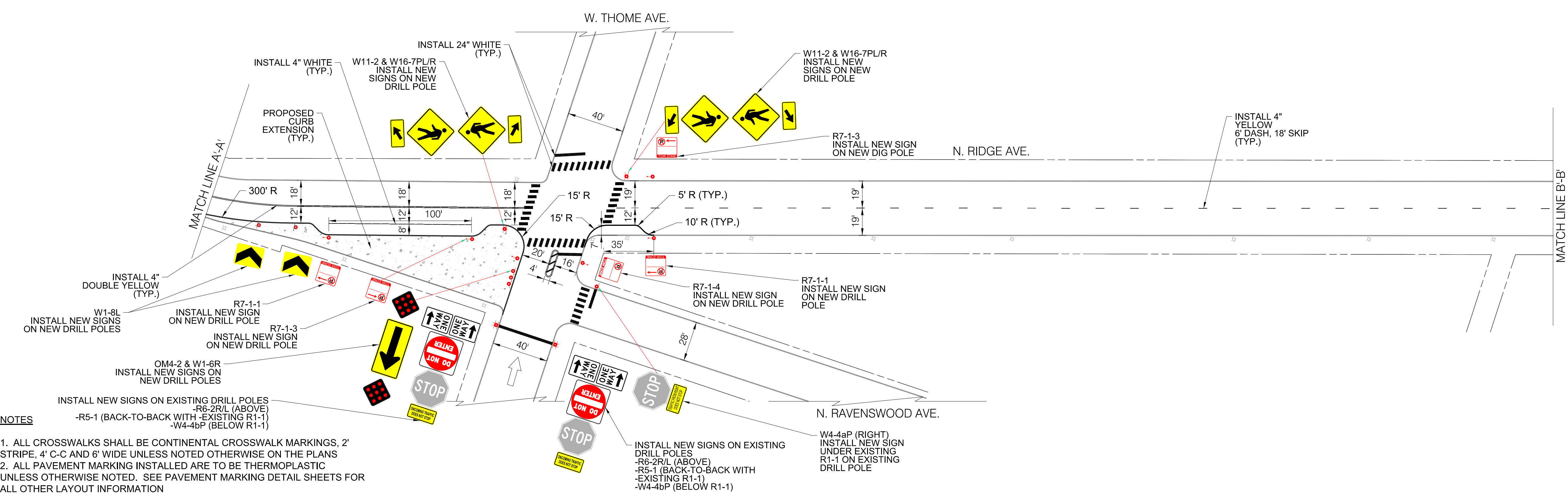
DATE: 01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



- NOTES**
- 1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
  - 2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION

**LEGEND**

- SIGNALIZED INTERSECTION
- ALL-WAY STOP
- ONE-WAY STREET



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

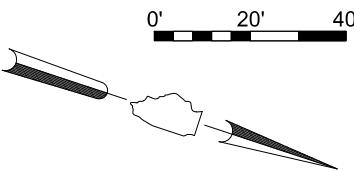
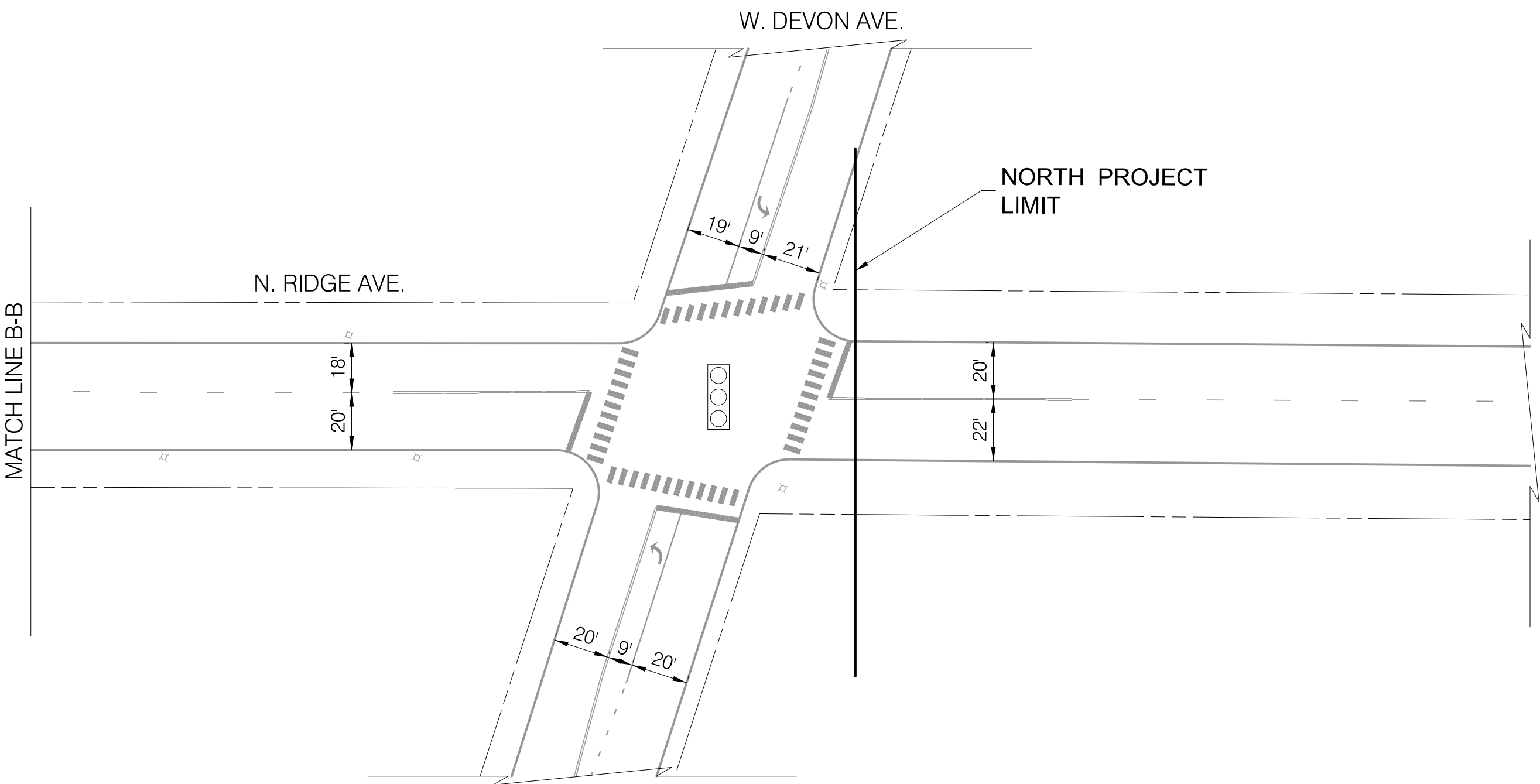
2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152  
EXISTING AND PROPOSED PLANS

N. RIDGE BOULEVARD/  
N. RAVENSWOOD AVENUE  
W. NORWOOD ST. TO W. DEVON AVE.  
SCALE: 1" = 40'

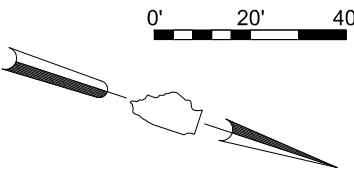
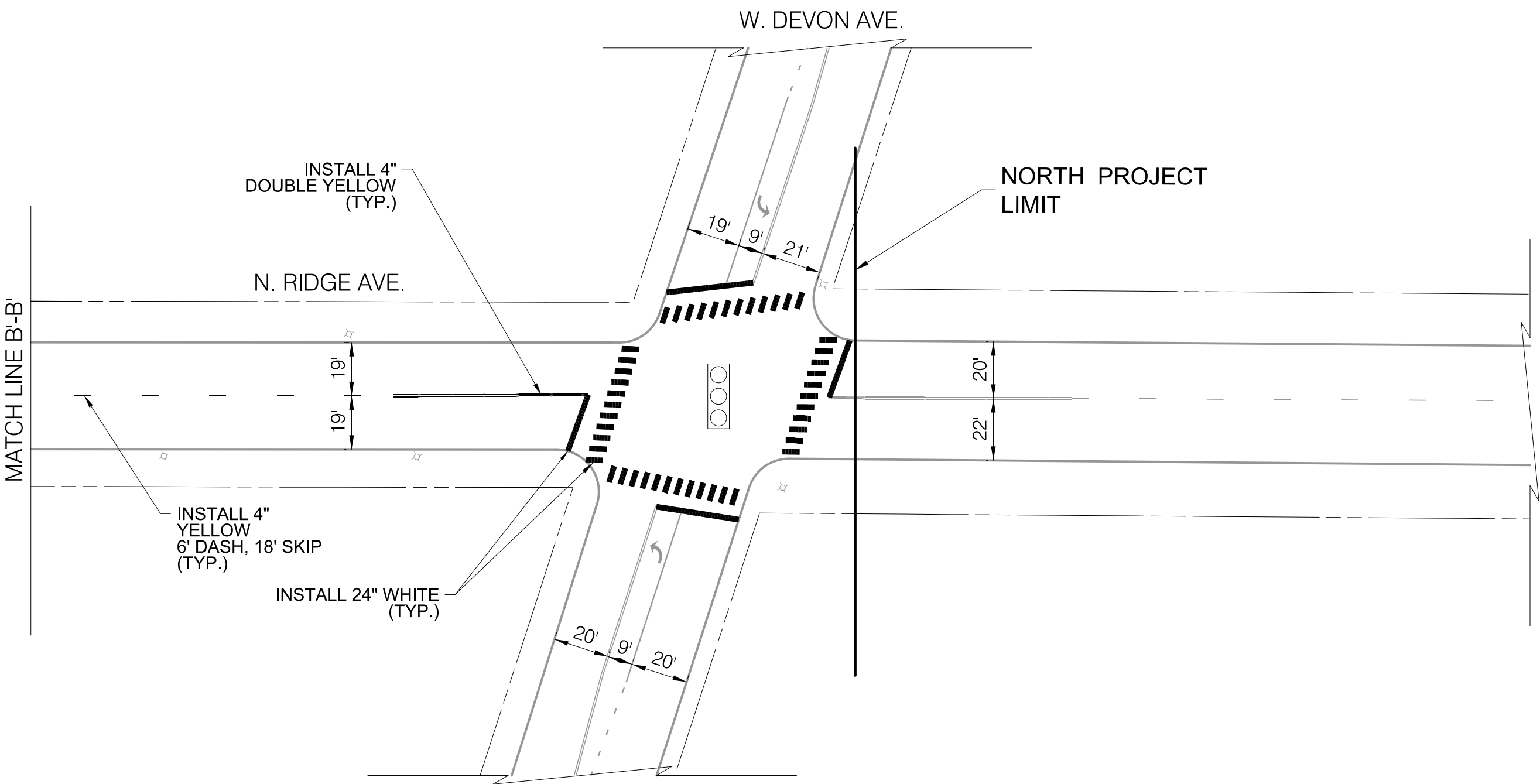
SHEET NO.  
43  
DATE: 01/12/18



EXISTING CONDITIONS



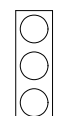


INSTALLATION PLAN



NOTES

1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION

LEGEND

-  SIGNALIZED INTERSECTION
-  ALL-WAY STOP
-  ONE-WAY STREET



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

N. RIDGE BOULEVARD/  
N. RAVENSWOOD AVENUE  
W. NORWOOD ST. TO W. DEVON AVE.

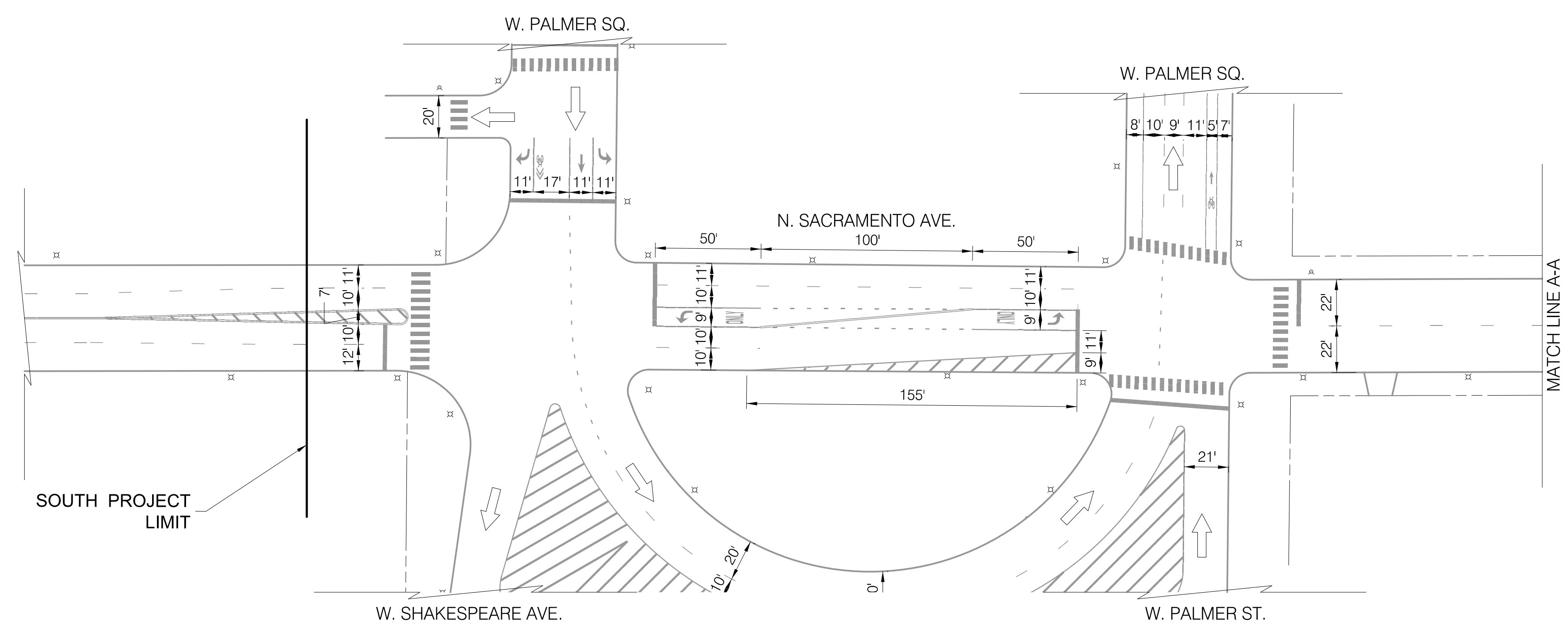
SCALE: 1" = 40'

SHEET NO.  
44

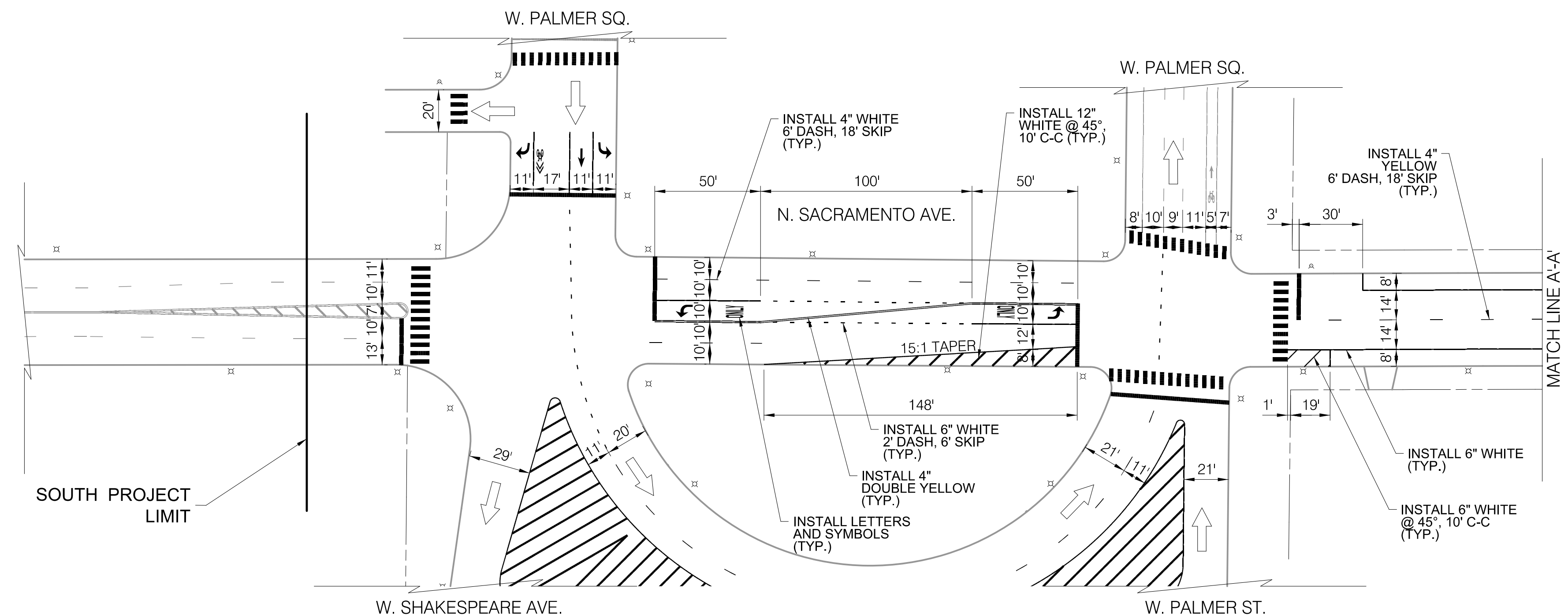
DATE: 01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



- NOTES
- 1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
  - 2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION

LEGEND

- SIGNALIZED INTERSECTION
- ALL-WAY STOP
- ONE-WAY STREET



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

N. SACRAMENTO AVENUE  
W. PALMER ST. TO W. FULLERTON AVE.

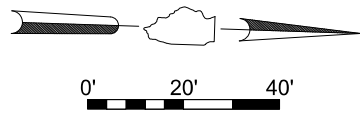
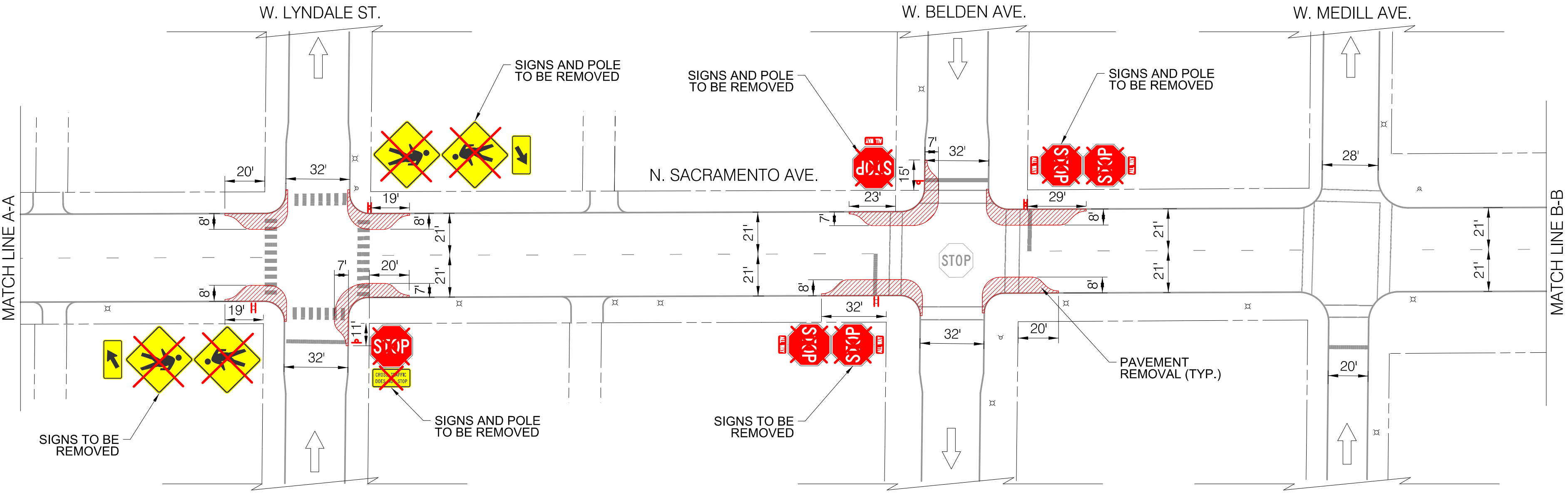
SCALE: 1" = 40'

SHEET NO.  
45

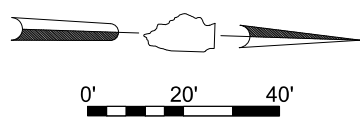
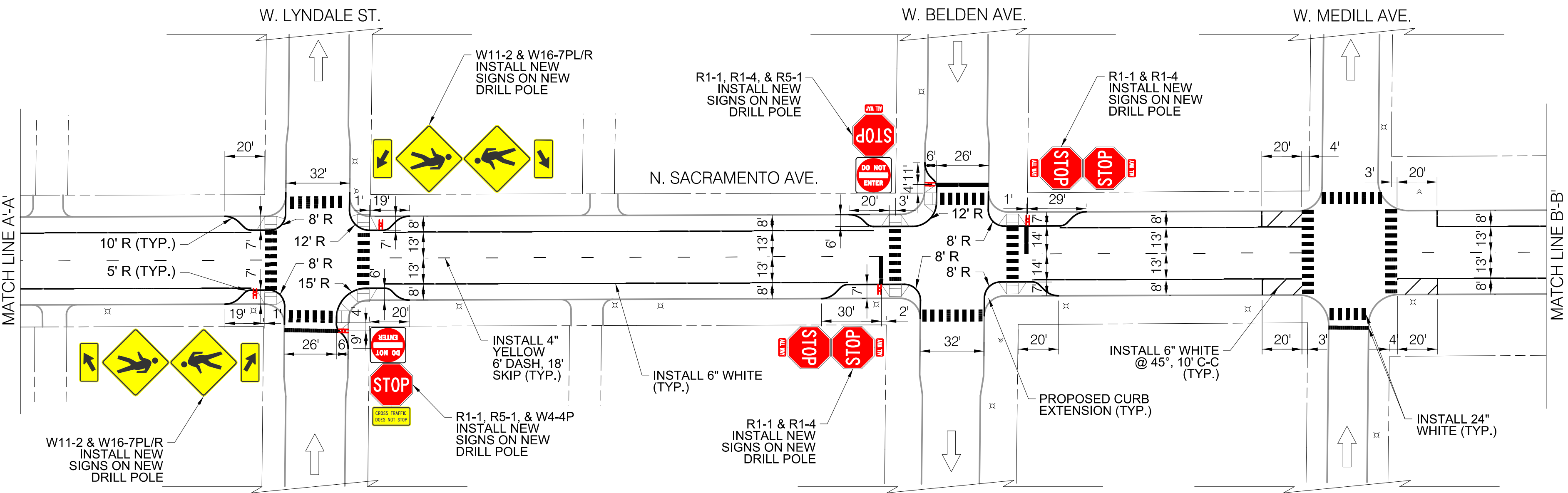
DATE: 01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



- NOTES
- 1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
  - 2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION

LEGEND

- SIGNALIZED INTERSECTION
- ALL-WAY STOP
- ONE-WAY STREET



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

N. SACRAMENTO AVENUE  
W. PALMER ST. TO W. FULLERTON AVE.

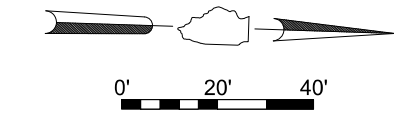
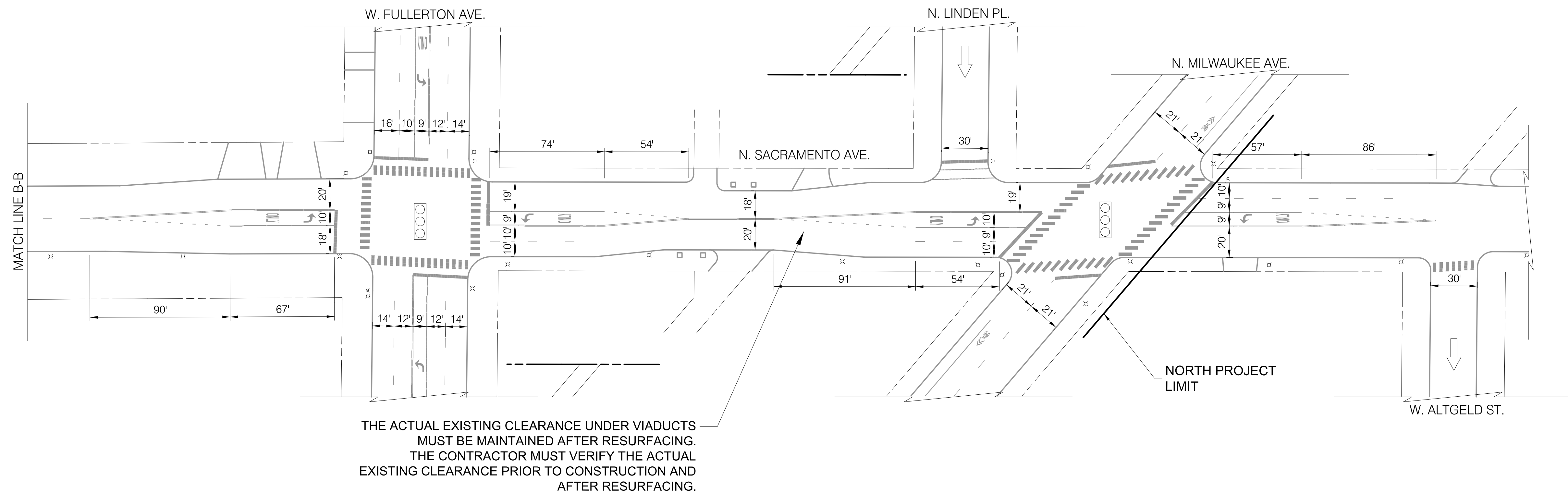
SCALE: 1" = 40'

SHEET NO.  
46

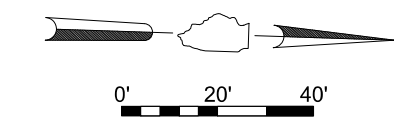
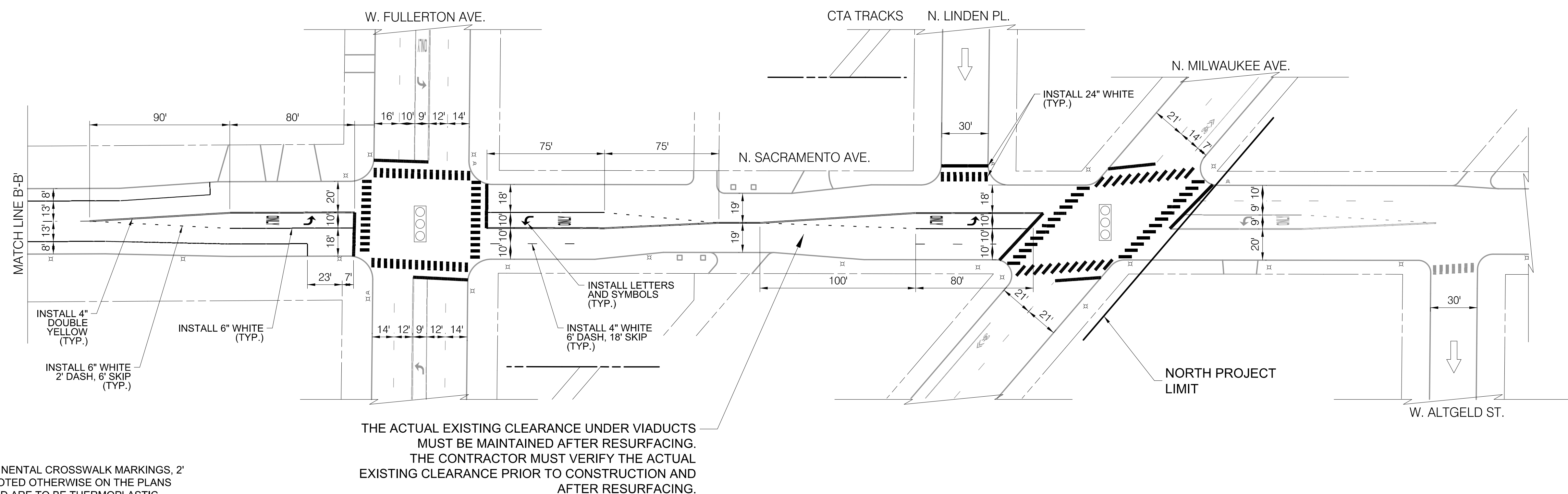
DATE: 01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



- NOTES
- 1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
  - 2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION

LEGEND

- SIGNALIZED INTERSECTION
- ALL-WAY STOP
- ONE-WAY STREET



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

N. SACRAMENTO AVENUE  
W. PALMER ST. TO W. FULLERTON AVE.

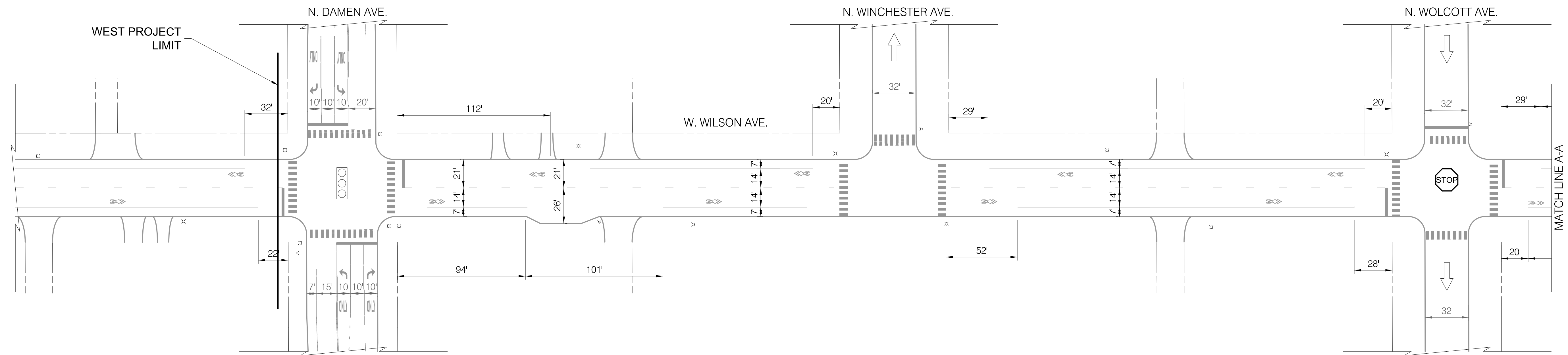
SCALE: 1" = 40'

SHEET NO.  
47

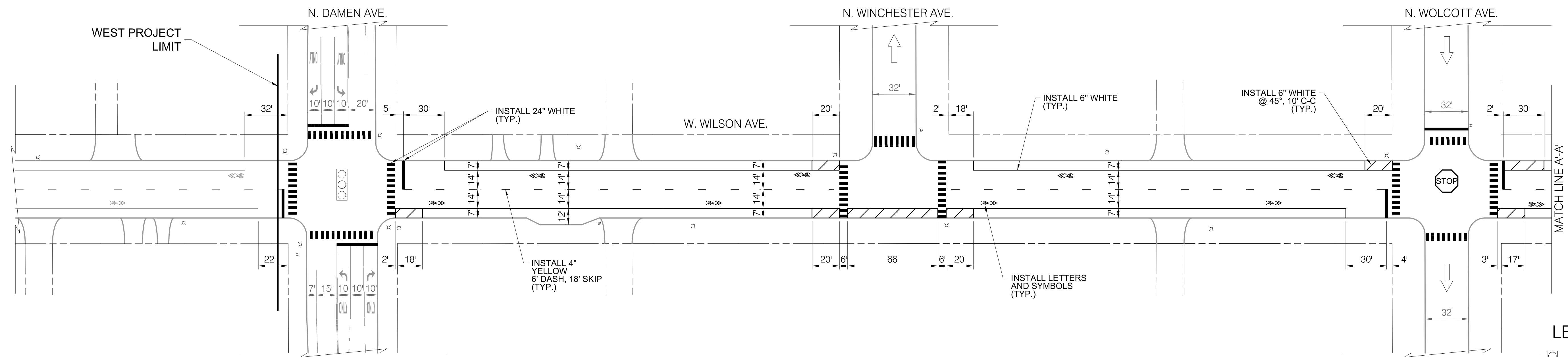
DATE: 01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



NOTES

1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION



REVISIONS				
NO.	BY	DATE	DESCRIPTION	

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

W. WILSON AVENUE  
N. DAMEN AVE. TO N. LAKE SHORE DR.

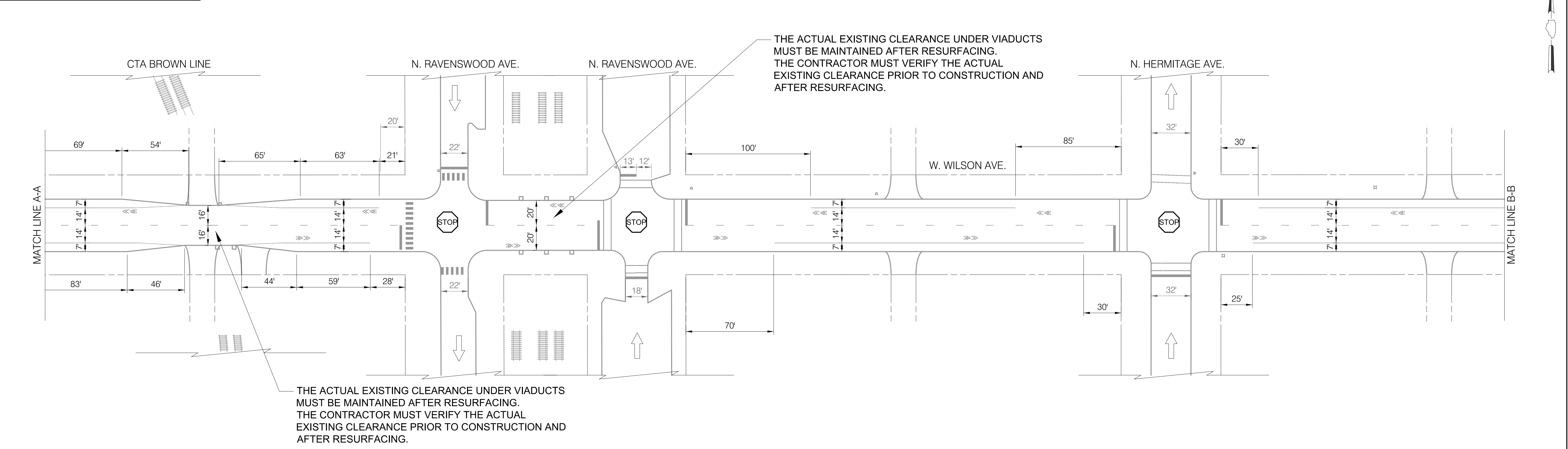
SCALE: 1" = 40'

SHEET NO.  
48

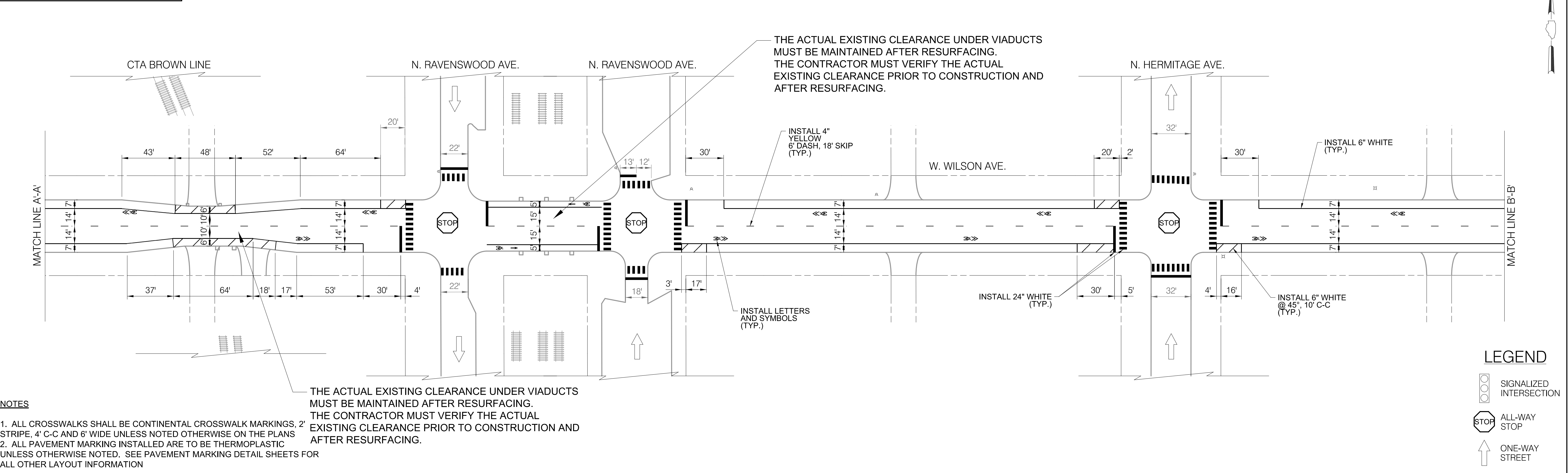
DATE: 01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



NOTES

1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION

THE ACTUAL EXISTING CLEARANCE UNDER VIADUCTS MUST BE MAINTAINED AFTER RESURFACING. THE CONTRACTOR MUST VERIFY THE ACTUAL EXISTING CLEARANCE PRIOR TO CONSTRUCTION AND AFTER RESURFACING.

LEGEND

- SIGNALIZED INTERSECTION
- ALL-WAY STOP
- ONE-WAY STREET



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

W. WILSON AVENUE  
N. DAMEN AVE. TO N. LAKE SHORE DR.

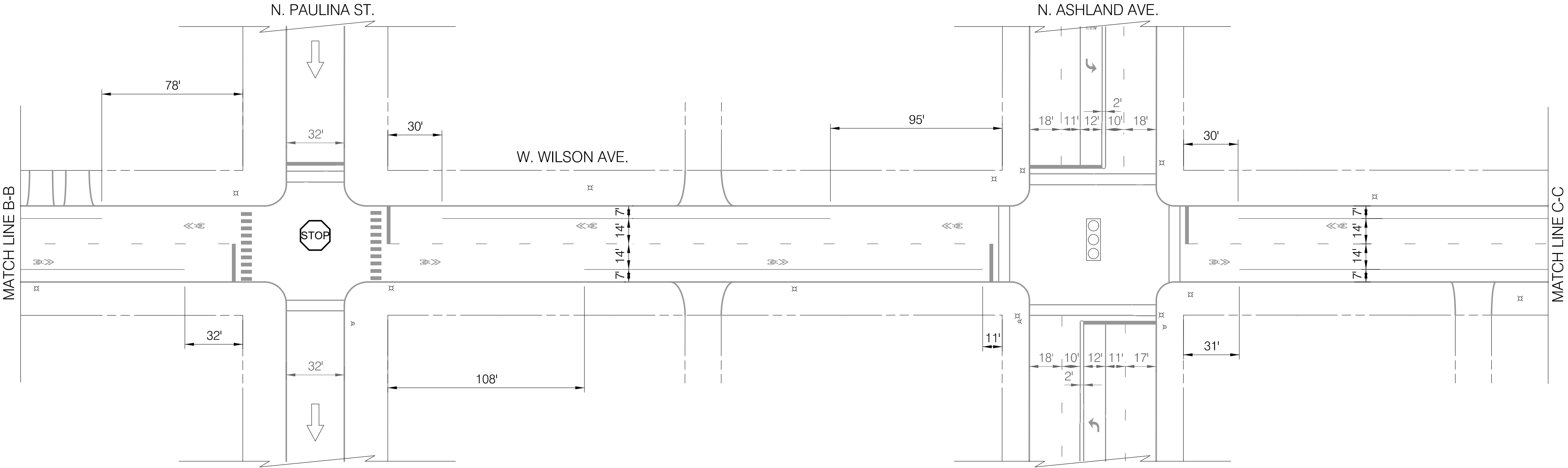
SCALE: 1" = 40'

SHEET NO.  
49

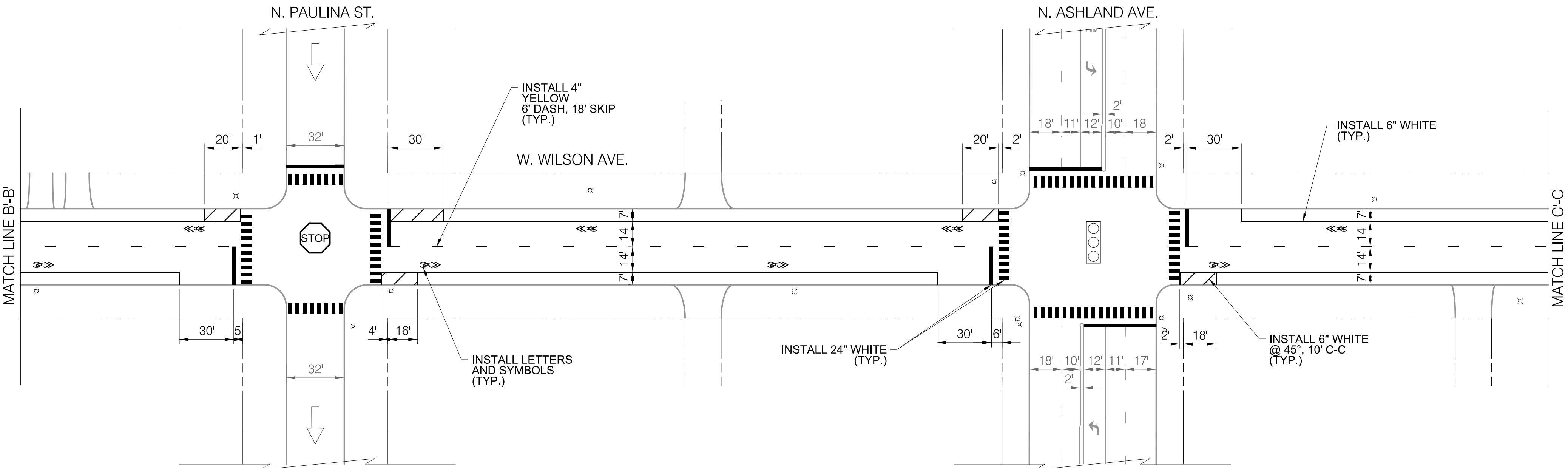
DATE: 01/12/18



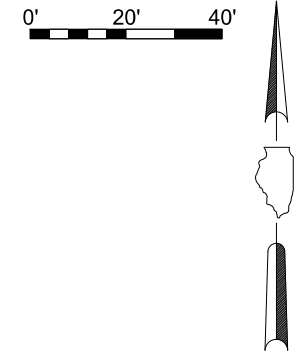
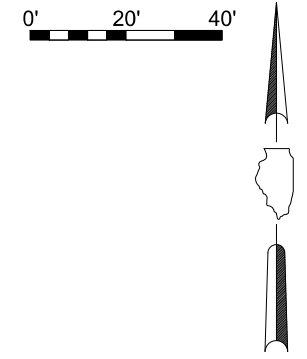
EXISTING CONDITIONS



INSTALLATION PLAN



- NOTES
1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
  2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION



LEGEND

- SIGNALIZED INTERSECTION
- ALL-WAY STOP
- ONE-WAY STREET



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

W. WILSON AVENUE  
N. DAMEN AVE. TO N. LAKE SHORE DR.

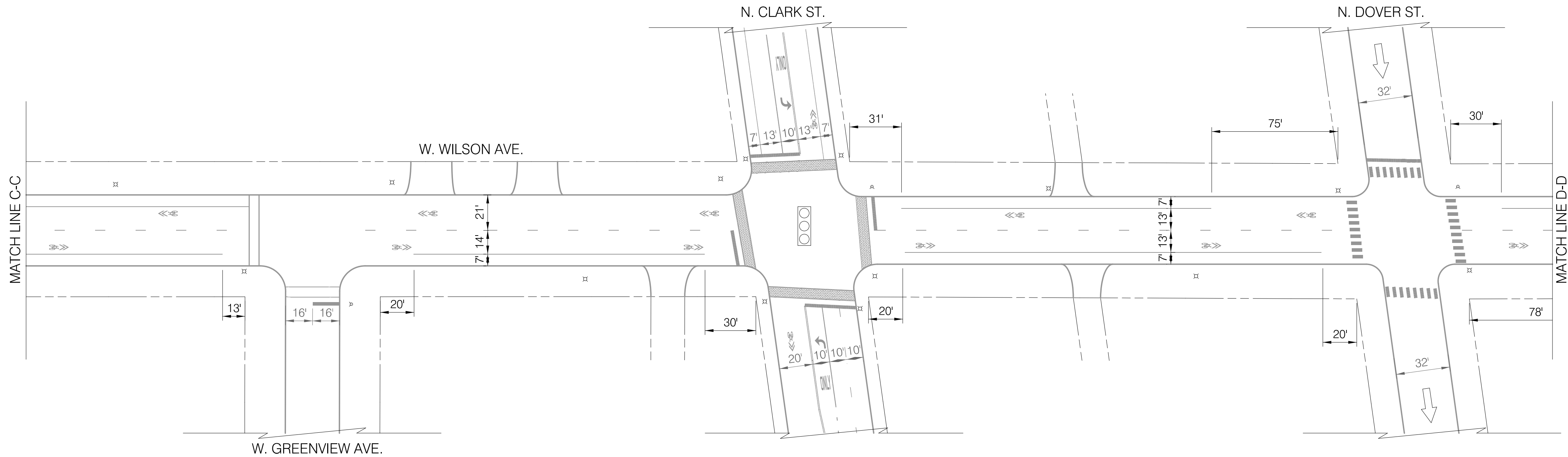
SCALE: 1" = 40'

SHEET NO.  
50

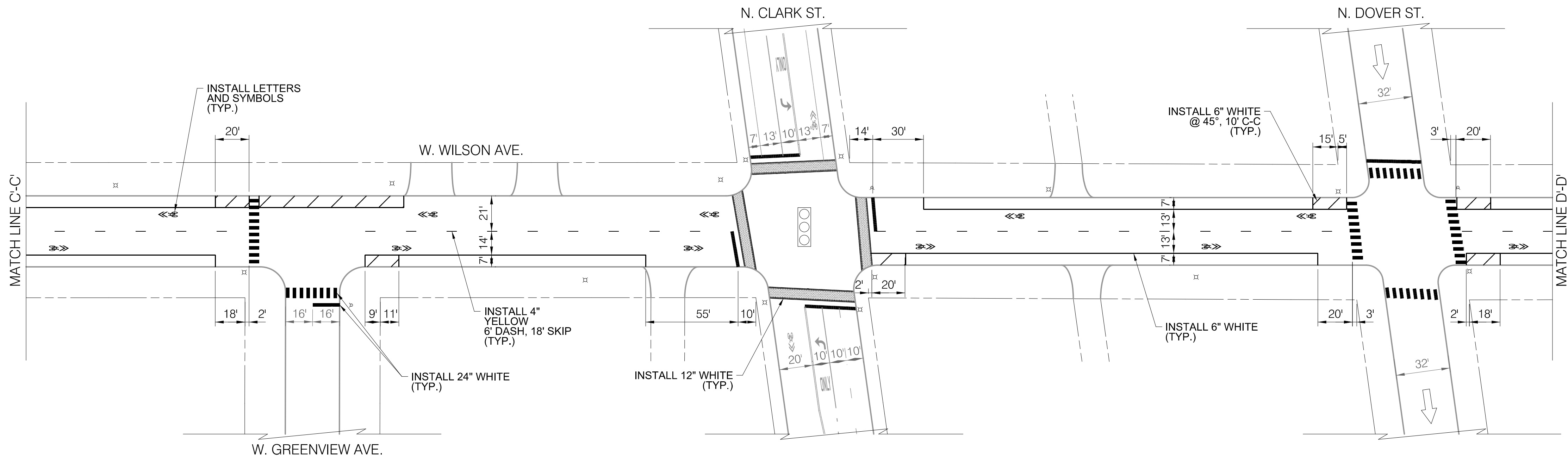
DATE: 01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



NOTES

1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

W. WILSON AVENUE  
N. DAMEN AVE. TO N. LAKE SHORE DR.

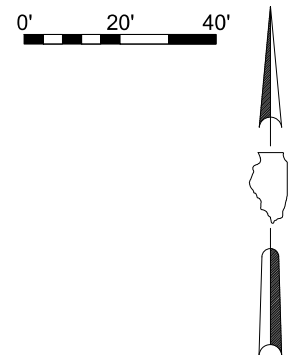
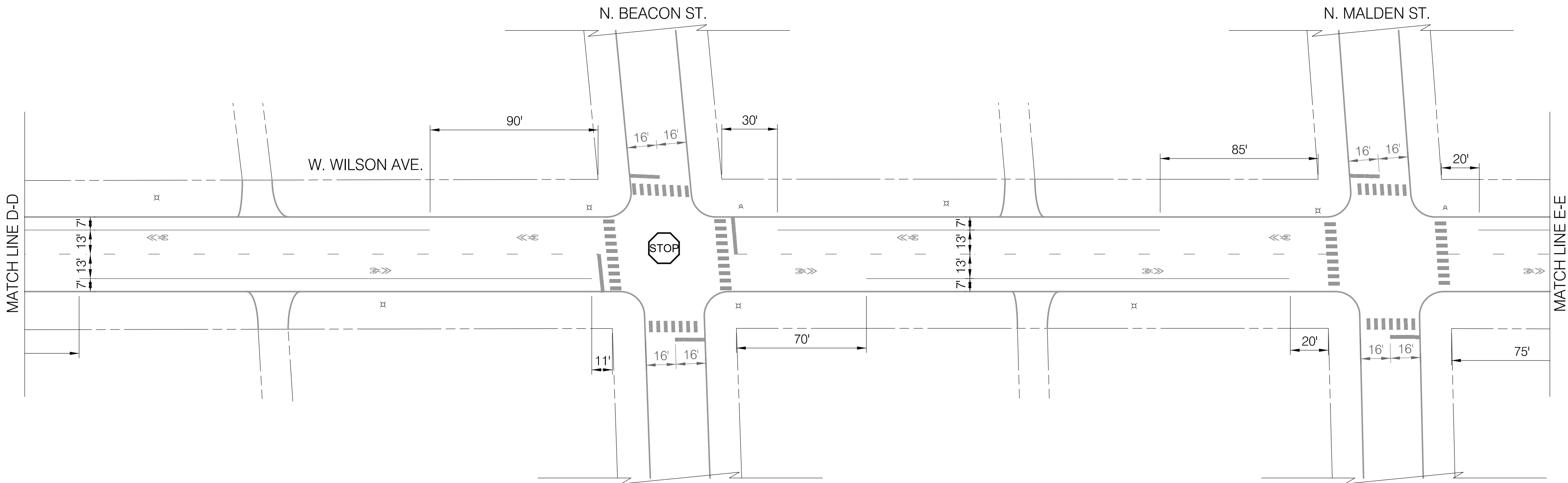
SCALE: 1" = 40'

SHEET NO.  
51

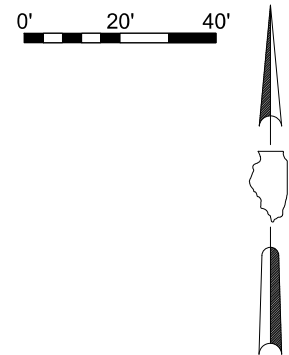
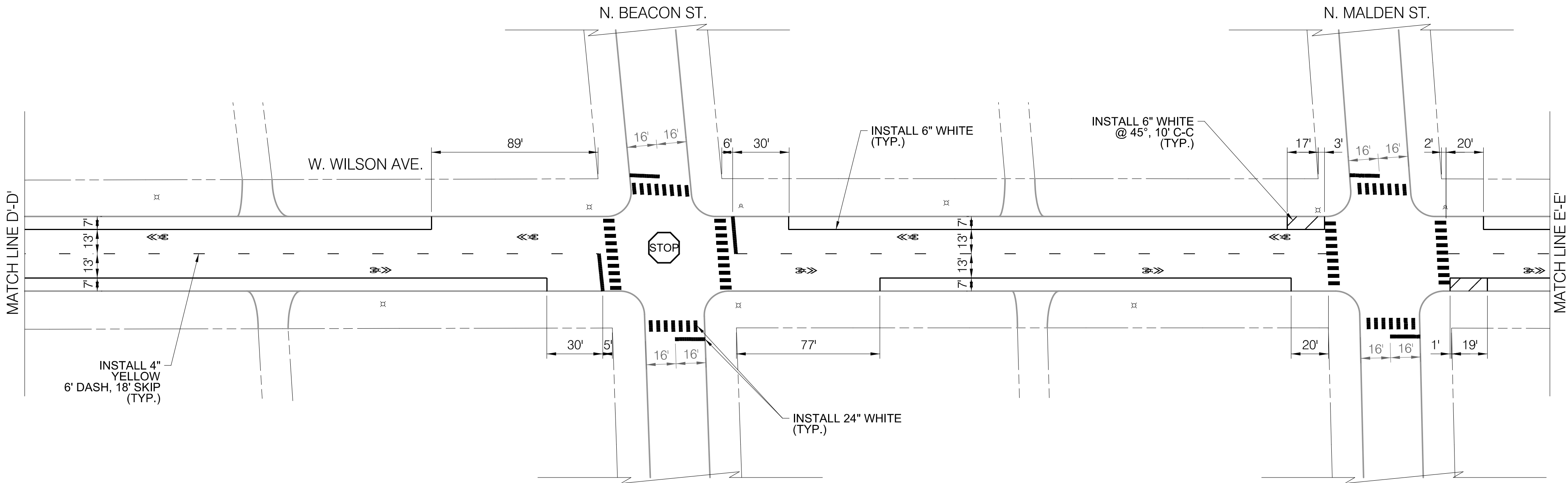
DATE: 01/12/18



EXISTING CONDITIONS



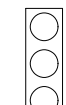


INSTALLATION PLAN



NOTES

1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION

LEGEND

-  SIGNALIZED INTERSECTION
-  ALL-WAY STOP
-  ONE-WAY STREET



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

W. WILSON AVENUE  
N. DAMEN AVE. TO N. LAKE SHORE DR.

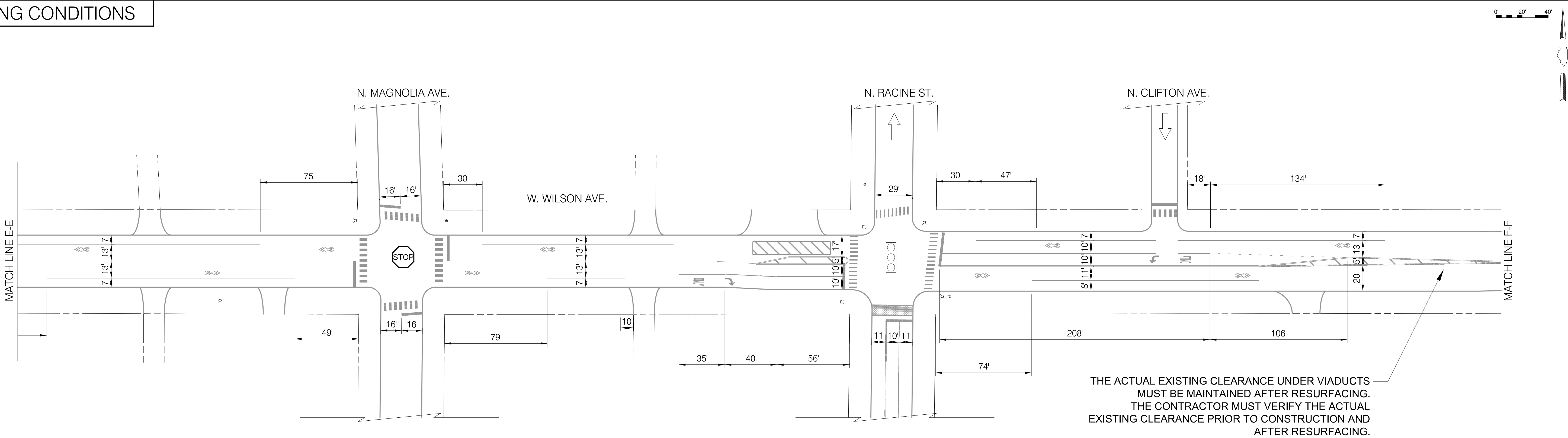
SCALE: 1" = 40'

SHEET NO.  
52

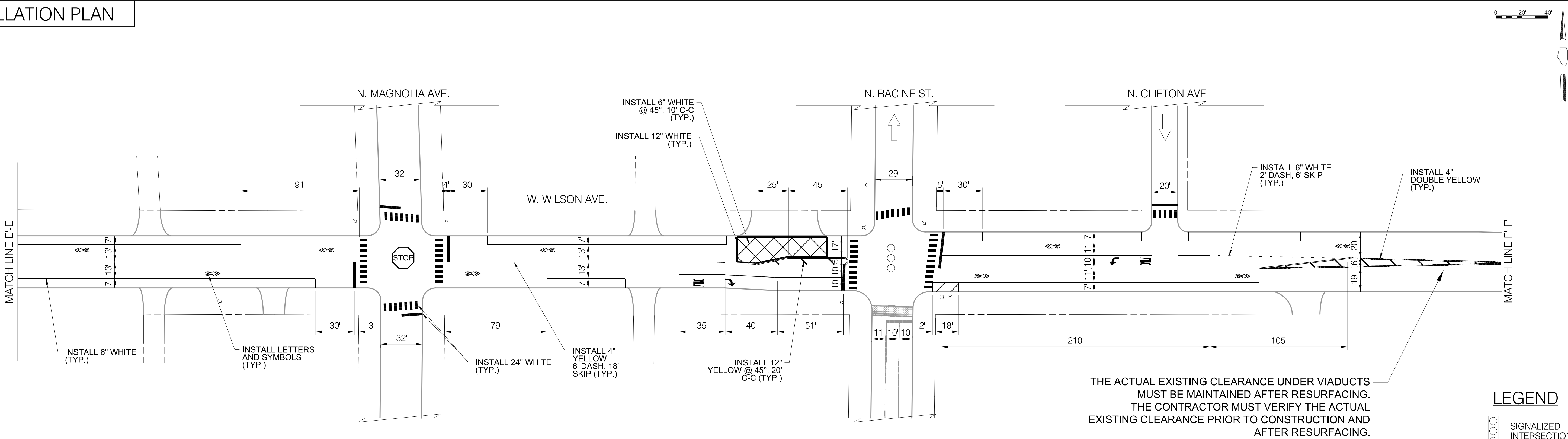
DATE: 01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



- NOTES
1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
  2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

W. WILSON AVENUE  
N. DAMEN AVE. TO N. LAKE SHORE DR.

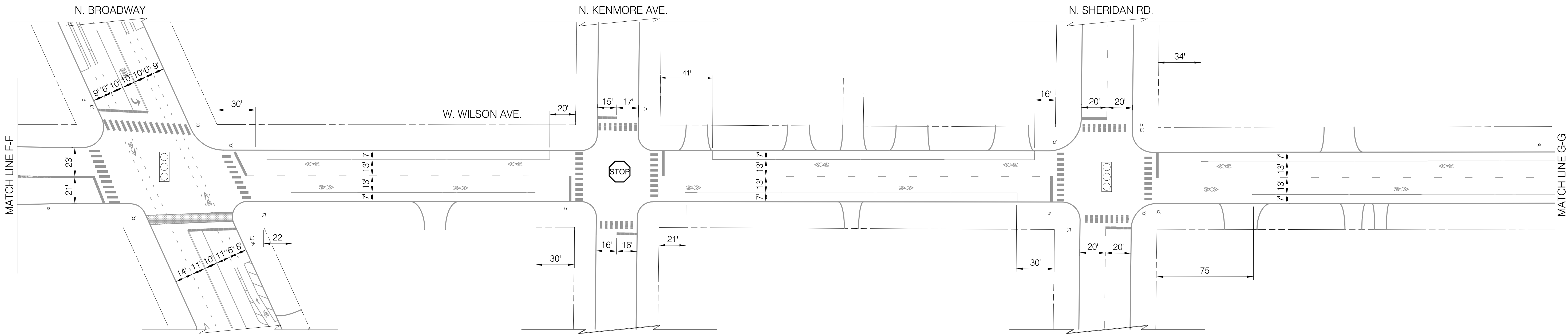
SCALE: 1" = 40'

SHEET NO.  
53

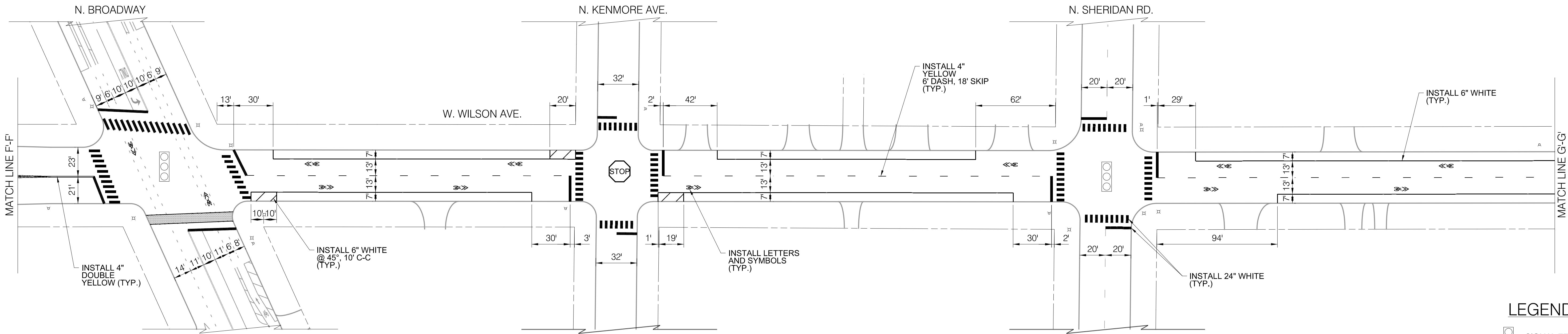
DATE: 01/12/18



EXISTING CONDITIONS



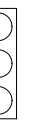


INSTALLATION PLAN



NOTES

1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION

LEGEND

-  SIGNALIZED INTERSECTION
-  ALL-WAY STOP
-  ONE-WAY STREET



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

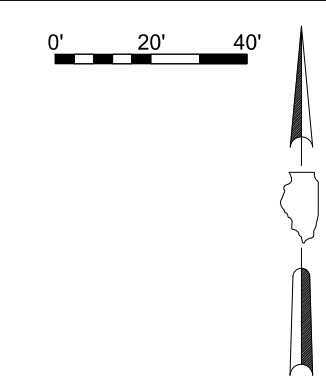
W. WILSON AVENUE  
N. DAMEN AVE. TO N. LAKE SHORE DR.

SCALE: 1" = 40'

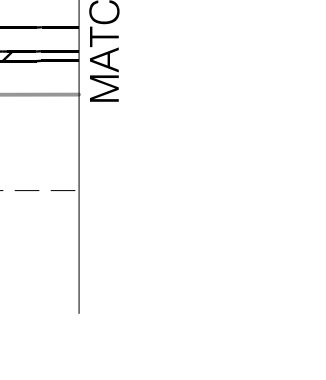
SHEET NO.  
54

DATE: 01/12/18






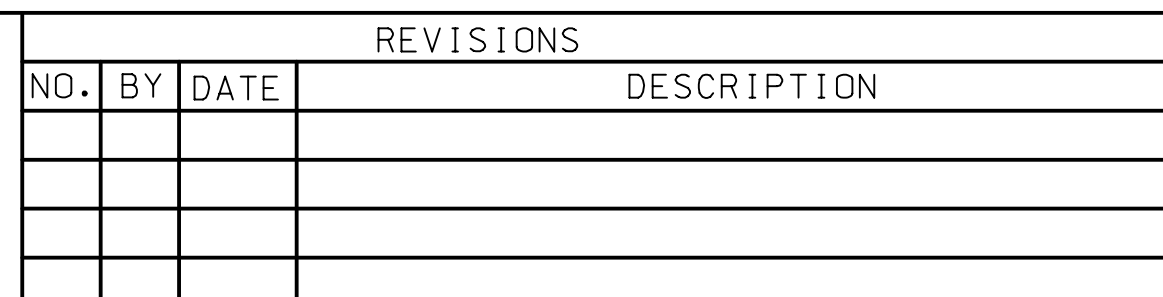


Age Group	Percentage of respondents
18-29	60
30-49	70
50-69	78
70+	85



### LEGEND

-  SIGNALIZED INTERSECTION
-  ALL-WAY STOP
-  ONE-WAY STREET



2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

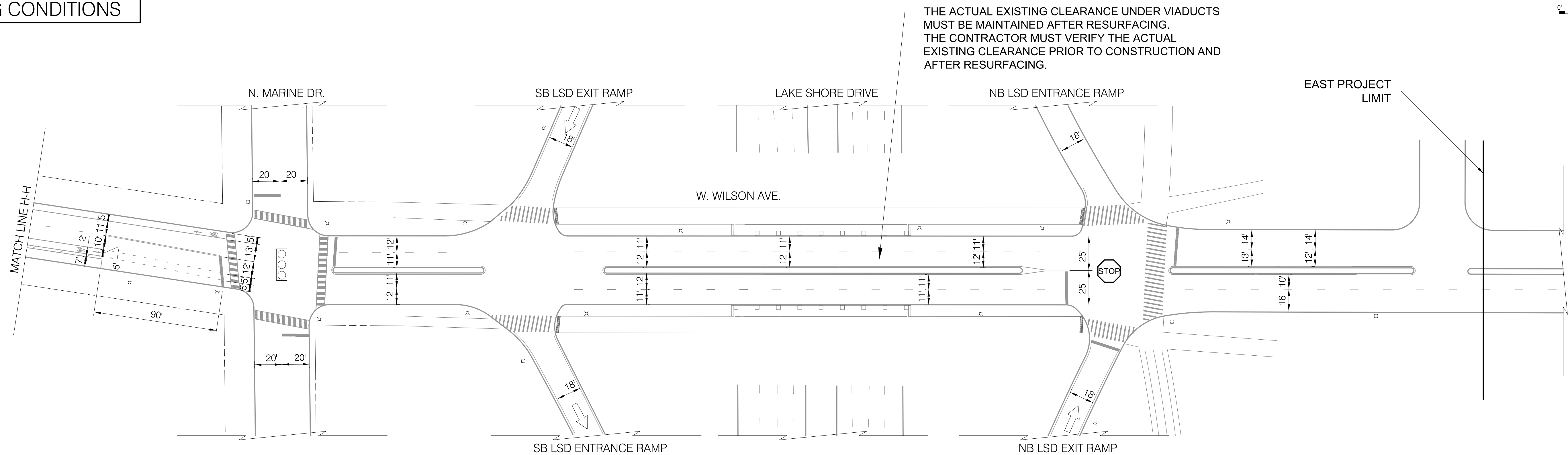
W. WILSON AVENUE  
N. DAMEN AVE. TO N. LAKE SHORE DR.

SHEET NO.  
55

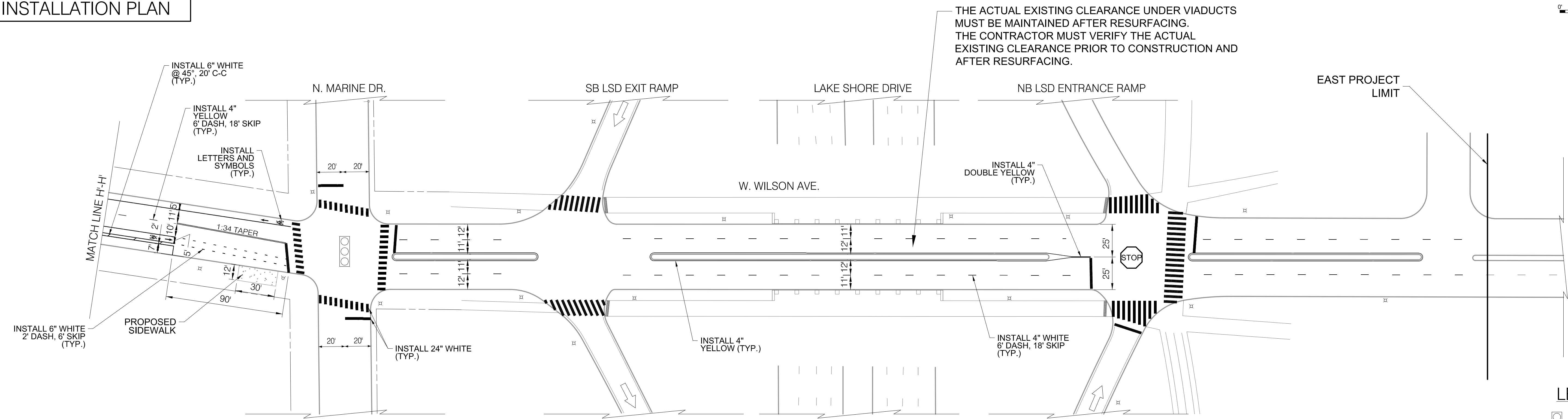
DATE:01/12/18



EXISTING CONDITIONS



INSTALLATION PLAN



- NOTES
1. ALL CROSSWALKS SHALL BE CONTINENTAL CROSSWALK MARKINGS, 2' STRIPE, 4' C-C AND 6' WIDE UNLESS NOTED OTHERWISE ON THE PLANS
  2. ALL PAVEMENT MARKING INSTALLED ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE PAVEMENT MARKING DETAIL SHEETS FOR ALL OTHER LAYOUT INFORMATION

LEGEND

- SIGNALIZED INTERSECTION
- ALL-WAY STOP
- ONE-WAY STREET



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

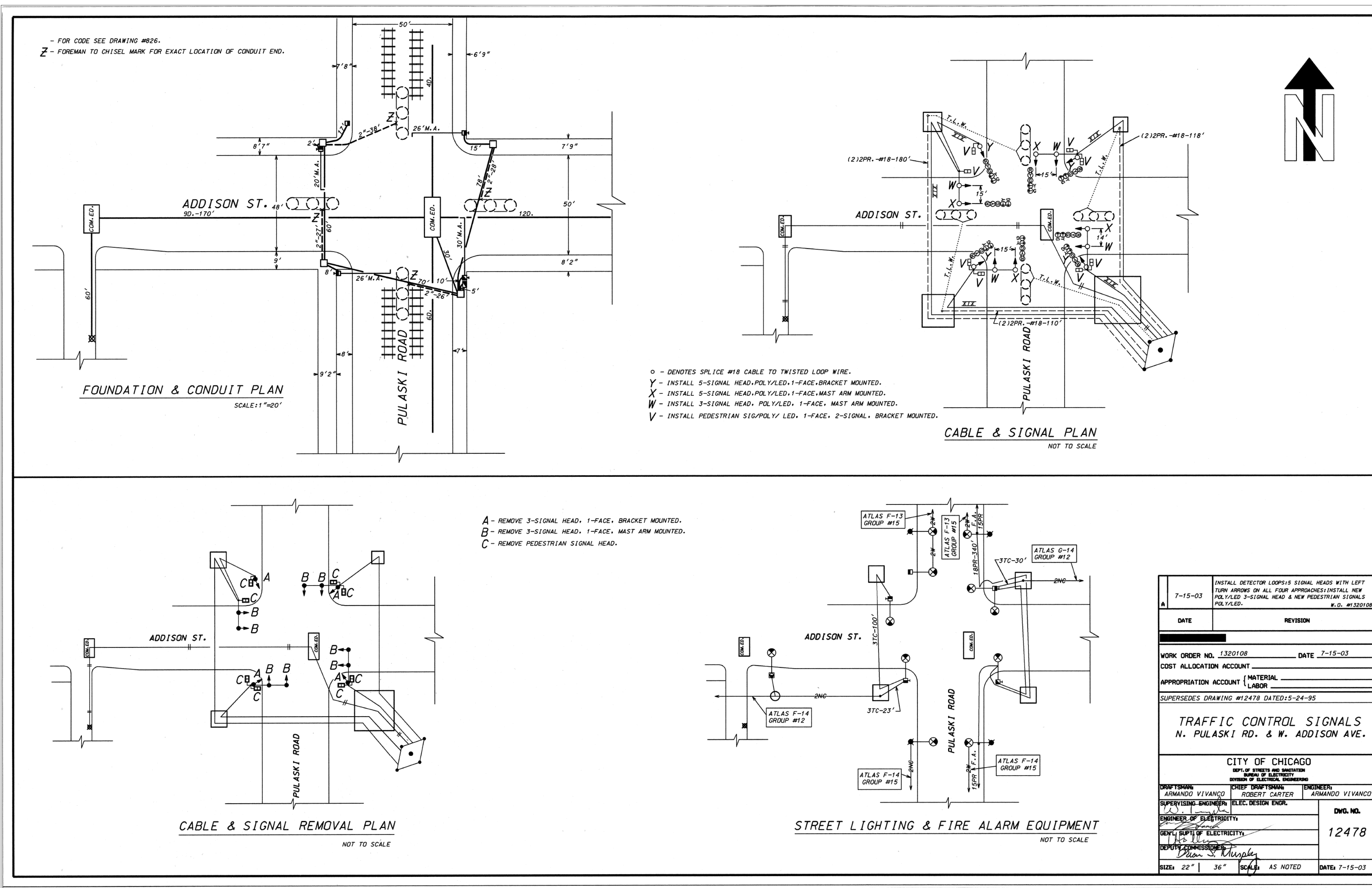
W. WILSON AVENUE  
N. DAMEN AVE. TO N. LAKE SHORE DR.

SCALE: 1" = 40'

SHEET NO.  
56

DATE: 01/12/18





NOT FOR BID. THIS PLAN IS FOR DETECTOR LOOP REPLACEMENT ONLY. ALL DETECTOR LOOPS IMPACTED BY RESURFACING SHALL BE REPLACED AT THE SIZE AND LOCATION SHOWN.



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

LOOP DETECTOR PLAN

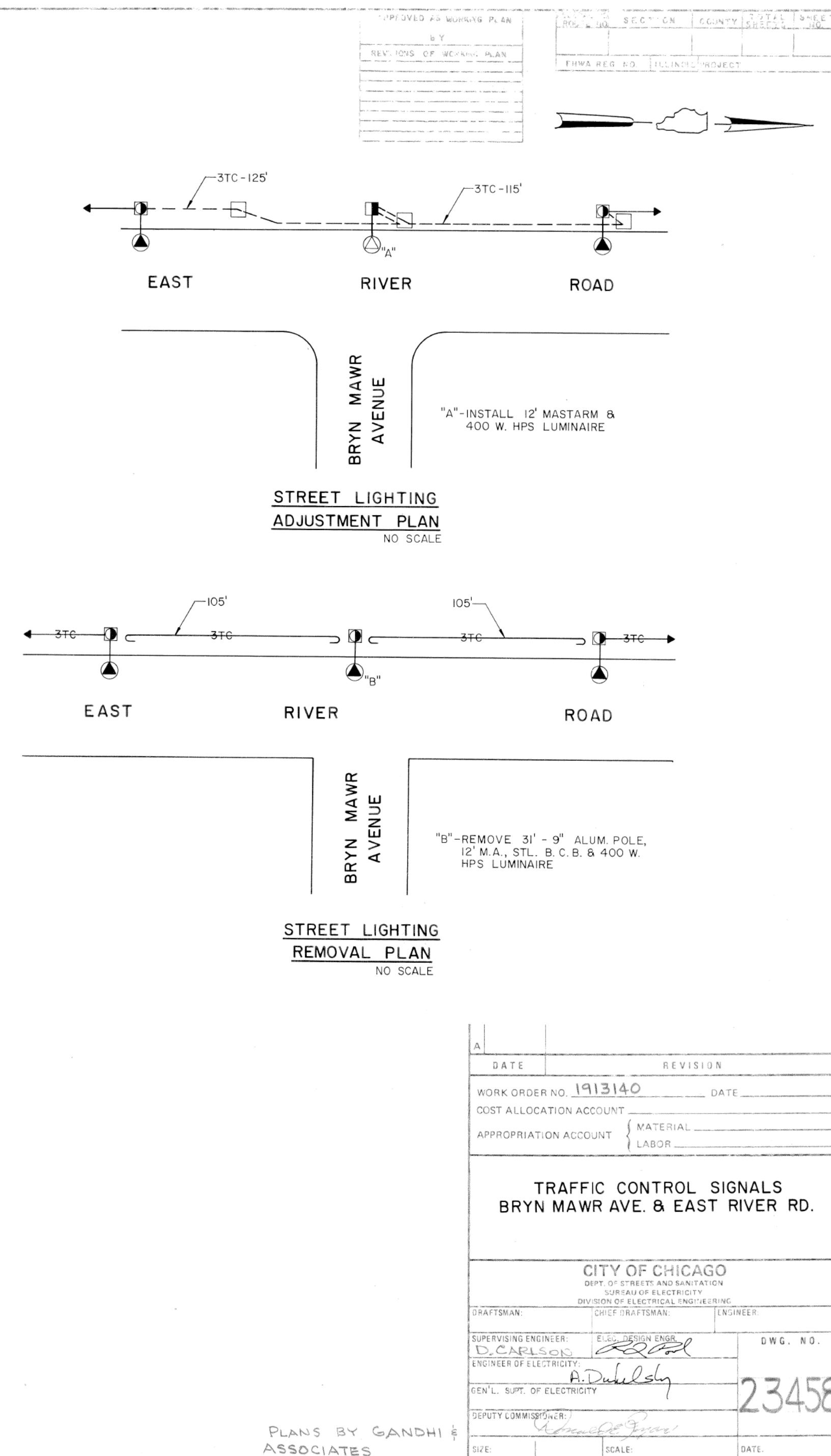
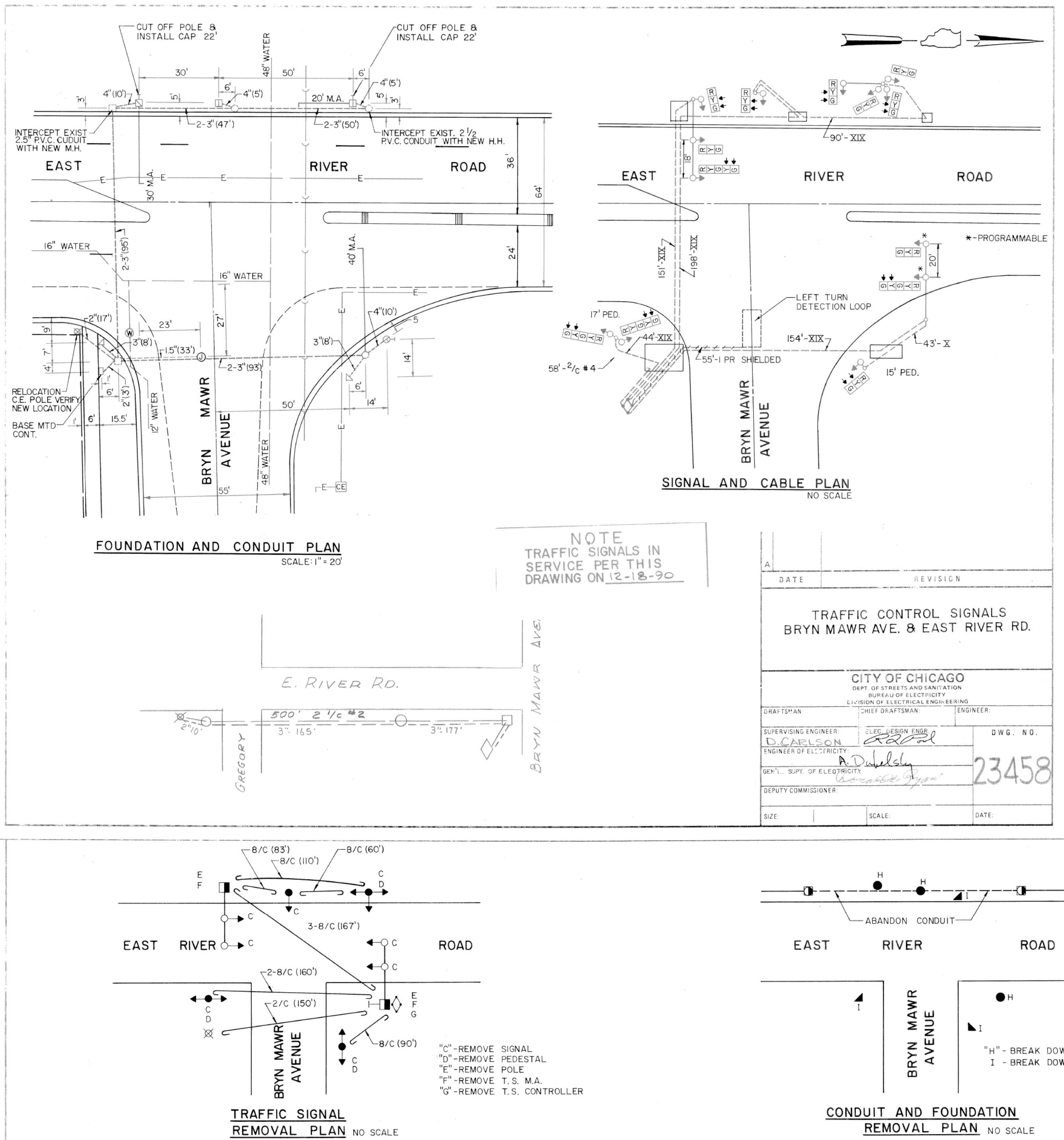
W. ADDISON ST. AT N. PULASKI RD.

SCALE: N.T.S.

SHEET NO.  
57

DATE: 01/12/18





NOT FOR BID. THIS PLAN IS FOR DETECTOR LOOP REPLACEMENT ONLY. ALL DETECTOR LOOPS IMPACTED BY RESURFACING SHALL BE REPLACED AT THE SIZE AND LOCATION SHOWN.



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

LOOP DETECTOR PLAN

N. EAST RIVER RD. AT  
W. BRYN MAWR AVE.

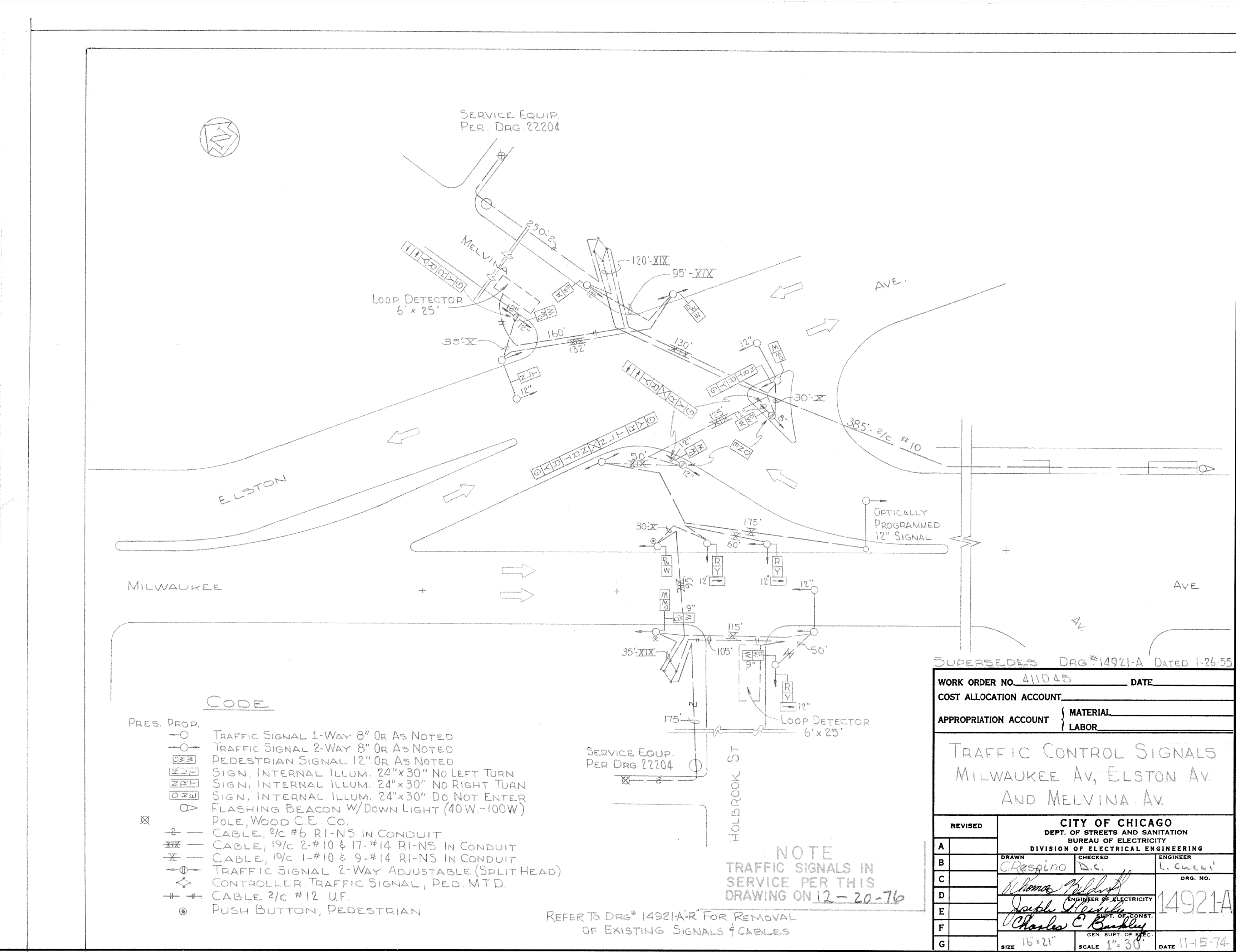
SCALE: N.T.S.

SHEET NO.  
58

DATE: 01/12/18



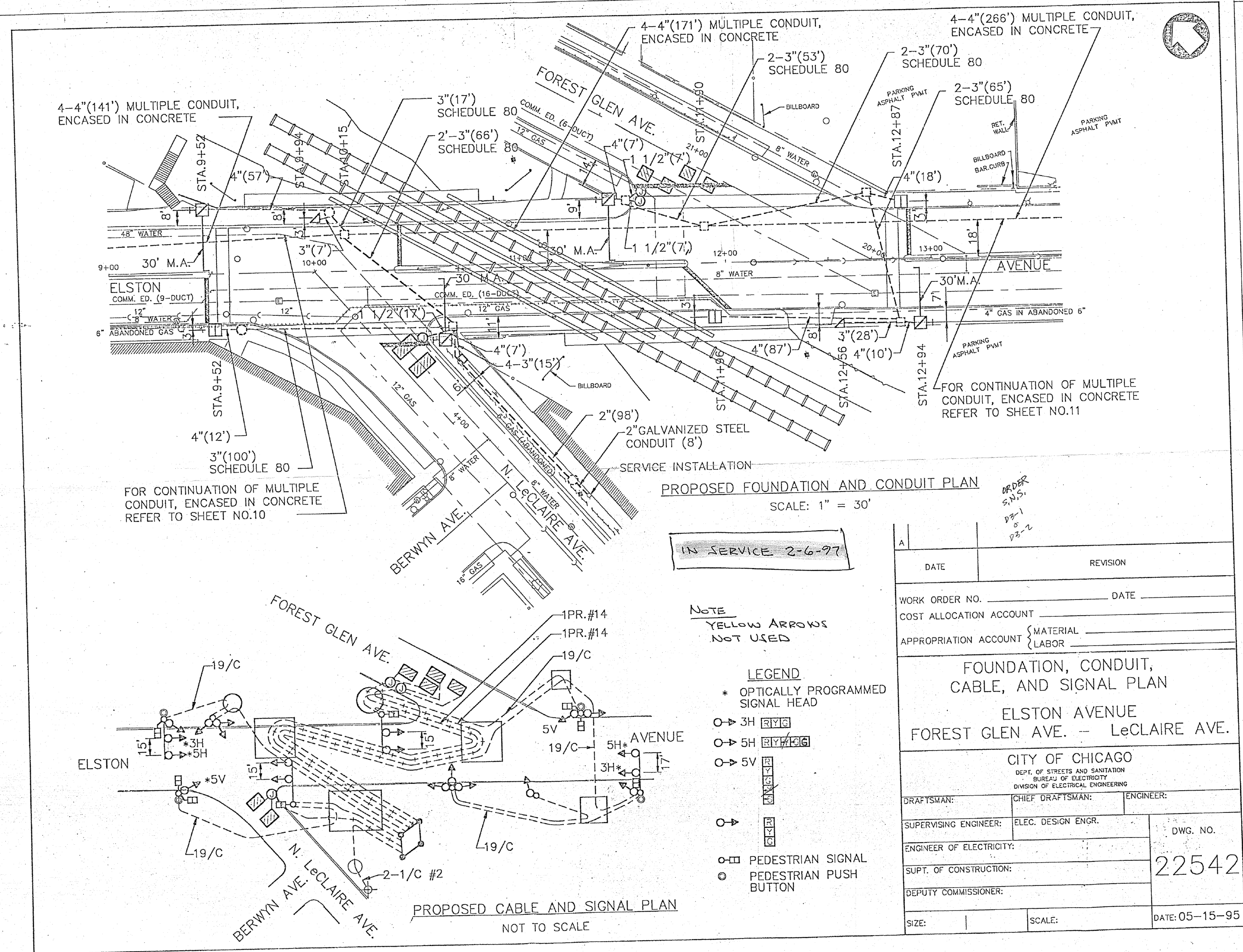
NOT FOR BID. THIS  
PLAN IS FOR  
DETECTOR LOOP  
REPLACEMENT ONLY.  
ALL DETECTOR  
LOOPS IMPACTED  
BY RESURFACING  
SHALL BE REPLACED  
AT THE SIZE AND  
LOCATION SHOWN.



REVISIONS			
NO.	BY	DATE	DESCRIPTION



**NOT FOR BID. THIS  
PLAN IS FOR  
DETECTOR LOOP  
REPLACEMENT  
ONLY. ALL  
DETECTOR LOOPS  
IMPACTED BY  
RESURFACING  
SHALL BE  
REPLACED AT THE  
SIZE AND  
LOCATION SHOWN.**



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

LOOP DETECTOR PLAN

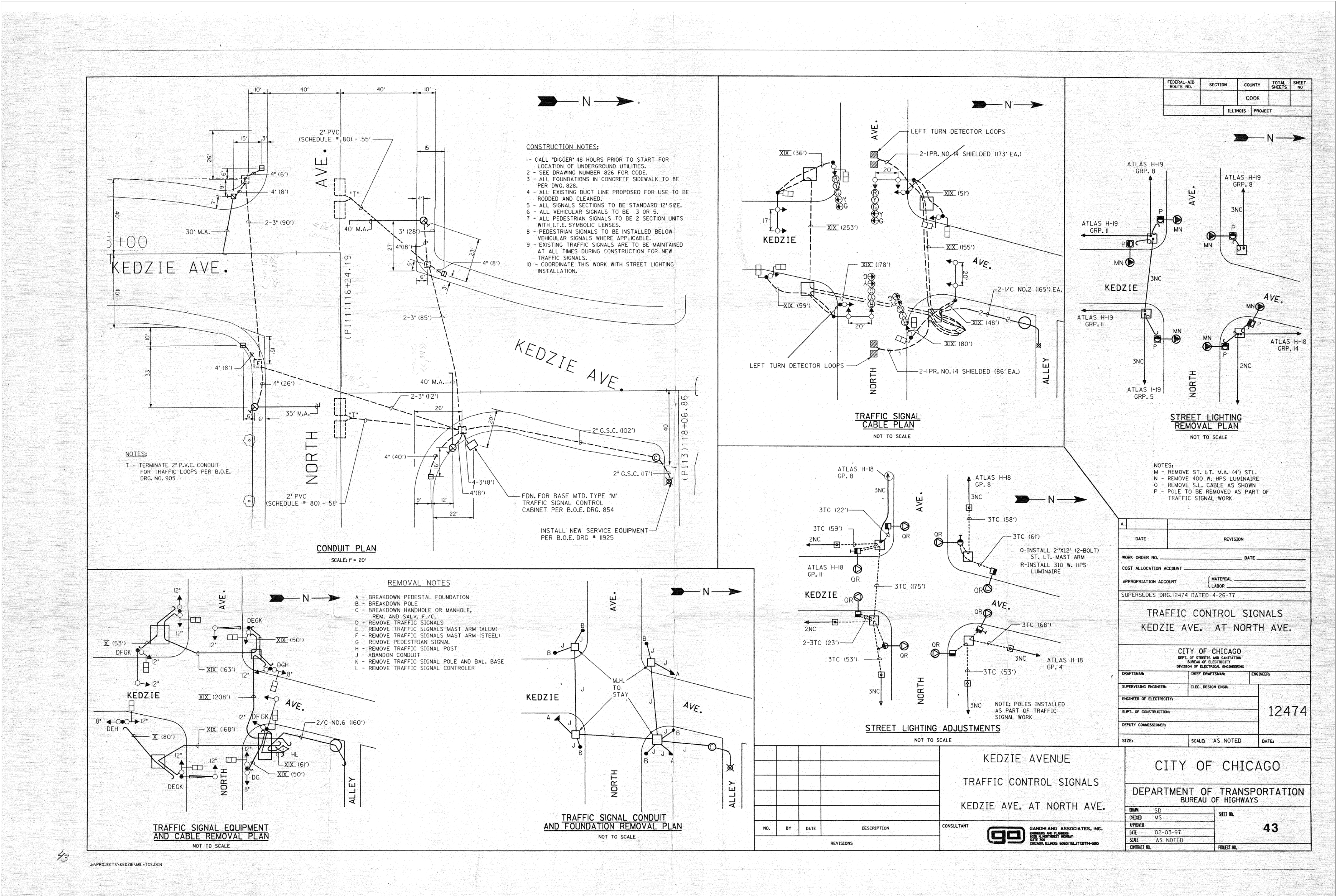
N. ELSTON AVE. AT N. LECLAIRE AVE.  
AND N. FOREST GLEN AVE.

SCALE: N.T.S.

SHEET NO.  
60

DATE:01/12/18





NOT FOR BID. THIS PLAN IS FOR DETECTOR LOOP REPLACEMENT ONLY. ALL DETECTOR LOOPS IMPACTED BY RESURFACING SHALL BE REPLACED AT THE SIZE AND LOCATION SHOWN.



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

LOOP DETECTOR PLAN

N. KEDZIE AVE. AND W. NORTH AVE.

SCALE: N.T.S.

SHEET NO.  
61

DATE: 01/12/18



ADA Ramp Survey and Typical Quantities  
W. Addison Street (N. Keeler Ave. to N. Avondale Ave.)  
Arterial Street Resurfacing Project 79 - North Area  
CDOT Project No. B-4-152

Intersection of Addison St. AND																											
	Corner	Signalized?	Existing ADA Ramp	Non-Standard Crossing	B-1-2	B-1-3	B-1-4	B-1-5	B-1-6	B-1-7	B-1-8	B-1-9	B-1-10	B-1-11	B-1-12	B-1-13	B-1-14	B-1-15	B-1-16	B-1-17	B-1-18	B-1-19	B-1-20	B-1-21	Comments		
Notes:																											
Keeler Ave.	NW		X																							CCIT	
	NE		X		3																						
	SW		X																							CCIT	
	SE		X																							CCIT	
Kedvale Ave. (S leg)	NW		X														15B										
	NE		X														15B										
	SW					3B																					
	SE					3B																					
Kedvale Ave. (N leg)	NW		X			4																				Remove S-facing ramp	
	NE					4																					
	SW																									No crossing	
	SE																									No crossing	
Karlof Ave.	NW																									No crossing	
	NE		X														15B									CPT	
	SW						4																				
	SE					3A																					
Pulaski Rd.	NW	Y	X																							CCIT	
	NE	Y						7S																		detector loop	
	SW	Y	X										12S														
	SE	Y	X					7S																		CPT	
Harding Ave. (SB)	NW		X																							CCIT	
	NE		X																							CCIT	
	SW																									No crossing	
	SE																									No crossing	
Harding Ave. (NB)	NW		X																							CCIT	
	NE		X																							CCIT	
	SW																									No crossing	
	SE																									No crossing	
Springfield Ave.	NW		X		2A																					EB lane of Addison from Springfield to Avers resurfaced 4Q 2016.	
	NE		X			3																					
	SW		X			3A																					
	SE		X			3A																					
Avers Ave. (SB)	NW						4																				
	NE		X				4																				
	SW																									No crossing	
	SE																									No crossing	
Avers Ave. (NB)	NW		X				4																				
	NE						4																				
	SW																									No crossing	
	SE																									No crossing	
Hamlin Ave.	NW		X			3A																				CPT	
	NE		X			3A																				CPT	
	SW		X			3																				CPT	
	SE		X			3A																				CPT	
Lawndale Ave.	NW		X																							CCIT	
	NE						4																				
	SW		X				3																				
	SE		X																							CCIT	
Avondale Ave.	NW																									see Lawndale intersection	
	NE																										
	SW						4																				
	SE		X																								
PCC Sidewalk, 5 in					60	1344	1998	0	0	192	0	0	0	0	0	50	0	0	360	0	0	0	0	0	0	4004 SF	
PCC Sidewalk, 5 in Special					182	1948	1098	0	0	0	0	0	0	0	0	0	0	0	408	0	0	0	0	0	0	3636 SF	
PCC Sidewalk, 8 in Special					0	0	0	0	0	252	0	0	0	0	0	145	0	0	0	0	0	0	0	0	0	0	397 SF
Detectable Warning Tiles, Linear					24	288	108	0	0	0	0	0	0	0	0	0	0	36	0	0	0	0	0	0	0	0	456 SF
Detectable Warning Tiles, Radial					0	0	0	0	0	52	0	0	0	0	28	0	0	0	0	0	0	0	0	0	0	0	80 SF
Combination Curb and Gutter Removal					40	430	333	0	0	66	0	0	0	0	40	0	0	48	0	0	0	0	0	0	0	0	957 FT
Sidewalk Removal					242	3292	3078	0	0	444	0	0	0	0	195	0	0	768	0	0	0	0	0	0	0	0	8019 SF
Combination Concrete Curb and Gutter, Type B-6.12					40	430	333	0	0	66	0	0	0	0	40	0	0	48	0	0	0	0	0	0	0	0	957 FT
Side Curb at Property Line					10	120	90	0	0	20	0	0	0	0	26	0	0	0	0	0	0	0	0	0	0	0	266 FT



REVISIONS				DESCRIPTION
NO.	BY	DATE		

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

ADA RAMP QUANTITIES

W. ADDISON STREET  
N. KEELER AVE. TO N. AVONDALE AVE.

SCALE: N.T.S.

SHEET NO.  
62

DATE :01/12/18



ADA Ramp Survey and Typical Quantities  
N. Avondale Avenue / W. Gregory Street (N. Harlem Ave. to N. Moody Ave.)  
Arterial Street Resurfacing Project 79 - North Area  
CDOT Project No. B-4-152

Intersection of Avondale Ave./Gregory St. AND	Corner																					Comments			
		Signalized?	Existing ADA Ramp	Non-Standard Crossing	B-1-2	B-1-3	B-1-4	B-1-5	B-1-6	B-1-7	B-1-8	B-1-9	B-1-10	B-1-11	B-1-12	B-1-13	B-1-14	B-1-15	B-1-16	B-1-17	B-1-18		B-1-19	B-1-20	B-1-21
Harlem Ave.	NW	Y																							No crossing
	NE	Y													13S										concrete pavement
	SW	Y																							No crossing
	SE	Y													13S										concrete pavement
Neva Ave.	NW																								No crossing
	NE																								No crossing
	SW																							Concrete on-ramp to I-90 Expwy at N side of the street	
	SE																								
Mont Clare Ave.	NW																								No crossing
	NE																								No crossing
	SW																								
	SE																								
Nottingham Ave.	NW																								No crossing
	NE																								No crossing
	SW																								
	SE		X																						CCIT
Nordica Ave.	NW																								No crossing
	NE																								No crossing
	SW																								
	SE																								
Sayre Ave.	NW		X											11B											Light pole obstruction
	NE		X											11B											
	SW		X											11B											
	SE																								
Newland Ave.	NW																								No crossing
	NE																								No crossing
	SW																							Concrete on-ramp to I-90 Expwy at N side of the street	
	SE																								
New England Ave.	NW																								No crossing
	NE																								No crossing
	SW																								
	SE																								
Talcott Ave.	NW																								No crossing
	NE																								No crossing
	SW																								
	SE																								
Newcastle Ave.	NW																								No crossing
	NE																								No crossing
	SW																								
	SE																								
Normandy Ave.	NW																								No crossing
	NE																								No crossing
	SW																								
	SE																								
Natoma Ave.	NW																						21		
	NE																						21		
	SW																								
	SE																								
Nashville Ave.	NW																								No crossing
	NE																								No crossing
	SW																								
	SE																								



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

ADA RAMP QUANTITIES

N. AVONDALE AVENUE /  
W. GREGORY STREET  
N. HARLEM AVE. TO N. MOODY AVE.

SCALE: N.T.S.

SHEET NO.  
63

DATE :01/12/18



ADA Ramp Survey and Typical Quantities  
N. Avondale Avenue / W. Gregory Street (N. Harlem Ave. to N. Moody Ave.)  
Arterial Street Resurfacing Project 79 - North Area  
CDOT Project No. B-4-152

Intersection of Avondale Ave./Gregory St. AND	Corner																						Comments		
		Signalized?	Existing ADA Ramp	Non-Standard Crossing	B-1-2	B-1-3	B-1-4	B-1-5	B-1-6	B-1-7	B-1-8	B-1-9	B-1-10	B-1-11	B-1-12	B-1-13	B-1-14	B-1-15	B-1-16	B-1-17	B-1-18	B-1-19		B-1-20	B-1-21
Neenah Ave.	NW																								No crossing
	NE																								No crossing
	SW		X			4A																			CPT
	SE		X																						CCIT
Natchez Ave.	NW																								No crossing
	NE																								No crossing
	SW					4A																			
	SE					4A																			
Nagle Ave.	NW	Y	X																				21S		
	NE	Y	X																				21S		
	SW	Y	X												13S										
	SE	Y	X											12S											
Mulligan Ave.	NW																								No crossing
	NE																								No crossing
	SW					4A																			Concrete on-ramp to I-90 Expwy at N side of the street
	SE					4A																			
Mobile Ave.	NW																								No crossing
	NE																								No crossing
	SW		X			4A																			CPT
	SE					4A																			
Melvina Ave.	NW																								No crossing
	NE																								No crossing
	SW					4A																			
	SE														13										
Moody Ave.	NW																								No crossing
	NE																								No crossing
	SW		X																						CCIT
	SE		X																						CCIT
PCC Sidewalk, 5 in					60	120	1854	0	0	0	0	0	240	50	200	0	0	0	0	0	0	0	144		2524 SF
PCC Sidewalk, 5 in Special					182	354	2658	0	0	0	0	0	696	0	82.5	0	0	0	0	0	0	0	96		3973 SF
PCC Sidewalk, 8 in Special					0	0	0	0	0	0	0	0	0	145	247.5	0	0	0	0	0	0	0	96		393 SF
Detectable Warning Tiles, Linear					24	48	324	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48		396 SF
Detectable Warning Tiles, Radial					0	0	0	0	0	0	0	0	135.6	28	56	0	0	0	0	0	0	0	0		220 SF
Combination Curb and Gutter Removal					40	70	885	0	0	0	0	0	135	40	124	0	0	0	0	0	0	0	84		1294 FT
Sidewalk Removal					242	474	4508	0	0	0	0	0	936	195	530	0	0	0	0	0	0	0	336		6885 SF
Combination Concrete Curb and Gutter, Type B-6.12					40	70	885	0	0	0	0	0	135	40	124	0	0	0	0	0	0	0	84		1294 FT
Side Curb at Property Line					10	20	270	0	0	0	0	0	30	26	68	0	0	0	0	0	0	0	0		424 FT



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

ADA RAMP QUANTITIES

N. AVONDALE AVENUE /  
W. GREGORY STREET  
N. HARLEM AVE. TO N. MOODY AVE.

SCALE: N.T.S.

SHEET NO.  
64

DATE :01/12/18



ADA Ramp Survey and Typical Quantities  
N. Avondale Avenue (W. Addison St. to I-90/I-94 Entrance Ramp (3532 N.))  
Arterial Street Resurfacing Project 79 - North Area  
CDOT Project No. B-4-152

Intersection of Avondale Ave. AND	Corner	Signalized?	Existing ADA Ramp	Non-Standard Crossing	B-1-2	B-1-3	B-1-4	B-1-5	B-1-6	B-1-7	B-1-8	B-1-9	B-1-10	B-1-11	B-1-12	B-1-13	B-1-14	B-1-15	B-1-16	B-1-17	B-1-18	B-1-19	B-1-20	B-1-21	Comments
Notes:																									
Addison Ave.	NW																								See Addison (Keeler to Avondale) tab.
	NE																								
	SW																								
	SE																								
Eddy St	NW																								No crossing.
	NE																								No crossing.
	SW						4																		Requires reconfiguration.
	SE					4A																			
I-90/94 Ramp to Expwy	NW																								No crossing.
	NE																								
	SW																								
	SE																								
PCC Sidewalk, 5 in				0	0	282	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	282 SF
PCC Sidewalk, 5 in Special				0	0	226	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	226 SF
PCC Sidewalk, 8 in Special				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 SF
Detectable Warning Tiles, Linear				0	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24 SF
Detectable Warning Tiles, Radial				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 SF
Combination Curb and Gutter Removal				0	0	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71 FT
Sidewalk Removal				0	0	506	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	506 SF
Combination Concrete Curb and Gutter, Type B-6.12				0	0	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71 FT
Side Curb at Property Line				0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20 FT



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

ADA RAMP QUANTITIES

N. AVONDALE AVENUE  
W. ADDISON ST. TO  
I-90/I-94 ENTRANCE RAMP (3532N.)

SCALE: N.T.S.

SHEET NO.  
65

DATE :01/12/18



ADA Ramp Survey and Typical Quantities  
N. East River Road (W. Higgins Ave. to W. Bryn Mawr Ave.)  
Arterial Street Resurfacing Project 79 - North Area  
CDOT Project No. B-4-152

Intersection of East River Rd. AND																										
	Corner	Signalized?	Existing ADA Ramp	Non-Standard Crossing	B-1-2	B-1-3	B-1-4	B-1-5	B-1-6	B-1-7	B-1-8	B-1-9	B-1-10	B-1-11	B-1-12	B-1-13	B-1-14	B-1-15	B-1-16	B-1-17	B-1-18	B-1-19	B-1-20	B-1-21	Comments	
Notes:	Entire length of this location is concrete roadway with median. Concrete is in bad shape with asphalt-filled cracks and grass growing in the concrete median. Concrete bridge over expressway in good condition.																									
Higgins Rd.	NW	Y				4S																			Forest Preserve dirt trail, no sidewalk	
	NE	Y																							No crossing or sidewalk	
	SW	Y				4S																			Intersection is asphalt. Concrete starts at return.	
	SE	Y																							No crossing or sidewalk. Detector loops.	
Bryn Mawr Ave.	NW	Y																							No crossing	
	NE	Y																								
	SW	Y				4S																				
	median	Y																		19S						
	SE	Y				4S																				
PCC Sidewalk, 5 in					0	0	888	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	888 SF	
PCC Sidewalk, 5 in Special					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 SF
PCC Sidewalk, 8 in Special					0	0	488	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70	0	0	558 SF	
Detectable Warning Tiles, Linear					0	0	48	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0	0	0	72 SF	
Detectable Warning Tiles, Radial					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 SF
Combination Curb and Gutter Removal					0	0	148	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0	0	0	180 FT	
Sidewalk Removal					0	0	1368	0	0	0	0	0	0	0	0	0	0	0	0	0	70	0	0	0	1438 SF	
Combination Concrete Curb and Gutter, Type B-6.12					0	0	148	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0	0	0	180 FT	
Side Curb at Property Line					0	0	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40 FT	



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

ADA RAMP QUANTITIES

N. EAST RIVER ROAD  
W. HIGGINS AVE. TO W. BRYN MAWR AVE.

SCALE: N.T.S.

SHEET NO.  
66

DATE :01/12/18



ADA Ramp Survey and Typical Quantities  
N. Elston Avenue (N. Melvina Ave. to W. Foster Ave.)  
Arterial Street Resurfacing Project 79 - North Area  
CDOT Project No. B-4-152

Intersection of Elston Ave. AND	Corner	Signalized?	Existing ADA Ramp	Non-Standard Crossing	B-1-2	B-1-3	B-1-4	B-1-5	B-1-6	B-1-7	B-1-8	B-1-9	B-1-10	B-1-11	B-1-12	B-1-13	B-1-14	B-1-15	B-1-16	B-1-17	B-1-18	B-1-19	B-1-20	B-1-21	Comments
Note:	For purposes of this survey only, assume N in the NB (which is actually NW) direction of travel on Elston. Conventional bike lanes on Elston.																								
Melvina Ave./ Milwaukee Ave.	NW	Y	X																						CCIT
	NE	Y	X																						CCIT
	SW	Y	X																						CCIT
	med triangle	Y	X																						CCIT
	SE	Y	X																						CCIT
Moody Ave.	NW																								No crossing
	NE					4																			
	SW																								No crossing
	SE					4																			
Matson Ave.	NW																15B								
	NE		X									11A													CCIT
	SW																								No crossing
	SE		X			4																			CPT
Miami Ave.	NW											11B													
	NE											11A													
	SW											11A													
	SE											11B													
Peterson Ave.	NW		X			4																			CPT
	NE																								No crossing
	SW					4																			
	SE																								No crossing
Austin Ave.	NW	Y				3BS																			
	NE	Y												13S											
	SW	Y						7S																	
	SE	Y											12S												
Mason Ave.	NW											11A													
	NE																15B								
	SW					4																			
	SE																								No crossing
Markham Ave. (N leg)	NW																								No crossing
	NE		X			4																			CPT
	SW																15B								
	SE		X									11A													CCIT
Markham Ave. (S leg)	NW		X			4																			CPT
	NE																								No crossing
	SW		X			4																			CPT
	SE																								No crossing
Marmora Ave.	NW		X			4																			CPT
	NE																								No crossing
	SW		X									11A													CPT
	SE																15B								
Miltimore Ave.	NW		X																						CCIT
	NE					3																			
	SW		X																						CCIT
	SE					3																			
Mango Ave.	NW					4																			
	NE																								No crossing
	SW		X									11A													CPT
	SE																15B								



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

ADA RAMP QUANTITIES

N. ELSTON AVENUE  
N. MELVINA AVE. TO W. FOSTER AVE.

SCALE: N.T.S.

SHEET NO.  
67

DATE :01/12/18



ADA Ramp Survey and Typical Quantities  
N. Elston Avenue (N. Melvina Ave. to W. Foster Ave.)  
Arterial Street Resurfacing Project 79 - North Area  
CDOT Project No. B-4-152

Intersection of Elston Ave. AND	Corner	Signalized?	Existing ADA Ramp	Non-Standard Crossing	B-1-2	B-1-3	B-1-4	B-1-5	B-1-6	B-1-7	B-1-8	B-1-9	B-1-10	B-1-11	B-1-12	B-1-13	B-1-14	B-1-15	B-1-16	B-1-17	B-1-18	B-1-19	B-1-20	B-1-21	Comments
Note:	For purposes of this survey only, assume N in the NB (which is actually NW) direction of travel on Elston. Conventional bike lanes on Elston.																								
Major Ave.	NW												11A												
	NE		X										11A												
	SW		X			3																			CPT
	SE												11A												
Parkside Ave.	NW												11A												
	NE															15B									
	SW					4																			
	SE																								No crossing
Central Ave.	NW	Y	X												13S										CPT
	NE	Y	X												13S										CPT
	SW	Y	X												13S										CPT
	SE	Y	X																						CCIT
Armstrong Ave.	NW																								No crossing
	NE														13										
	SW																								No crossing
	SE					4																			
Luna Ave.	NW		X																						CCIT
	NE																								No crossing
	SW		X			3B																			CCIT
	SE																15B								
Linder Ave.	NW					4																			
	NE																								No crossing
	SW												11A												
	SE																15B								
Bryn Mawr Ave.	NW		X												13										No crossing
	NE																								
	SW		X											12											
	SE																15B								
Long Ave.	NW		X			4																			No crossing
	NE																								
	SW		X										11B												
	SE																15B								
Lynch Ave.	NW		X																						CCIT
	NE		X																						CCIT
	SW		X																						CCIT
	SE		X																						CCIT
Ludlam Ave.	NW		X			3B												15B							CCIT
	NE																								
	SW		X																						CCIT
	SE																								No crossing
Lieb Ave.	NW	Y	X																						CCIT
	N driveway	Y	X																						CCIT
	NE	Y	X																						CCIT
	SW	Y	X																						CCIT
	S driveway	Y	X																						CCIT
	SE	Y	X																						No crossing



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

ADA RAMP QUANTITIES

N. ELSTON AVENUE  
N. MELVINA AVE. TO W. FOSTER AVE.

SCALE: N.T.S.

SHEET NO.  
68

DATE :01/12/18



ADA Ramp Survey and Typical Quantities  
N. Elston Avenue (N. Melvina Ave. to W. Foster Ave.)  
Arterial Street Resurfacing Project 79 - North Area  
CDOT Project No. B-4-152

Intersection of Elston Ave. AND	Corner	Signalized?	Existing ADA Ramp	Non-Standard Crossing	B-1-2	B-1-3	B-1-4	B-1-5	B-1-6	B-1-7	B-1-8	B-1-9	B-1-10	B-1-11	B-1-12	B-1-13	B-1-14	B-1-15	B-1-16	B-1-17	B-1-18	B-1-19	B-1-20	B-1-21	Comments
Note:	For purposes of this survey only, assume N in the NB (which is actually NW) direction of travel on Elston. Conventional bike lanes on Elston.																								
Latrobe Ave.	NW		X			4														19					Remove E-facing ramp.
	N driveway																								
	NE																								No crossing
	SW		X			4																			
	S driveway																			19					
Laramie Ave.	SE																								No crossing
	NW	Y	X																						CCIT
	NE	Y	X																						CCIT
	SW	Y	X																						CCIT
Leamington Ave.	SE	Y	X																						CCIT
	NW		X			3B																			CCIT @ NW corner and CPT @ SW corner. Intersection recently resurfaced.
	NE															15B									
	SW		X			4																			
5312 N. Elston Ave.	SE																								
	NW	Y	X													15B									Metra Station
	NE	Y	X													15B									
LeClaire Ave.	NW		X			4																			CPT
	NE																								No crossing
	SW		X			4																			CPT
	SE																								No crossing
5300 N. Elston Ave.	Viaduct																								
Forest Glen Ave.	NW																								No crossing
	NE	Y	X			4S																			
	SW	Y	X														16AS								
	SE	Y	X			4																			
	SSE	Y	X														16AS								
Lawler Ave.	NW																								No crossing
	NE		X			4A																			
	SW																15B								
	SE		X									11B													
Laporte Ave.	NW																								No crossing
	NE	Y	X			4S																			
	SW																								No crossing
	SE		X											13											
Foster Ave.	NW	Y	X											13S											
	NE	Y	X			4S																			
	SW	Y	X										12S												
	SE	Y	X											13S											
PCC Sidewalk, 5 in					0	1198	5388	0	0	96	0	0	0	1040	150	450	0	1800	190	0	0	0	0	0	10312 SF
PCC Sidewalk, 5 in Special					0	819	2666	0	0	0	0	0	0	4216	145	247.5	0	2040	0	0	0	140	0	0	10274 SF
PCC Sidewalk, 8 in Special					0	103	366	0	0	126	0	0	0	0	290	495	0	0	192	0	0	0	0	0	1572 SF
Detectable Warning Tiles, Linear					0	168	300	0	0	0	0	0	0	288	0	0	0	180	24	0	0	48	0	0	1008 SF
Detectable Warning Tiles, Radial					0	0	0	0	0	26	0	0	0	180.8	84	126	0	0	0	0	0	0	0	0	417 SF
Combination Curb and Gutter Removal					0	255	922	0	0	33	0	0	0	696	120	279	0	240	52	0	0	64	0	0	2661 FT
Sidewalk Removal					0	2120	8372	0	0	222	0	0	0	5256	585	1193	0	3840	382	0	0	140	0	0	22110 SF
Combination Concrete Curb and Gutter, Type B-6.12					0	255	922	0	0	33	0	0	0	696	120	279	0	240	52	0	0	64	0	0	2661 FT
Side Curb at Property Line					0	70	250	0	0	10	0	0	0	160	78	153	0	0	40	0	0	0	0	0	761 FT



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

ADA RAMP QUANTITIES

N. ELSTON AVENUE  
N. MELVINA AVE. TO W. FOSTER AVE.

SCALE: N.T.S.

SHEET NO.  
69

DATE :01/12/18



ADA Ramp Survey and Typical Quantities  
N. Kedzie Avenue (W. Palmer St. to W. North Ave.)  
Arterial Street Resurfacing Project 79 - North Area  
CDOT Project No. B-4-152

Intersection of Kedzie Ave. AND	Corner	Comments																							
		Signalized?	Existing ADA Ramp	Non-Standard Crossing	B-1-2	B-1-3	B-1-4	B-1-5	B-1-6	B-1-7	B-1-8	B-1-9	B-1-10	B-1-11	B-1-12	B-1-13	B-1-14	B-1-15	B-1-16	B-1-17	B-1-18	B-1-19	B-1-20	B-1-21	
Notes:	Conventional bike lanes. NB Kedzie is in good condition from North to approx. 100LF S of Bloomingdale Trail. Concrete pavement (both directions) from approx. 100LF S of Bloomingdale Trail to approx. 100LF S of Moffat St.																								
Palmer Sq./Ct. (North)	NW	Y				4BS																			No crossing
	NE	Y				4BS																			
	SW	Y																							No crossing
	SE	Y																							No crossing
Palmer Sq./Ct. (South)	NW	Y																							No crossing
	NE	Y				4S																			
	SW	Y														15BS									
	SE	Y									11AS														
Dickens Ave.	NW					4																			No crossing
	NE																								No crossing
	SW					4																			No crossing
	SE																								No crossing
McLean Ave.	NW																								CCIT
	NE																								No crossing
	SW																								CCIT
	SE																								No crossing
Armitage Ave.	NW	Y												12S											CCIT
	NE	Y																							
	SW	Y				3BS																			
	SE	Y	X			3BS																			CPT
Homer St.	NW																								No crossing.
	NE		X			4A																			CPT
	SW																								No crossing.
	SE		X			4A																			CPT
Cortland Ave.	NW					3B																			
	N median																			19					
	NE		X			3A																			
	SW					3																			
	S median																			19					
Moffat St	NW																								No crossing.
	NE		X			4																			No crossing.
	SW																								
	SE		X			4A																			
Bloomingdale Ave. (North) - alley	NW																								No crossing.
	NE					4																			Bloomingdale Trail overhead.
	SW																								No crossing.
	SE					4																			
Bloomingdale Ave. (South)	NW																								No crossing.
	NE					4																			Bloomingdale Trail overhead.
	SW																								No crossing.
	SE					4A																			
Wabansia Ave.	NW		X			3																			CPT
	NE		X			3A																			Replace S-facing ramp tiles.
	SW					3																			
	SE					3B																			
North Ave.	NW	Y				3BS																			
	NE	Y	X											13S											
	SW	Y							7S																
	SE	Y											12S												
PCC Sidewalk, 5 in					0	1562	1794	0	0	96	0	0	0	60	100	50	0	120	0	0	0	0	0	0	3782 SF
PCC Sidewalk, 5 in Special					0	1247	1148	0	0	0	0	0	0	0	0	0	0	0	0	0	140	0	0	0	2535 SF
PCC Sidewalk, 8 in Special					0	309	122	0	0	126	0	0	0	274	290	82.5	0	136	0	0	0	0	0	0	1340 SF
Detectable Warning Tiles, Linear					0	264	132	0	0	0	0	0	0	24	0	0	0	12	0	0	0	48	0	0	480 SF
Detectable Warning Tiles, Radial					0	0	0	0	0	26	0	0	0	0	56	14	0	0	0	0	0	0	0	0	96 SF
Combination Curb and Gutter Removal					0	396	395	0	0	33	0	0	0	43	80	31	0	16	0	0	0	64	0	0	1058 FT
Sidewalk Removal					0	3118	3050	0	0	222	0	0	0	334	390	132.5	0	256	0	0	0	140	0	0	7643 SF
Combination Concrete Curb and Gutter, Type B-6.12					0	396	395	0	0	33	0	0	0	43	80	31	0	16	0	0	0	64	0	0	1058 FT
Side Curb at Property Line					0	110	110	0	0	10	0	0	0	10	52	17	0	0	0	0	0	0	0	0	309 FT



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

ADA RAMP QUANTITIES

N. KEDZIE AVENUE  
W. PALMER ST. TO W. NORTH AVE.

SCALE: N.T.S.

SHEET NO.  
70

DATE :01/12/18



ADA Ramp Survey and Typical Quantities  
N. Kostner Avenue (W. Diversey Ave. to W. Fullerton Ave.)  
Arterial Street Resurfacing Project 79 - North Area  
CDOT Project No. B-4-152

Intersection of Kostner Ave. AND	Corner	Signalized?	Existing ADA Ramp	Non-Standard Crossing	B-1-2	B-1-3	B-1-4	B-1-5	B-1-6	B-1-7	B-1-8	B-1-9	B-1-10	B-1-11	B-1-12	B-1-13	B-1-14	B-1-15	B-1-16	B-1-17	B-1-18	B-1-19	B-1-20	B-1-21	Comments
Notes:	Kostner recently resurfaced from Diversey Ave. (S of intersection) to Drummond Pl.																								
Diversey Ave.	NW	Y	X												13S										CCIT and CPT; intersection resurfaced under 2014 AR: Diversey from Laramie to Pulaski
	NE	Y	X												13S										
	SW	Y	X																						
	SE	Y	X																						
Parker Ave. (E leg)	NE		X		2A																				Install skewed crosswalk.
	SE		X				4B																		CPT; remove W-facing ramp.
Parker Ave. (W leg)	NW				2A																				CCIT
	SW				2A																				CCIT
	SE						4B																		CCIT
Schubert Ave.	NW		X																						CCIT
	NE		X																						CCIT
	SW		X																						CCIT
	SE		X																						CCIT
Drummond Pl.	NW		X																						CCIT
	NE		X																						CCIT
	SW		X																						CCIT
	SE				2A																				CCIT
Wrightwood Ave. (W leg, WB)	NW		X																						CCIT
	NE																								No crossing
	SW		X																						CCIT
	SE																								No crossing
Wrightwood Ave. (W leg, EB)	NW		X																						CCIT
	NE																								No crossing
	SW		X		2A																				CPT
	SE															15A									
Wrightwood Ave. (E leg)	NW															15A									Guardrail S of ramp
	NE		X																						CCIT
	SW															15A									Crossing into driveway; skew crossing
	SE				2A																				
Deming Pl.	NW		X		2A																				CPT
	NE															15B									
	SW		X		2A																				CPT
	SE															15B									
Altgeld St (W leg)	NW		X		2A																				CPT
	NE															15A									
	SW																								See NW corner of E leg
	SE																								See NE corner of E leg
Altgeld St (E leg)	NW		X		2A																				CPT
	NE		X		2A																				CPT
	SW															15A									
	SE				2A																				
Montana St	NW		X		2A																				CPT
	NE															15A									
	SW		X		2A																				
	SE															15A									
Fullerton Ave.	NW	Y										11AS													
	NE	Y								7S															
	SW	Y								7S															
	SE	Y								7S															
PCC Sidewalk, 5 in					840	154	60	0	0	0	0	0	60	0	100	0	744	0	0	0	0	0	0	0	1958 SF
PCC Sidewalk, 5 in Special					2548	0	84	0	0	0	0	0	0	0	0	0	818	0	0	0	0	0	0	0	3450 SF
PCC Sidewalk, 8 in Special					0	170	0	0	0	0	0	0	274	0	165	0	0	0	0	0	0	0	0	0	609 SF
Detectable Warning Tiles, Linear					336	24	48	0	0	0	0	0	24	0	0	0	108	0	0	0	0	0	0	0	540 SF
Detectable Warning Tiles, Radial					0	0	0	0	0	0	0	0	0	0	28	0	0	0	0	0	0	0	0	0	28 SF
Combination Curb and Gutter Removal					560	37	42	0	0	0	0	0	0	43	0	62	0	158	0	0	0	0	0	0	902 FT
Sidewalk Removal					3388	324	144	0	0	0	0	0	0	334	0	265	0	1562	0	0	0	0	0	0	6017 SF
Combination Concrete Curb and Gutter, Type B-6.12					560	37	42	0	0	0	0	0	0	43	0	62	0	158	0	0	0	0	0	0	902 FT
Side Curb at Property Line					140	10	20	0	0	0	0	0	0	10	0	34	0	0	0	0	0	0	0	0	214 FT



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

ADA RAMP QUANTITIES

N. KOSTNER AVENUE  
W. DIVERSEY AVE. TO W. FULLERTON AVE.

SCALE: N.T.S.

SHEET NO.  
71

DATE :01/12/18



ADA Ramp Survey and Typical Quantities  
N. Oak Park Avenue (W. Armitage Ave. to W. North Ave.)  
Arterial Street Resurfacing Project 79 - North Area  
CDOT Project No. B-4-152

Intersection of Oak Park Ave. AND	Corner	Signalized?	Existing ADA Ramp	Non-Standard Crossing	B-1-2	B-1-3	B-1-4	B-1-5	B-1-6	B-1-7	B-1-8	B-1-9	B-1-10	B-1-11	B-1-12	B-1-13	B-1-14	B-1-15	B-1-16	B-1-17	B-1-18	B-1-19	B-1-20	B-1-21	Comments
Notes:																									
Armitage Ave.	NW		X																						CCIT
	NE		X		3																				CCIT
	SW		X																						CCIT
	SE		X																						CCIT
Cortland St.	NW		X		2A																				
	NE		X		2A																				
	SW		X																						CCIT
	SE		X		2A																				
Bloomingdale Ave.	NW		X																						CCIT
	NE				2A																				
	SW		X																						CCIT
	SE		X																						CCIT
Wabansia Ave.	NW		X		2A																				
	NE		X		2A																				
	SW		X		2A																				
	SE		X		2A																				
North Ave. (Oak Park N leg)	NW	Y	X			4S																			
	NE	Y	X										12S												CPT
	SW	Y																							No crossing
	SE	Y	X													15AS									CPT
North Ave. (Oak Park S leg)	NW	Y	X													15BS									CPT
	NE	Y																							No crossing
	SW	Y	X		2BS																				CPT
	SE	Y	X			4S																			MH obstruction in ramp
PCC Sidewalk, 5 in				728	154	444	0	0	0	0	0	0	0	50	0	0	192	0	0	0	0	0	0	0	1568 SF
PCC Sidewalk, 5 in Special				1456	170	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1626 SF
PCC Sidewalk, 8 in Special				215	0	244	0	0	0	0	0	0	0	145	0	0	214	0	0	0	0	0	0	0	818 SF
Detectable Warning Tiles, Linear				216	24	24	0	0	0	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0	288 SF
Detectable Warning Tiles, Radial				0	0	0	0	0	0	0	0	0	0	28	0	0	0	0	0	0	0	0	0	0	28 SF
Combination Curb and Gutter Removal				365	37	74	0	0	0	0	0	0	0	40	0	0	34	0	0	0	0	0	0	0	550 FT
Sidewalk Removal				2399	324	684	0	0	0	0	0	0	0	195	0	0	406	0	0	0	0	0	0	0	4008 SF
Combination Concrete Curb and Gutter, Type B-6.12				365	37	74	0	0	0	0	0	0	0	40	0	0	34	0	0	0	0	0	0	0	550 FT
Side Curb at Property Line				90	10	20	0	0	0	0	0	0	0	26	0	0	0	0	0	0	0	0	0	0	146 FT



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

ADA RAMP QUANTITIES

N. OAK PARK AVENUE  
W. ARMITAGE AVE. TO W. NORTH AVE.

SCALE: N.T.S.

SHEET NO.  
72

DATE :01/12/18



ADA Ramp Survey and Typical Quantities  
N. Ridge Boulevard / N. Ravenswood Avenue (W. Norwood St. to W. Devon Ave.)  
Arterial Street Resurfacing Project 79 - North Area  
CDOT Project No. B-4-152

Intersection of Ridge Ave. AND	Corner	Signalized?	Existing ADA Ramp	Non-Standard Crossing	B-1-2	B-1-3	B-1-4	B-1-5	B-1-6	B-1-7	B-1-8	B-1-9	B-1-10	B-1-11	B-1-12	B-1-13	B-1-14	B-1-15	B-1-16	B-1-17	B-1-18	B-1-19	B-1-20	B-1-21	Comments
Norwood Ave.	NW				3																				Intersection resurfaced under 2016 AR
	NE					4A																			
	SW					4A																			Ridge from Ravenswood to Peterson
	SE		X																						CCIT
Ridge Ave. (E leg)	NW																								Intersection resurfaced under 2016 AR: Ridge from Ravenswood to Peterson. No crossing; crossing at Norwood.
	NE																								
	SW																								
	SE																								
Hood Ave.	NW					4A																			
	NE																								No crossing
	SW					4A																			
	SE																								No crossing
Granville Ave.	NW	Y	X			3AS																			
	NE	Y	X			3S																			
	SW	Y	X		2S																				
	SE	Y	X																						CCIT
Thome Ave.	NW				3A																				
	NE			2B																					
	SW				3A																				
	SE		X					7																	
Ravenswood Ave.	NW					4																			
	NE					4																			
Devon Ave.	NW	Y	X																						CCIT; IDOT to resurface Ridge from Devon to Fargo in 2017. Is this intersection included? NE corner currently under construction.
	NE	Y	X																						
	SW	Y	X																						
	SE	Y	X																						
PCC Sidewalk, 5 in					248	274	684	0	0	96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1302 SF
PCC Sidewalk, 5 in Special					215	524	660	0	0	126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1525 SF
PCC Sidewalk, 8 in Special					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 SF
Detectable Warning Tiles, Linear					24	72	72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	168 SF
Detectable Warning Tiles, Radial					0	0	0	0	0	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26 SF
Combination Curb and Gutter Removal					45	107	210	0	0	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	395 FT
Sidewalk Removal					463	798	1340	0	0	222	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2823 SF
Combination Concrete Curb and Gutter, Type B-6.12					45	107	210	0	0	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	395 FT
Side Curb at Property Line					10	30	60	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	110 FT



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

ADA RAMP QUANTITIES

N. RIDGE BOULEVARD /  
N. RAVENSWOOD AVENUE  
W. NORWOOD ST. TO W. DEVON AVE.

SCALE: N.T.S.

SHEET NO.  
73

DATE :01/12/18



ADA Ramp Survey and Typical Quantities  
N. Sacramento Avenue (W. Palmer Street to N. Milwaukee Avenue)  
Arterial Street Resurfacing Project 79 - North Area  
CDOT Project No. B-4-152

Intersection of Sacramento Ave. AND	Corner	Signalized?	Existing ADA Ramp	Non-Standard Crossing	B-1-2	B-1-3	B-1-4	B-1-5	B-1-6	B-1-7	B-1-8	B-1-9	B-1-10	B-1-11	B-1-12	B-1-13	B-1-14	B-1-15	B-1-16	B-1-17	B-1-18	B-1-19	B-1-20	B-1-21	Comments
Notes:																									
Palmer Sq. (EB)	NW	Y																							No crossing
	NE	Y																							No crossing
	SW	Y					4BS																		
	SE	Y					4BS																		
Palmer Sq. (WB)	NW	Y	X										11AS												
	NE	Y											11AS												
	SW	Y	X				4S																		
	SE	Y															16AS								
Lyndale St.	NW					3B																			
	NE					3B																			
	SW					3B																			
	SE					3																			
Belden Ave.	NW					3A																			
	NE					3A																			
	SW					3A																			
	SE		X			3B																			
Medill Ave.	NW												11A												
	NE		X																						CCIT
	SW												11B												
	SE		X																						CCIT
Fullerton Ave.	NW	Y	X												13S										
	NE	Y	X																						CCIT
	SW	Y	X												13S										
	SE	Y	X						7S																
2406 N. Sacramento	CTA railroad tracks overhead																								
Linden Pl.	NW		X																						CCIT
	NE																								No crossing
	SW		X																						CCIT
	SE																								No crossing
Milwaukee Ave.	NW	Y	X																						CCIT
	NE	Y	X																						CCIT
	SW	Y	X																						CCIT
	SE	Y	X																						CCIT
PCC Sidewalk, 5 in					0	1070	222	0	0	96	0	0	0	260	0	100	0	0	95	0	0	0	0	0	1843 SF
PCC Sidewalk, 5 in Special					0	1113	0	0	0	0	0	0	0	506	0	0	0	0	0	0	0	0	0	0	1619 SF
PCC Sidewalk, 8 in Special					0	0	122	0	0	126	0	0	0	548	0	165	0	0	96	0	0	0	0	0	1057 SF
Detectable Warning Tiles, Linear					0	192	12	0	0	0	0	0	0	72	0	0	0	0	12	0	0	0	0	0	288 SF
Detectable Warning Tiles, Radial					0	0	0	0	0	26	0	0	0	45.2	0	28	0	0	0	0	0	0	0	0	99 SF
Combination Curb and Gutter Removal					0	286	37	0	0	33	0	0	0	174	0	62	0	0	26	0	0	0	0	0	618 FT
Sidewalk Removal					0	2183	342	0	0	222	0	0	0	1314	0	265	0	0	191	0	0	0	0	0	4517 SF
Combination Concrete Curb and Gutter, Type B-6.12					0	286	37	0	0	33	0	0	0	174	0	62	0	0	26	0	0	0	0	0	618 FT
Side Curb at Property Line					0	80	10	0	0	10	0	0	0	40	0	34	0	0	20	0	0	0	0	0	194 FT



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

ADA RAMP QUANTITIES

N. SACRAMENTO AVENUE  
W. PALMER ST. TO N. MILWAUKEE AVE.

SCALE: N.T.S.

SHEET NO.  
74

DATE :01/12/18



ADA Ramp Survey and Typical Quantities  
W. Wilson Avenue (N. Damen Ave. to N. Lake Shore Dr.)  
Arterial Street Resurfacing Project 79 - North Area  
CDOT Project No. B-4-152

Intersection of Wilson Ave. AND	Corner	Signalized?	Existing ADA Ramp	Non-Standard Crossing	B-1-2	B-1-3	B-1-4	B-1-5	B-1-6	B-1-7	B-1-8	B-1-9	B-1-10	B-1-11	B-1-12	B-1-13	B-1-14	B-1-15	B-1-16	B-1-17	B-1-18	B-1-19	B-1-20	B-1-21	Comments
Notes:	Shared bike lane markings																								
Damen Ave.	NW	Y	X																						
	NE	Y	X																						
	SW	Y	X																						
	SE	Y	X																						
Winchester Ave.	NW		X																						CCIT
	NE		X																						CCIT
	SW		X																						CCIT w/ in-street pedestrian signs
	SE		X																						
Wolcott Ave.	NW		X		2A																				
	NE		X		2A																				
	SW		X		2A																				
	SE		X		2																				
1815 W. Wilson	Overhead CTA railroad tracks																								
Ravenswood Ave. (SB)	NW					3A																			
	NE		X																						CCIT
	SW					3A																			
	SE		X																						CCIT
Ravenswood Ave. (NB)	NW		X			3B																			CPT
	NE					3B																			
	SW		X			3																			CPT
	SE				2B																				
Hermitage Ave.	NW		X		2B																				
	NE		X		2A																				CPT
	SW		X		2A																				
	SE		X		2A																				CPT
Paulina St.	NW		X		2A																				CPT
	NE		X		2A																				CPT
	SW		X		2A																				CPT
	SE		X		2A																				CPT
Ashland Ave.	NW	Y	X																						CCIT
	NE	Y	X																						CCIT
	SW	Y	X																						CCIT
	SE	Y	X																						CCIT
Greenview Ave.	NW		X												15A										
	NE																								No crossing
	SW		X			3B																			CPT
	SE		X			4B																			CPT
Clark St.	NW	Y	X			3BS																			decorative crosswalk
	NE	Y	X			3BS																			decorative crosswalk
	SW	Y	X			3BS																			decorative crosswalk
	SE	Y	X			3BS																			decorative crosswalk
Dover St.	NW		X			3A																			CPT. Intersection resurfaced as recently as September 2016.
	NE		X		2																				
	SW		X			3A																			
	SE		X		2																				
Beacon St.	NW				2A																				Salvage and re-install ecorative brick in landscape area.
	NE					3																			
	SW		X			3A																			
	SE		X		2																				
Malden St.	NW		X																						CCIT
	NE		X																						CCIT
	SW				2																				
	SE				2B																				



REVISIONS				
NO.	BY	DATE	DESCRIPTION	

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

ADA RAMP QUANTITIES

W. WILSON AVENUE  
N. DAMEN AVE. TO N. LAKE SHORE DR.

SCALE: N.T.S.

SHEET NO.  
75

DATE :01/12/18



ADA Ramp Survey and Typical Quantities  
W. Wilson Avenue (N. Damen Ave. to N. Lake Shore Dr.)  
Arterial Street Resurfacing Project 79 - North Area  
CDOT Project No. B-4-152

Intersection of Wilson Ave. AND	Corner	Non-Standard Crossing																					Comments		
		Signalized?	Existing ADA Ramp	B-1-2	B-1-3	B-1-4	B-1-5	B-1-6	B-1-7	B-1-8	B-1-9	B-1-10	B-1-11	B-1-12	B-1-13	B-1-14	B-1-15	B-1-16	B-1-17	B-1-18	B-1-19	B-1-20		B-1-21	
Magnolia Ave.	NW		X																					CCIT	
	NE		X																					CCIT	
	SW		X																					CCIT	
	SE		X																					CCIT	
Racine Ave.	NW	Y	X		2BS																				
	NE	Y	X		2BS																				
	SW	Y	X		2BS																			CPT; decorative E-W crosswalk	
	SE	Y	X		2BS																			CPT; decorative E-W crosswalk	
Clifton Ave.	NW						4																		
	NE						4																		
	SW																							No crossing	
	SE																							No crossing	
1110 W. Wilson Ave.	CTA railroad tracks overhead; station.																								
Broadway	NW	Y	X											12S											CPT
	NE	Y				3BS																			
	SW	Y	X											12S											CPT; decorative E-W crosswalk
	SE	Y	X											12S											CPT; decorative E-W crosswalk
Kenmore Ave.	NW		X																						CCIT. Intersection resurfaced as recently as September 2016.
	NE		X																						
	SW		X																						
	SE		X																						
Sheridan Rd.	NW	Y			2BS																				CCIT
	NE	Y																							CPT
	SW	Y	X		2BS																				CPT
	SE	Y	X			3BS																			
Hazel St.	NW		X														15B								
	NE																15B								
	SW					2B																			
	SE		X				3A																		
Clarendon Ave.	NW	Y	X																						CCIT
	NE	Y	X																						CCIT
	SW	Y	X			3BS																			CPT
	SE	Y	X			3BS																			CPT
Marine Dr.	NW	Y	X																						CCIT; resurfaced under 2015 AR: Marine Drive from Foster to Montrose.
	NE	Y	X																						
	SW	Y	X																						
	SE	Y	X																						
Lake Shore Drive SB On & Off Ramps	NW		X				4B																		CPT
	NE		X				4B																		CPT
	SW		X				4B																		CPT
	SE		X				4B																		CPT
Lake Shore Drive	Overpass																								
Lake Shore Drive NB On & Off Ramps	NW		X				4B																		CPT
	NE		X											13											CPT
	SW		X				4B																		CPT
	SE		X											13											CPT
PCC Sidewalk, 5 in					3590	3184	654	0	0	0	0	0	0	150	100	0	312	0	0	0	0	0	0	0	7990 SF
PCC Sidewalk, 5 in Special					4137	1711	538	0	0	0	0	0	0	0	165	0	350	0	0	0	0	0	0	0	6901 SF
PCC Sidewalk, 8 in Special					1290	1267	0	0	0	0	0	0	0	435	0	0	0	0	0	0	0	0	0	0	2992 SF
Detectable Warning Tiles, Linear					624	528	108	0	0	0	0	0	0	0	0	0	36	0	0	0	0	0	0	0	1296 SF
Detectable Warning Tiles, Radial					0	0	0	0	0	0	0	0	0	84	28	0	0	0	0	0	0	0	0	0	112 SF
Combination Curb and Gutter Removal					1080	790	221	0	0	0	0	0	0	120	62	0	50	0	0	0	0	0	0	0	2323 FT
Sidewalk Removal					9017	6162	1188	0	0	0	0	0	0	585	265	0	662	0	0	0	0	0	0	0	17879 SF
Combination Concrete Curb and Gutter, Type B-6.12					1080	790	221	0	0	0	0	0	0	120	62	0	50	0	0	0	0	0	0	0	2323 FT
Side Curb at Property Line					260	220	90	0	0	0	0	0	0	78	34	0	0	0	0	0	0	0	0	0	682 FT



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

ADA RAMP QUANTITIES

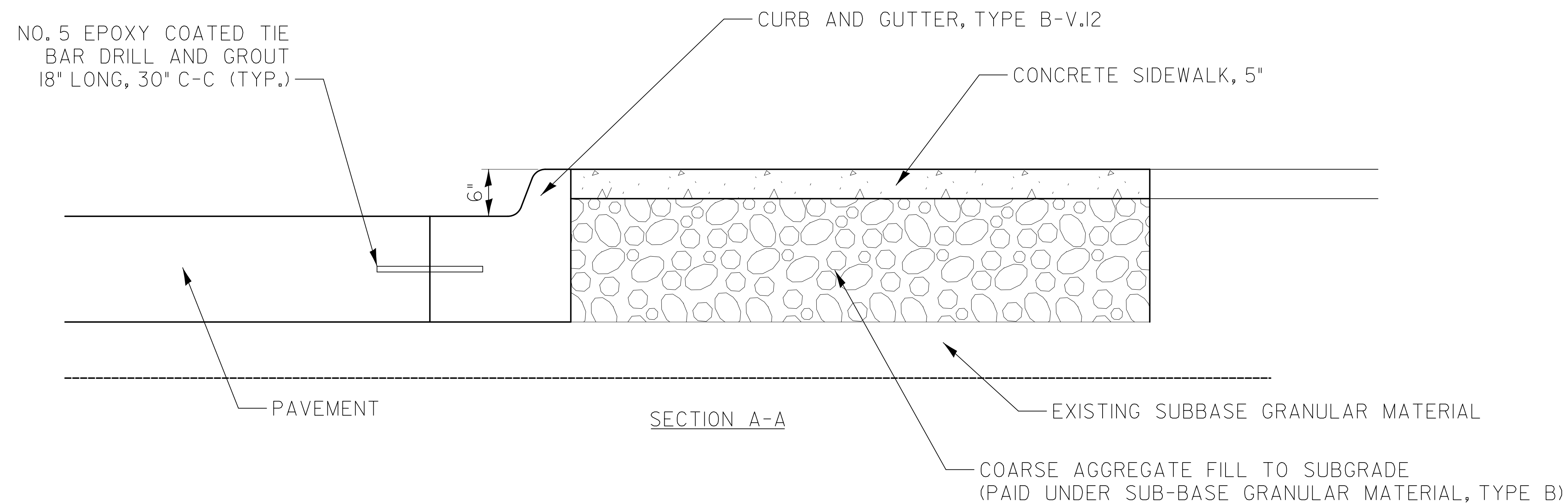
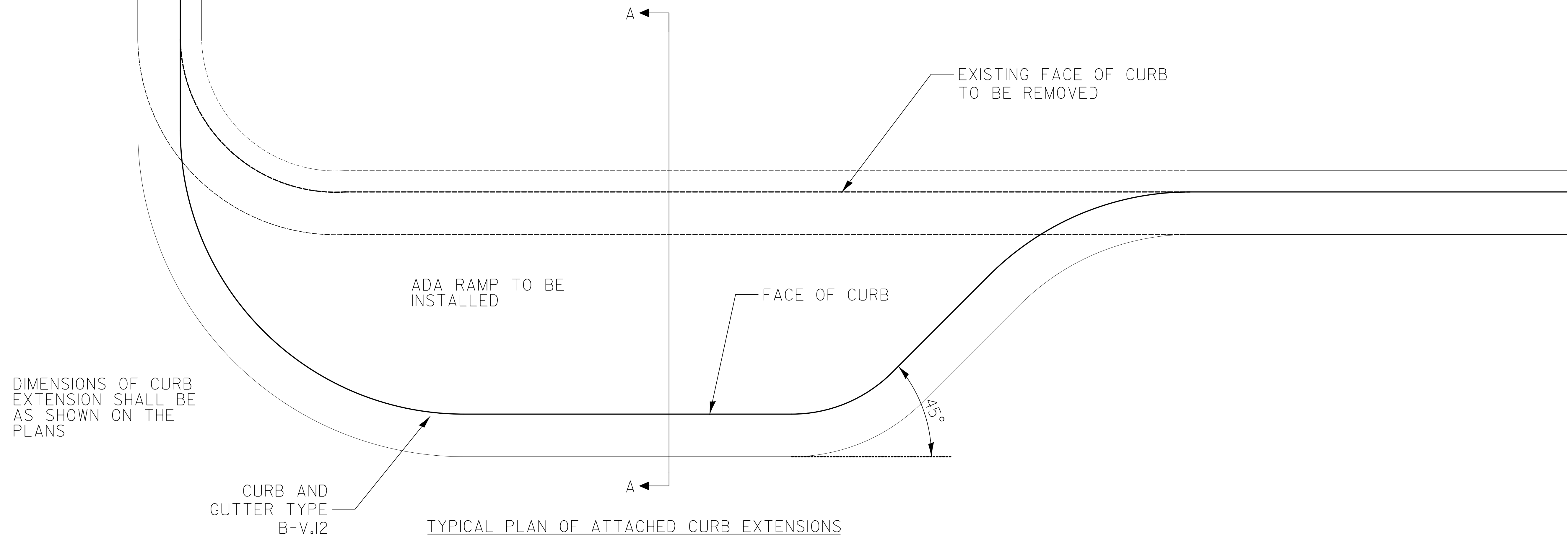
W. WILSON AVENUE  
N. DAMEN AVE. TO N. LAKE SHORE DR.

SCALE: N.T.S.

SHEET NO.  
76

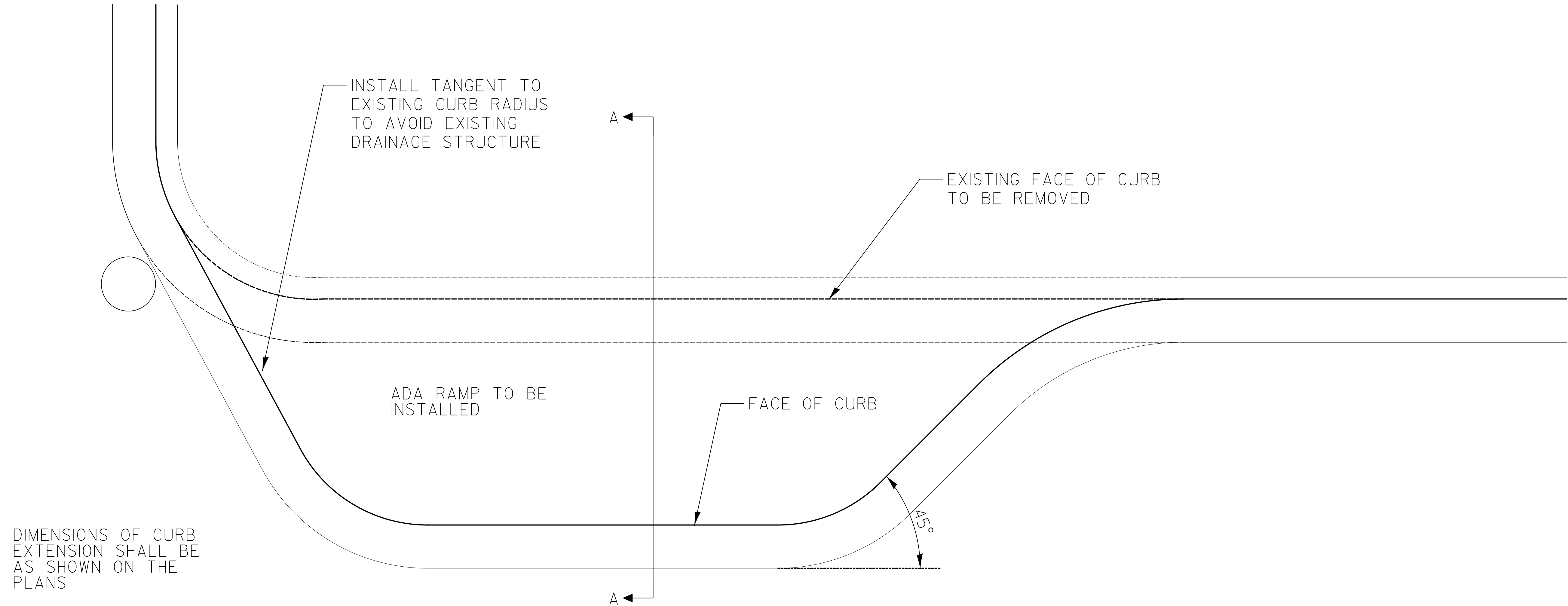
DATE: 01/12/18



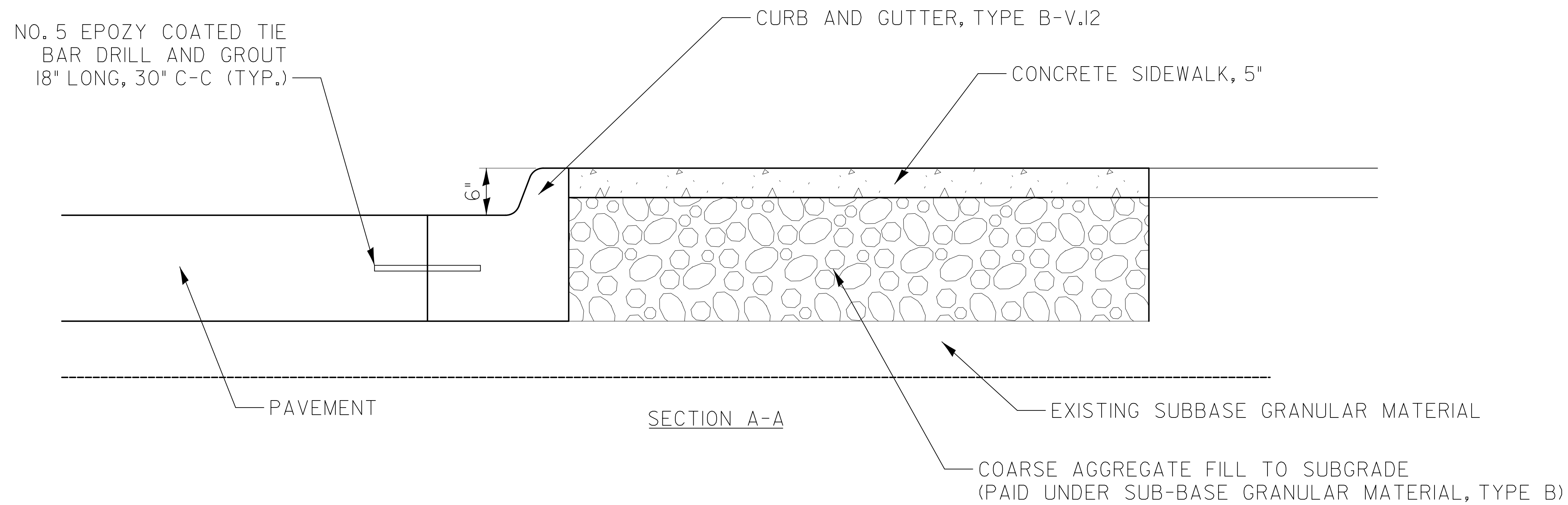


REVISIONS			
NO.	BY	DATE	DESCRIPTION





TYPICAL PLAN OF ATTACHED CURB EXTENSIONS



SECTION A-A



REVISIONS				
NO.	BY	DATE	DESCRIPTION	

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

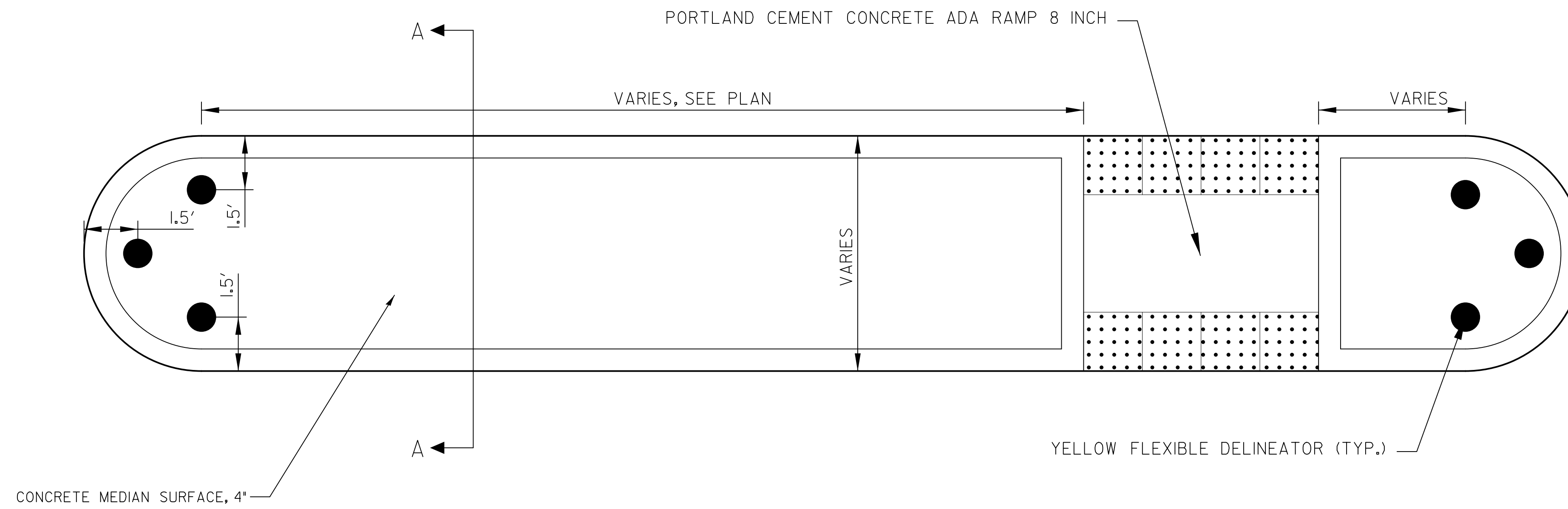
DETAILS

ATTACHED CURB EXTENSION

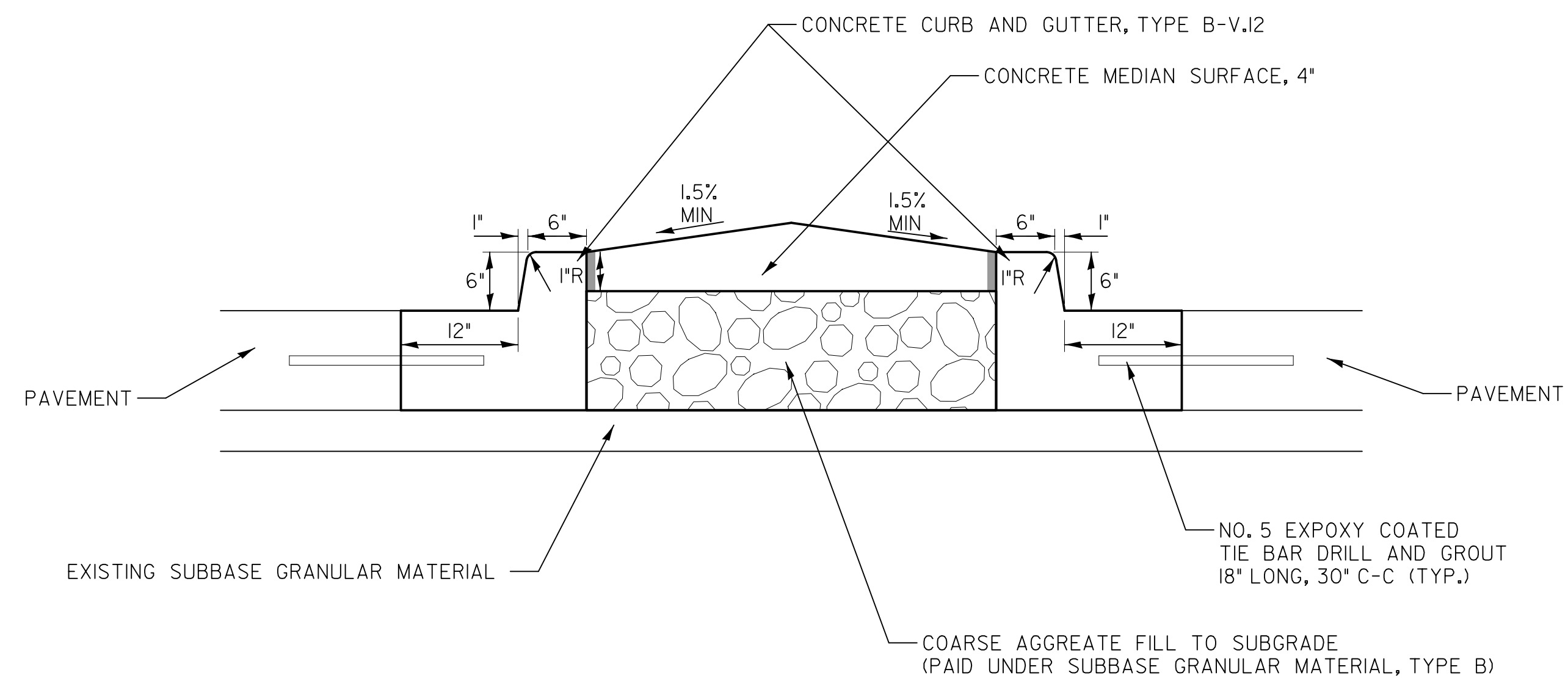
SHEET NO.  
78

DATE: 01/12/18





DETAILS FOR PEDESTRIAN REFUGE ISLAND



SECTION A-A

REVISIONS				
NO.	BY	DATE	DESCRIPTION	







## APPENDIX B: ADA STANDARDS

Provided hereinafter are the latest Department of Transportation ADA Standards which must be followed for infrastructure construction in the Public Way. Please be advised that these may be revised without notice because of new standards and regulations imposed by the Federal, State and Local Governments.

## APPENDIX B - ADA STANDARDS TABLE OF CONTENTS

### SECTION 1 - PLAN SHEETS

SHEET#	SHEET NAME
B-1-1	TYPICAL CORNER RAMP LAYOUTS
B-1-2	2 PERPENDICULAR RAMPS AT CORNER
B-1-3	2 PERPENDICULAR RAMPS AT CORNER WITH RAMPS IN CURB RADIUS
B-1-4	PERPENDICULAR RAMP AT CORNER IN CURB RADIUS WITH SINGLE CROSSING
B-1-5	PERPENDICULAR RAMP AT CORNER IN CURB RADIUS WITH DETECTABLE WARNING SETBACK GREATER THAN 5'
B-1-6	COMBINATION RAMP AT CORNER (PARALLEL AND PERPENDICULAR RAMPS)
B-1-7	BLENDED TRANSITION AT CORNER
B-1-8	BLENDED TRANSITION AT CORNER WITH SINGLE CROSSING
B-1-9	FLUSH TRANSITION AT CORNER
B-1-10	SHARED (DIAGONAL) PERPENDICULAR RAMP AT CORNER
B-1-11	RAMPS AT CORNER WITH DIFFERENT SIDEWALK WIDTHS
B-1-12	PERPENDICULAR RAMPS AT CORNER WITH LARGE CURB RADIUS
B-1-13	BLENDED TRANSITION AT CORNER WITH LARGE CURB RADIUS
B-1-14	RAMPS THAT DO NOT ALIGN WITH CROSSWALK
B-1-15	PERPENDICULAR RAMP AT MID-BLOCK LOCATION
B-1-16	PARALLEL RAMP AT MID-BLOCK LOCATION
B-1-17	PARALLEL RAMP (ONE DIRECTION) AT MID-BLOCK LOCATION
B-1-18	COMBINATION RAMP (PARALLEL AND PERPENDICULAR RAMPS) AT MID-BLOCK LOCATION
B-1-19	MEDIAN PASS-THROUGH
B-1-20	MEDIAN PASS-THROUGH WITH RAMPS
B-1-21	ON-GRADE RAMP AT BRIDGE OR OVERPASS

### SECTION 2 - ALLEY AND DRIVEWAY SHEETS

SHEET#	SHEET NAME
B-2-1	ALLEY RETURN PLAN VIEW
B-2-2	ALLEY RETURN SECTIONS
B-2-3	DRIVEWAY CONSTRUCTION PLAN VIEWS
B-2-4	DRIVEWAY CONSTRUCTION SECTIONS
B-2-5	ALLEY & DRIVEWAY DETAIL FOR REDUCED WIDTH PEDESTRIAN ACCESS ROUTE

### SECTION 3 - NOTES

SHEET#	SHEET NAME
B-3-1	CONVERSION CHARTS
B-3-2	GENERAL NOTES
B-3-3	GENERAL NOTES (CONTINUED)
B-3-4	ADA COMPLIANCE AND TRANSITION GUIDELINES
B-3-5	SEAL

### SECTION 4 - DETAILS

SHEET#	SHEET NAME
B-4-1	DETECTABLE WARNING UNIT SIZES
B-4-2	DETECTABLE WARNING DETAILS
B-4-3	CURB & GUTTER DETAILS



DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/05/09	REVISION 4
08/10/12	REVISION 5

CITY OF CHICAGO  
TABLE OF CONTENTS  
SCALE: NOT TO SCALE  
DATE: 10/23/2008  
DRAWN BY: CDOT  
CHECKED BY: LCM

### NOTES:

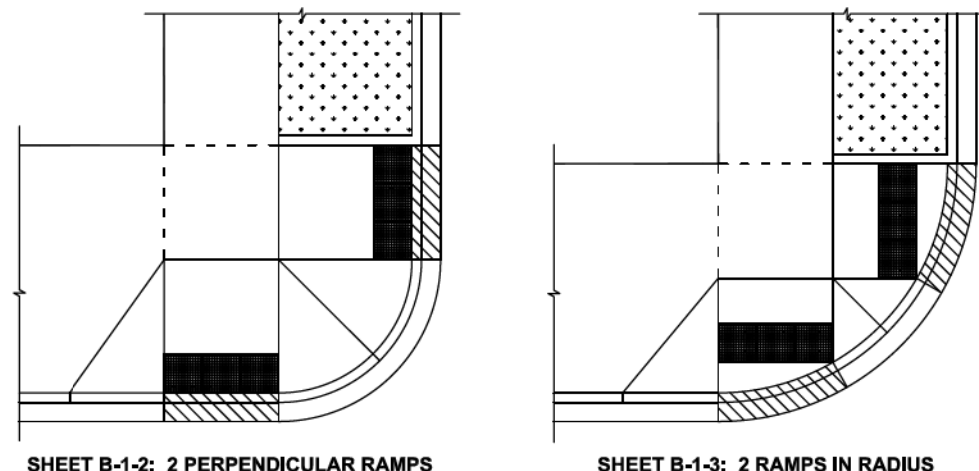
CURB RAMP LAYOUT B-1-2 IS PREFERRED WHEREVER POSSIBLE. WHERE RAMPS ARE LOCATED IN THE CORNER RADIUS, LAYOUT B-1-3 SHALL BE USED.

CURB RAMP PLACEMENT SHALL BE COORDINATED AS REQUIRED TO ALLOW FOR A 4' MINIMUM WIDTH SIDEWALK AROUND EACH CORNER OF INTERSECTION. SIDEWALK NOT TO BE OBSTRUCTED BY CURB RAMPS OR OTHER BARRIERS AND SHALL HAVE A CROSS SLOPE OF 1:54 MAXIMUM.

THE BLENDED TRANSITION LAYOUT B-1-7 (AND SIMILAR) MAY BE USED WHERE TWO RAMPS ARE NOT POSSIBLE DUE TO GEOMETRIC CONSTRAINTS, SUCH AS LIMITED SIDEWALK WIDTH OR GRADE ELEVATIONS. THE BLENDED TRANSITION SHALL NOT BE USED IF ACCESS TO AN EXISTING FACILITY WOULD BE REDUCED.

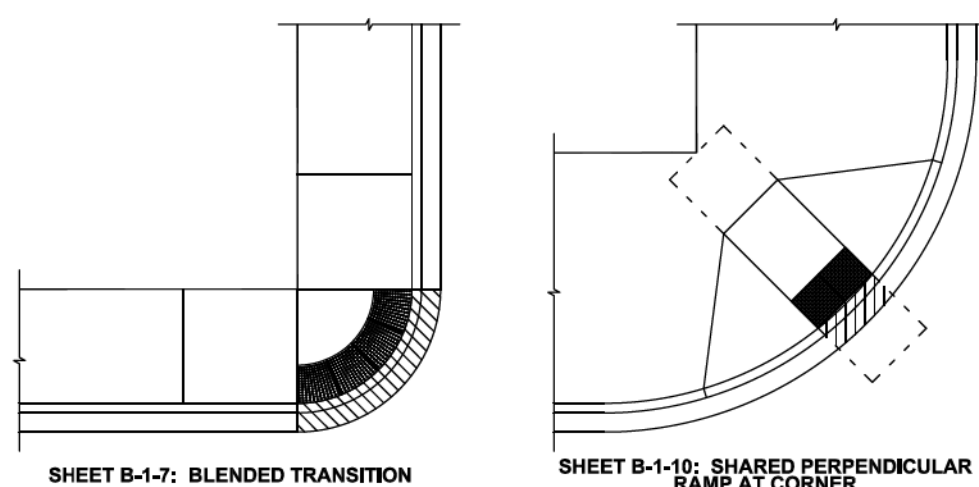
THE SHARED PERPENDICULAR RAMP AT CORNER LAYOUT B-1-10 IS NOT PREFERRED AND MAY ONLY BE USED WITH PERMISSION FROM THE COMMISSIONER.

SEE SHEET B-3-3 FOR TRANSITION PANEL GUIDELINES.



SHEET B-1-2: 2 PERPENDICULAR RAMPS

SHEET B-1-3: 2 RAMPS IN RADIUS



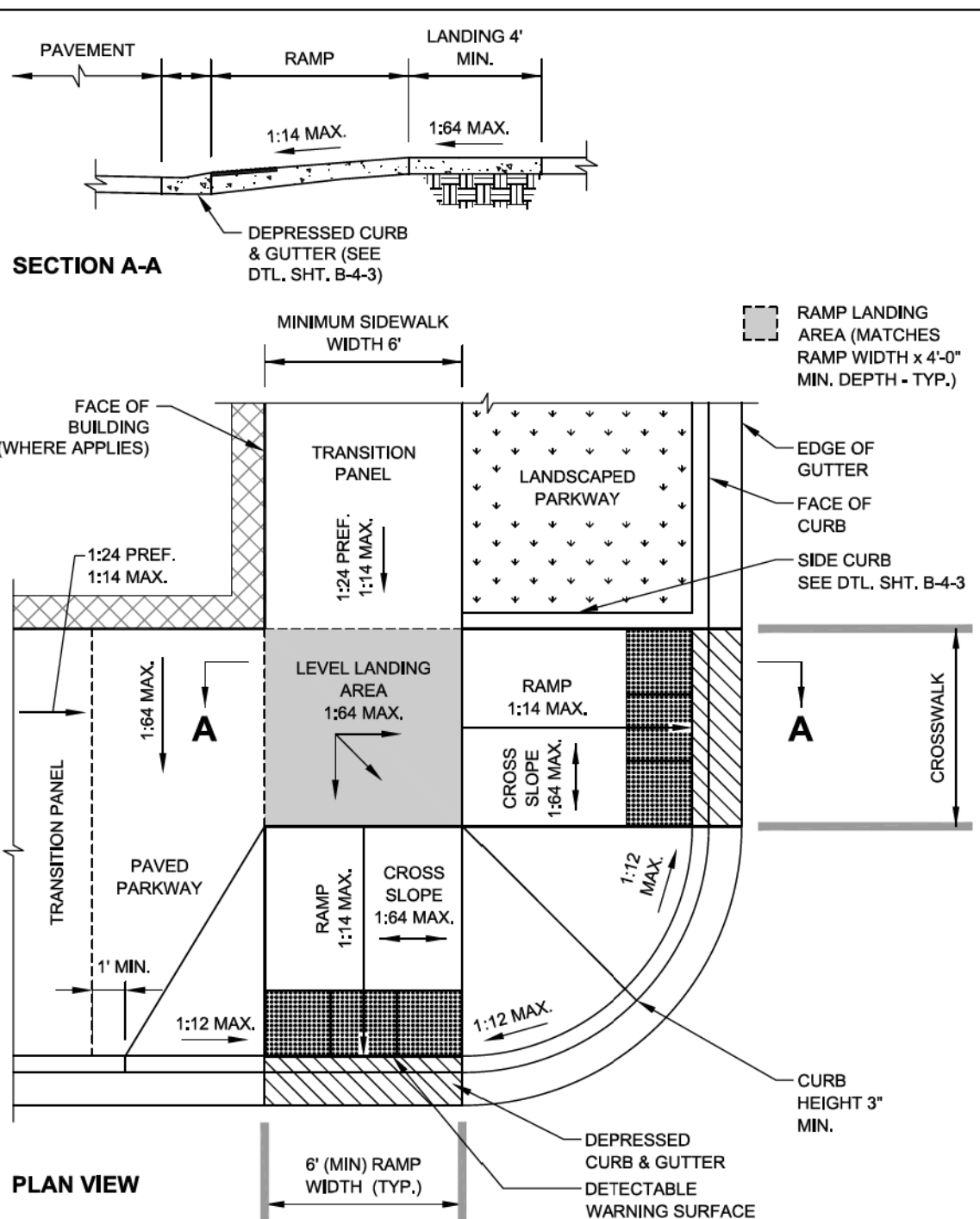
SHEET B-1-7: BLENDED TRANSITION

SHEET B-1-10: SHARED PERPENDICULAR RAMP AT CORNER



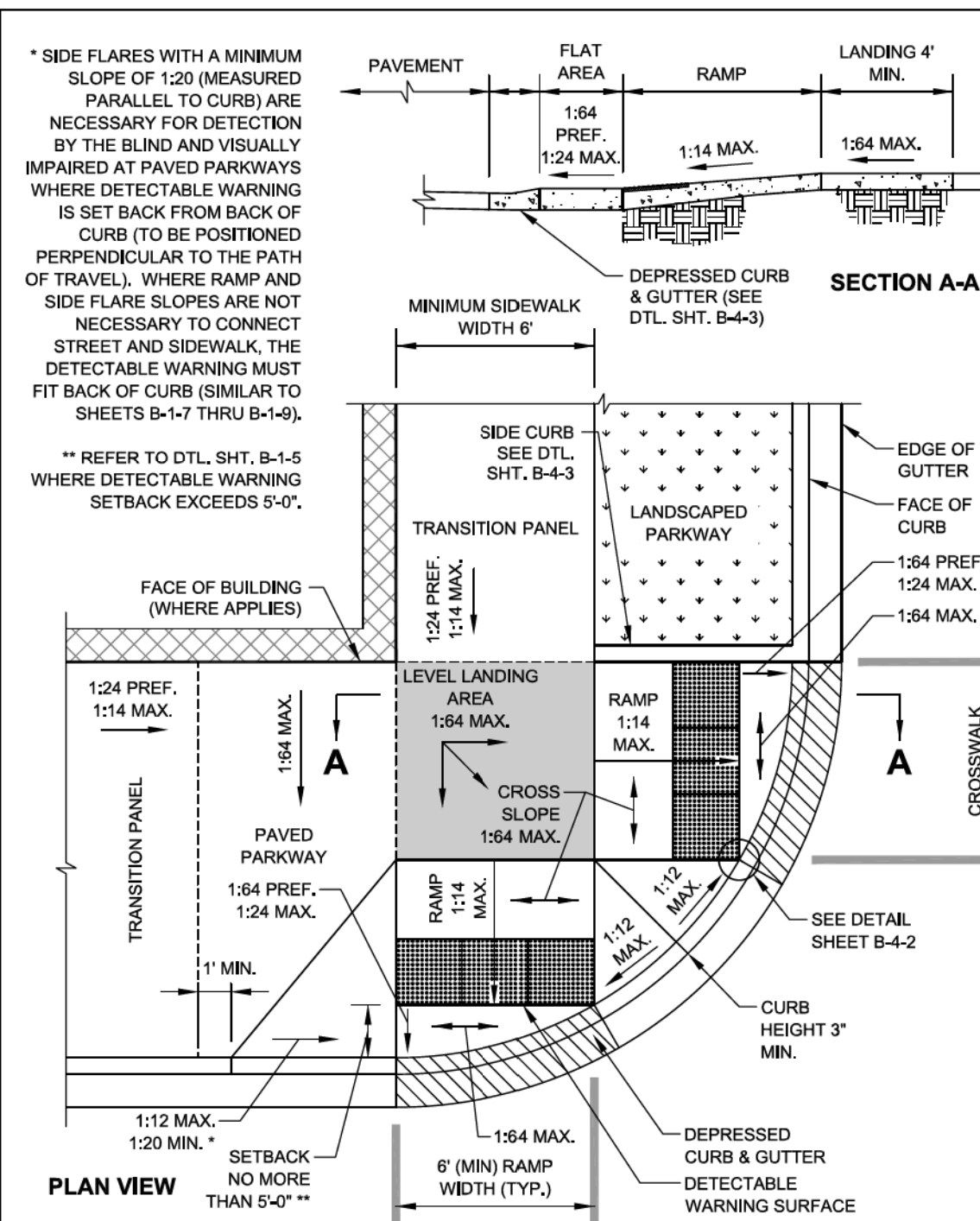
DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/05/09	REVISION 4
08/10/12	REVISION 5

CITY OF CHICAGO  
TYPICAL CORNER RAMP LAYOUTS  
SHEET B-1-1  
SCALE: NOT TO SCALE  
DATE: 10/23/2008  
DRAWN BY: CDOT  
CHECKED BY: LCM



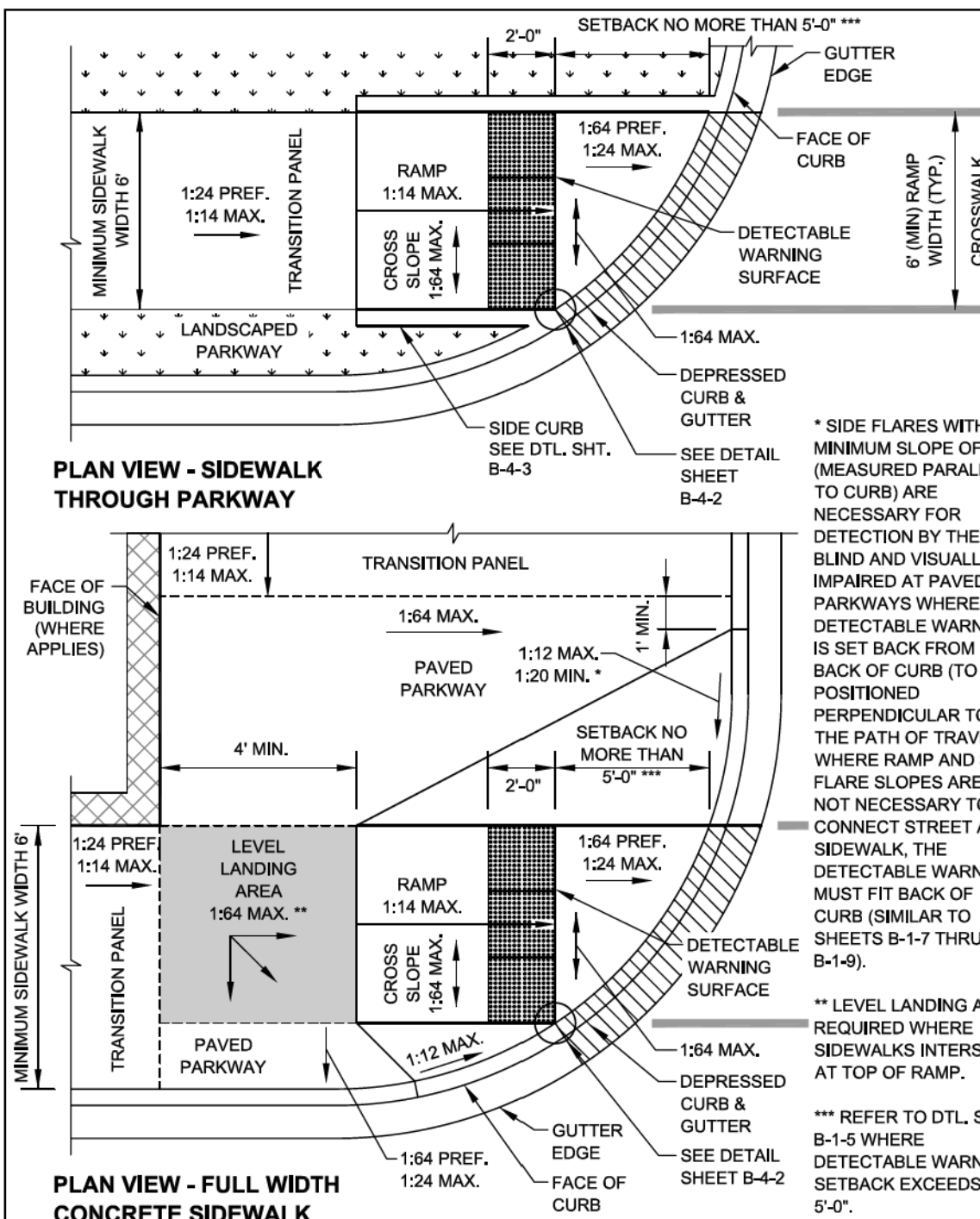
DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/05/09	REVISION 4
08/10/12	REVISION 5

CITY OF CHICAGO  
2 PERPENDICULAR RAMPS AT CORNER  
SHEET B-1-2  
SCALE: NOT TO SCALE  
DATE: 10/23/2008  
DRAWN BY: CDOT  
CHECKED BY: LCM



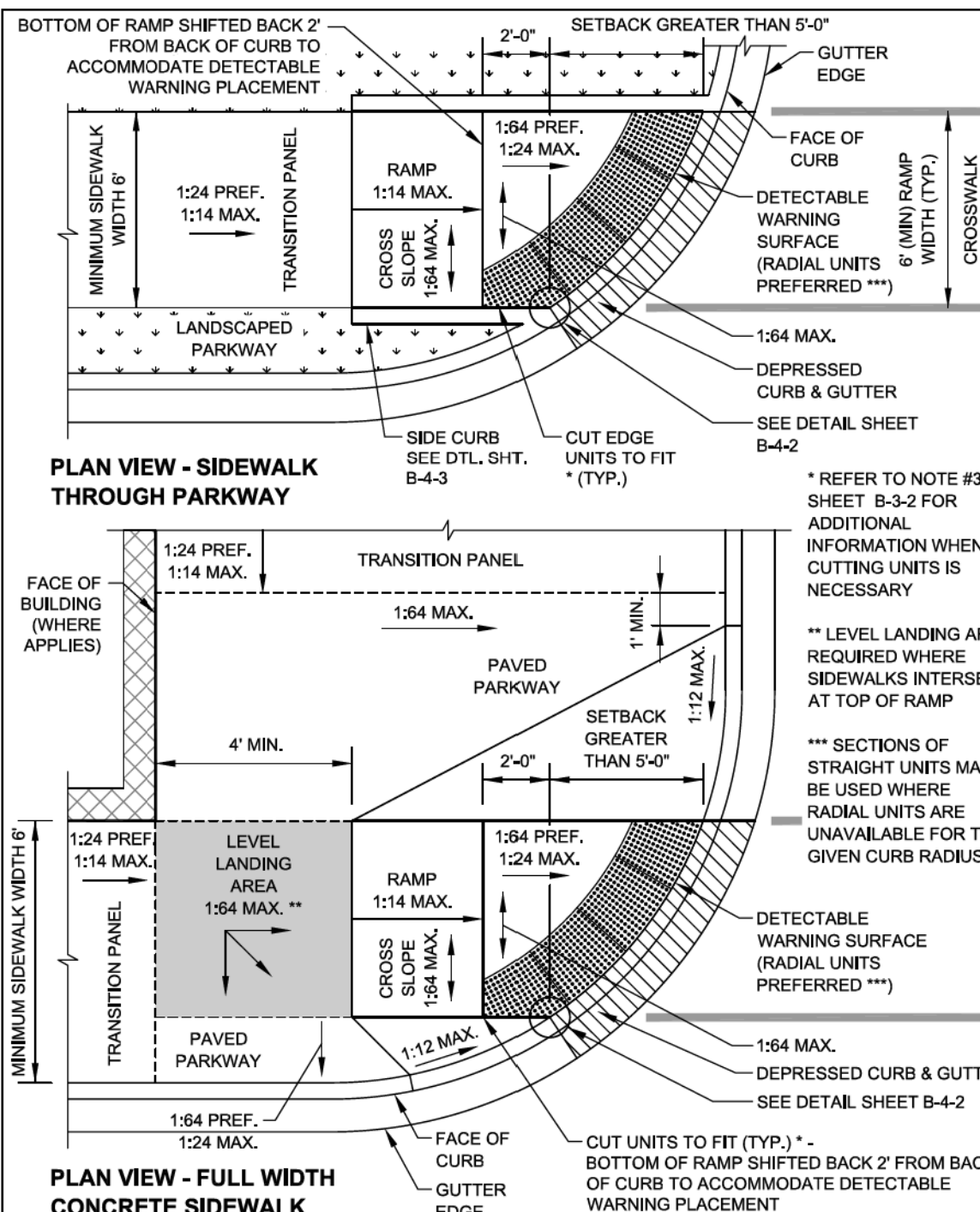
DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/05/09	REVISION 4
08/10/12	REVISION 5

CITY OF CHICAGO  
2 PERPENDICULAR RAMPS AT CORNER  
WITH RAMPS IN CURB RADIUS  
SHEET B-1-3  
SCALE: NOT TO SCALE  
DATE: 10/23/2008  
DRAWN BY: CDOT  
CHECKED BY: LCM



DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/05/09	REVISION 4
08/10/12	REVISION 5

CITY OF CHICAGO  
PERPENDICULAR RAMP AT CORNER  
IN CURB RADIUS WITH SINGLE CROSSING  
SHEET B-1-4  
SCALE: NOT TO SCALE  
DATE: 10/23/2008  
DRAWN BY: CDOT  
CHECKED BY: LCM

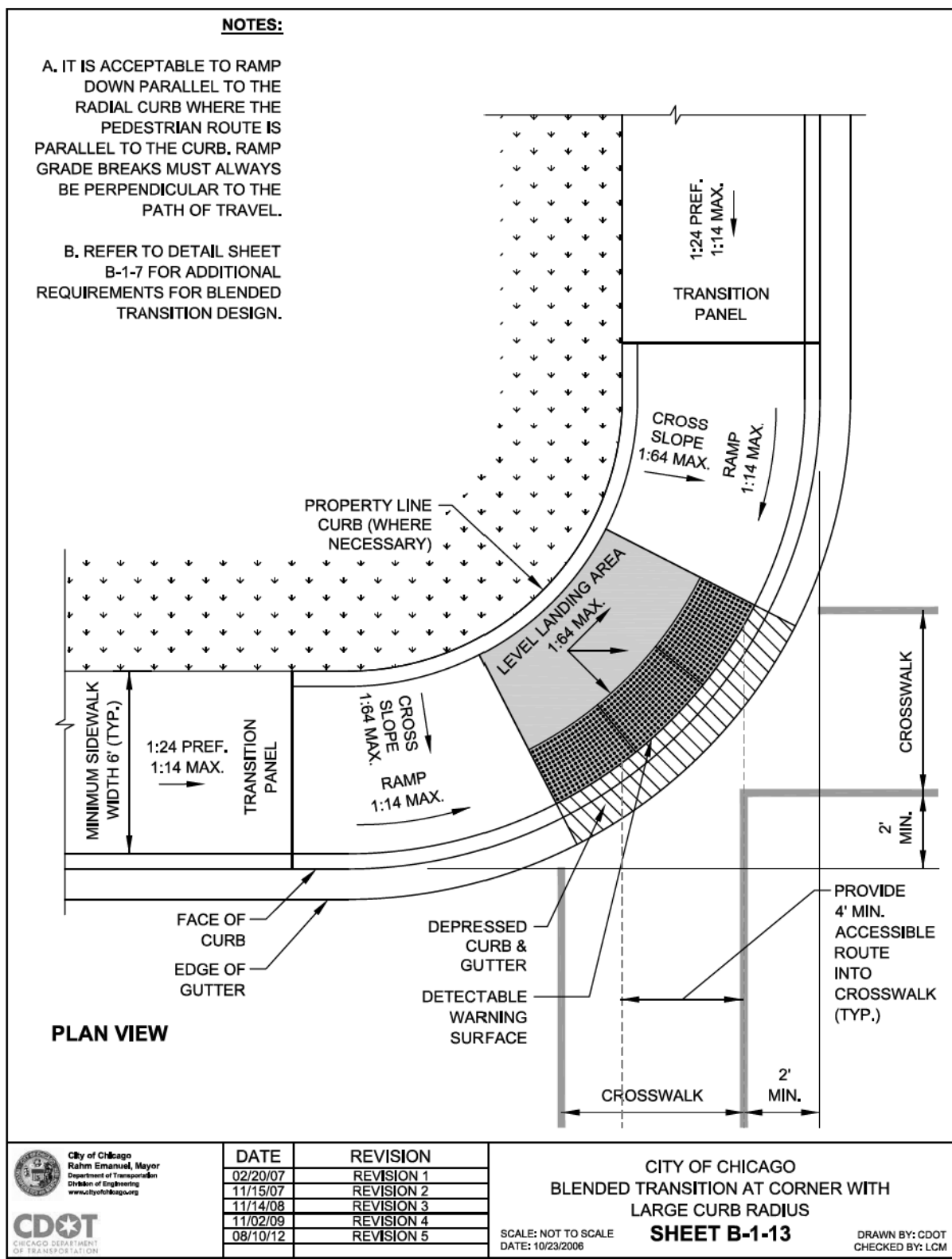
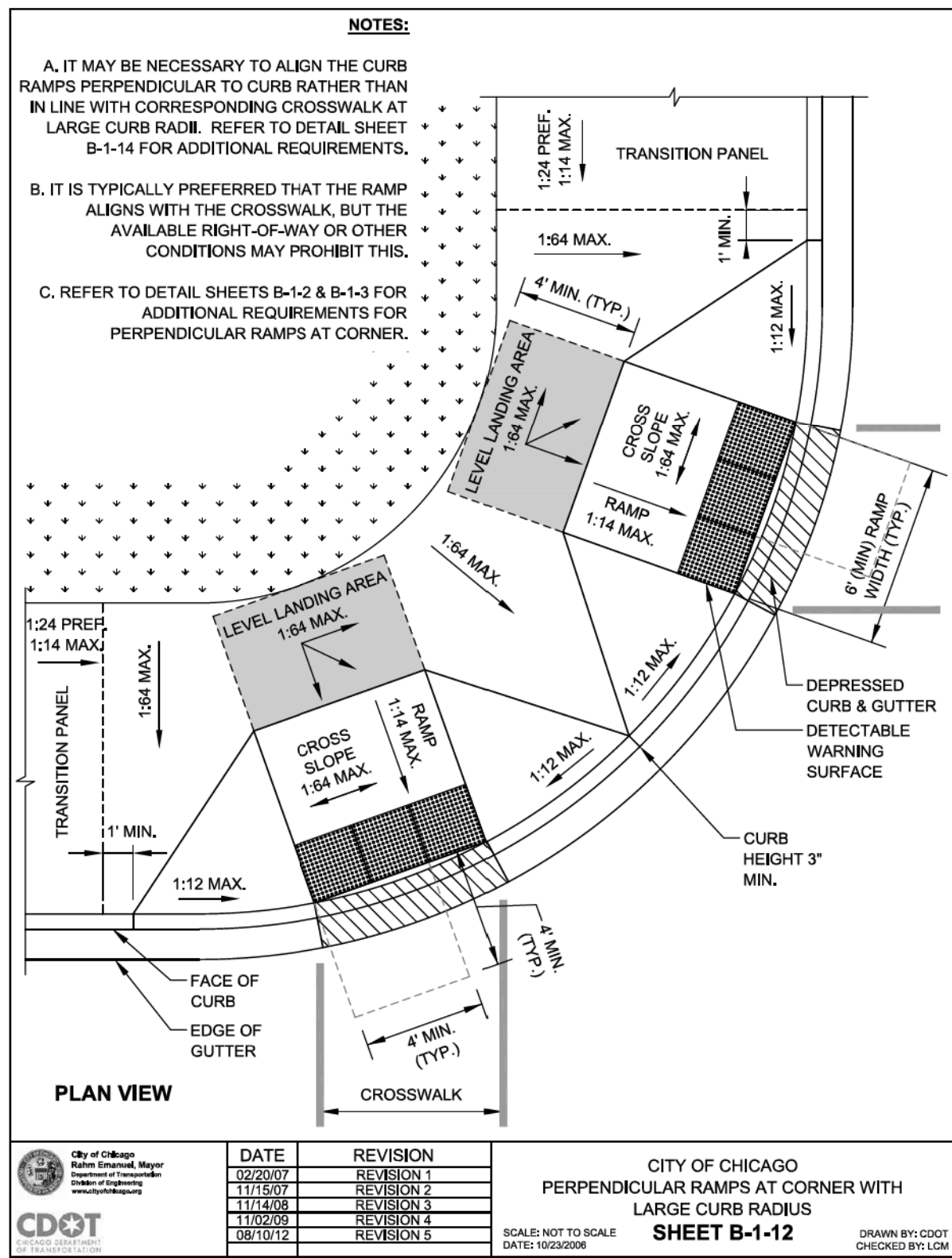
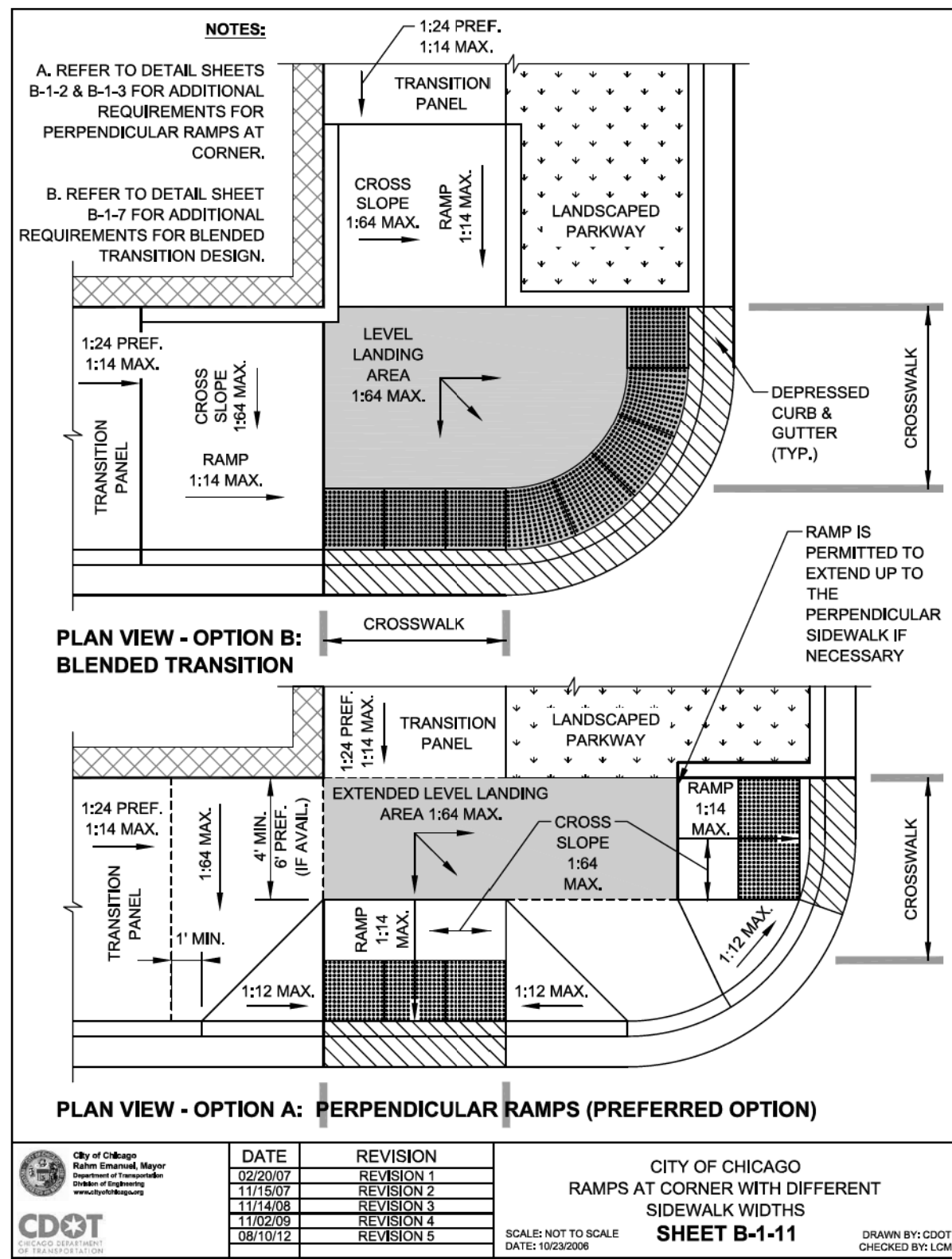
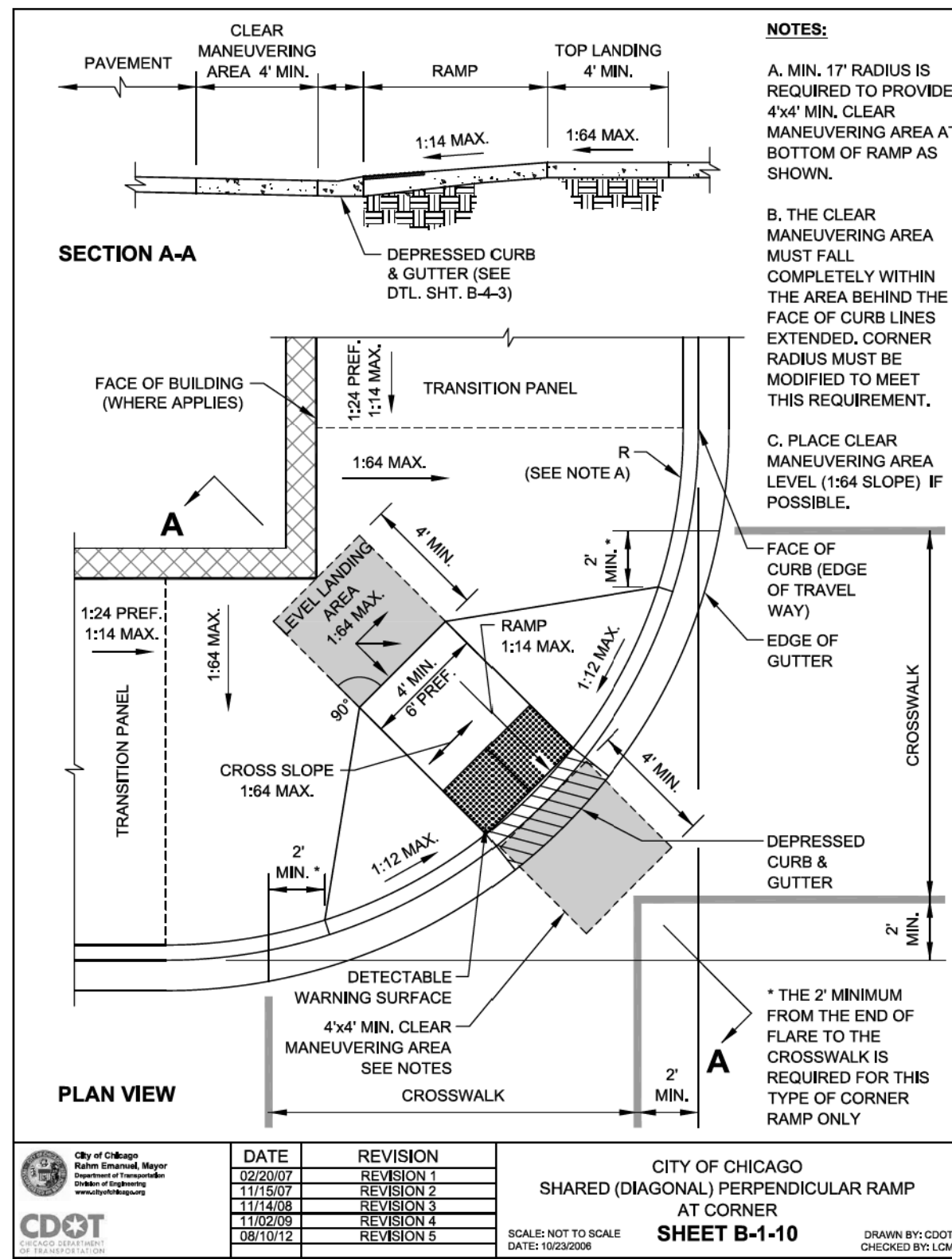
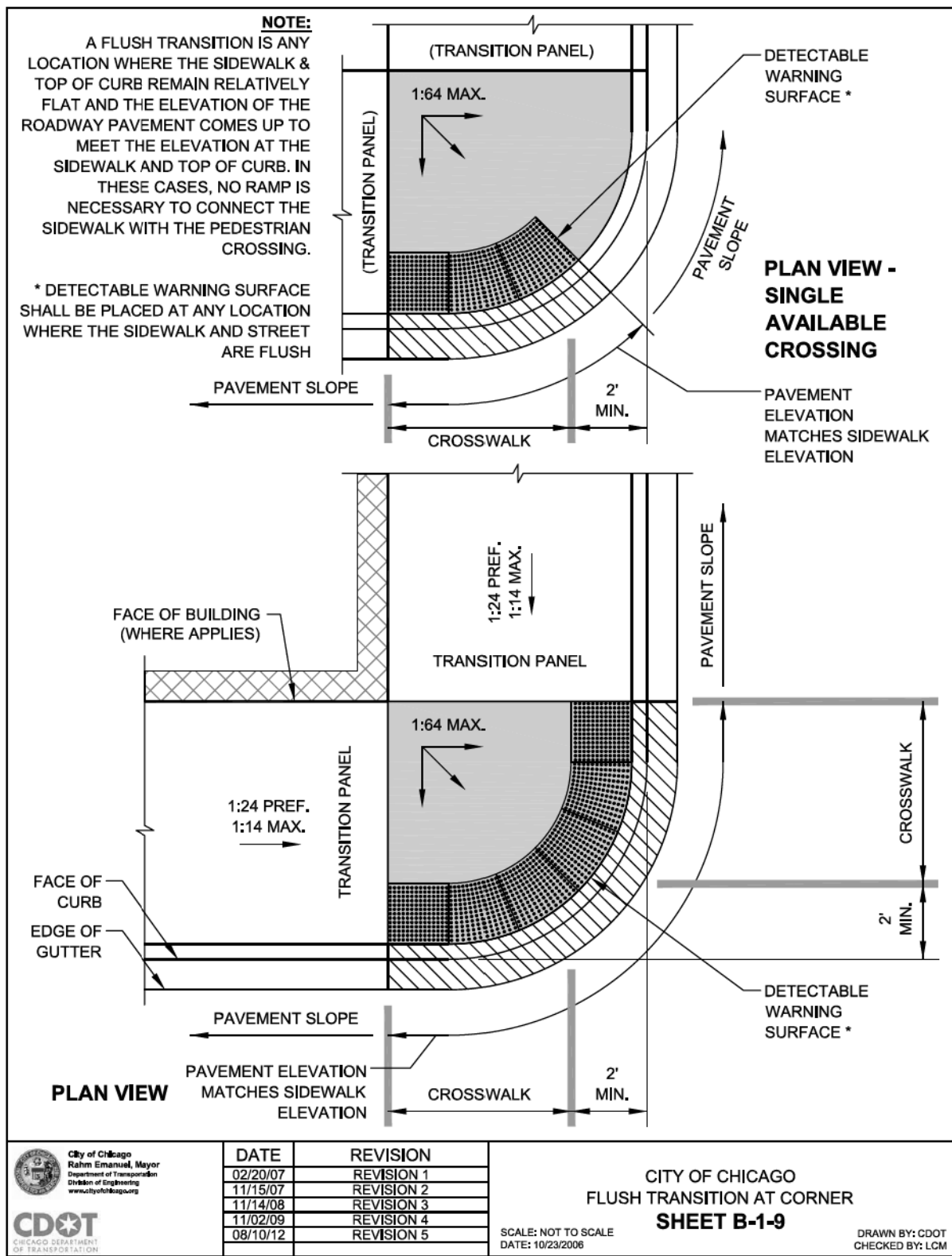
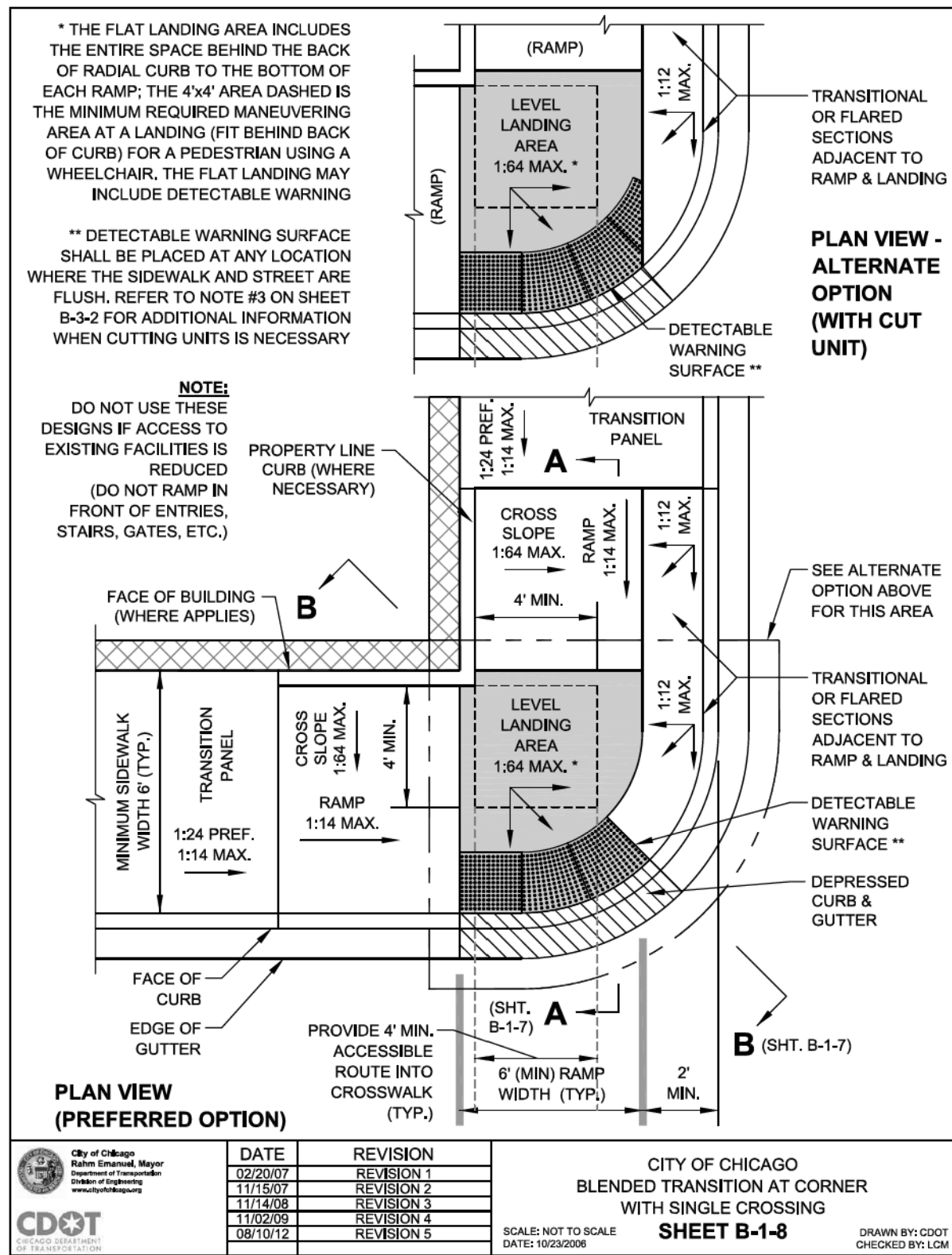
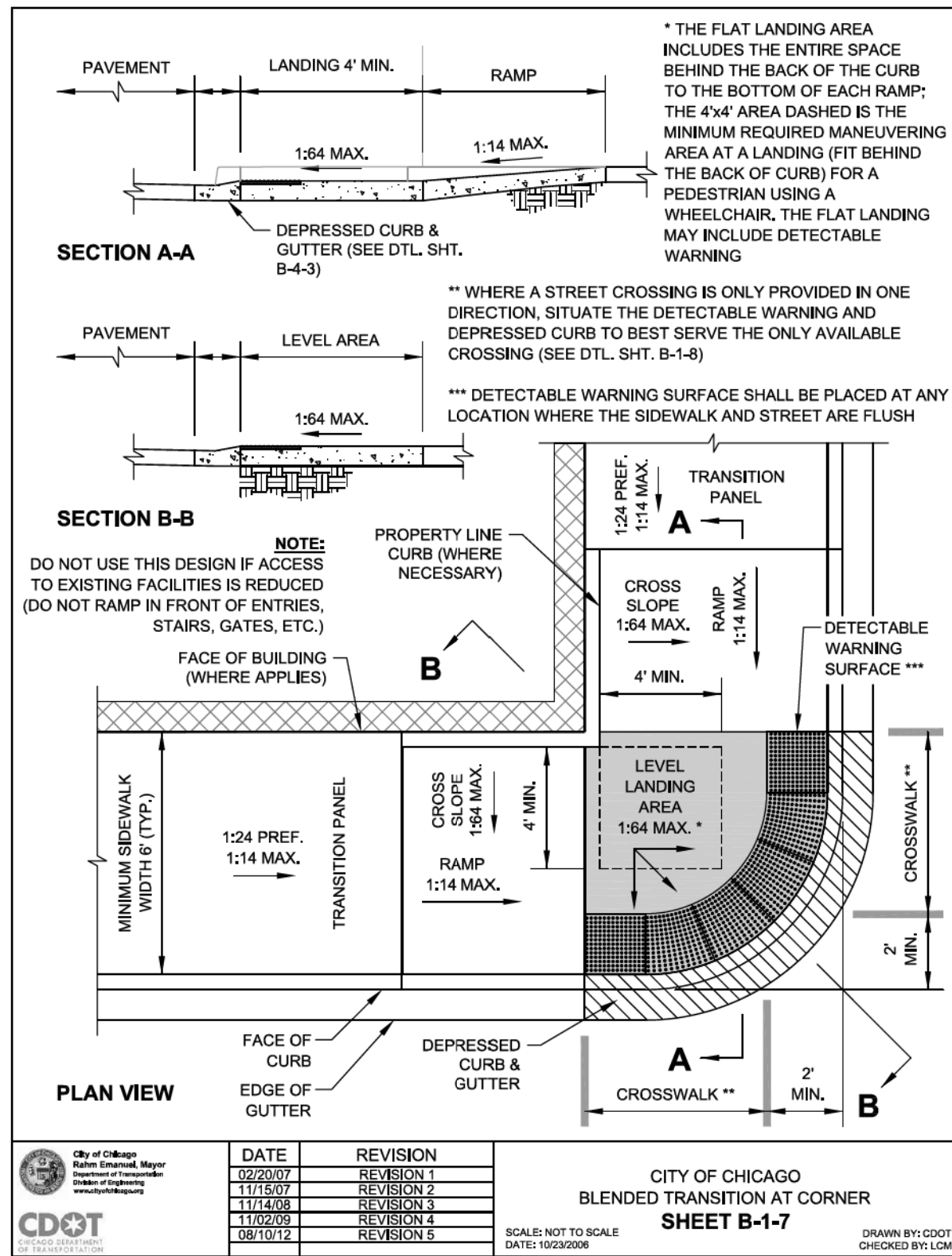
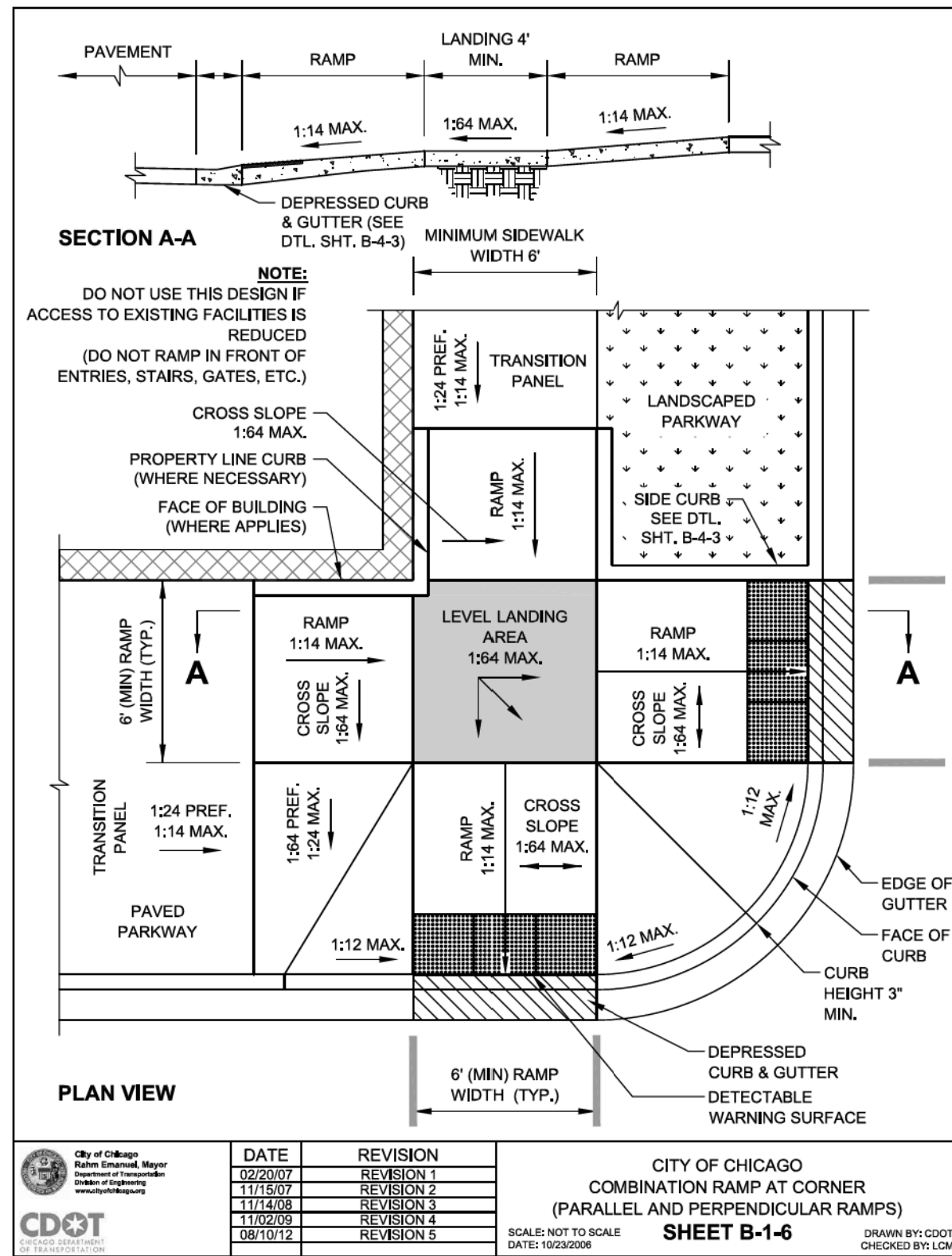


DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/05/09	REVISION 4
08/10/12	REVISION 5

CITY OF CHICAGO  
PERPENDICULAR RAMP AT CORNER IN CURB RADIUS  
WITH DETECTABLE WARNING SETBACK GREATER  
THAN 5'  
SHEET B-1-5  
SCALE: NOT TO SCALE  
DATE: 10/23/2008  
DRAWN BY: CDOT  
CHECKED BY: LCM

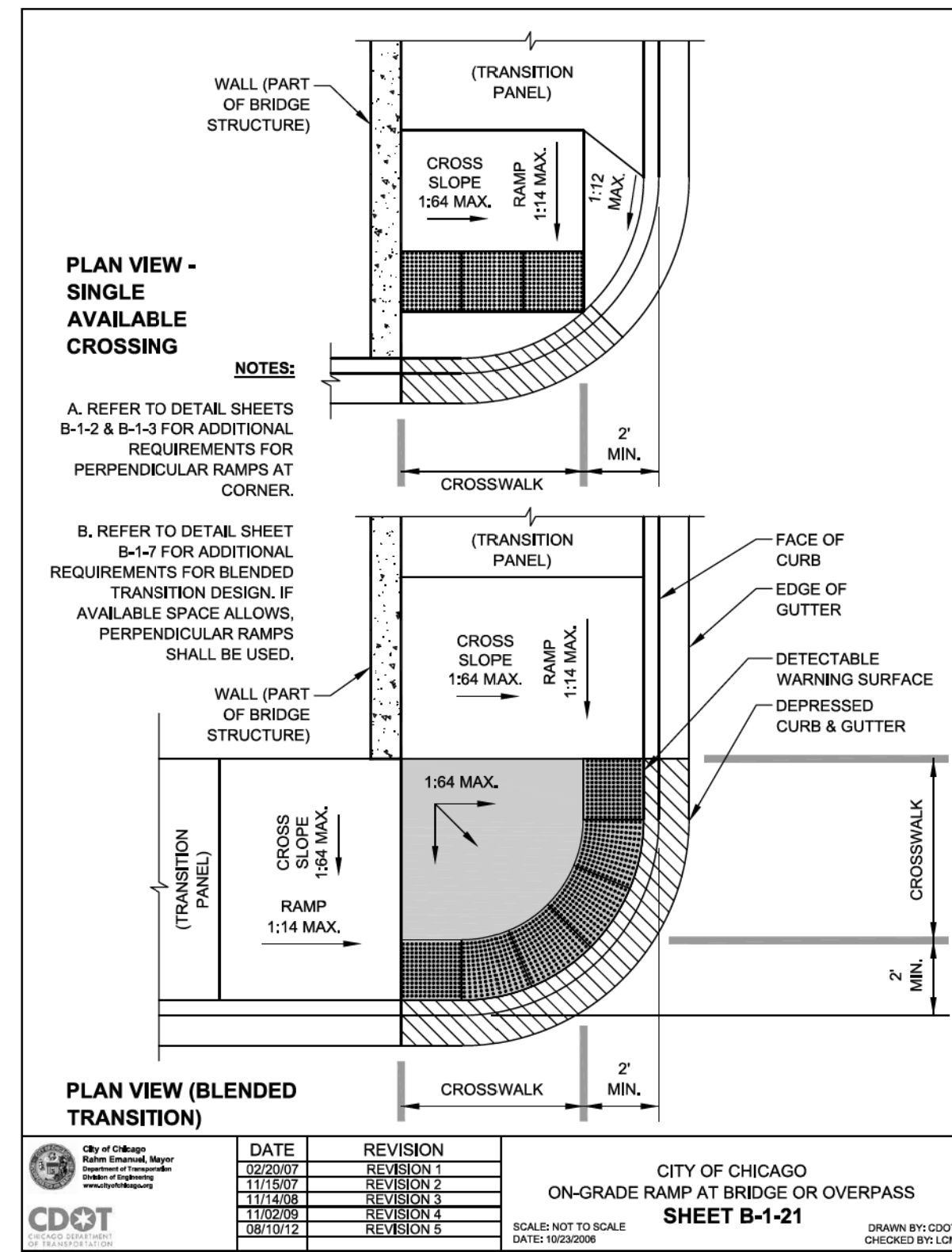
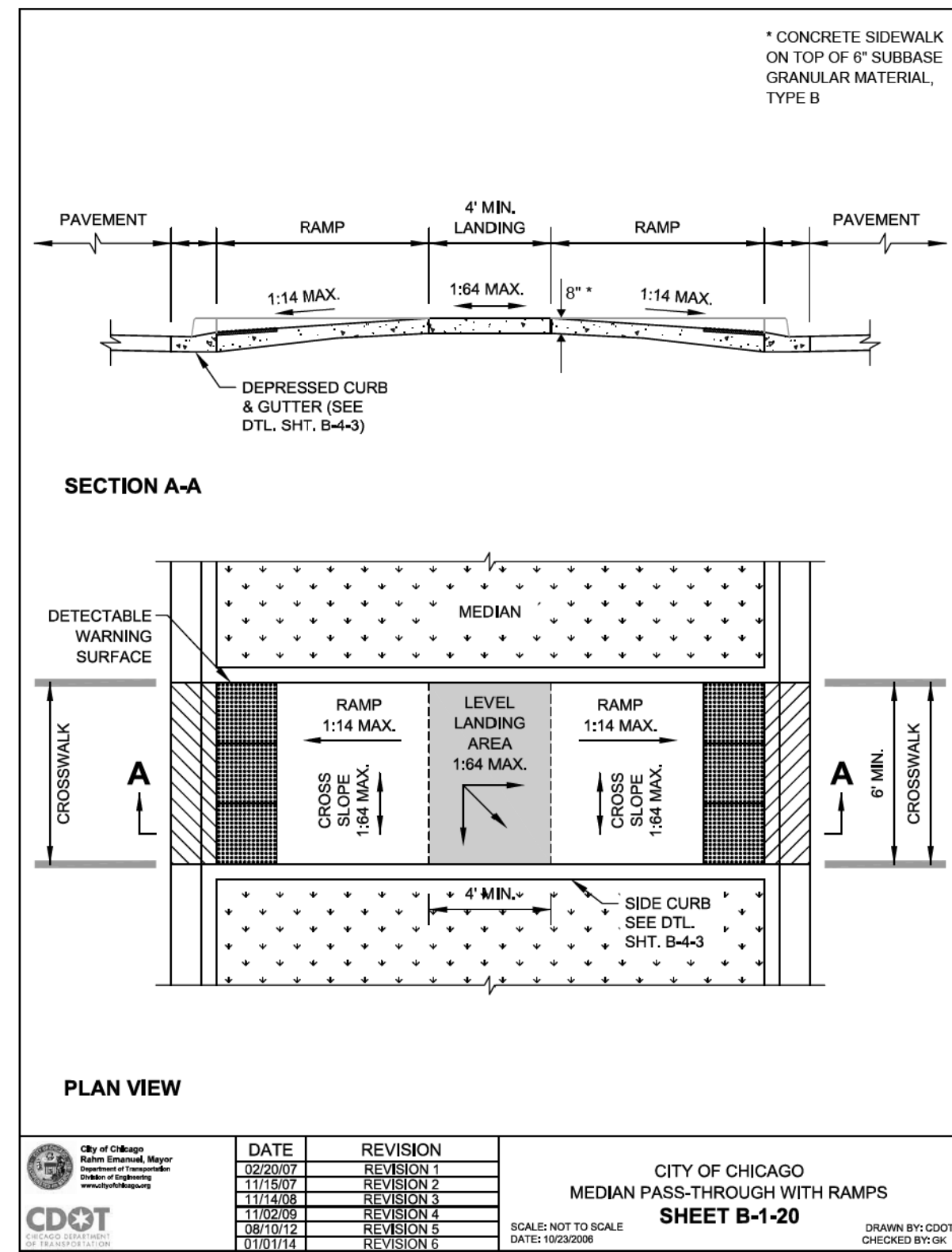
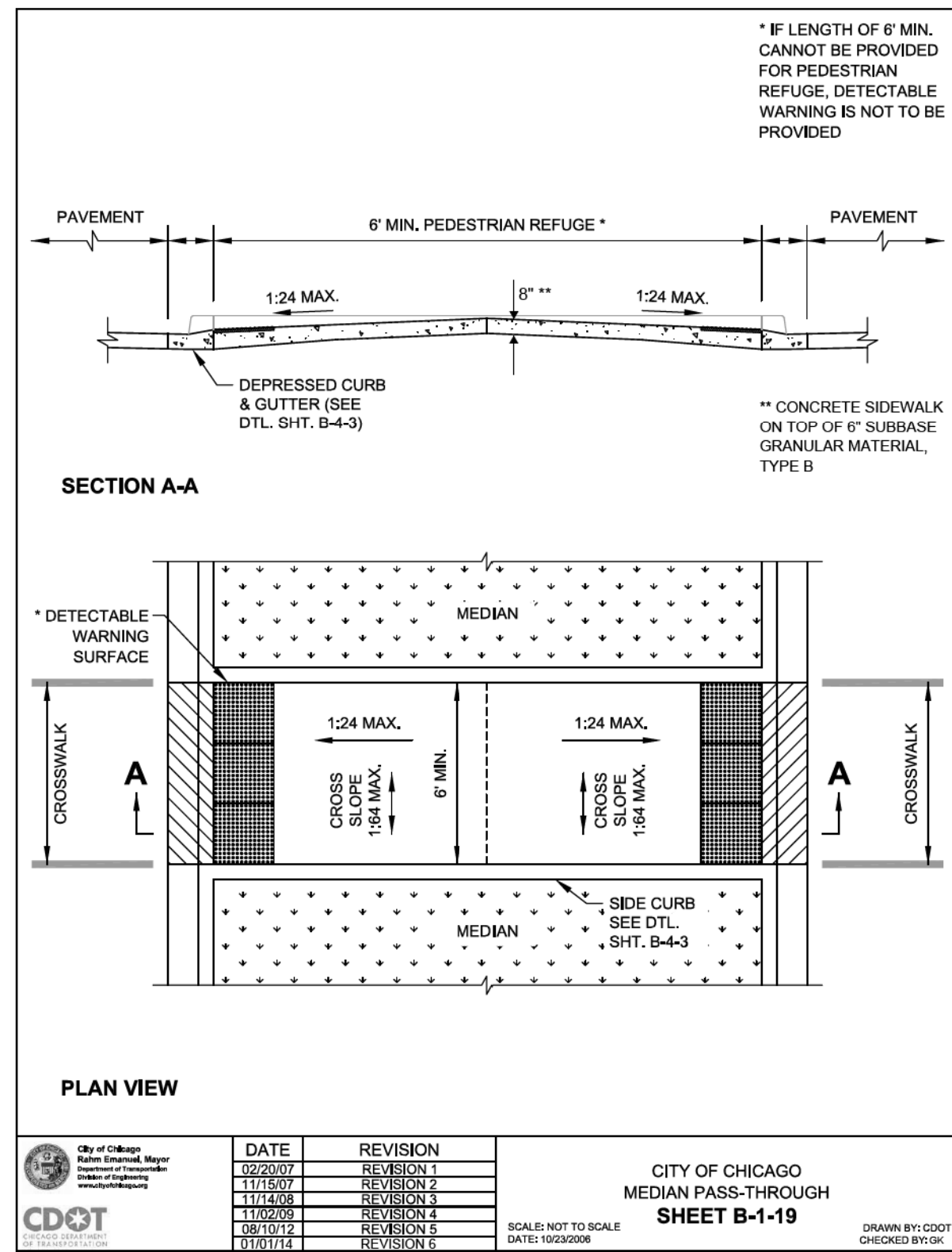
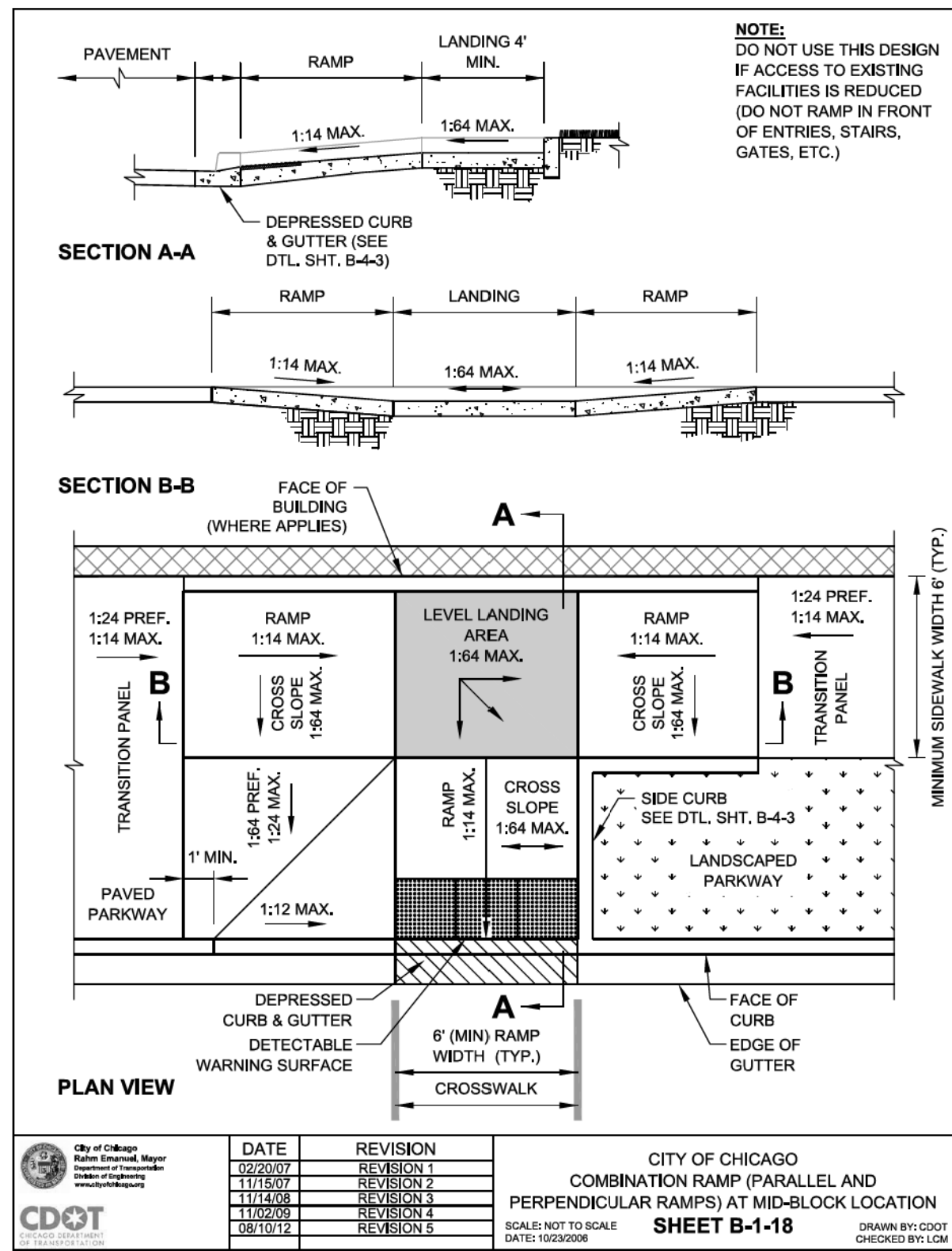
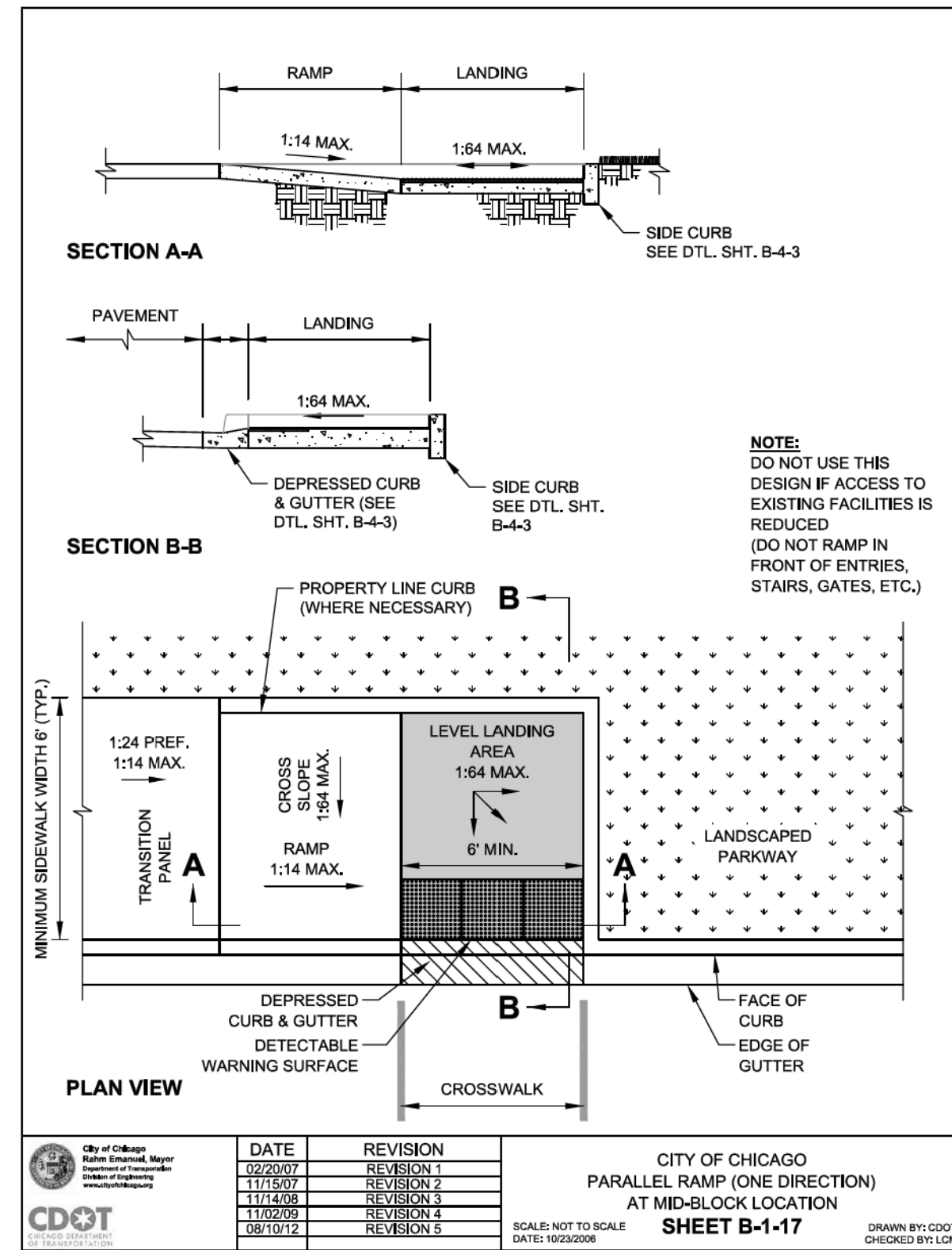
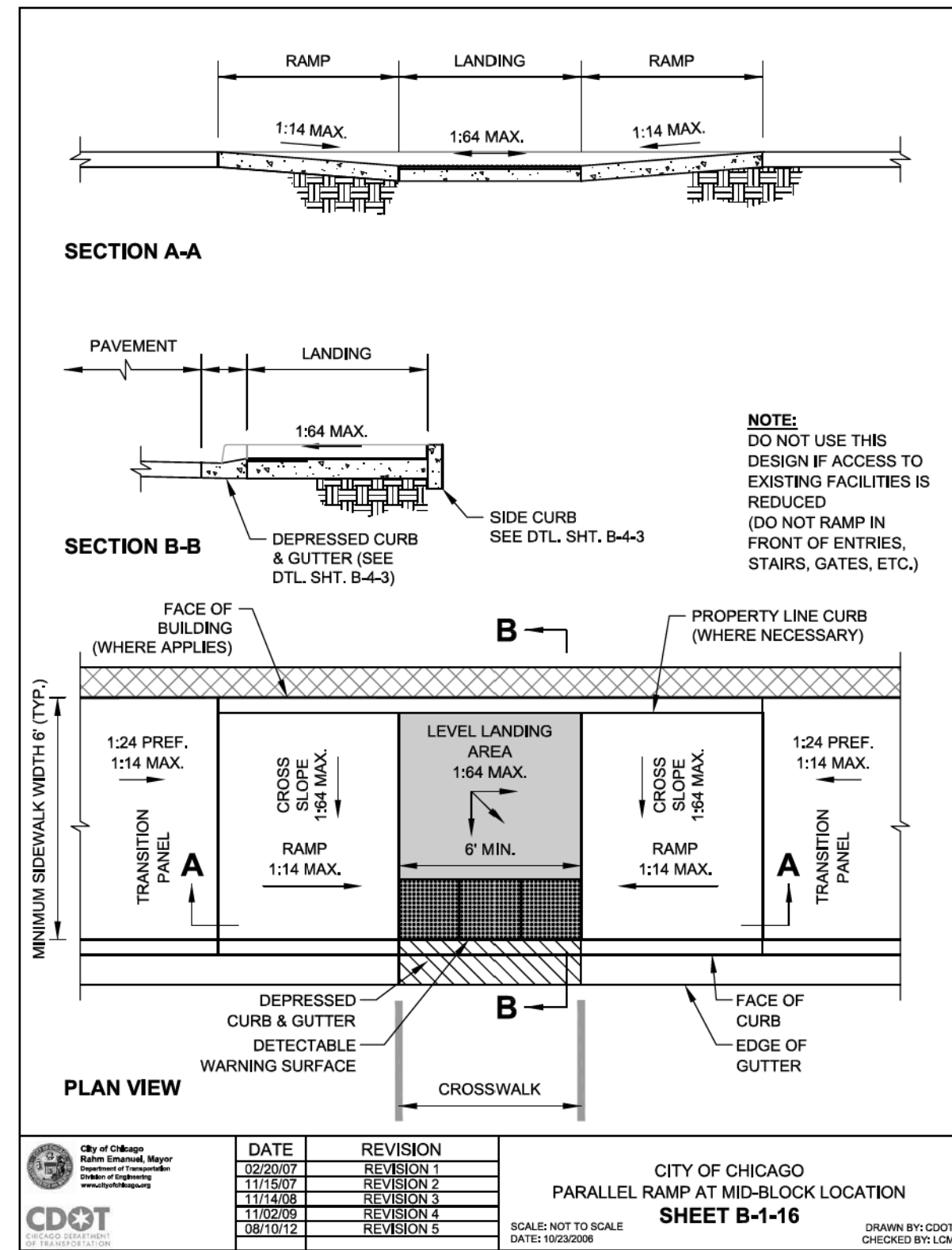
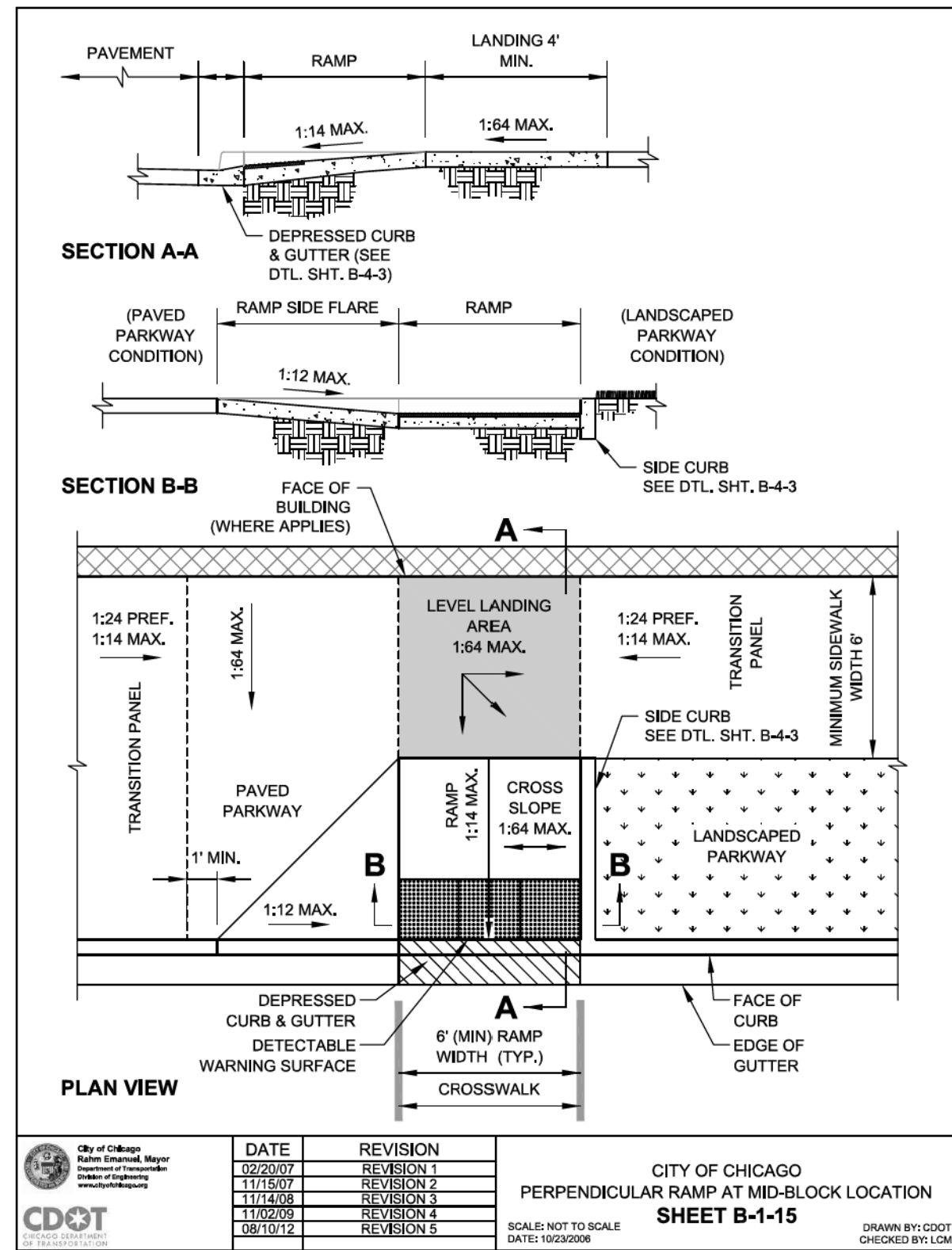
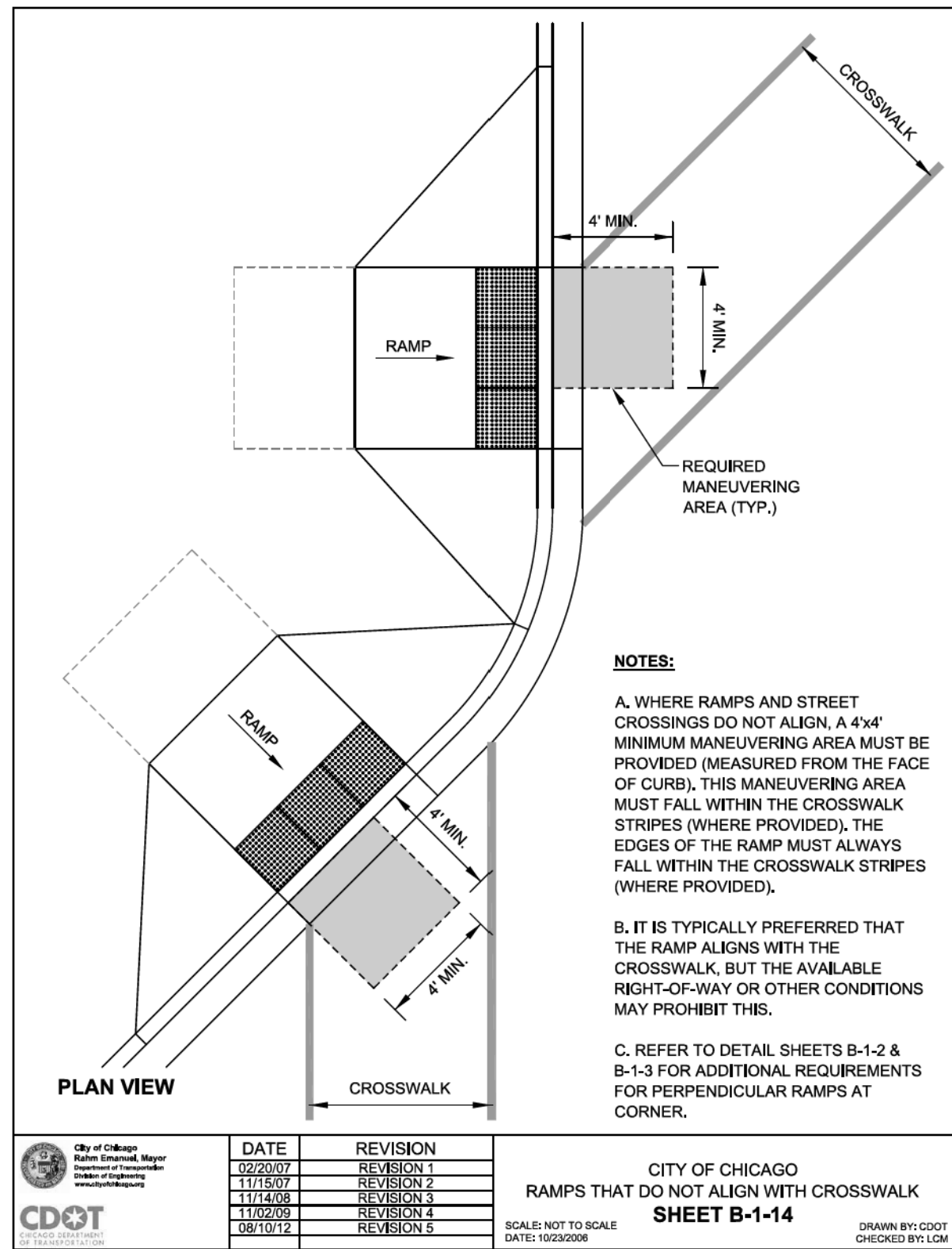
REVISIONS			
NO.	BY	DATE	DESCRIPTION





REVISIONS			
NO.	BY	DATE	DESCRIPTION





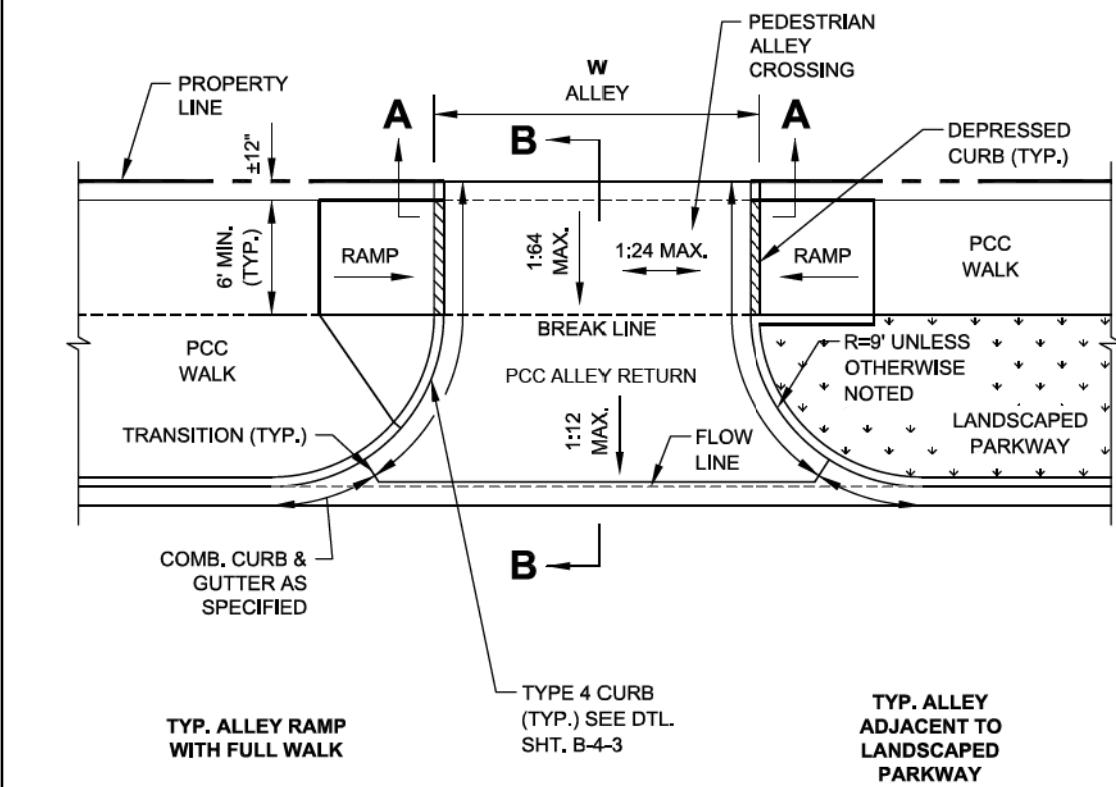
REVISIONS			
NO.	BY	DATE	DESCRIPTION



**NOTES:**

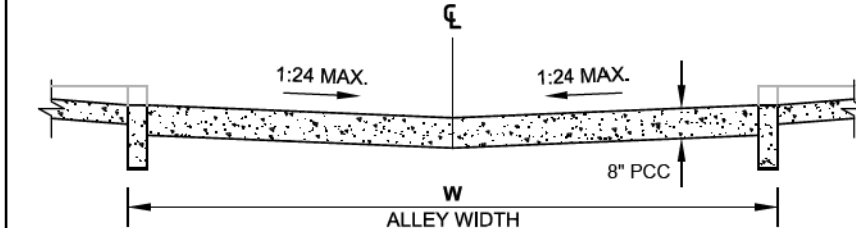
A. DETECTABLE WARNING IS NOT REQUIRED AT ALLEY RETURNS.  
B. RAMP DETAILS ARE DEPENDENT UPON SITE SPECIFIC CONDITIONS (WHERE RAMPERS ARE NECESSARY). SEE APPROPRIATE RAMP SHEET AS REQUIRED (TYP.).

C. SEE DETAIL B-2-5 FOR REDUCED WIDTH (4' MIN.) PEDESTRIAN ACCESSIBLE ROUTE ACROSS ALLEY / DRIVEWAY (TO ALLOW FOR ADDITIONAL SLOPE AT ALLEY / DRIVEWAY).

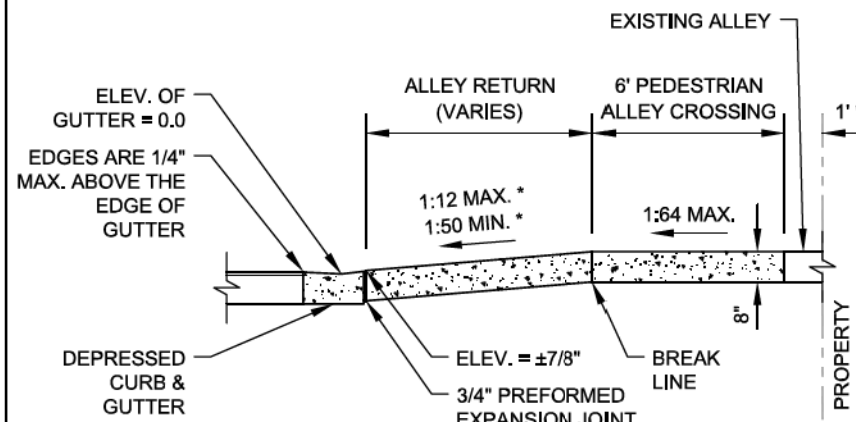


PLAN VIEW

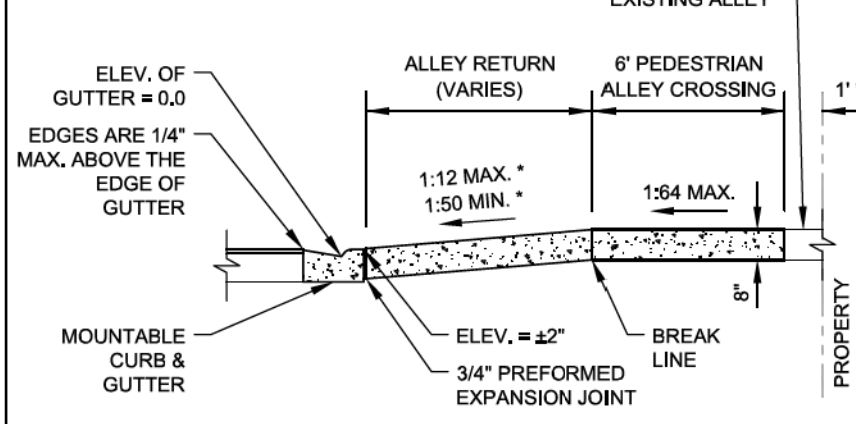
	DATE	REVISION	CITY OF CHICAGO ALLEY RETURN PLAN VIEW <b>SHEET B-2-1</b> DRAWN BY: CDOT CHECKED BY: LDM
	02/20/07	REVISION 1	
	11/15/07	REVISION 2	
	11/14/08	REVISION 3	
	08/10/12	REVISION 5	
	01/01/14	REVISION 6	
SCALE: NOT TO SCALE DATE: 10/23/2006			



SECTION A-A: CROSS SECTION AT PROPERTY LINE

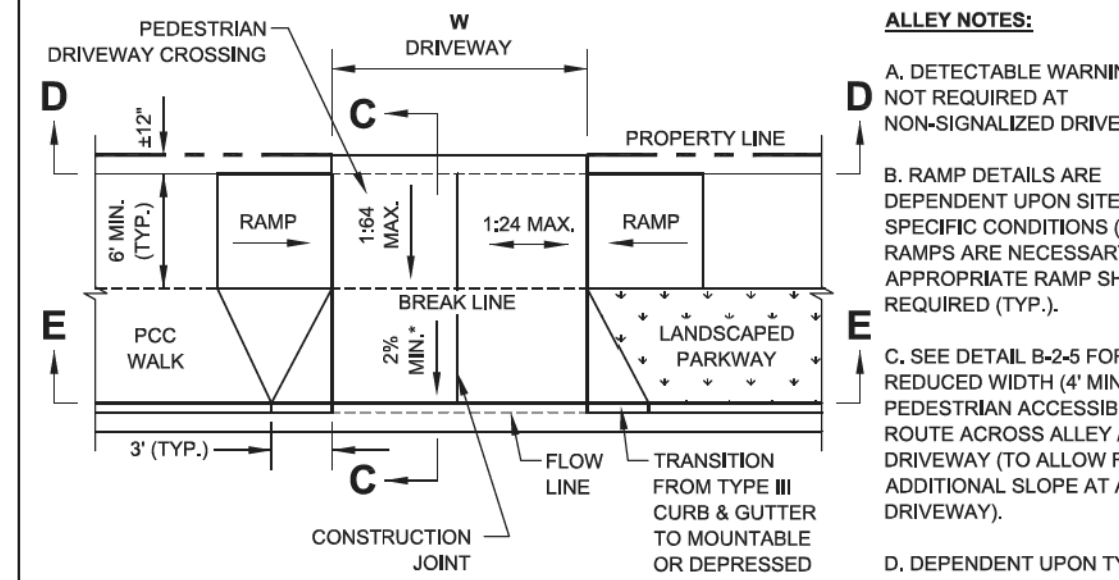


SECTION B-B: LONGITUDINAL SECTION SHOWING DEPRESSURED CURB & GUTTER

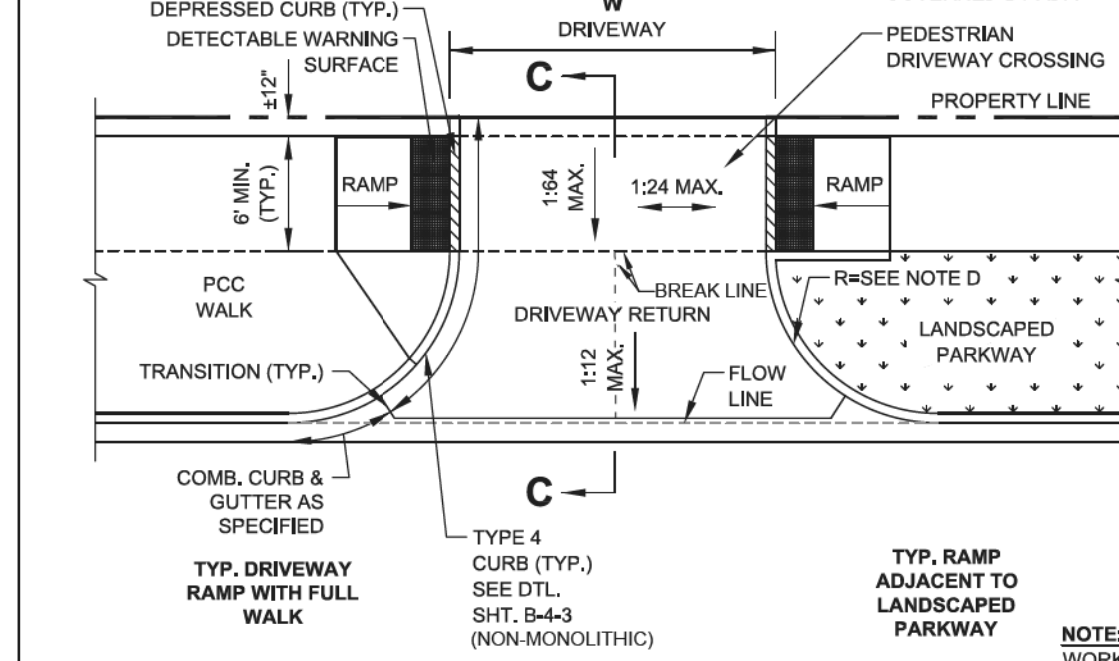


SECTION B-B: LONGITUDINAL SECTION SHOWING MOUNTABLE CURB & GUTTER

	DATE	REVISION	CITY OF CHICAGO ALLEY RETURN SECTIONS <b>SHEET B-2-2</b> DRAWN BY: CDOT CHECKED BY: LDM
	02/20/07	REVISION 1	
	11/15/07	REVISION 2	
	11/14/08	REVISION 3	
	08/10/12	REVISION 5	
	01/01/14	REVISION 6	
SCALE: NOT TO SCALE DATE: 10/23/2006			

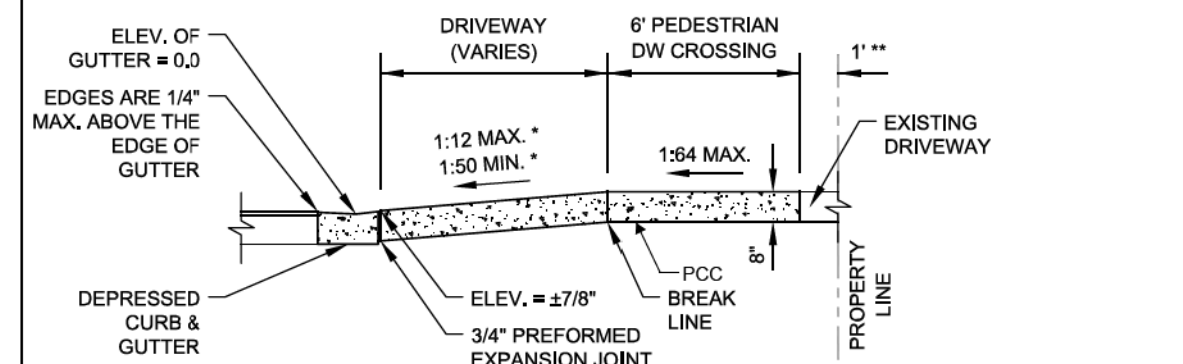


OPTION A - DRIVEWAY WITH FLARES

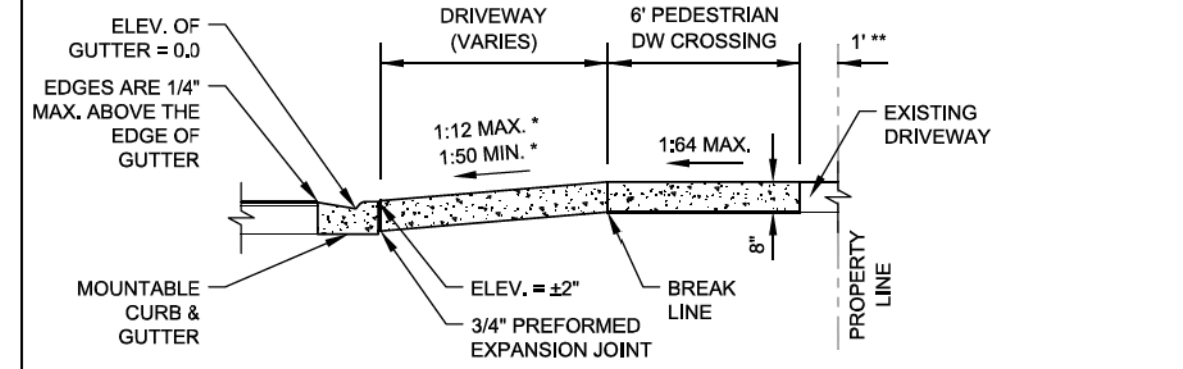


OPTION B - COMMERCIAL AND RESIDENTIAL DRIVEWAY WITH CURB FOR USE WITH TRAFFIC SIGNALIZATION APPROVED BY CITY ORDINANCE

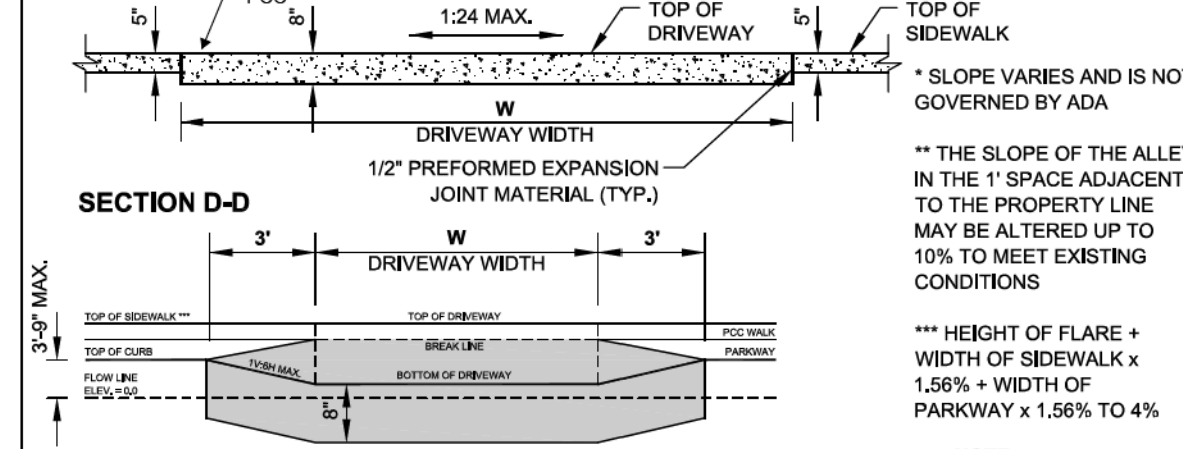
	DATE	REVISION	CITY OF CHICAGO DRIVEWAY CONSTRUCTION PLAN VIEWS <b>SHEET B-2-3</b> DRAWN BY: CDOT CHECKED BY: LDM
	02/20/07	REVISION 1	
	11/15/07	REVISION 2	
	11/14/08	REVISION 3	
	08/10/12	REVISION 5	
	01/01/14	REVISION 6	
SCALE: NOT TO SCALE DATE: 10/23/2006			



SECTION C-C: SECTION SHOWING DEPRESSURED CURB & GUTTER

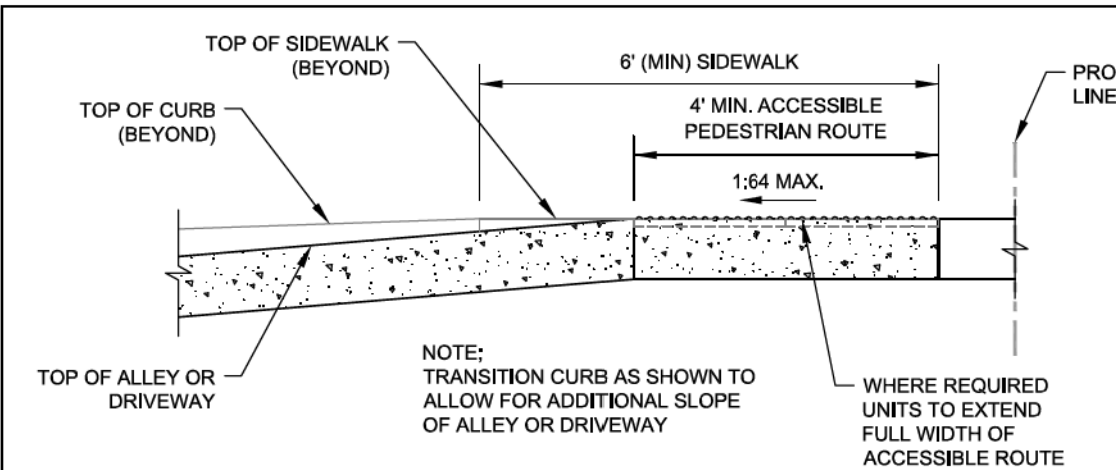


SECTION C-C: SECTION SHOWING MOUNTABLE CURB & GUTTER

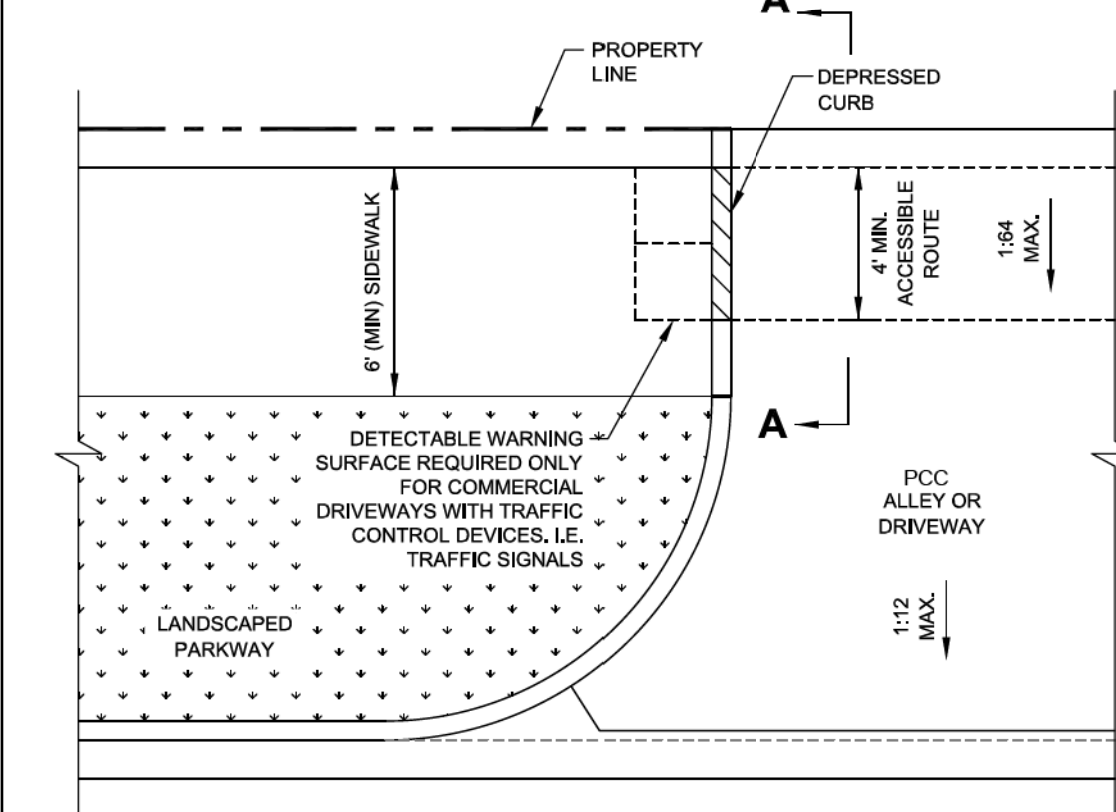


SECTION D-D

	DATE	REVISION	CITY OF CHICAGO DRIVEWAY CONSTRUCTION SECTIONS <b>SHEET B-2-4</b> DRAWN BY: CDOT CHECKED BY: LDM
	02/20/07	REVISION 1	
	11/15/07	REVISION 2	
	11/14/08	REVISION 3	
	08/10/12	REVISION 5	
	01/01/14	REVISION 6	
SCALE: NOT TO SCALE DATE: 10/23/2006			



SECTION A-A



PLAN VIEW

	DATE	REVISION	CITY OF CHICAGO ALLEY & DRIVEWAY DETAIL FOR REDUCED WIDTH PEDESTRIAN ACCESS ROUTE <b>SHEET B-2-5</b> DRAWN BY: CDOT CHECKED BY: LDM
	02/20/07	REVISION 1	
	11/15/07	REVISION 2	
	11/14/08	REVISION 3	
	08/10/12	REVISION 5	
	01/01/14	REVISION 6	
SCALE: NOT TO SCALE DATE: 10/23/2006			

SLOPE CONVERSION CHART			
% SLOPE	SLOPE RATIO	INCHES PER FOOT	DECIMAL FEET PER FOOT
16.67%	1:6	2"	0.167
10%	1:10	1 1/4"	0.104
8.33%	1:12	1"	0.083
7.14%	1:14	7/8"	0.073
5%	1:20	5/8"	0.052
4.17%	1:24	1/2"	0.042
2%	1:50	1/4"	0.021
1.56%	1:64	3/16"	0.016

	DATE	REVISION	CITY OF CHICAGO CONVERSION CHARTS <b>SHEET B-3-1</b> DRAWN BY: CDOT CHECKED BY: LDM
	02/20/07	REVISION 1	
	11/15/07	REVISION 2	
	11/14/08	REVISION 3	
	08/10/12	REVISION 5	
	01/01/14	REVISION 6	
SCALE: NOT TO SCALE DATE: 10/23/2006			

- GENERAL NOTES:**
1. THE DETECTABLE WARNING USED SHALL BE CHOSEN FROM THE CHICAGO DEPARTMENT OF TRANSPORTATION LIST OF APPROVED DETECTABLE WARNING PRODUCTS (AVAILABLE ON THE CITY OF CHICAGO WEBSITE). IT IS NOT ACCEPTABLE TO INSTALL TWO DIFFERENT DETECTABLE WARNING PRODUCTS ADJACENT TO ONE ANOTHER AT ANY LOCATION, IN THE CENTRAL BUSINESS DISTRICT, GRANITE OR OTHER SPECIALTY PAVING MATERIALS MAY BE SUBMITTED TO THE COMMISSIONER FOR APPROVAL.
  2. THE DETECTABLE WARNING MUST BE INSTALLED A MAXIMUM OF 8" OR LESS FROM FACE OF CURB (SEE DETAIL SHEET B-4-2).
  3. THE DETECTABLE WARNING MUST COVER FULL WIDTH OF RAMP EXCLUDING SIDE FLARES FOR A MINIMUM UNOBSTRUCTED DEPTH OF 24". THE DETECTABLE WARNING LOCATED ON THE SURFACES OF RAMPERS IS TYPICALLY ORIENTED PERPENDICULAR TO THE RUN OF THE RAMP UNLESS SPECIAL CIRCUMSTANCES OCCUR (SEE DETAIL SHEET B-1-5). THE DETECTABLE WARNING MUST BE PROVIDED FOR A MINIMUM DEPTH OF 24" FOR THE ENTIRE LENGTH OF THE SIDEWALK WHERE THE SIDEWALK IS FLUSH WITH THE STREET (DEPRESSURED CURB OR FLUSH TRANSITION). IF IT IS NECESSARY TO CUT A UNIT(S) IN THE PROVISION OF A COMPLIANT RAMP OR SIDEWALK WITH 24" MINIMUM DEPTH OF DETECTABLE WARNING, THE UNITS SHALL BE CUT IN A NEAT AND WORKMAN LIKE MANNER PER MANUFACTURERS REQUIREMENTS WITH A MINIMUM OF THREE PINS OR ANCHOR POINTS (WHERE APPLICABLE). THE UNITS SHALL BE ARRANGED SO THAT THE CUT UNITS ARE LARGE ENOUGH TO BE PROPERLY AND ADEQUATELY SECURED. CUT UNITS SHALL NOT BE USED UNLESS ALL OTHER DESIGN OPTIONS HAVE BEEN EXHAUSTED. THE USE OF SALVAGE PIECES FROM UNITS THAT ARE CUT WILL NOT BE PERMITTED WITHOUT WRITTEN APPROVAL OF THE COMMISSIONER. CUT UNIT SALVAGE PIECES NOT APPROVED FOR USE MUST BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY.
  4. WHERE APPLICABLE, A COMBINATION OF STRAIGHT AND RADIAL DETECTABLE WARNING UNITS MAY BE USED ON COMPOUND AND LARGE RADII. CONTRACTOR MUST MAKE THIS DETERMINATION AND VERIFY IN FIELD.
  5. THE DETECTABLE WARNING MUST CONTRAST WITH ADJACENT PAVEMENT. IF LIGHT COLORED PAVEMENT IS USED THE DETECTABLE WARNING COLOR SHALL BE RED. IF A DARK COLORED PAVEMENT IS USED THE DETECTABLE WARNING COLOR SHALL BE YELLOW. CONTRACTOR TO VERIFY THAT PROPER CONTRAST IS OBTAINED.
  6. PRIOR TO PLACING CONCRETE FOR DEPRESSURED CURBS, RAMPERS, OR SIDEWALKS THE CONTRACTOR SHALL VERIFY THAT LAYOUT OR DESIGN COMPLIES WITH THE REQUIREMENTS OF THE CDOT ADA STANDARDS.
  7. RAMP WIDTH MUST BE A MINIMUM OF 6'-0" AND IN INCREMENTS OF 1'-0", EXCEPT WHEN USING THE PERPENDICULAR RAMP AT CORNER (OR OTHER SPECIAL CDOT APPROVED CONDITIONS), WHICH HAS A MINIMUM WIDTH OF 4'-0".
  8. THE MAXIMUM ALLOWABLE RAMP RUNNING SLOPE IS 1:14, MEASURED AT ANY PORTION OF THE RAMP. IF POSSIBLE, A MORE GRADUAL SLOPE SHALL BE USED, GRADE BREAKS AT THE TOP AND BOTTOM OF RAMPERS SHALL BE PERPENDICULAR TO THE DIRECTION OF RAMP RUN.
  9. THE MAXIMUM ALLOWABLE RAMP CROSS SLOPE IS 1:64, MEASURED AT ANY PORTION OF THE RAMP. IF POSSIBLE, A MORE GRADUAL SLOPE SHALL BE USED.
  10. THE MAXIMUM ALLOWABLE RAMP LANDING SLOPE IS 1:64, MEASURED AT ANY LOCATION AND IN ANY DIRECTION ON THE LANDING. THE RAMP LANDING WIDTH SHALL MATCH THE FULL WIDTH OF THE RAMP FOR A MINIMUM UNOBSTRUCTED DEPTH OF 4'-0". RAMP LANDINGS SHALL BE PROVIDED AT THE TOP AND/OR BOTTOM OF RAMPERS WHERE TURNING IS REQUIRED.
  11. RAMP SIDE FLARES SHALL BE INSTALLED AT ANY LOCATION WHERE THE SURFACE ADJACENT TO THE RAMP SURFACE IS INTENDED FOR PEDESTRIAN USE. TRIPPING HAZARDS, INCLUDING STEPS, DROP-OFFS, OR CURBS SHALL NOT BE LOCATED WITHIN THE LIMITS OF THE SIDEWALK. RAMP SIDE FLARES ARE NOT REQUIRED WHERE THE SURFACE ADJACENT TO THE RAMP SURFACE IS LANDSCAPED OR IS OCCUPIED BY A BARRIER THAT BLOCKS PEDESTRIAN ACCESS. EXCEPTIONS TO THIS RULE MAY BE SUBMITTED TO THE COMMISSIONER FOR APPROVAL.

	DATE	REVISION	CITY OF CHICAGO GENERAL NOTES <b>SHEET B-3-2</b> DRAWN BY: CDOT CHECKED BY: LDM
	02/20/07	REVISION 1	
	11/15/07	REVISION 2	
	11/14/08	REVISION 3	
	08/10/12	REVISION 5	
	01/01/14	REVISION 6	
SCALE: NOT TO SCALE DATE: 10/23/2006			

- GENERAL NOTES (CONTINUED):**
12. UTILITIES, SUCH AS LIGHT POLES, TRAFFIC POLES AND HYDRANTS, MAY BE LOCATED IN THE FLARE OF THE RAMP BUT ARE NOT ALLOWED ON THE RAMP SURFACE OR LANDING AREAS. EXISTING UTILITY STRUCTURE LIDS MAY REMAIN WITHIN THE FLARE OR ON THE SURFACE OF THE RAMP IF THE REQUIREMENTS OF GENERAL NOTE #19 ARE MET.
  13. ALL LOCATIONS WITH TYPE 4 OR TYPE B CURB (EXCEPT ALLEY APRONS) SHALL BE CONSTRUCTED AS CURB AND GUTTER TYPE BV.12 THROUGH THE LIMITS OF THE CORNER AND THE CURB RAMPERS.
  14. ALTERATIONS SHALL NOT DECREASE THE ACCESSIBILITY TO EXISTING FACILITIES. SIDEWALKS LEADING TO EXISTING FACILITIES, OR DOOR OR GATE ACCESS POINTS TO FACILITIES. THE ELEVATION AT THE EXISTING PROPERTY LINE OR FACILITY ACCESS POINT SHALL BE MAINTAINED AT A MINIMUM. ANY ALTERATIONS ADJACENT TO OR AFFECTING A FACILITY ACCESS POINT SHALL RESULT IN IMPROVED ACCESS OR AT A MINIMUM A REPLICATION OF EXISTING CONDITIONS, INCLUDING SIDEWALK SLOPES AND SURFACE CONDITIONS. FACILITIES INCLUDE, BUT ARE NOT LIMITED TO PRIVATE BUSINESSES, PUBLIC BUILDINGS, RESIDENCES, BUS STOPS, PUBLIC BENCHES, PAY PHONES, AND PARKING METERS.
  15. THE MINIMUM CROSSWALK WIDTH IS 6'-0". CROSSWALKS SHALL BE LOCATED AS SHOWN IN THE PLAN SHEETS DEPENDING ON THE TYPE OF CURB RAMP USED. BEYOND THE CURB FACE AT THE BASE OF CURB RAMPERS, A CLEAR SPACE OF 4'-0" BY 4'-0" MINIMUM SHALL BE PROVIDED WITHIN THE STRIPES OF THE CROSSWALK (WHERE PROVIDED).
  16. IF SIDEWALK AND ALLEY ARE AT THE SAME GRADE, A RAMP IS NOT REQUIRED. IF SIDEWALK AND DRIVEWAY ARE AT THE SAME GRADE, A RAMP IS NOT REQUIRED BUT DETECTABLE WARNING UNITS ARE STILL REQUIRED IF THE DRIVEWAY HAS TRAFFIC CONTROL DEVICES (I.E. TRAFFIC SIGNALS).
  17. MAIN LINE SIDEWALK SHALL HAVE A MAXIMUM CROSS SLOPE NOT TO EXCEED 1:64 FOR THE FULL WIDTH OF WALK UNLESS OTHERWISE APPROVED BY THE COMMISSIONER. WHERE TURNING IS REQUIRED AND WHERE SIDEWALKS INTERSECT, THE SLOPE OF THE SIDEWALK SHALL NOT EXCEED 1:64 IN ANY DIRECTION.
  18. MAIN LINE SIDEWALK RUNNING SLOPES SHALL NOT EXCEED 1:24 OR THE GENERAL GRADE ESTABLISHED FOR THE ADJACENT STREET, WHICHEVER IS HIGHER.
  19. THERE SHALL BE NO VERTICAL LEVEL DIFFERENCES BETWEEN SURFACES GREATER THAN 1/4" ON THE MAIN LINE SIDEWALK. THERE SHALL BE NO HORIZONTAL GAPS OR OPENINGS GREATER THAN 1/2" ON THE MAIN LINE SIDEWALK.
  20. WHERE OBSTRUCTIONS EXIST ON THE MAINLINE SIDEWALK, THE CLEAR WIDTH OF USEABLE SIDEWALK SHALL NOT BE LESS THAN 4'-0". OBSTRUCTIONS INCLUDE, BUT ARE NOT LIMITED TO SIDEWALK BENCHES, FIRE HYDRANTS, SIGNAL OR LIGHT POLES, NEWSPAPER DISPENSERS, TRASH RECEPTACLES, AND UTILITY PEDESTALS.
  21. CURB RAMPERS AND LANDING (KEYSTONE) TO BE CONSTRUCTED WITH 8" THICK CONCRETE AT ALL TRAFFIC SIGNALIZED INTERSECTIONS AND INDUSTRIAL STREET INTERSECTIONS. AT ALL OTHER LOCATIONS, 5" THICK CONCRETE TO BE USED.
  22. DEPRESSURED CURB, RAMP, OR SIDEWALK DESIGNS OR LAYOUTS SHALL MAINTAIN OR IMPROVE EXISTING DRAINAGE AND THE EXISTING INTERSECTION GEOMETRY SHALL NOT BE MODIFIED WITHOUT CDOT APPROVAL.
  23. ALL CONSTRUCTION DOCUMENTS MUST BE STAMPED BY A LICENSED ARCHITECT/LANDSCAPE ARCHITECT/ENGINEER TO CERTIFY THAT THEY ARE IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA) AND ALL CODES AND BUILDING ORDINANCES OF THE CITY OF CHICAGO AND THE STATE OF ILLINOIS.
  24. NO DEVIATIONS FROM THESE STANDARDS ARE ALLOWED WITHOUT WRITTEN APPROVAL FROM THE COMMISSIONER.

	DATE	REVISION	CITY OF CHICAGO GENERAL NOTES (CONTINUED) <b>SHEET B-3-3</b> DRAWN BY: CDOT CHECKED BY: LDM
	02/20/07	REVISION 1	
	11/15/07	REVISION 2	
	11/14/08	REVISION 3	
	08/10/12	REVISION 5	
	01/01/14	REVISION 6	
SCALE: NOT TO SCALE DATE: 10/23/2006			



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

ADA RAMP DETAILS

CITY OF CHICAGO  
ADA STANDARDS

SCALE: N.T.S.

SHEET NO.  
84

DATE: 01/12/18



ADA COMPLIANCE AND TRANSITION GUIDELINES  
POLICY STATEMENT: ANY ALTERATION OF THE PUBLIC WAY MUST BE RESTORED IN AN ADA COMPLIANT MANNER

I. STREET/ALLEY RESTORATION

FOR ANY PROJECT WHERE, WITHIN THE PROJECT LIMITS, A CROSSWALK IS ENCOUNTERED OR WHERE THE PROJECT LIMITS TERMINATE WITHIN 4' OR LESS OF A CROSSWALK, THOSE CROSSWALKS AND THE ASSOCIATED CURB RAMPS MUST BE IMPROVED TO CURRENT ADA STANDARDS IF THEY ARE NOT COMPLIANT (SEE APPENDIX A.)

WHEN A PROJECT CALLS FOR ONLY AN INTERSECTION TO BE REPAVED, THE INTERSECTION LIMITS AS DEFINED BY THE AREA OUTLINED BY OUTERMOST CROSSWALK LINES AND ADJACENT CURB FACES AND ALL ADJOINING CROSSWALKS AND CURB RAMPS MUST BE IMPROVED TO CURRENT ADA STANDARDS IF THEY ARE NOT COMPLIANT (SEE APPENDIX A.)

WHEN WORK IS LIMITED TO A SINGLE CORNER OF AN INTERSECTION, THE CURB RAMP MUST BE IMPROVED TO CURRENT ADA STANDARDS AND THE ADJACENT PAVEMENT MUST BE RESURFACED, AS NECESSARY TO PROVIDE FOR A FLUSH TRANSITION (SEE APPENDIX A.)

WHEN ADA WORK IS LIMITED TO A SINGLE CORNER OF AN INTERSECTION, THE ADJACENT PAVEMENT MUST BE RESTORED TO THE 14' POINT OF THE ROADWAY.

FOR ANY CONSTRUCTION WHERE, WITHIN THE PROJECT LIMITS, AN ALLEY APRON IS ENCOUNTERED, THE ASSOCIATED CURB RAMPS, ALLEY APRON, AND SIDEWALKS MUST BE IMPROVED TO CURRENT ADA STANDARDS IF THEY ARE NOT COMPLIANT (SEE APPENDIX A.)

II. SIDEWALK INSTALLATION / REPAIRS / RECONSTRUCTION

THE LIMITS OF ANY MAINLINE SIDEWALK REPLACEMENT, GREATER THAN TEN FEET (10') IN LENGTH, THAT ABUT AN EXISTING RAMP, KEYSTONE, TRANSITION PANEL, AND/OR LANDING AREA (THIS TOTAL LENGTH INCLUDES THE PRIOR ELEMENTS), SHALL BE EXTENDED TO INCLUDE THE AFFECTED RAMPS AND THESE RAMPS SHALL BE RECONSTRUCTED TO CURRENT ADA STANDARDS. IN ADDITION, ALL NEWLY PLACED SIDEWALK TEN FEET (10') OR MORE IN LENGTH SHALL BE CONSTRUCTED IN ACCORDANCE WITH ALL CURRENT APPLICABLE STANDARDS WHICH INCLUDE PROVIDING A MINIMUM FOUR FEET (4') WIDTH ACCESSIBLE PATHWAY WITH A CROSS SLOPE NOT TO EXCEED 1:64 (SEE APPENDIX A.)

III. GUIDELINES FOR TRANSITIONING TO EXISTING NON-COMPLIANT CONDITION

NEW SIDEWALK PLACEMENTS GREATER THAN TEN FEET IN CONTIGUOUS LENGTH:

THE LIMITS OF ANY MAINLINE SIDEWALK REPLACEMENT, GREATER THAN TEN FEET (10') IN LENGTH, MUST BE EXTENDED FOR A MINIMUM FIVE ADDITIONAL FEET (5') EITHER SIDE IN ORDER TO PROVIDE A TRANSITION TO MATCH THE EXISTING SIDEWALK. THE LENGTH OF TRANSITION SHALL BE LENGTHENED AS NECESSARY TO ENSURE THAT THE RUNNING SLOPE OF THE TRANSITION DOES NOT EXCEED A SLOPE OF 1:24 (PREFERRED) OR 1:14 (MAXIMUM) AT ANY POINT.


NEW SIDEWALK REPLACEMENTS TEN FEET OR LESS IN CONTIGUOUS LENGTH (REPAIRS):

IT IS ACCEPTABLE PRACTICE TO MATCH ADJACENT SIDEWALKS AT THE EXISTING SLOPE.

CURB RAMP REPLACEMENTS

WHEN REPLACING AN ADA RAMP, THE SIDEWALK REPLACEMENT MUST EXTEND BEYOND THE LIMITS OF THE LANDING AREA AND/OR THE "KEYSTONE" A MINIMUM OF AN ADDITIONAL FIVE FEET (5') ON EITHER SIDE IN ORDER TO PROVIDE A TRANSITION TO MATCH THE EXISTING SIDEWALK. THE TRANSITION PANEL SHALL BE LENGTHENED AS NECESSARY TO ENSURE THAT THE RUNNING SLOPE OF THE TRANSITION PANEL DOES NOT EXCEED A SLOPE OF 1:24 (PREFERRED) OR 1:14 (MAXIMUM) AT ANY POINT.

NO EXCEPTIONS TO THE ABOVE WILL BE ALLOWED WITHOUT WRITTEN APPROVAL FROM THE COMMISSIONER.

	DATE	REVISION	CITY OF CHICAGO ADA COMPLIANCE AND TRANSITION GUIDELINES <b>SHEET B-3-4</b> DRAWN BY: CDOT CHECKED BY: LOM
	02/20/07	REVISION 1	
	11/15/07	REVISION 2	
	11/14/08	REVISION 3	
	08/10/12	REVISION 5	


ALL DRAWINGS FOR WORK IN THE PUBLIC WAY  
MUST BE STAMPED AND SIGNED BY A LICENSED  
ARCHITECT, LANDSCAPE ARCHITECT OR  
LICENSED ENGINEER FOR CERTIFICATION

CERTIFICATION:

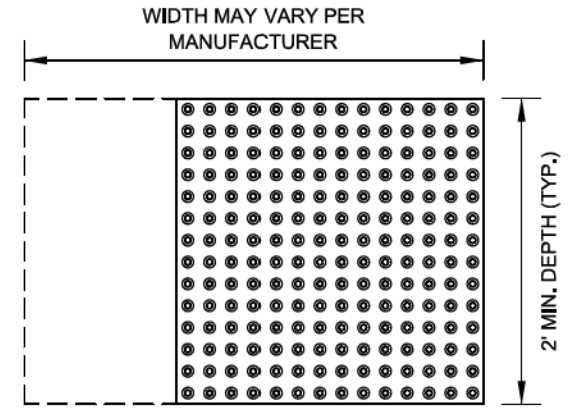


THIS CERTIFIED THAT THESE DRAWINGS HAVE BEEN  
REVIEWED TO THE BEST OF MY KNOWLEDGE AND THAT  
I BELIEVE THEY ARE IN ACCORDANCE WITH THE  
AMERICANS WITH DISABILITIES ACT (ADA), AND ALL  
CODES AND BUILDING ORDINANCES OF THE CITY OF  
CHICAGO, STATE OF ILLINOIS.

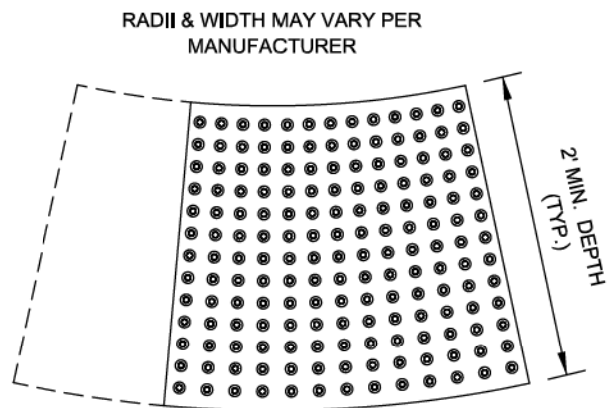
LICENSED ARCHITECT / LANDSCAPE ARCHITECT /  
LICENSED ENGINEER

	DATE	REVISION	CITY OF CHICAGO SEAL <b>SHEET B-3-5</b> DRAWN BY: CDOT CHECKED BY: LOM
	02/20/07	REVISION 1	
	11/15/07	REVISION 2	
	11/14/08	REVISION 3	
	08/10/12	REVISION 5	

STRAIGHT DETECTABLE WARNING UNITS




RADIAL DETECTABLE WARNING UNITS

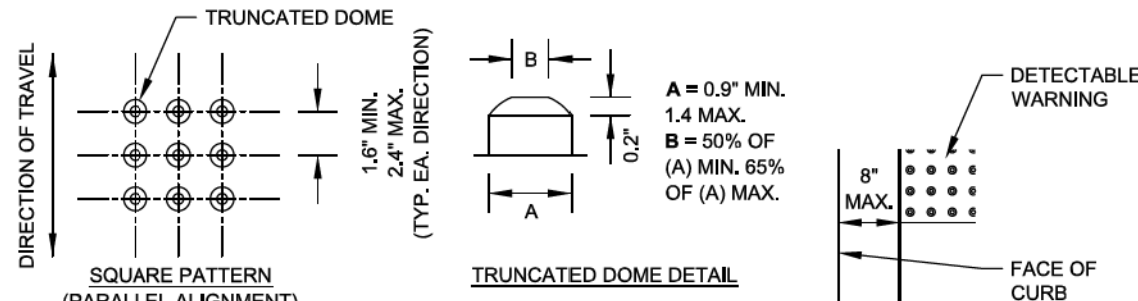


DETECTABLE WARNING UNIT SIZES

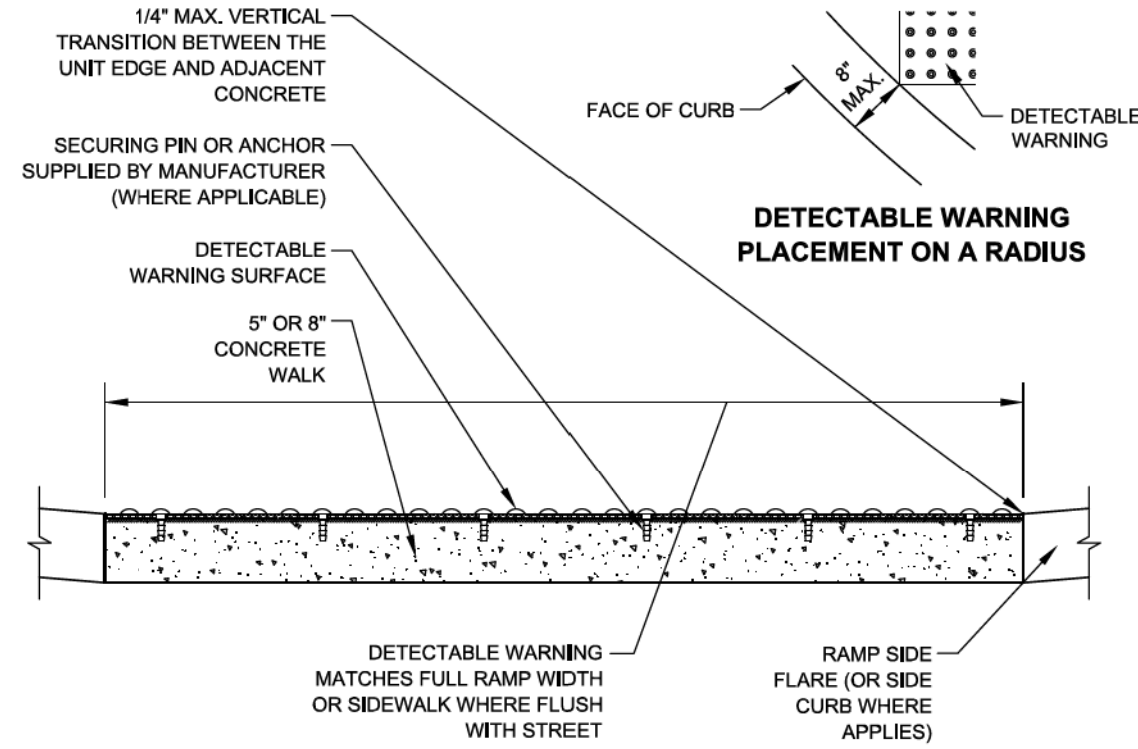
- VERIFY ALL DIMENSIONS WITH THE PRODUCT MANUFACTURER.
- IF USING RADIAL UNITS, VERIFY THAT THE CURB RADIUS MATCHES AVAILABLE UNIT RADII WITH THE PRODUCT MANUFACTURER.
- APPROVED LIST OF DETECTABLE WARNING PRODUCTS CAN BE FOUND ON CDOT'S WEBSITE ([www.cityofchicago.org](http://www.cityofchicago.org)).

	DATE	REVISION	CITY OF CHICAGO DETECTABLE WARNING UNIT SIZES <b>SHEET B-4-1</b> DRAWN BY: CDOT CHECKED BY: LOM
	02/20/07	REVISION 1	
	11/15/07	REVISION 2	
	11/14/08	REVISION 3	
	08/10/12	REVISION 5	


GENERAL NOTE:  
THE ROWS OF DOMES IN THE DETECTABLE WARNING MATERIAL MUST BE ALIGNED WITH THE PATH OF  
WHEELCHAIR TRAVEL WHICH IS REQUIRED TO BE PERPENDICULAR TO THE GRADE BREAK AT THE BOTTOM OF THE  
RAMP TO PERMIT TRACKING BETWEEN DOME ROWS. ON BLENDED TRANSITIONS OR FLUSH TRANSITIONS, WHERE  
RADIAL UNITS ARE SITUATED ABOUT THE CURB RADIUS, DOME ORIENTATION IS NOT SIGNIFICANT.

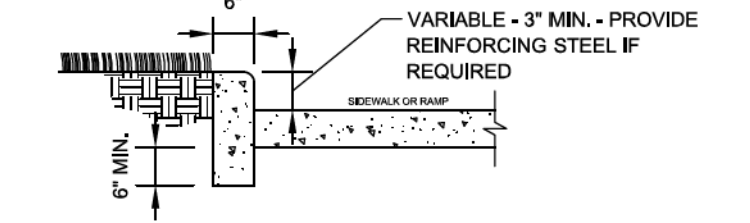


UNIT PATTERN & DOME DETAIL

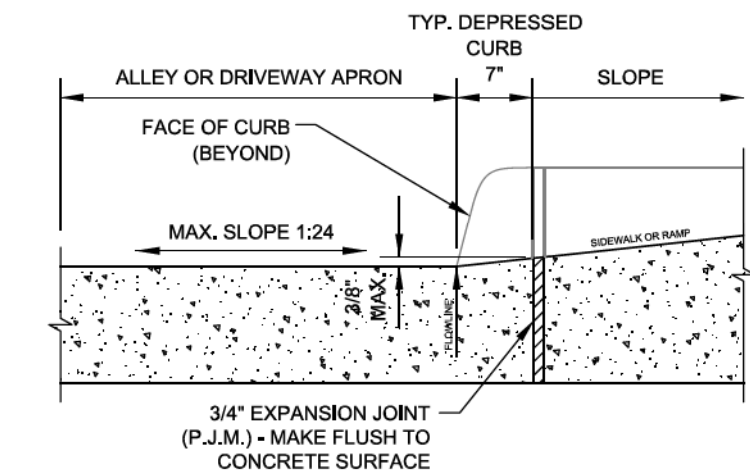


DETECTABLE WARNING UNIT SECTION

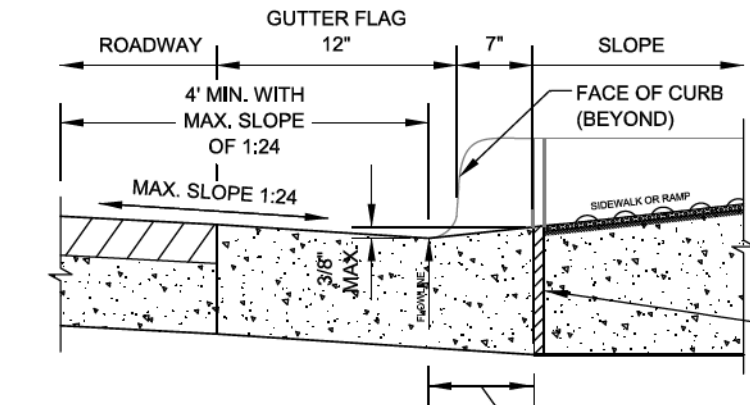
	DATE	REVISION	CITY OF CHICAGO DETECTABLE WARNING UNIT DETAILS <b>SHEET B-4-2</b> DRAWN BY: CDOT CHECKED BY: LOM
	02/20/07	REVISION 1	
	11/15/07	REVISION 2	
	11/14/08	REVISION 3	
	08/10/12	REVISION 5	




SIDE CURB - SECTION



DEPRESSED CURB & GUTTER  
AT ALLEY/DRIVEWAY APRON (TYPE 4 OR B CURB)



DEPRESSED CURB & GUTTER  
AT BOTTOM OF TYPICAL CURB RAMP

	DATE	REVISION	CITY OF CHICAGO CURB & GUTTER DETAILS <b>SHEET B-4-3</b> DRAWN BY: CDOT CHECKED BY: LOM
	02/20/07	REVISION 1	
	11/15/07	REVISION 2	
	11/14/08	REVISION 3	
	08/10/12	REVISION 5	

NOTES FOR CURB & GUTTER  
DETAILS THIS SHEET:

- CROSS SLOPE AT DEPRESSED CURB & GUTTER NOT TO EXCEED 1:64.
- DETECTABLE WARNING SURFACE AT DRIVEWAYS REQUIRED ONLY FOR COMMERCIAL DRIVEWAYS WITH TRAFFIC CONTROL DEVICES, I.E. SIGNALS.
- REFER TO REGULATIONS FOR OPENINGS, CONSTRUCTION AND REPAIR IN THE PUBLIC WAY (CDOT) FOR ADDITIONAL REQUIREMENTS FOR CURB AND GUTTER INSTALLATION.
- RAMP SIDE FLARES SHALL BE INSTALLED AT ANY LOCATION WHERE THE SURFACE ADJACENT TO THE RAMP SURFACE IS INTENDED FOR PEDESTRIAN USE. TRIPPING HAZARDS, INCLUDING STEPS, DROP-OFFS, OR SIDE CURBS SHALL NOT BE LOCATED WITHIN THE LIMITS OF THE SIDEWALK.
- "P.J.M." THIS SHEET REFERS TO PREFORMED JOINT MATERIAL.



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

ADA RAMP DETAILS

CITY OF CHICAGO  
ADA STANDARDS

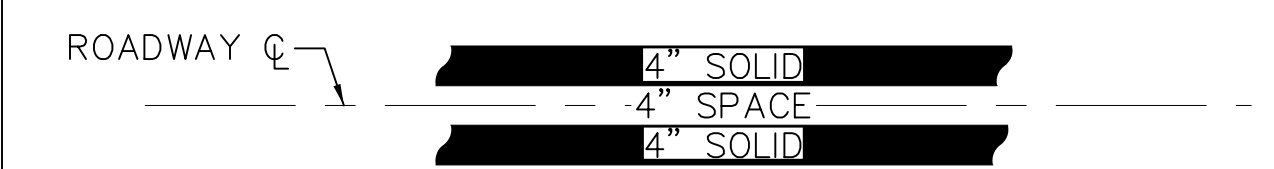
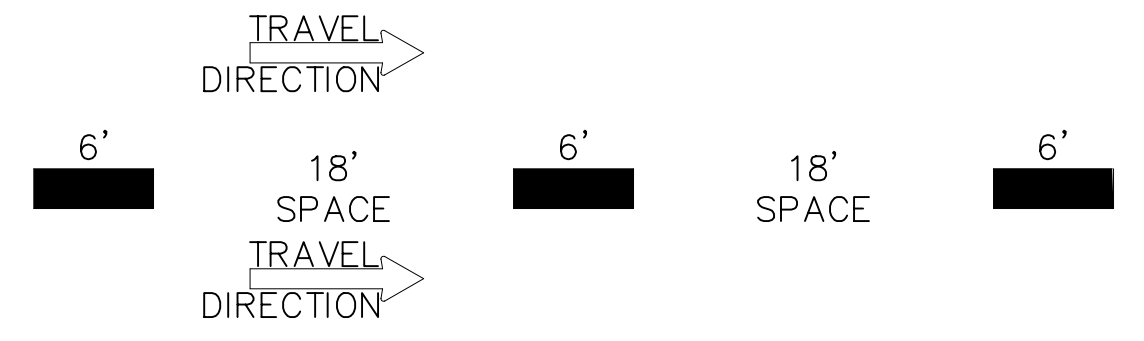
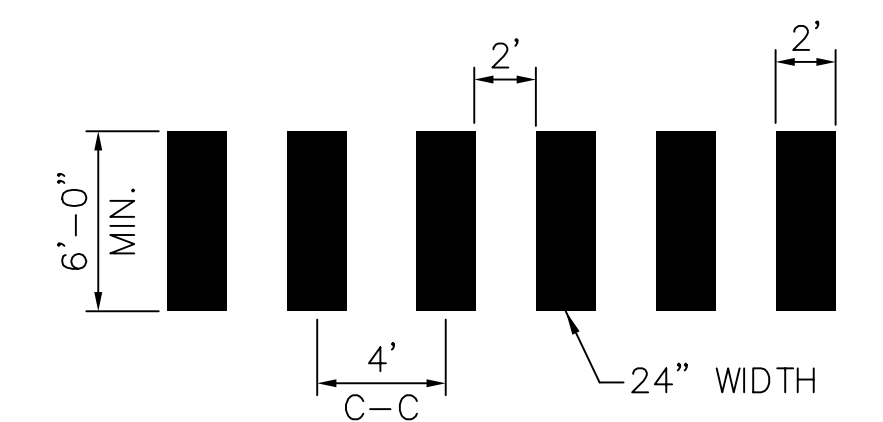


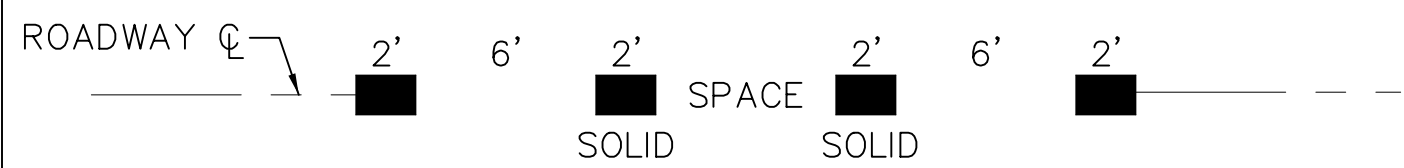

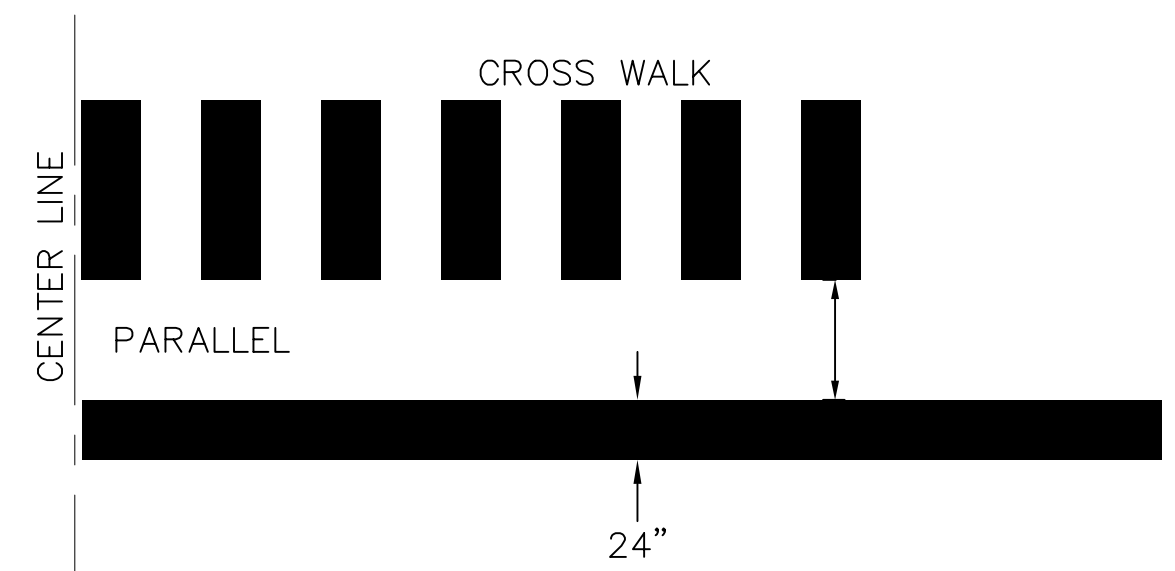
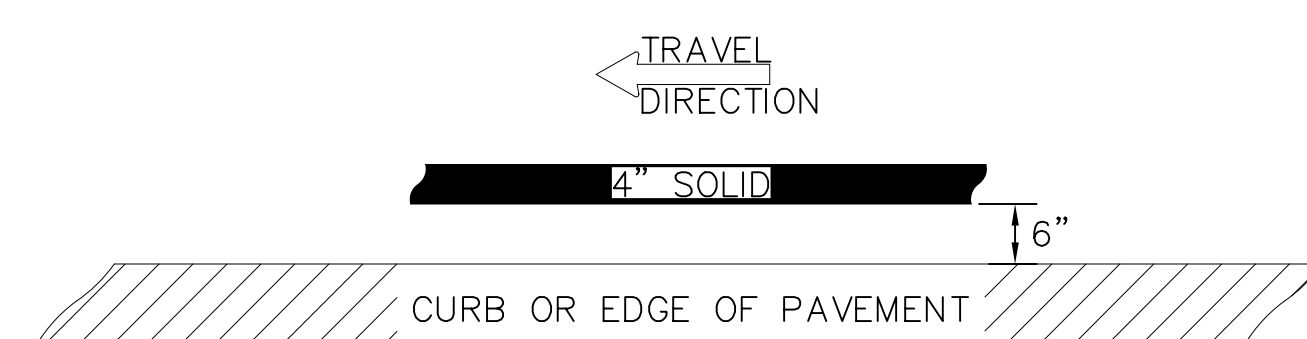
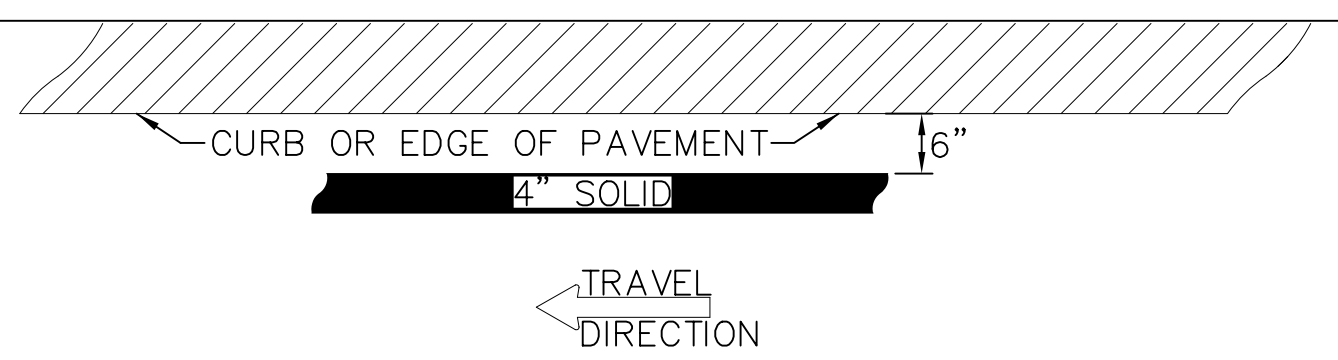
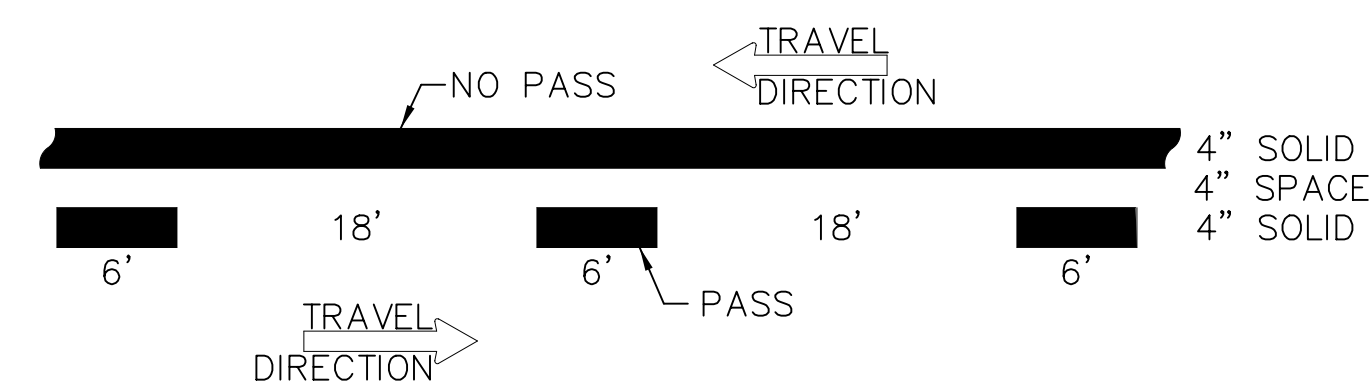

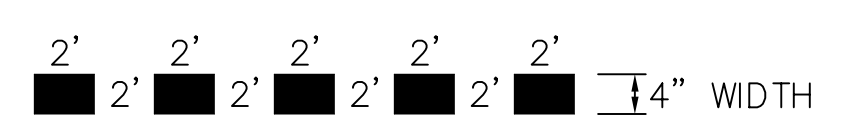
SCALE: N.T.S.

SHEET NO.  
85

DATE: 01/12/18



PAVEMENT MARKINGS - PATTERNS & WIDTHS

LONGITUDINAL LINES - YELLOW		LONGITUDINAL LINES - WHITE		TRAVERSE LINES - WHITE	
TYPE LINE	PATTERNS & WIDTHS	TYPE LINE	PATTERNS & WIDTHS	TYPE LINE	
DOUBLE CENTER LINE		SKIP-DASH LANE LINE		INTERNATIONAL	
SKIP-DASH CENTER LINE		SOLID LANE LINE			
DOTTED CENTER LINE		DOTTED PATH GUIDE LINE		STOP BAR	
EDGE LINE		EDGE LINE			
NO PASSING ZONE ONE DIRECTION		TURN BAY LINE (RIGHT OR LEFT)			
		CONTINUITY LANE THRU INTERSECTION			



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

STANDARD DETAILS

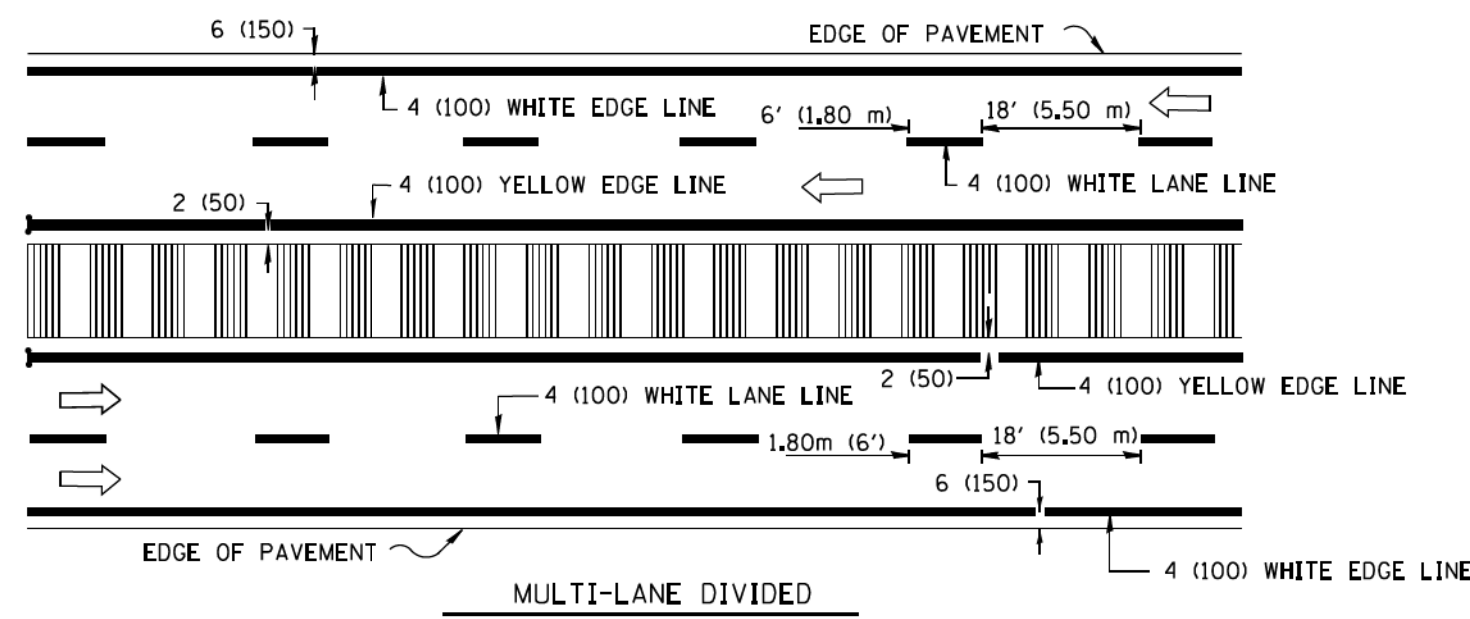
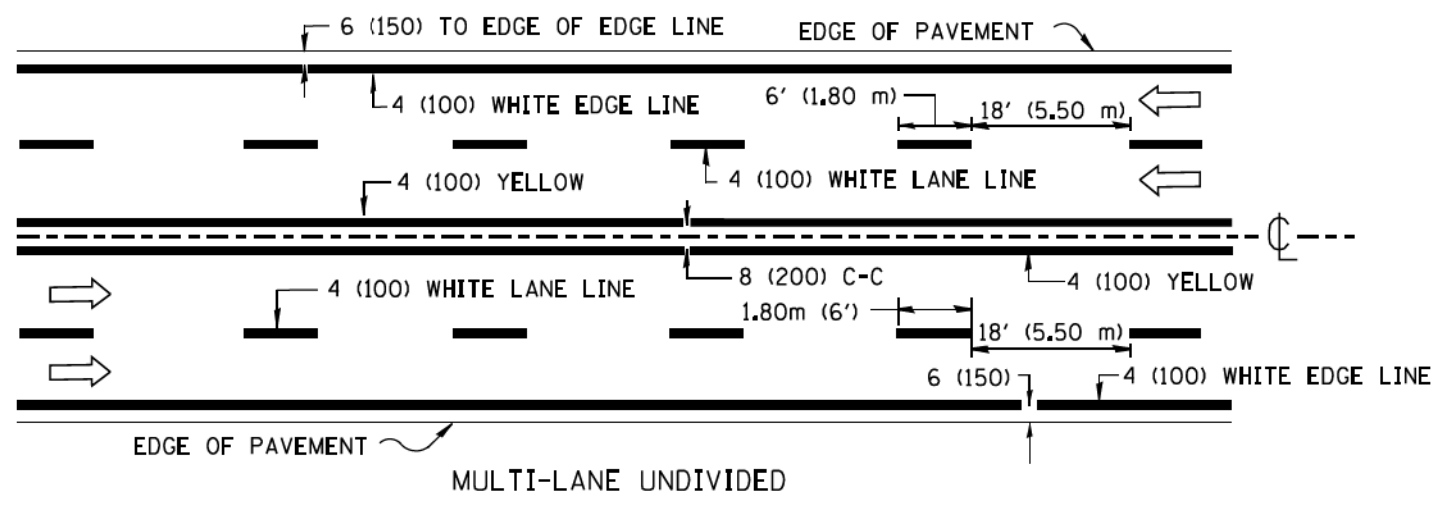
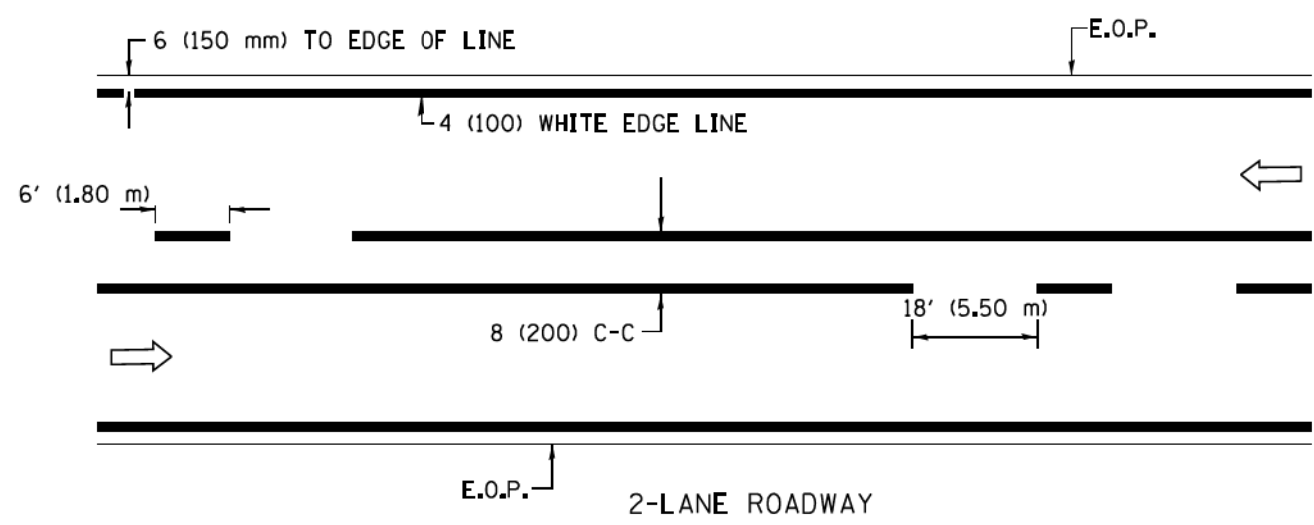
PAVEMENT MARKING DETAILS

SCALE: N.T.S.

SHEET NO.  
86

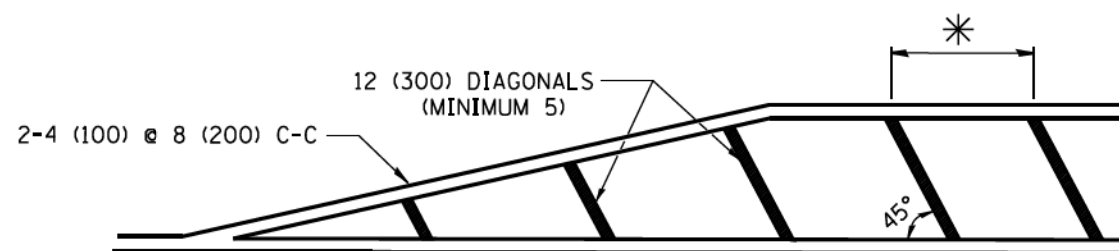
DATE: 01/12/18





NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

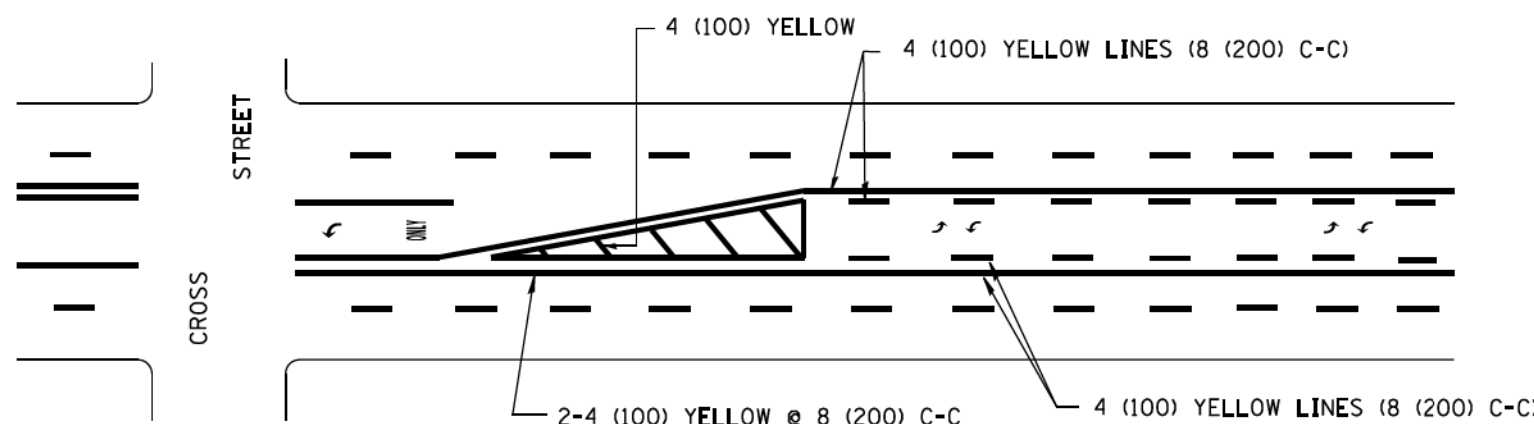
### TYPICAL LANE AND EDGE LINE MARKING



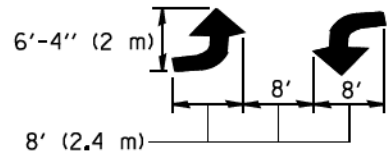
\* FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

\* DIAGONAL LINE SPACING: 20' (6.1 m) C-C

### PAINTED MEDIANS

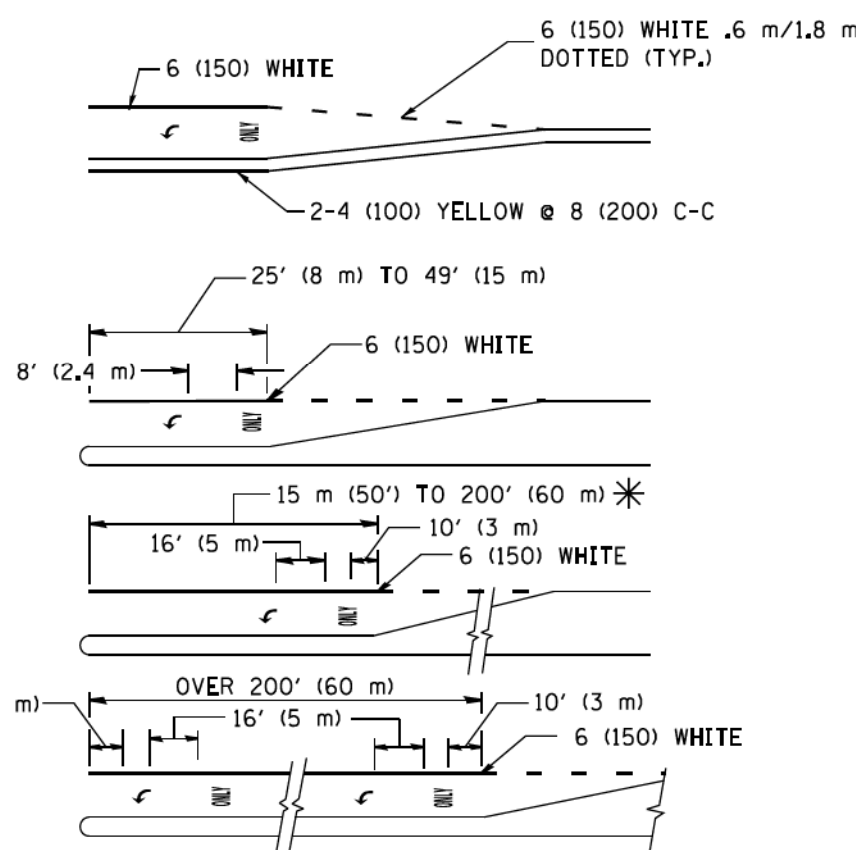


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



### MEDIAN WITH TWO-WAY LEFT TURN LANE

### TYPICAL PAINTED MEDIAN MARKING

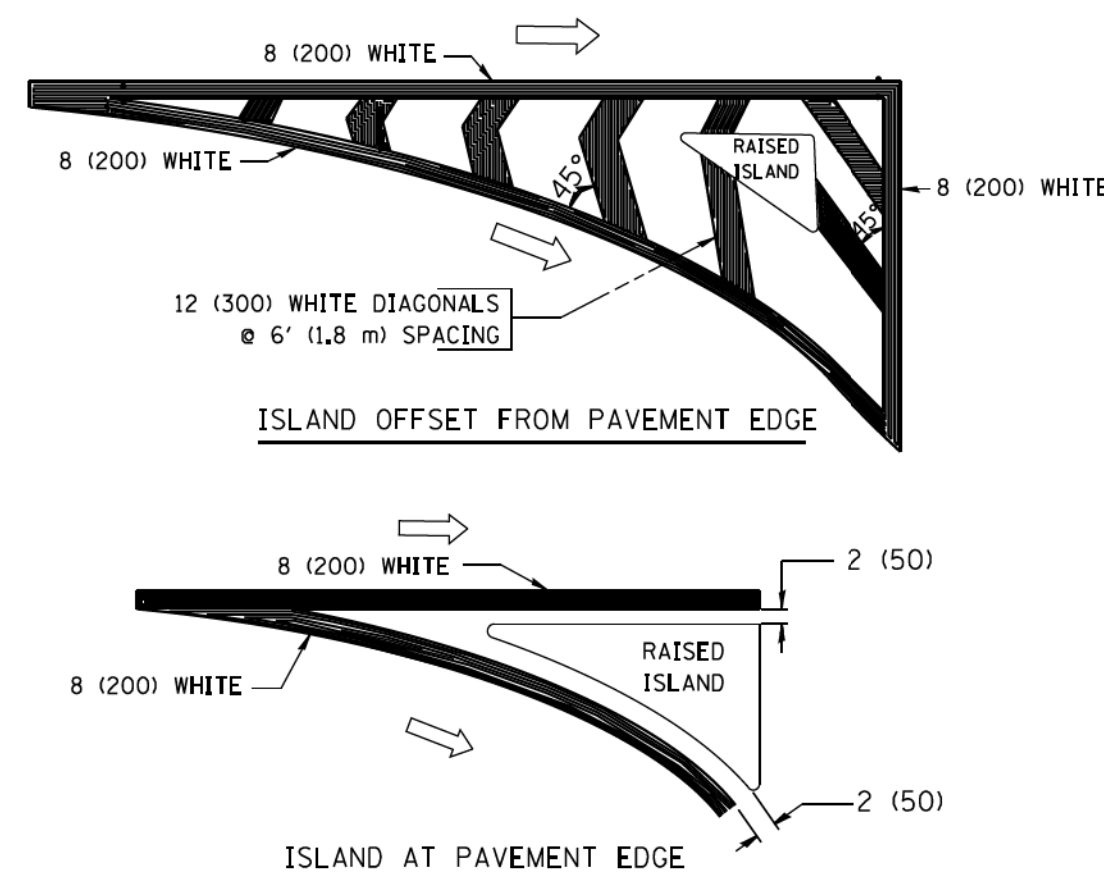


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
 AREA = 15.8 SQ. FT. (1.47 m<sup>2</sup>) AREA = 22.9 SQ. FT. (2.13 m<sup>2</sup>)

\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

### TYPICAL LEFT (OR RIGHT) TURN LANE

### TYPICAL TURN LANE MARKING



### TYPICAL ISLAND MARKING

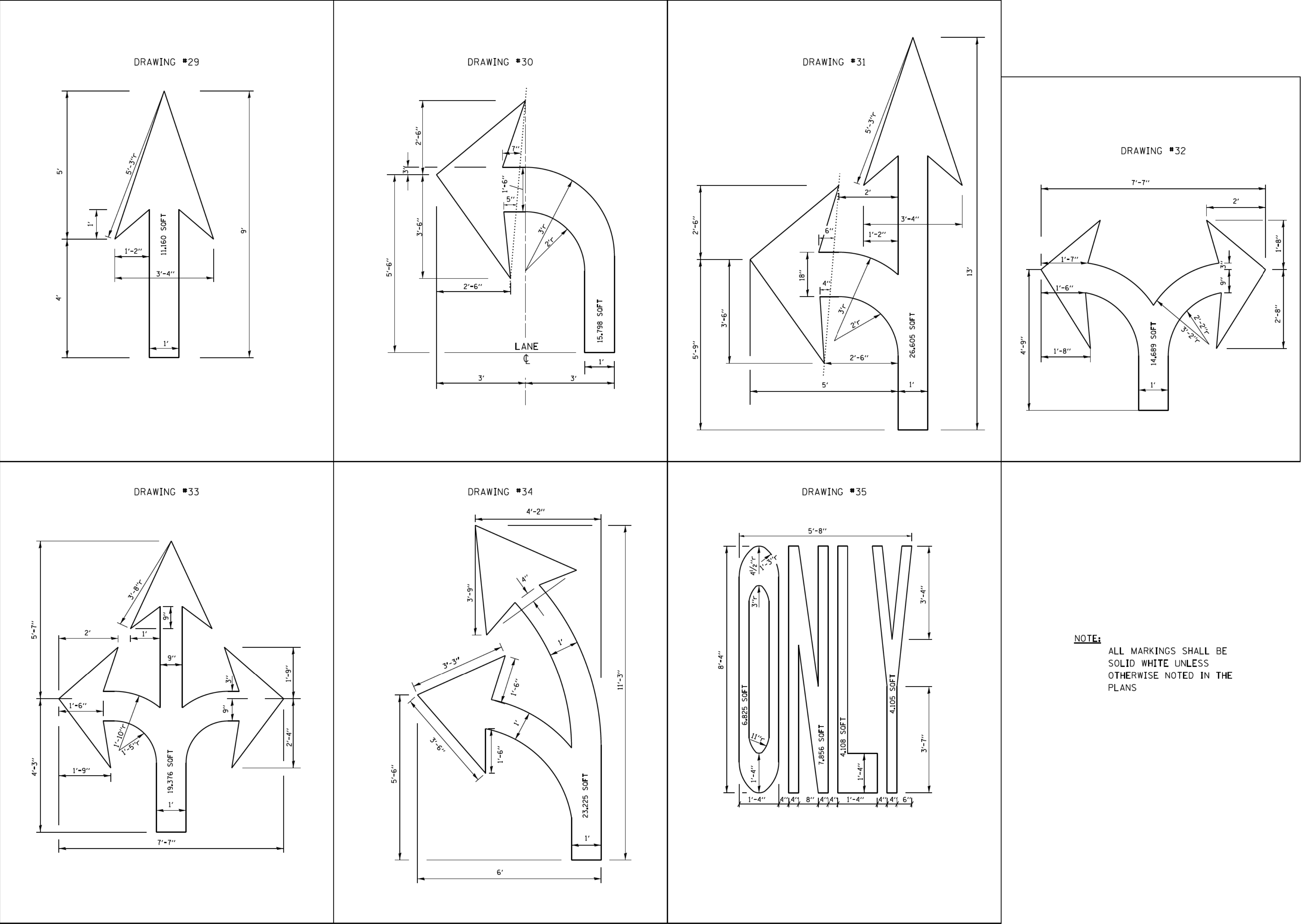
TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4' (100)	SKIP-DASH	YELLOW	6' (1.80 m) LINE WITH 18' (5.50 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4' (100)	SOLID	YELLOW	8' (200) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4' (100) 2 @ 4' (100)	SOLID SOLID	YELLOW YELLOW	8' (200) C-C
LANE LINES	4' (100) 5' (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	6' (1.80 m) LINE WITH 18' (5.50 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8) SPACE
EDGE LINES	4' (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6' (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4 m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4' (100) EACH DIRECTION 8' (2.4 m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	6' (1.8 m) LINE WITH 18' (5.50 m) SPACE FOR SKIP-DASH; 8' (200) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL & PEDESTRIAN)	12' (300) @ 45° 24' (600) @ 90°	SOLID SOLID	WHITE WHITE	2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24' (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4' (100) WITH 12' (300) DIAGONALS @ 45°	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	8' (200) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
CORE MARKING AND CHANNELIZING LINES	8' (200) WITH 12' (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 20' (6.1 m) (LESS THAN 30 MPH (50 km/h))
RAILROAD CROSSING	24' (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16' (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33m <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STREET MARKING STANDARDS, PRINTED BY CITY OF CHICAGO, DEPARTMENT OF TRANSPORTATION, BUREAU OF TRAFFIC.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

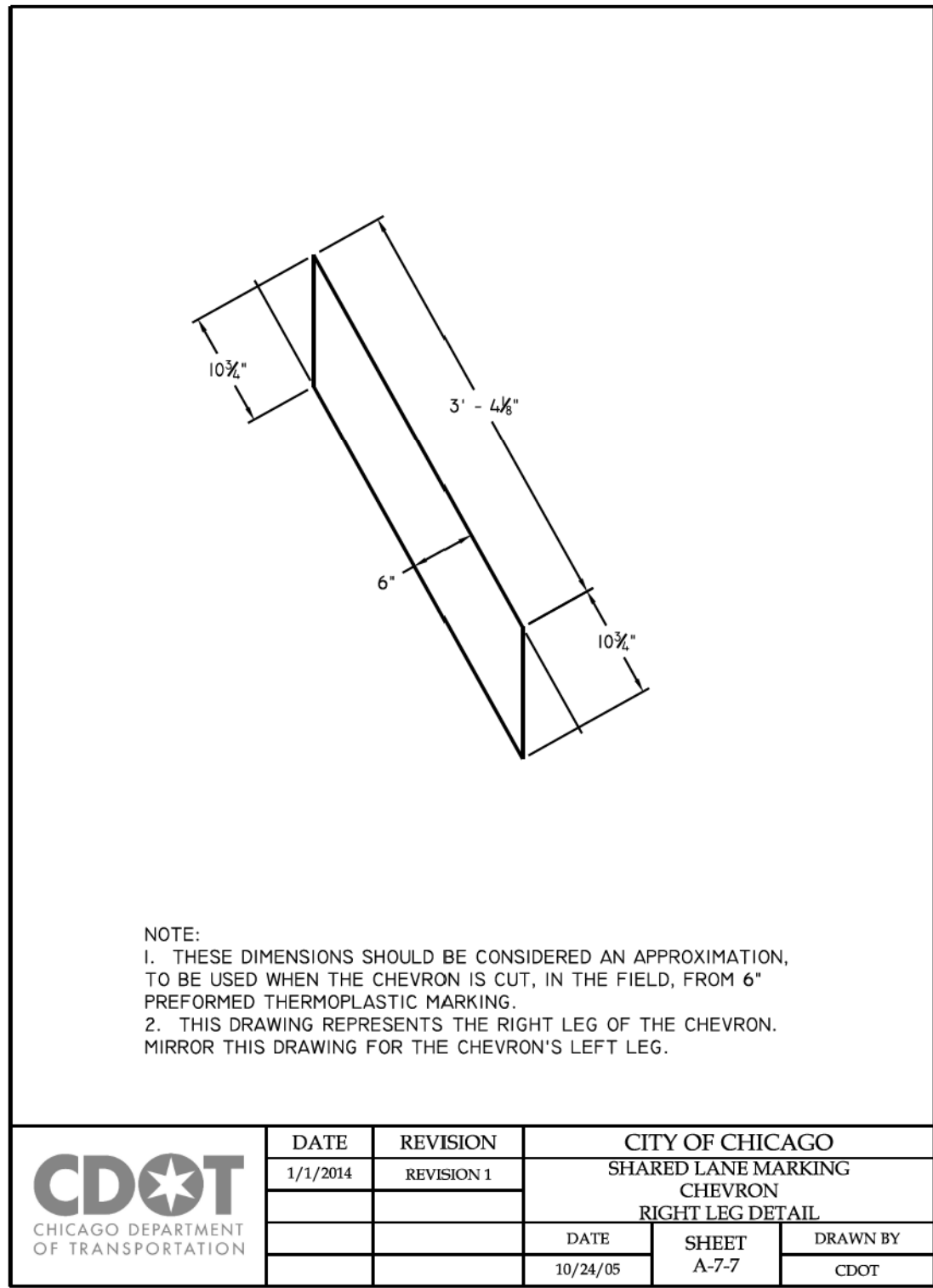
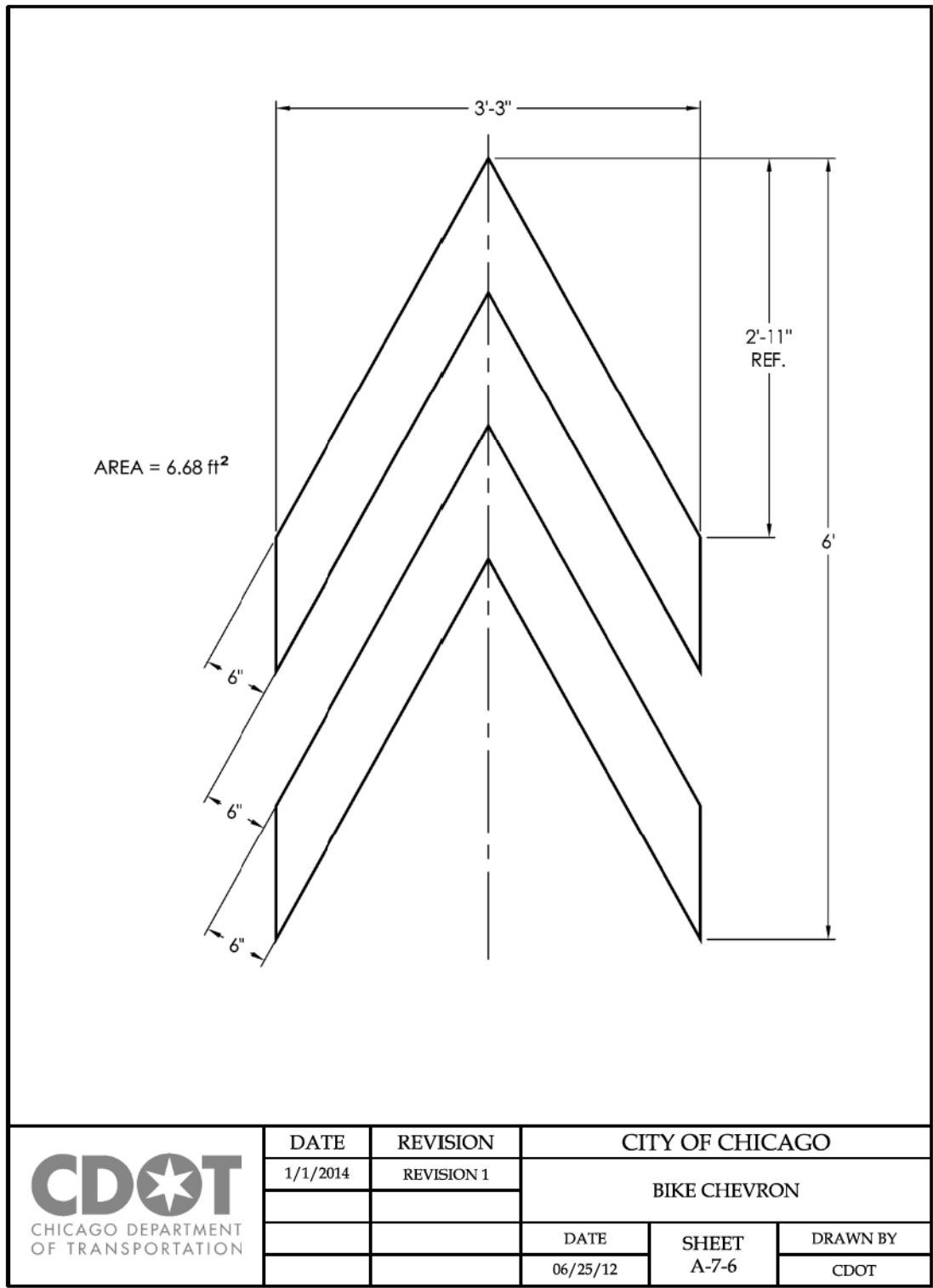
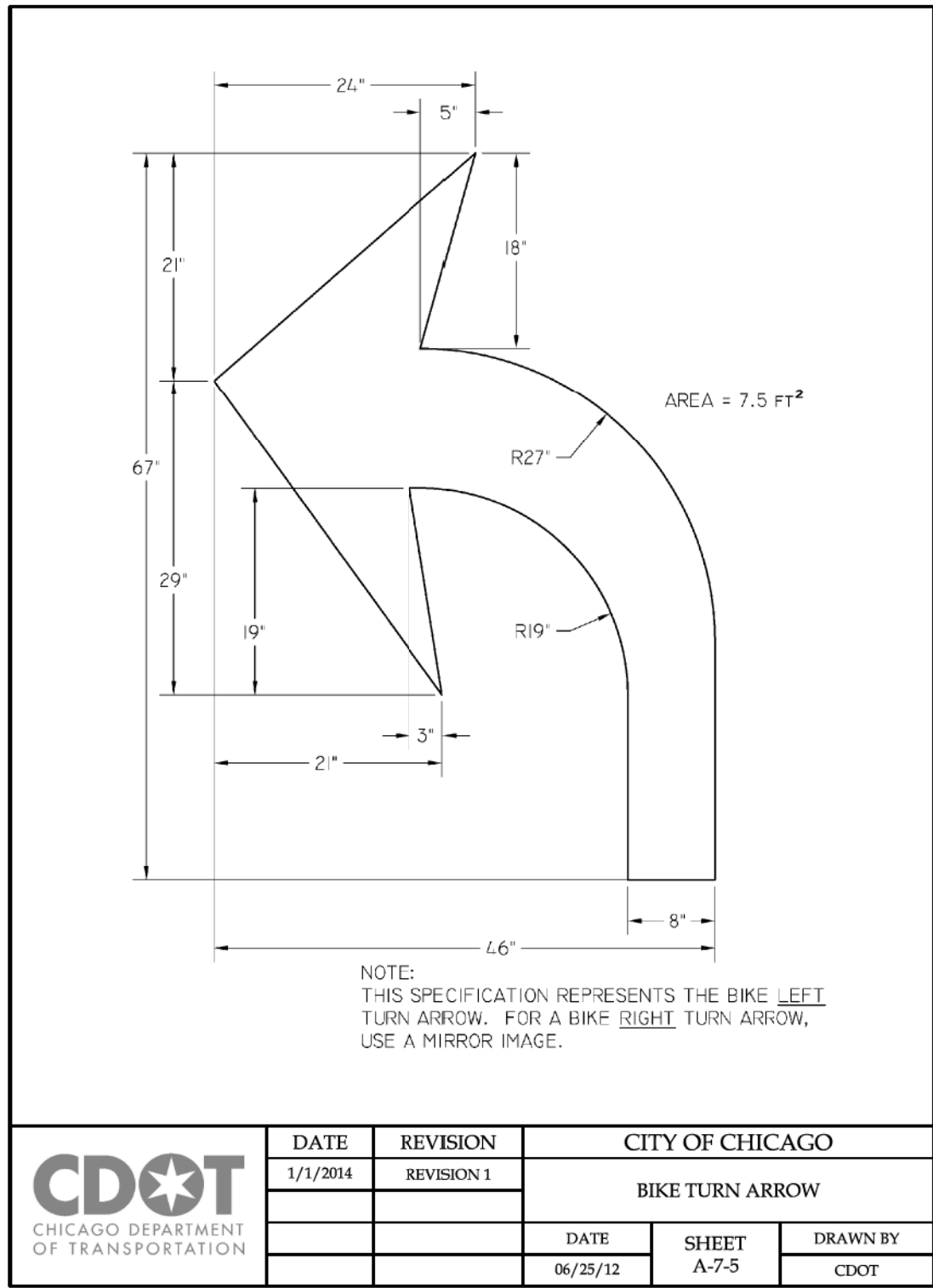
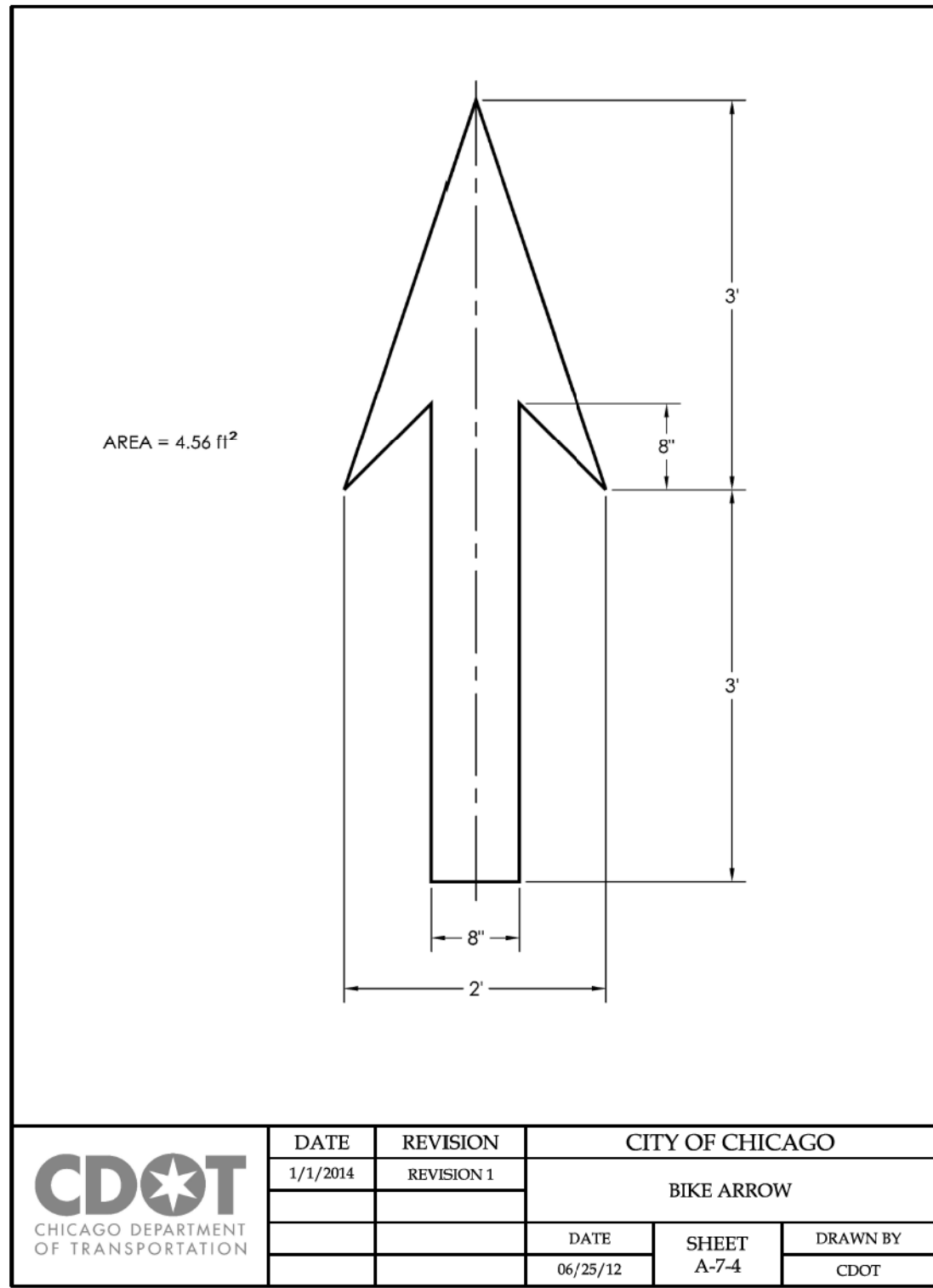
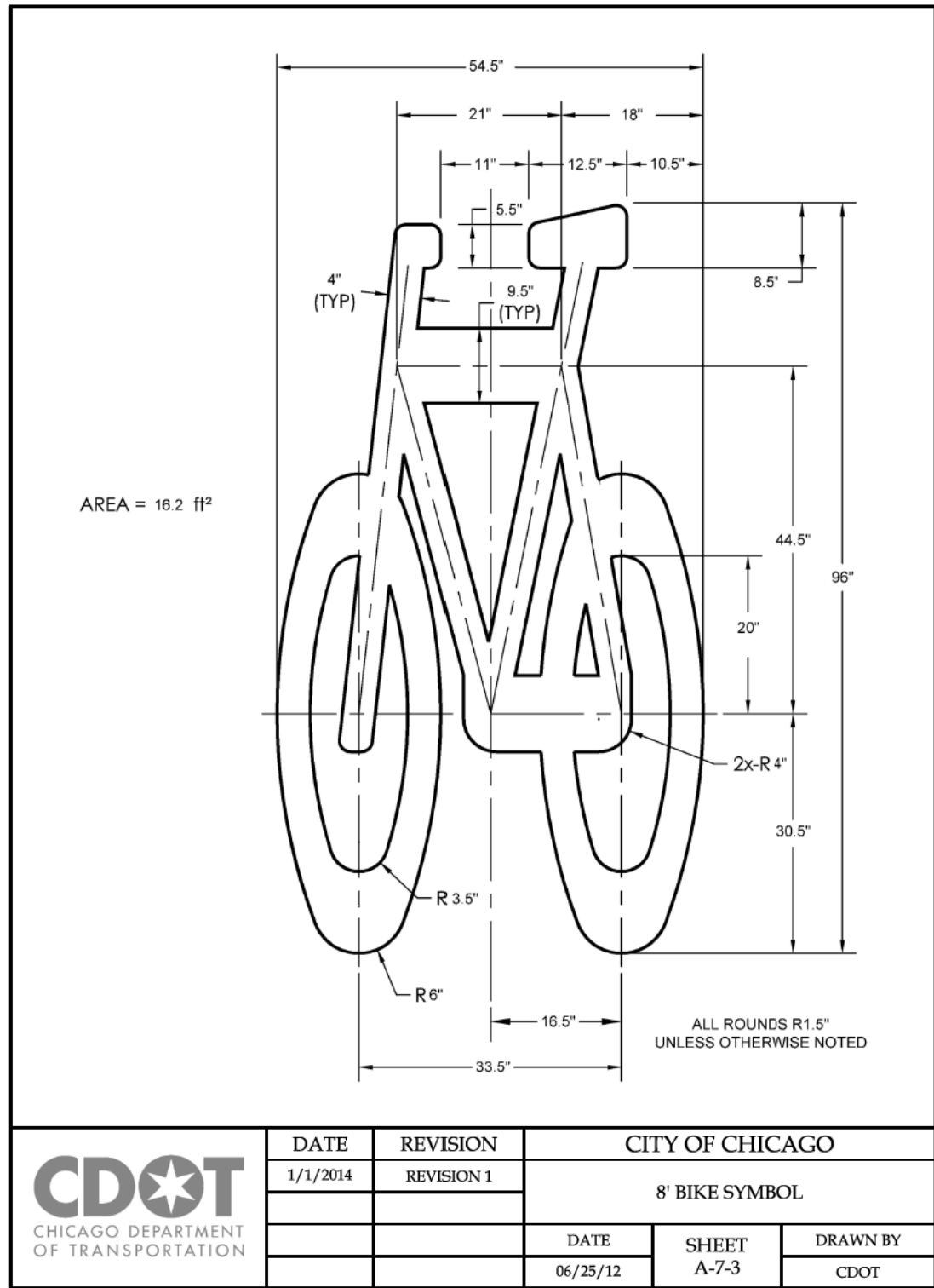
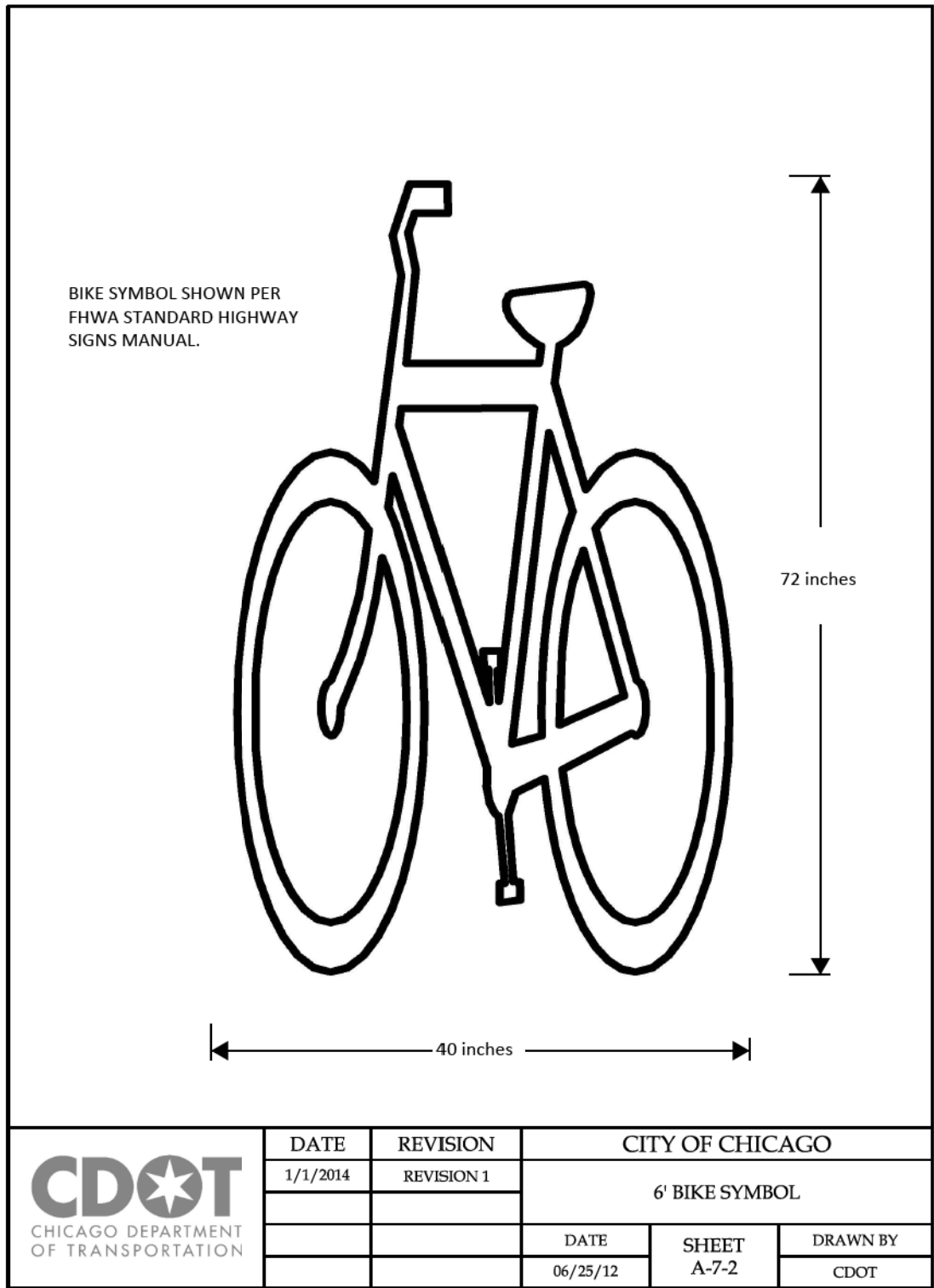
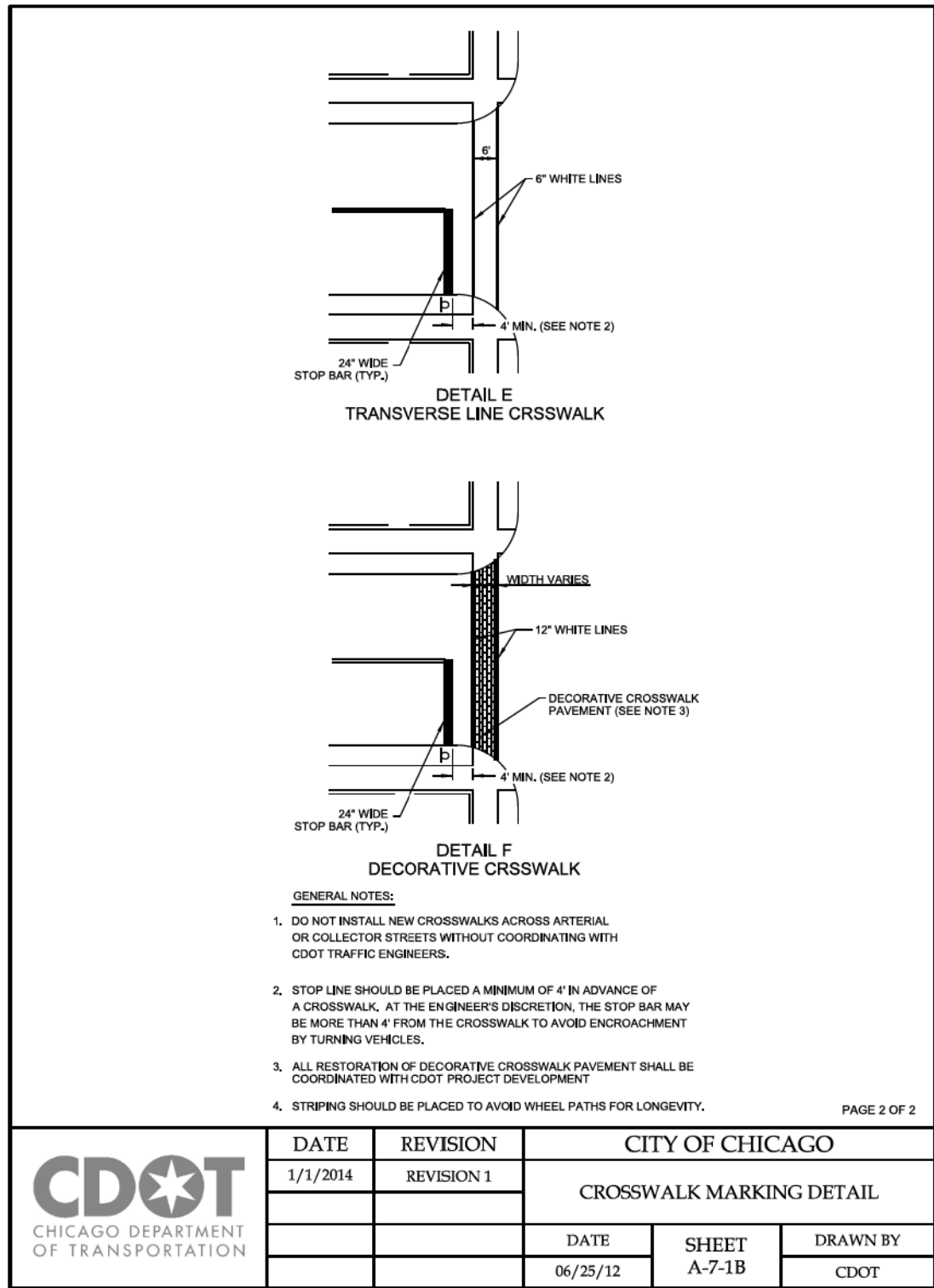
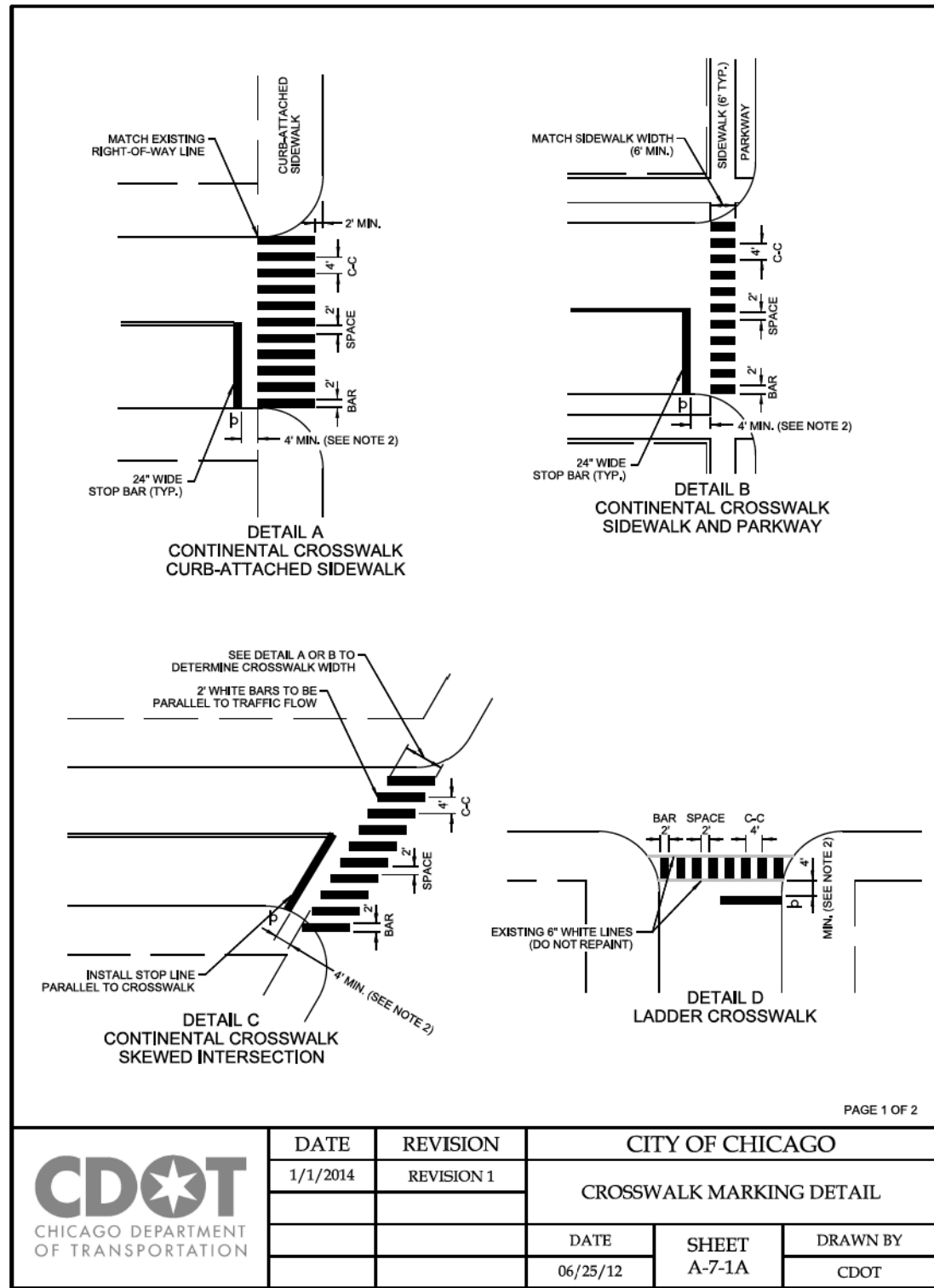
REVISIONS			
NO.	BY	DATE	DESCRIPTION





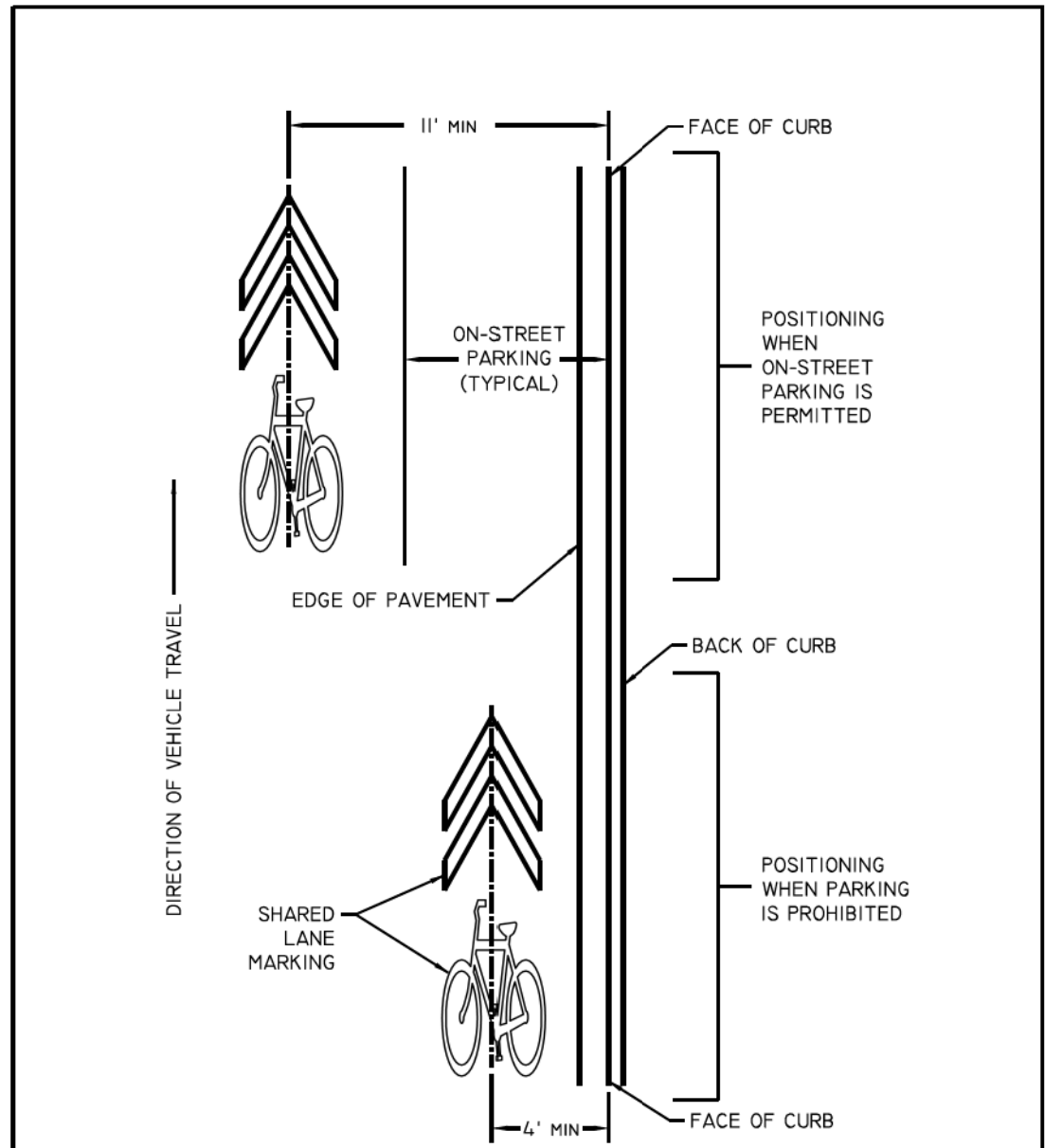
REVISIONS			
NO.	BY	DATE	DESCRIPTION



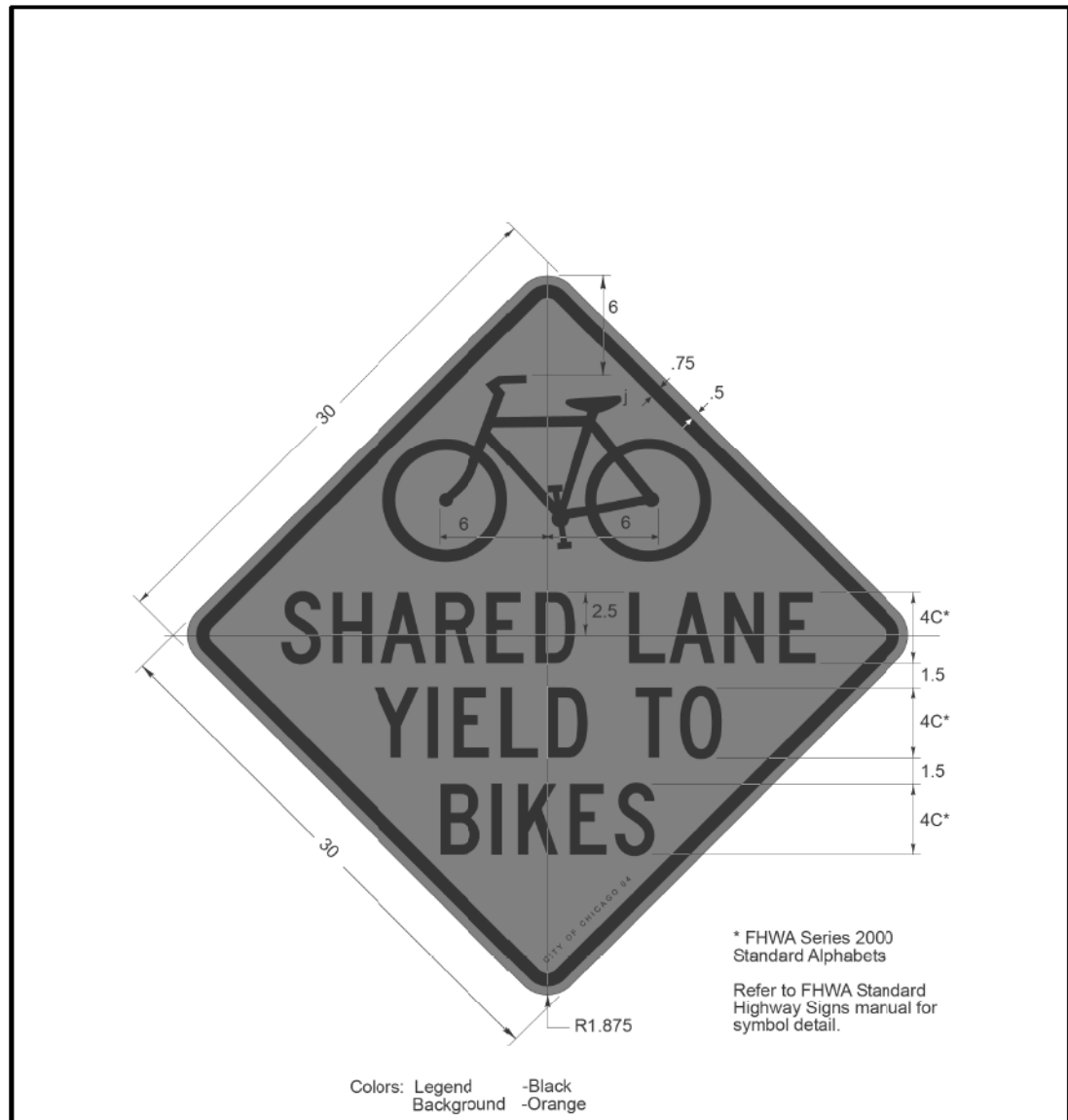


REVISIONS				
NO.	BY	DATE	DESCRIPTION	

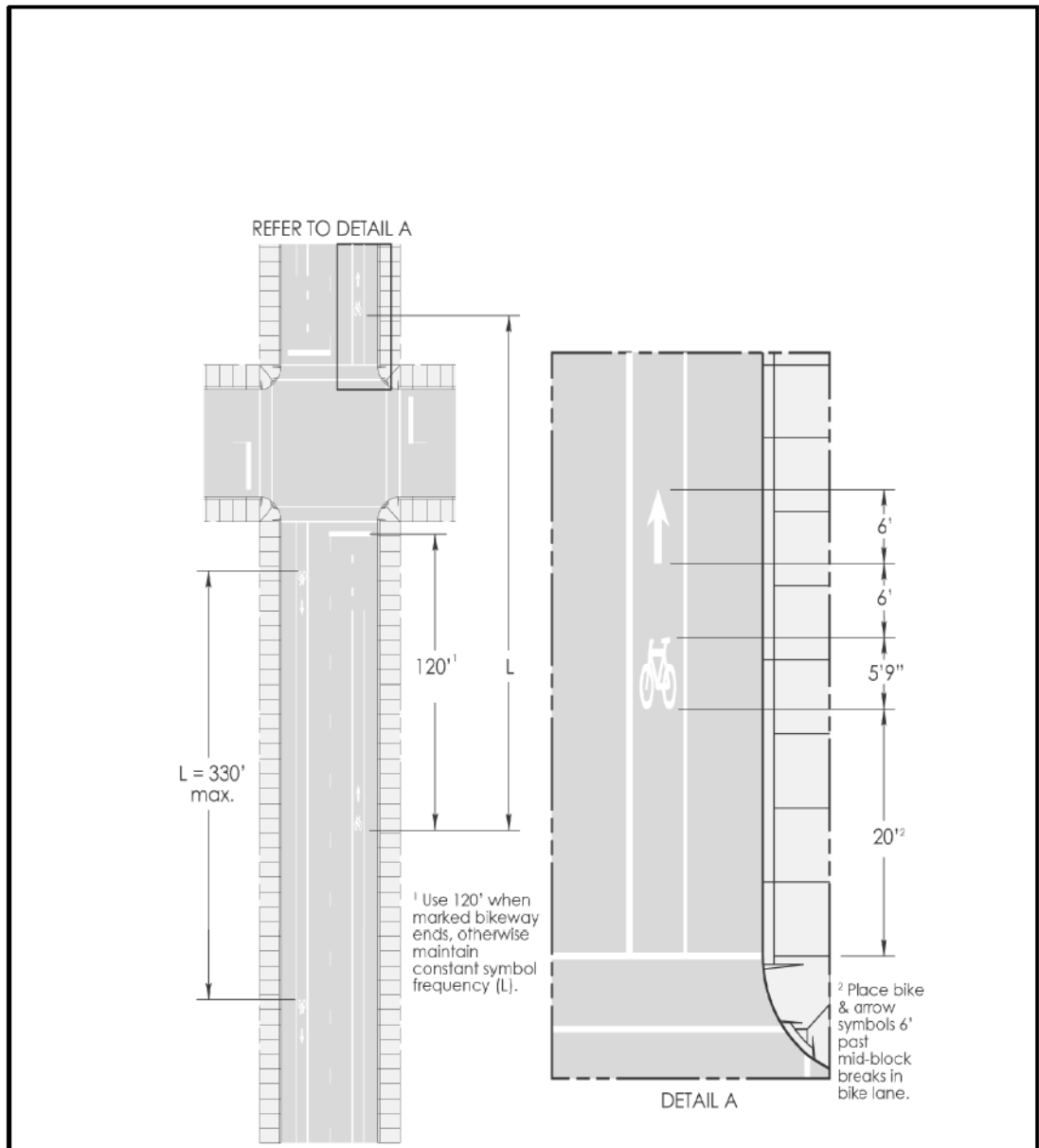




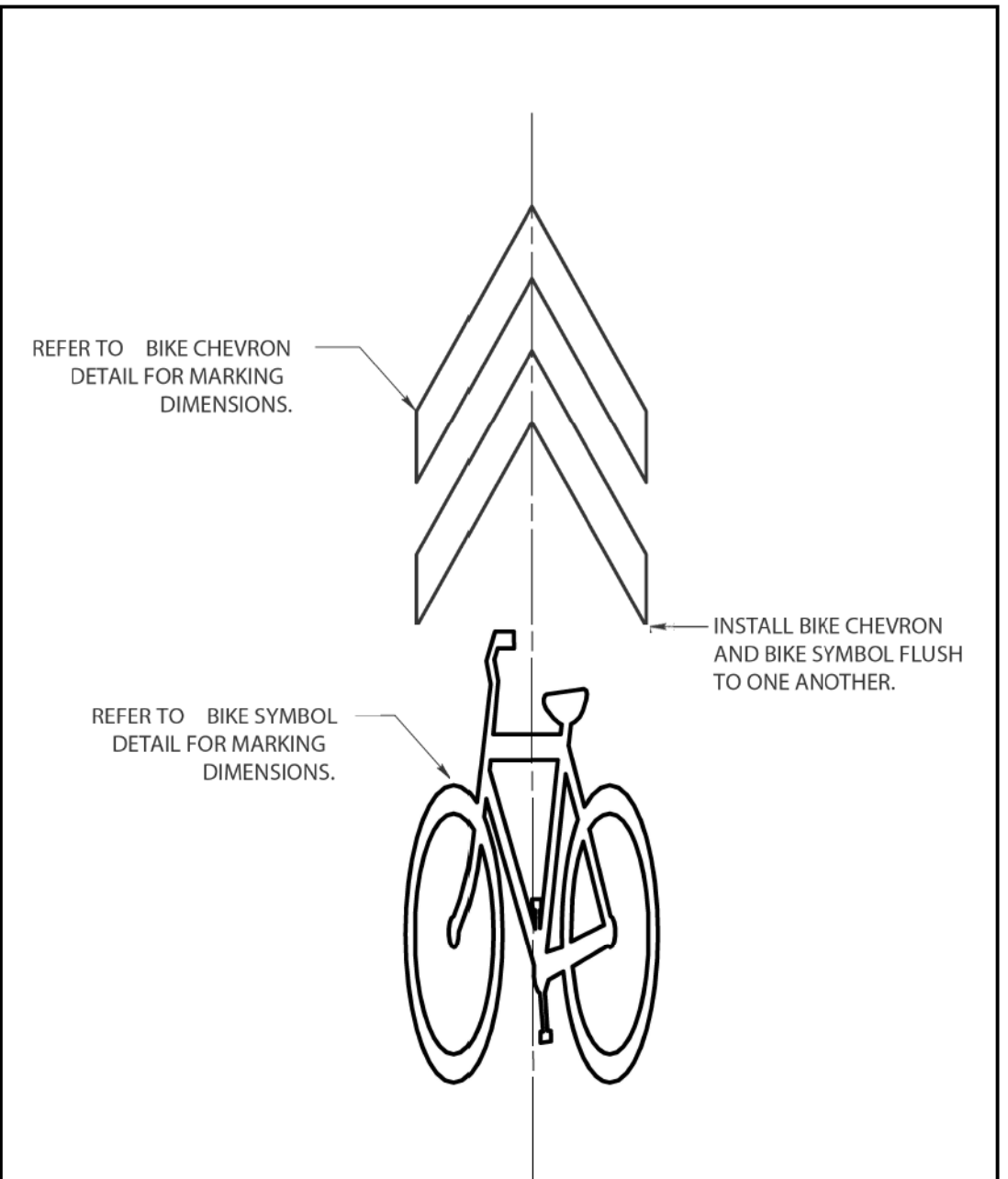
<b>CDOT</b> CHICAGO DEPARTMENT OF TRANSPORTATION	DATE	REVISION	CITY OF CHICAGO		
	1/1/2014	REVISION 1	SHARED LANE MARKING LATERAL POSITIONING		
			DATE	SHEET	DRAWN BY
			09/15/05	A-7-8	CDOT



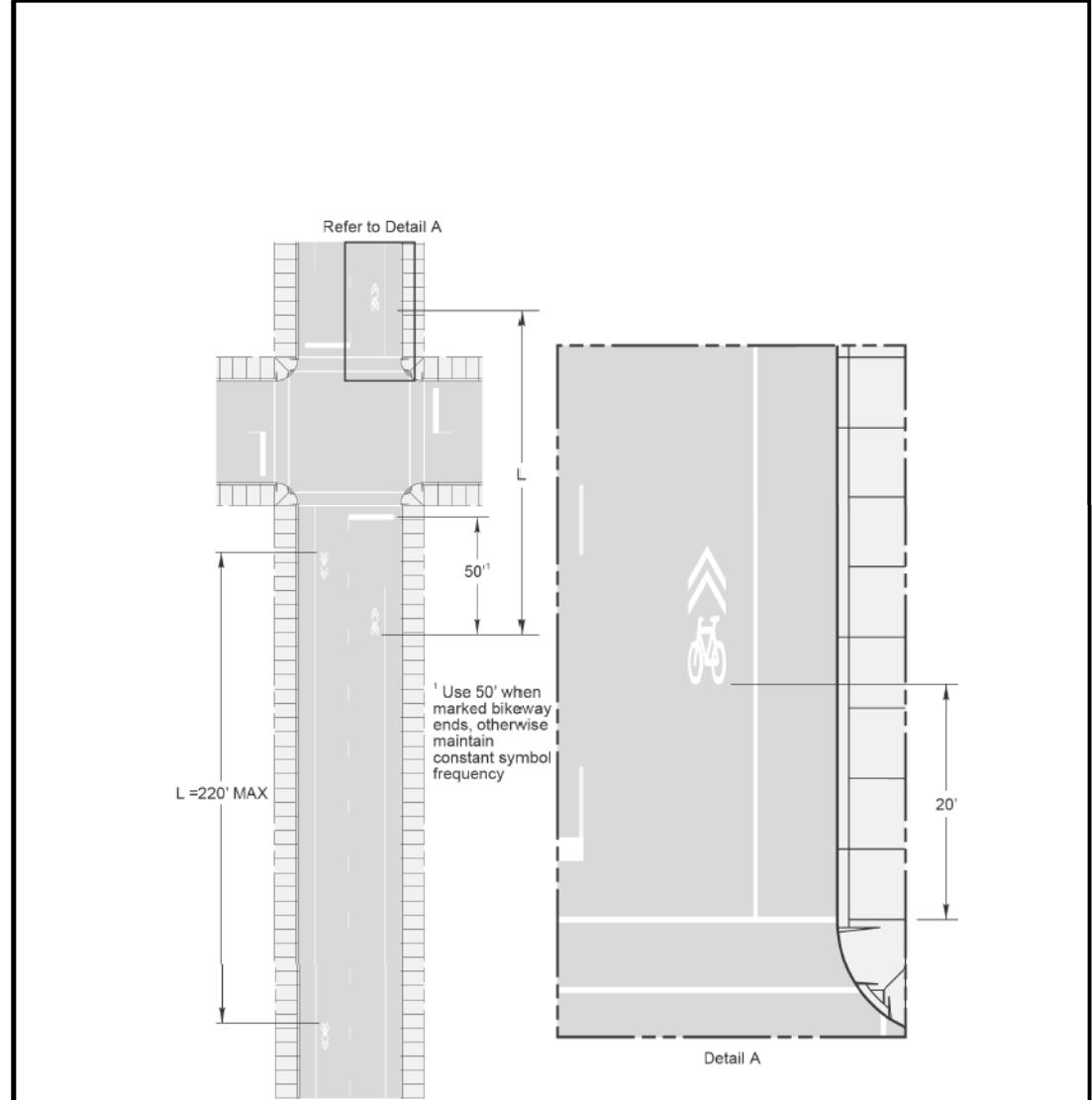
<b>CDOT</b> CHICAGO DEPARTMENT OF TRANSPORTATION	DATE	REVISION	CITY OF CHICAGO		
			SHARED LANE YIELD TO BIKES SIGN		
			DATE	SHEET	DRAWN BY
			1/1/14	A-7-9	CDOT



<b>CDOT</b> CHICAGO DEPARTMENT OF TRANSPORTATION	DATE	REVISION	CITY OF CHICAGO		
	1/1/2014	REVISION 1	BIKE AND ARROW SYMBOL SPACING		
			DATE	SHEET	DRAWN BY
			09/02/05	A-7-10	CDOT



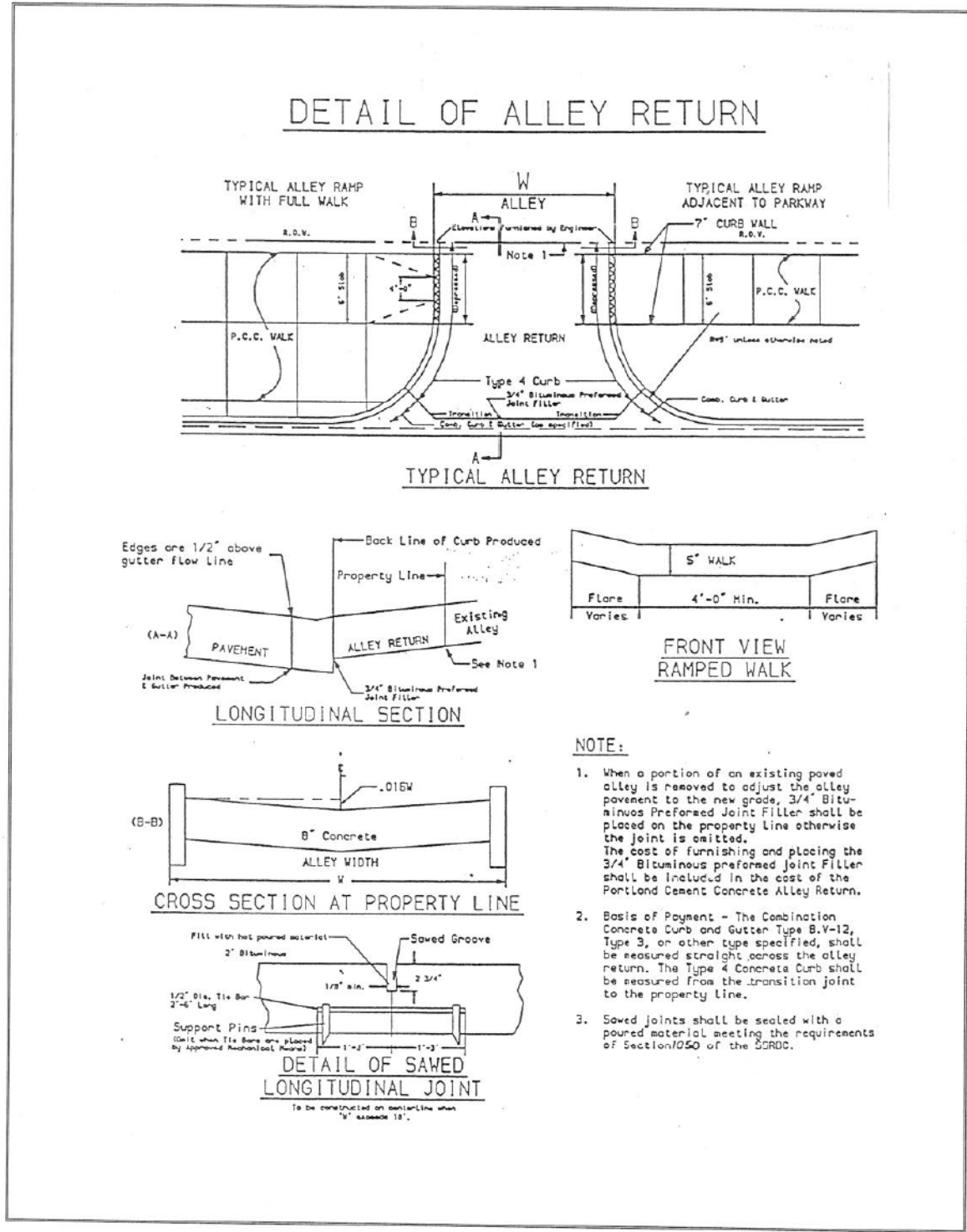
<b>CDOT</b> CHICAGO DEPARTMENT OF TRANSPORTATION	DATE	REVISION	CITY OF CHICAGO		
	1/1/2014	REVISION 1	SHARED LANE MARKING		
			DATE	SHEET	DRAWN BY
			10/02/07	A-7-11	CDOT



<b>CDOT</b> CHICAGO DEPARTMENT OF TRANSPORTATION	DATE	REVISION	CITY OF CHICAGO		
	1/1/2014	REVISION 1	SHARED LANE MARKING - LONGITUDINAL SPACING		
			DATE	SHEET	DRAWN BY
			12/12/07	A-7-12	CDOT

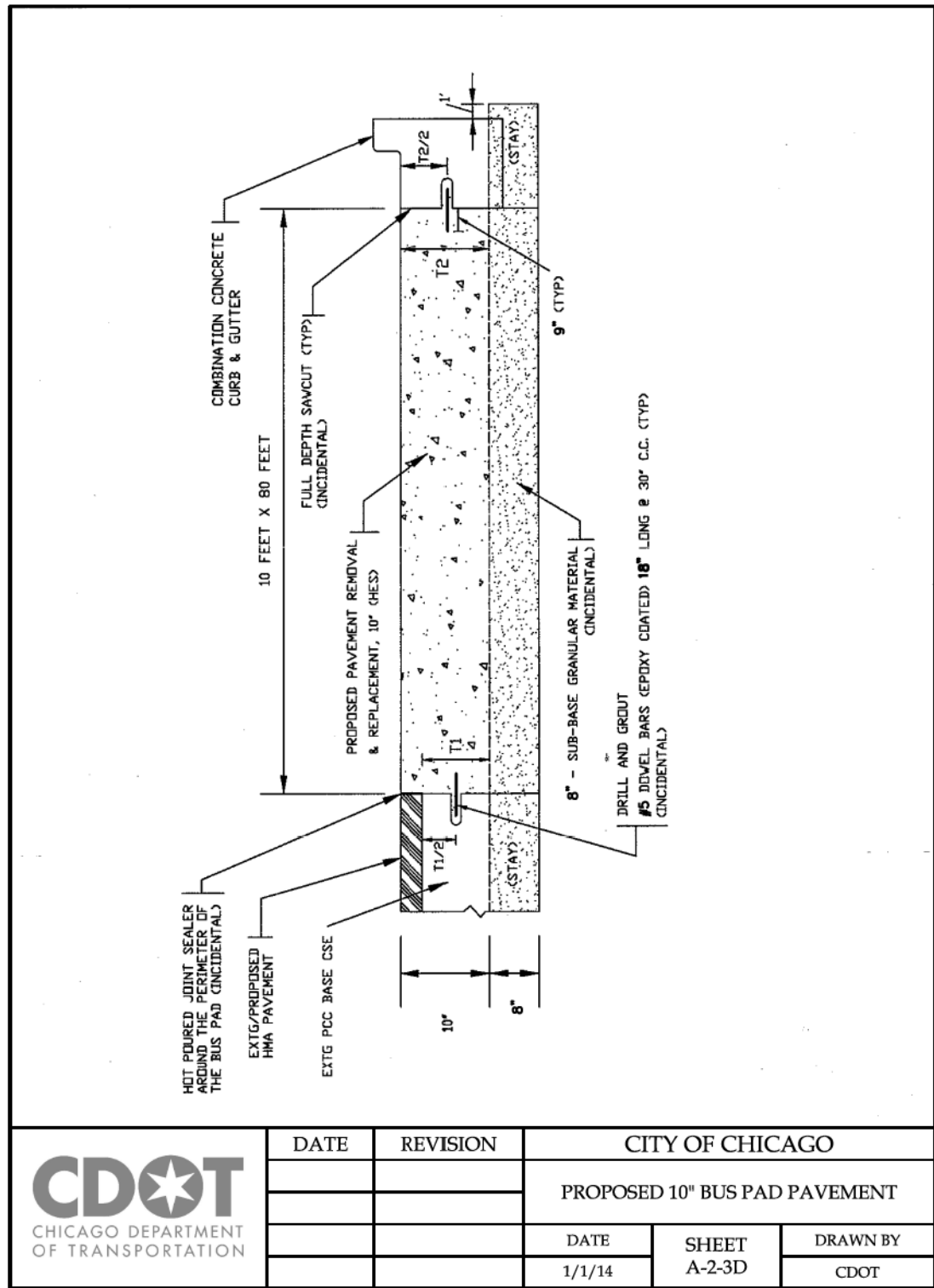
REVISIONS				
NO.	BY	DATE	DESCRIPTION	





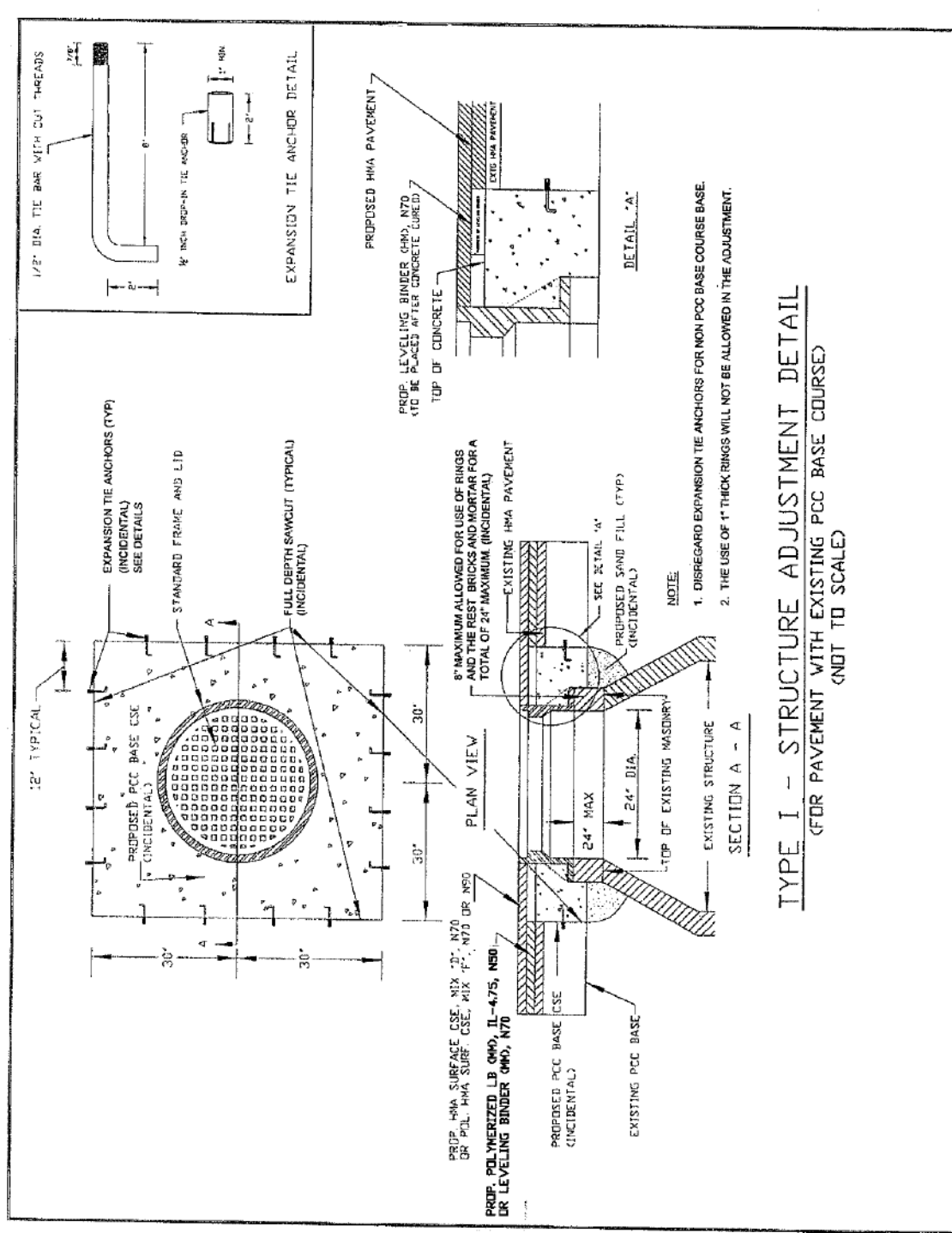
STANDARD DETAILS (TERM)

Page 20 of 68



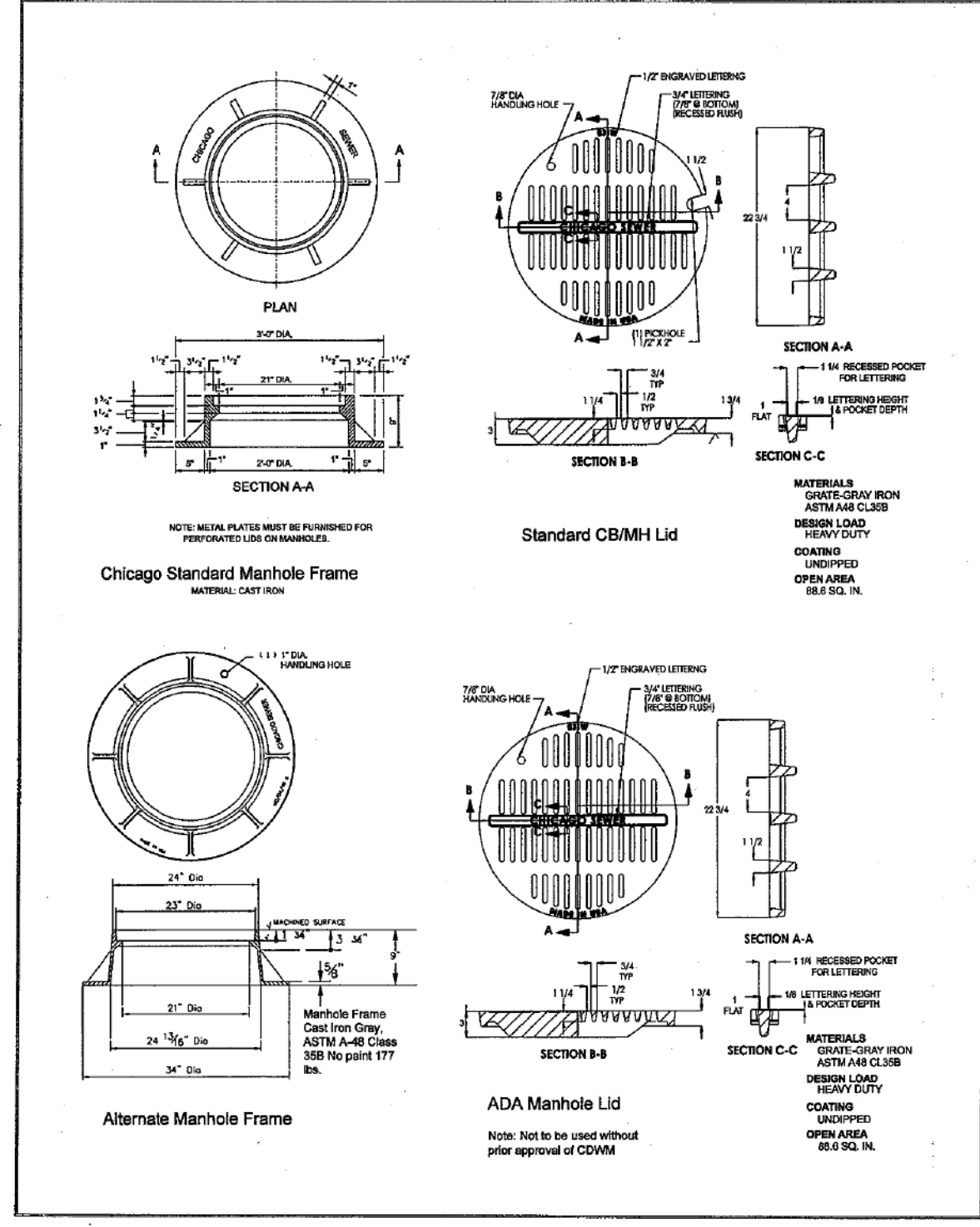
**CDOT**  
CHICAGO DEPARTMENT  
OF TRANSPORTATION

DATE	REVISION	CITY OF CHICAGO
		PROPOSED 10" BUS PAD PAVEMENT
DATE	SHEET	DRAWN BY
1/1/14	A-2-3D	CDOT



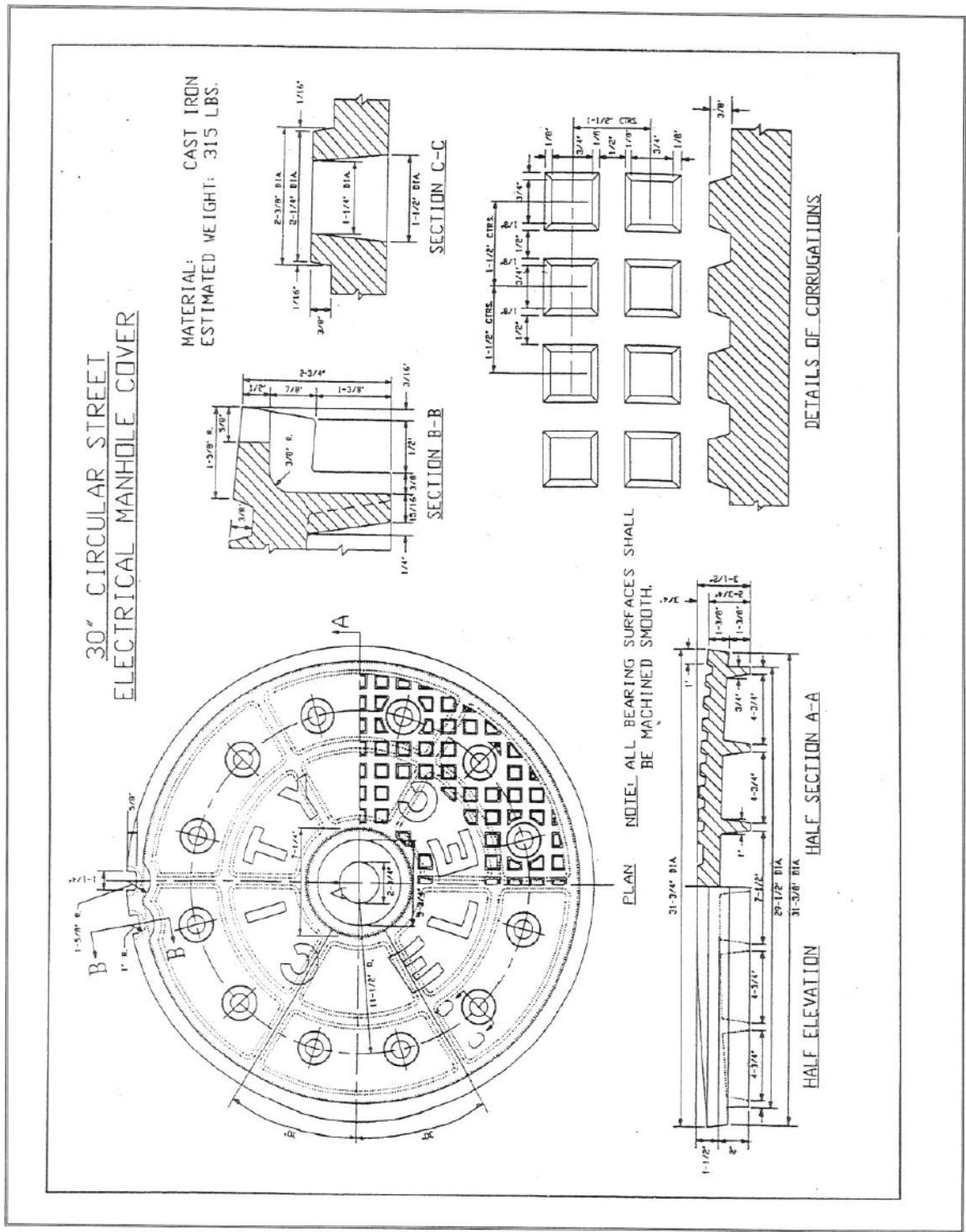
STANDARD DETAILS (TERM)

Page 21 of 68



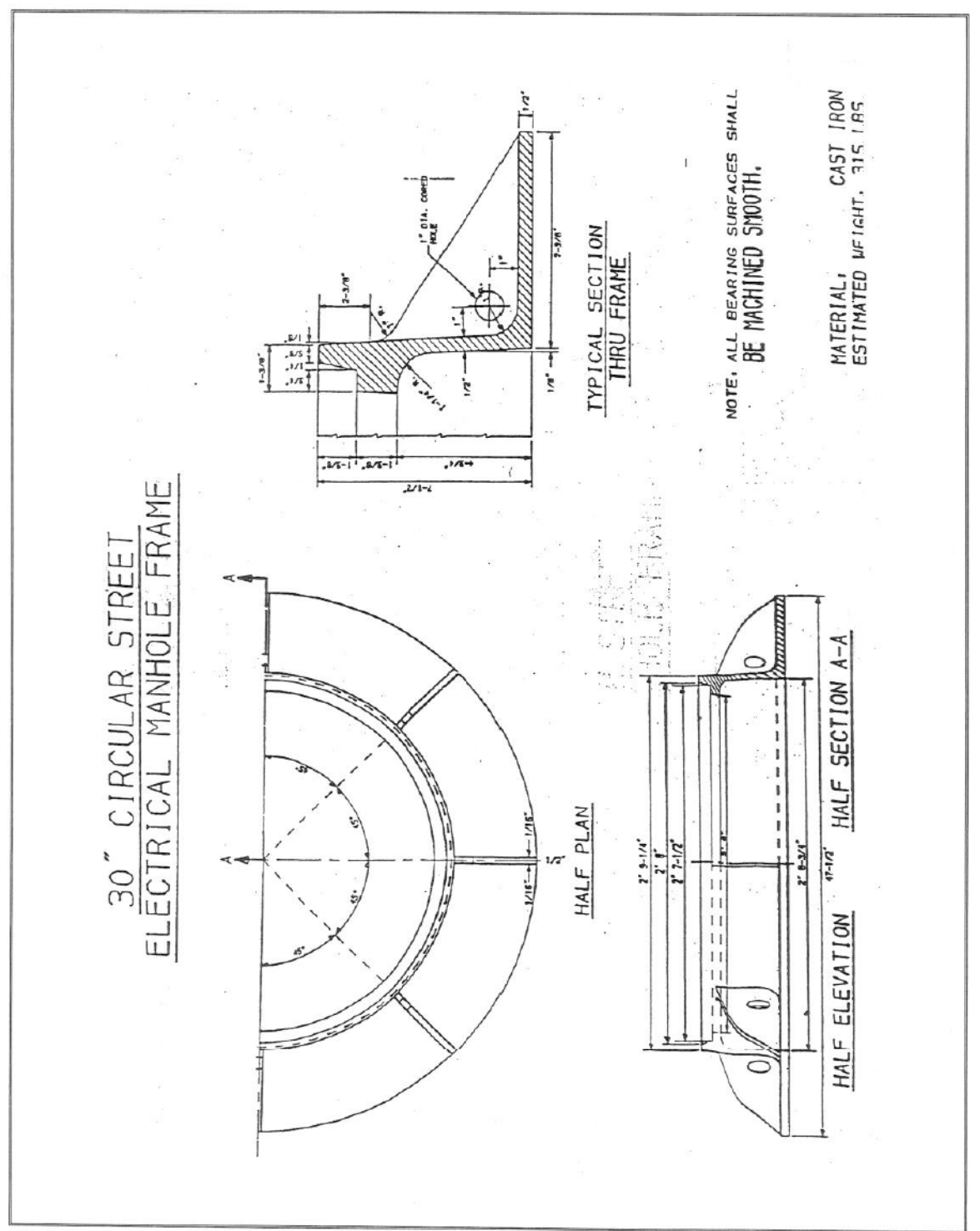
STANDARD DETAILS (TERM)

Page 22 of 68



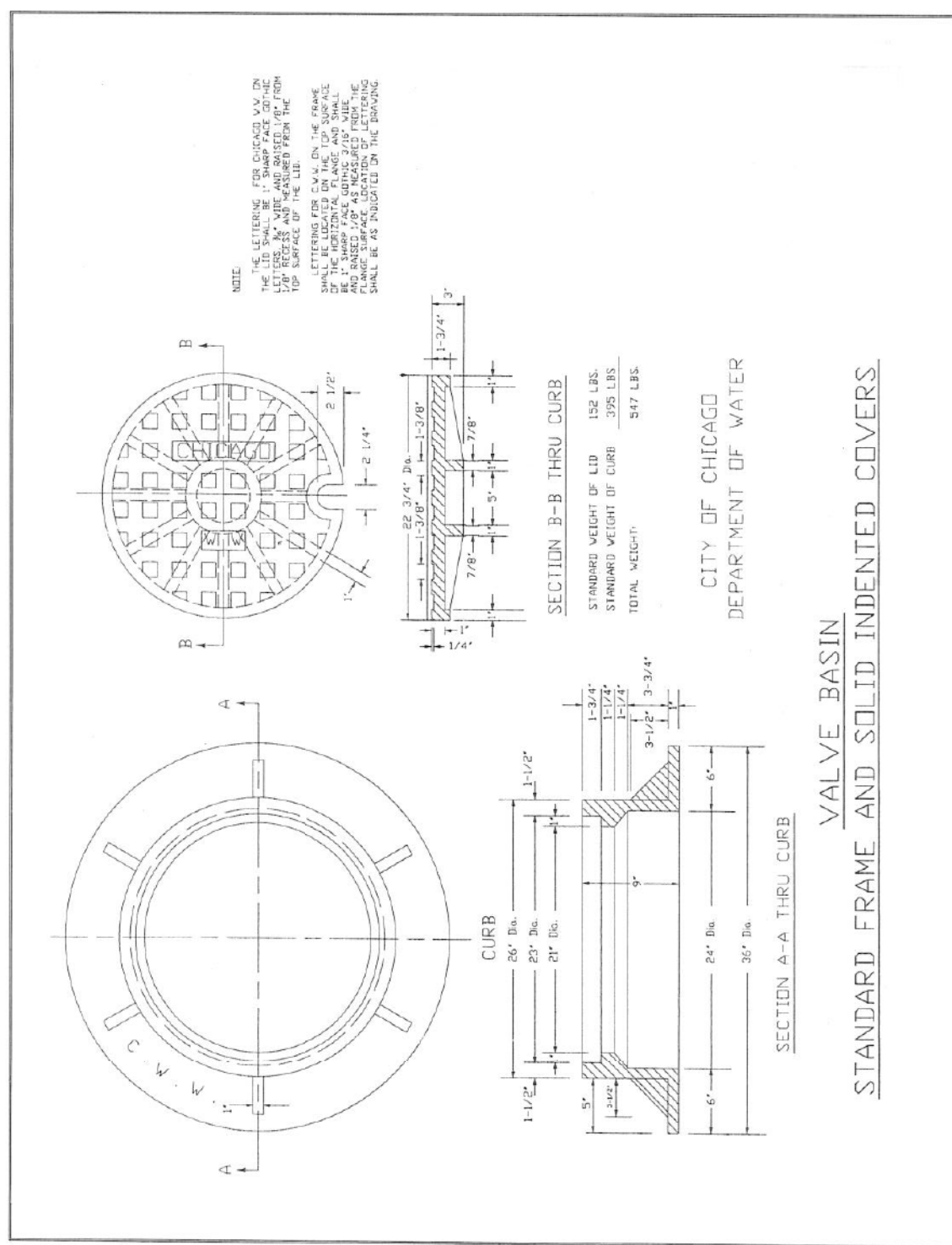
STANDARD DETAILS (TERM)

Page 26 of 68



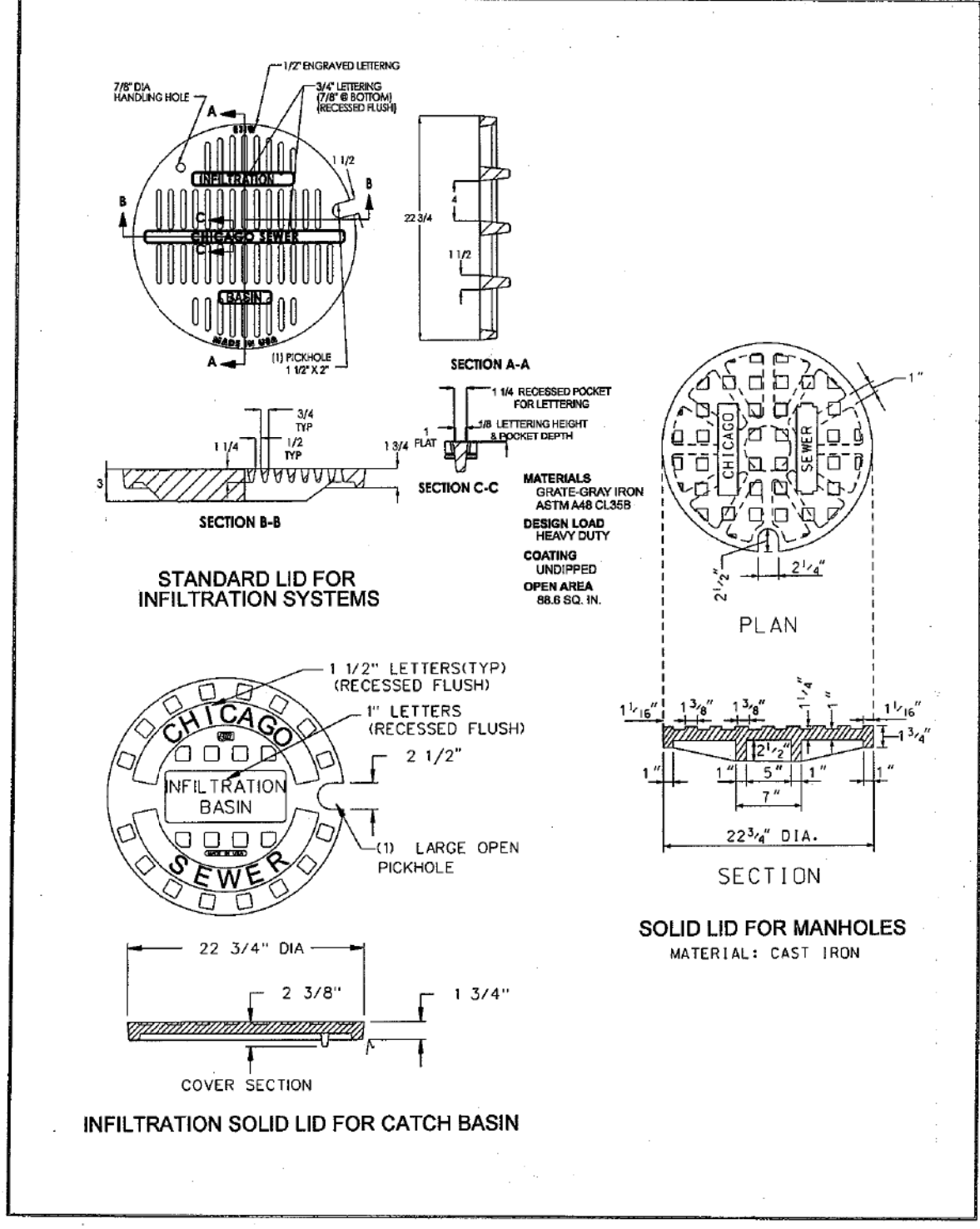
STANDARD DETAILS (TERM)

Page 25 of 68



STANDARD DETAILS (TERM)

Page 24 of 68

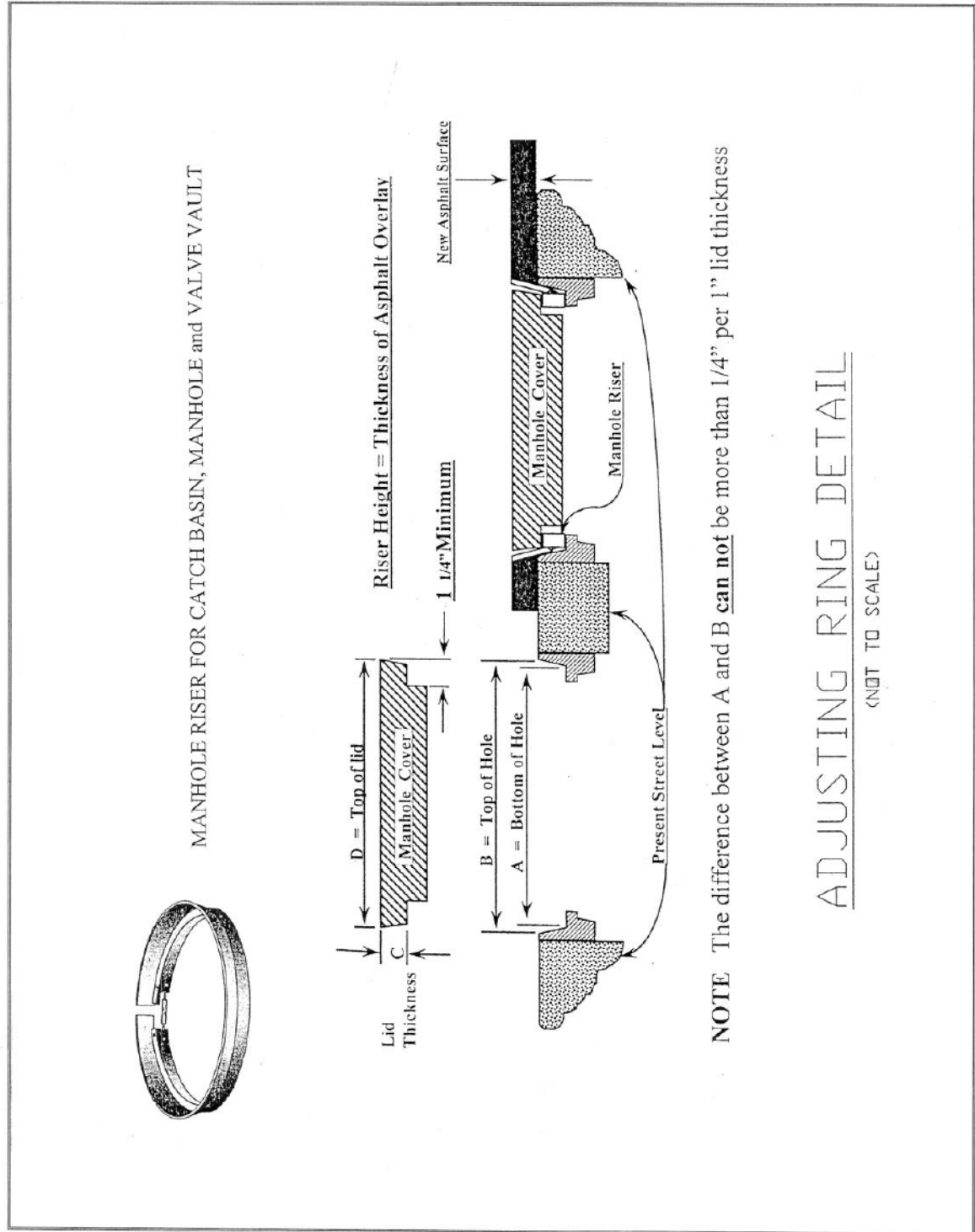


STANDARD DETAILS (TERM)

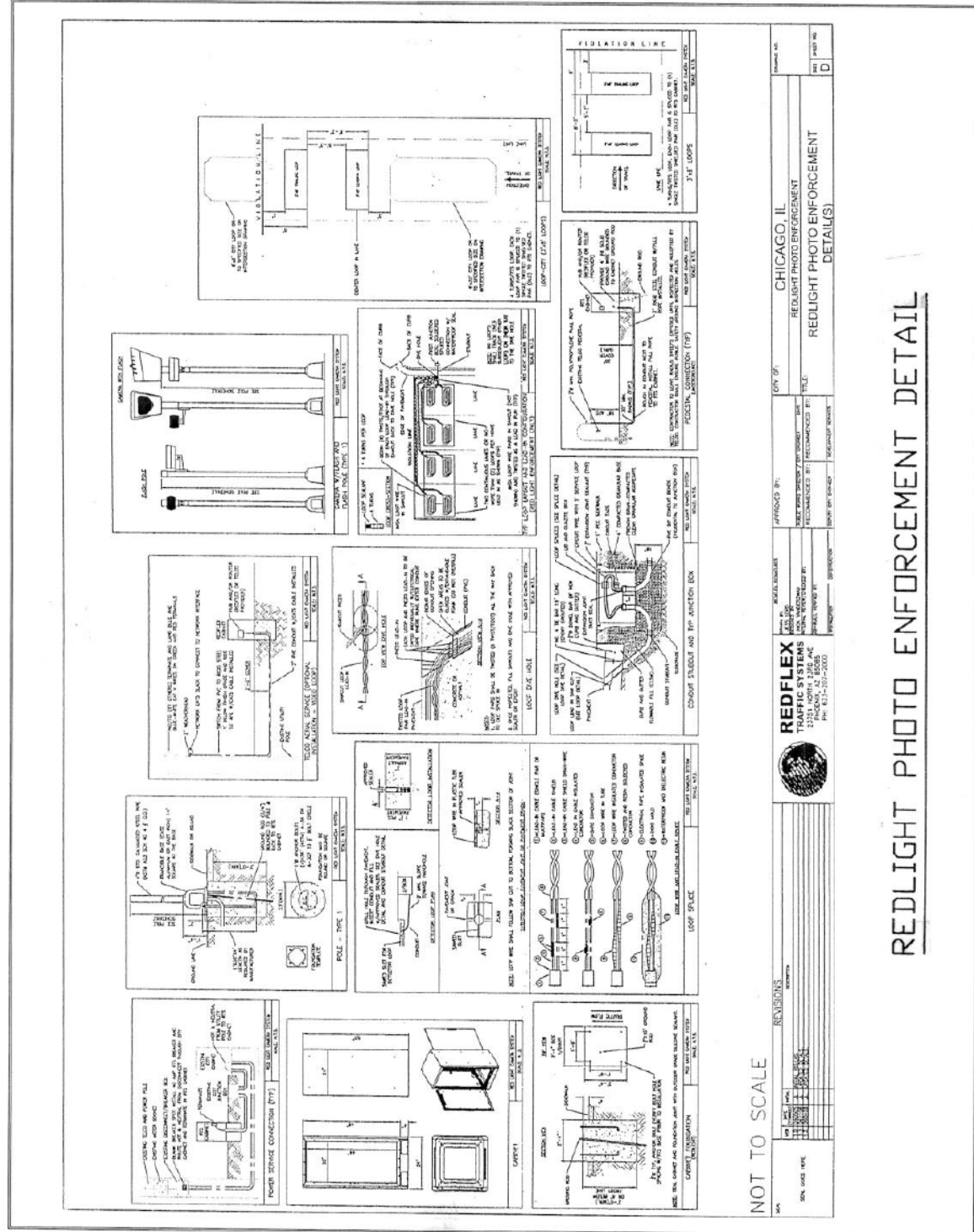
Page 23 of 68

REVISIONS			
NO.	BY	DATE	DESCRIPTION

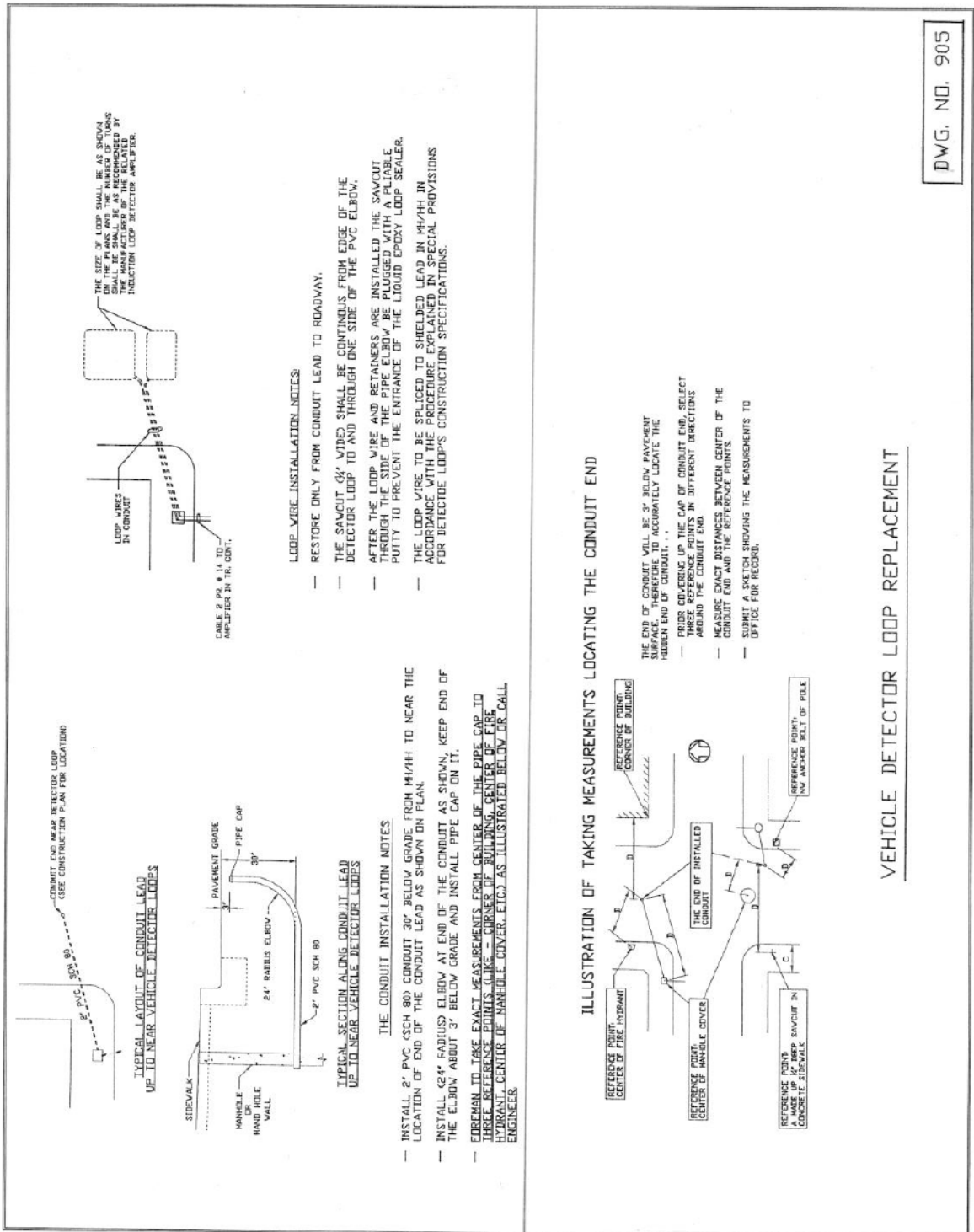




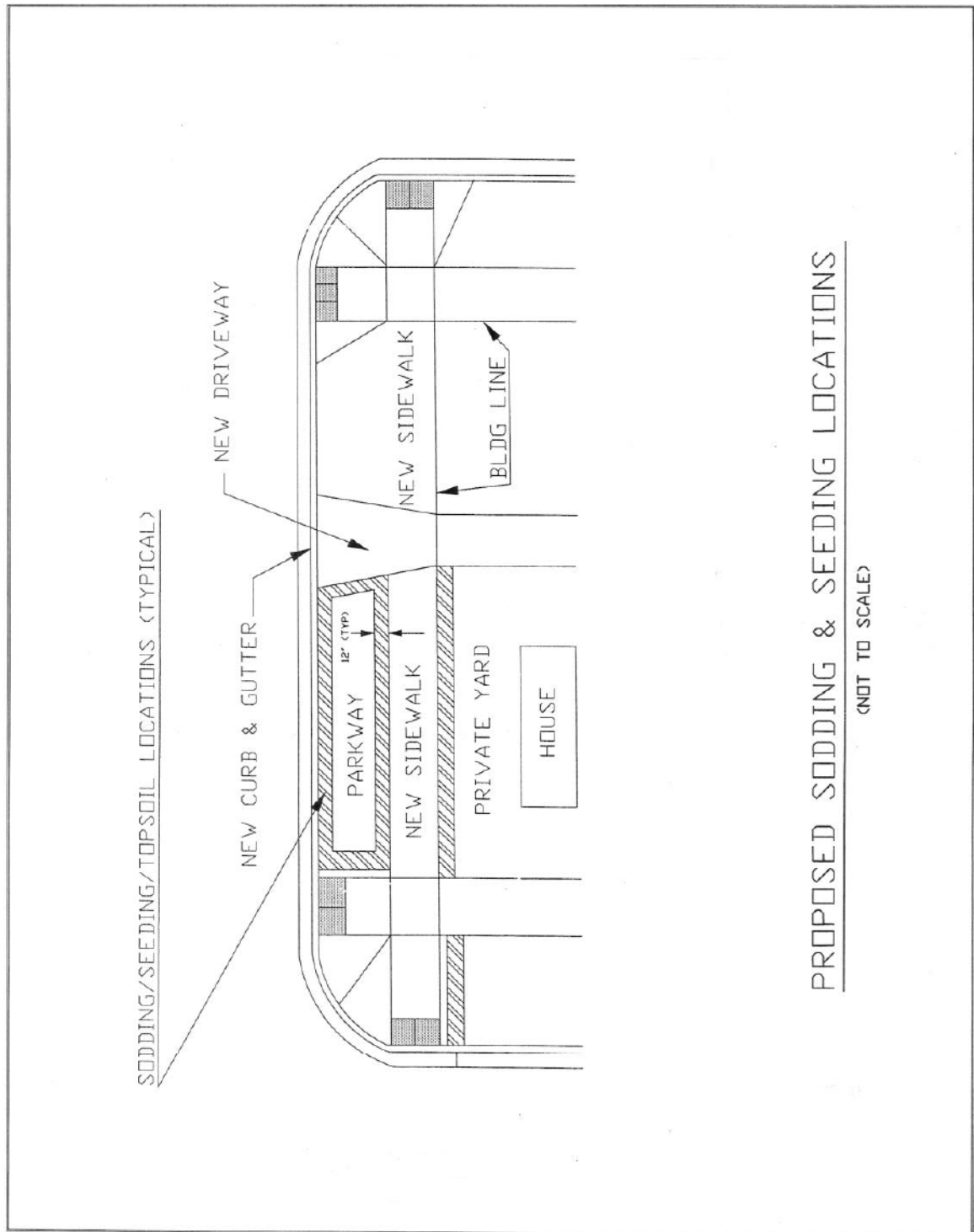
STANDARD DETAILS (TERM)



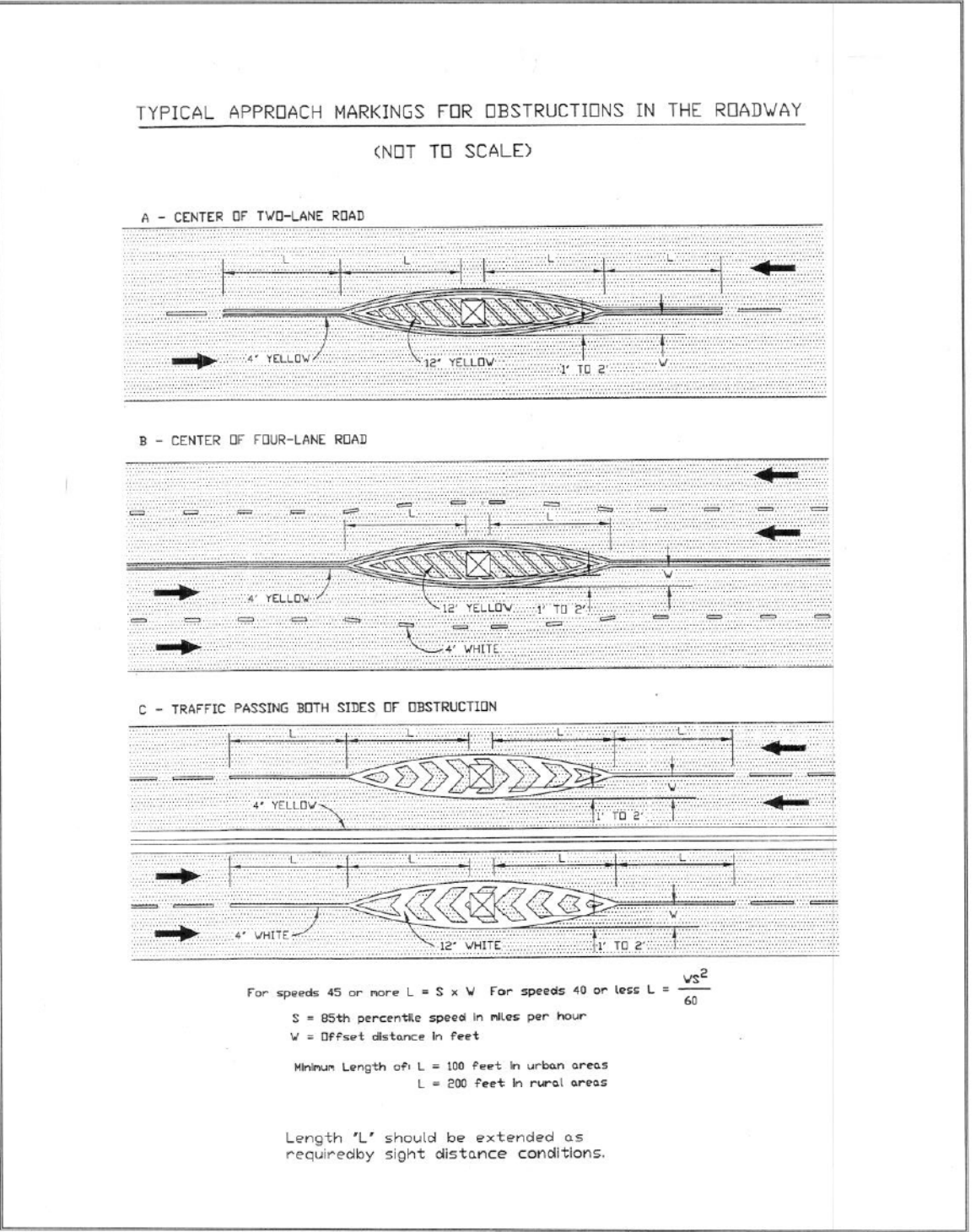
STANDARD DETAILS (TERM)



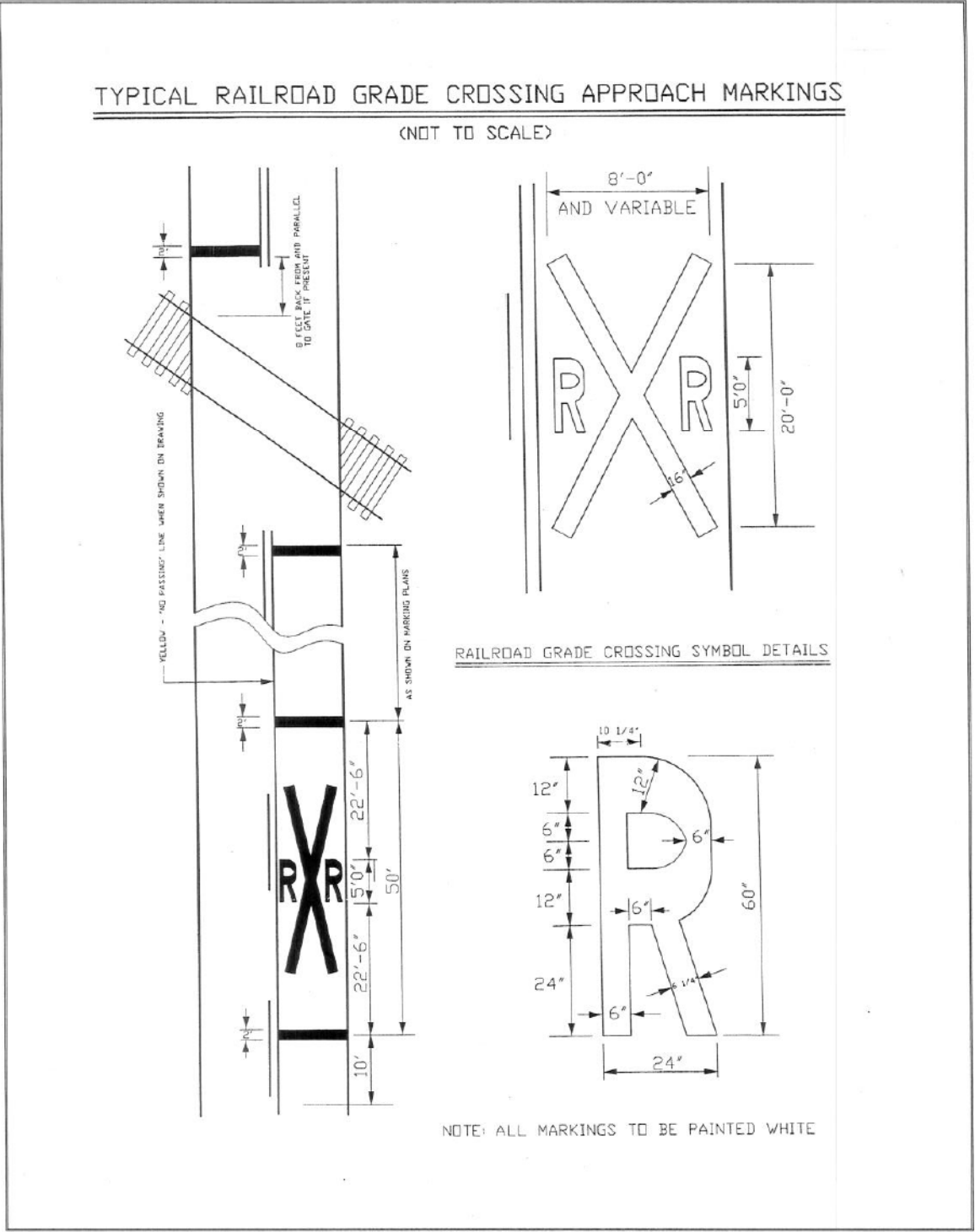
STANDARD DETAILS (TERM)



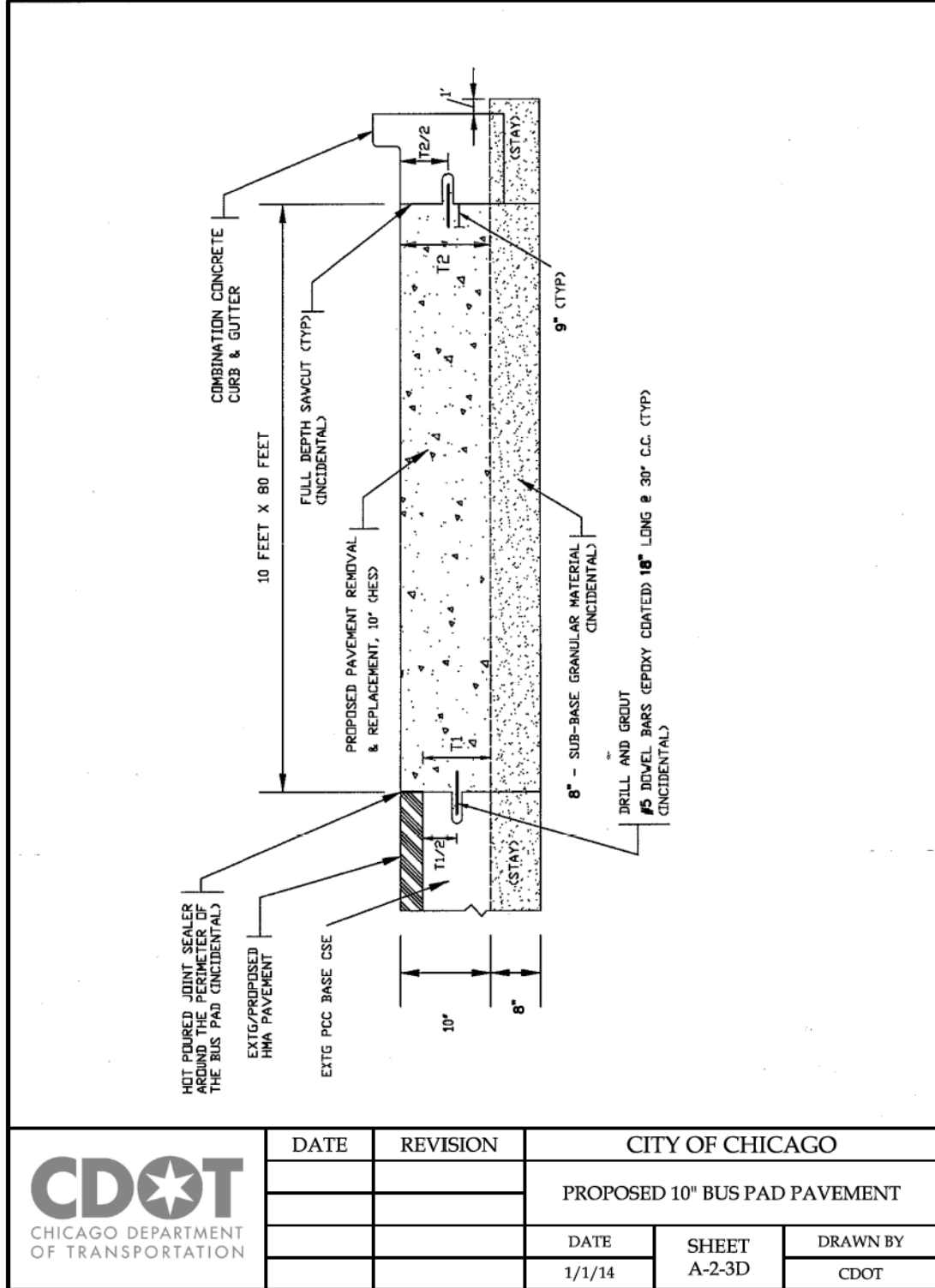
STANDARD DETAILS (TERM)



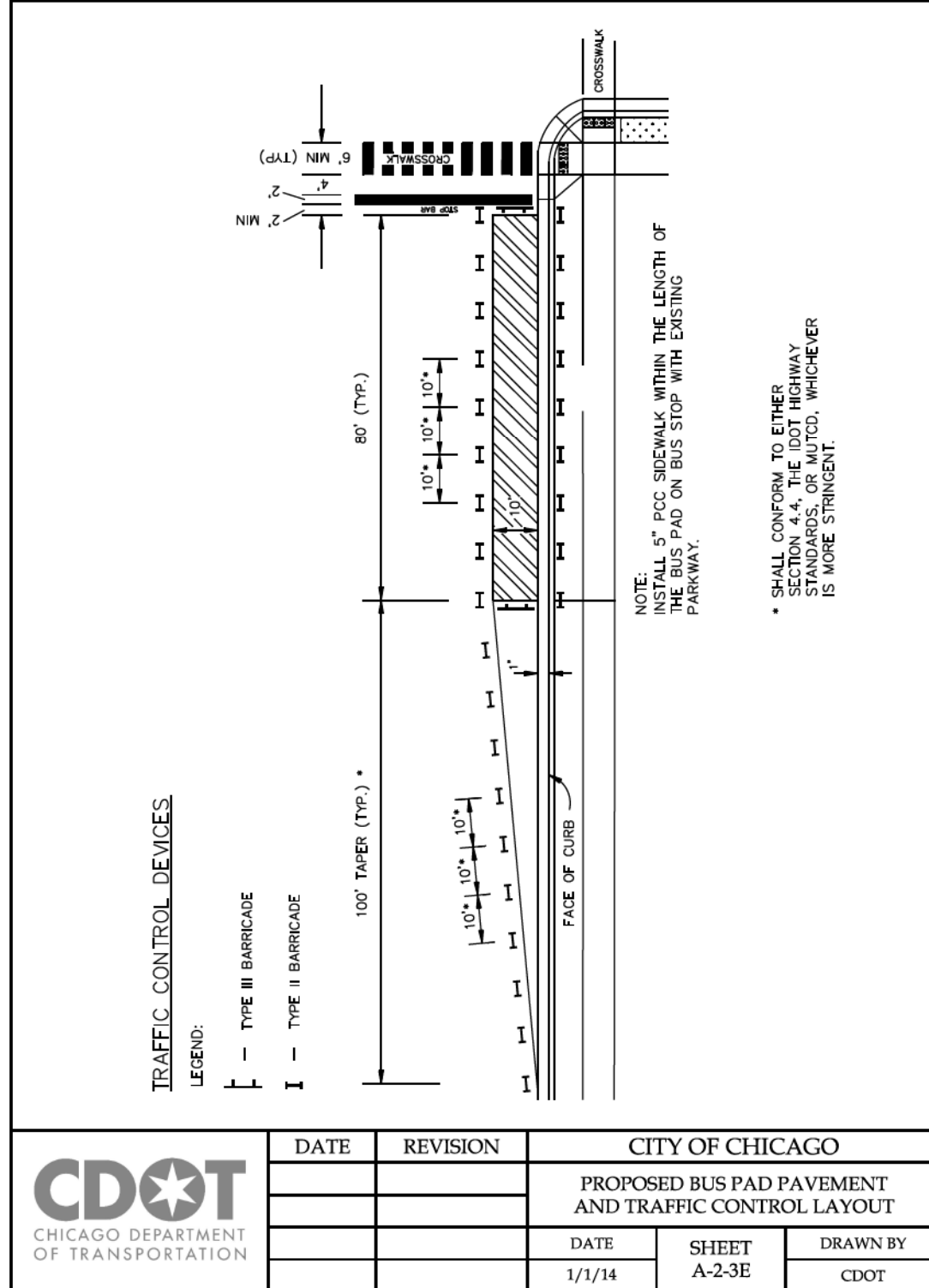
STANDARD DETAILS (TERM)



STANDARD DETAILS (TERM)



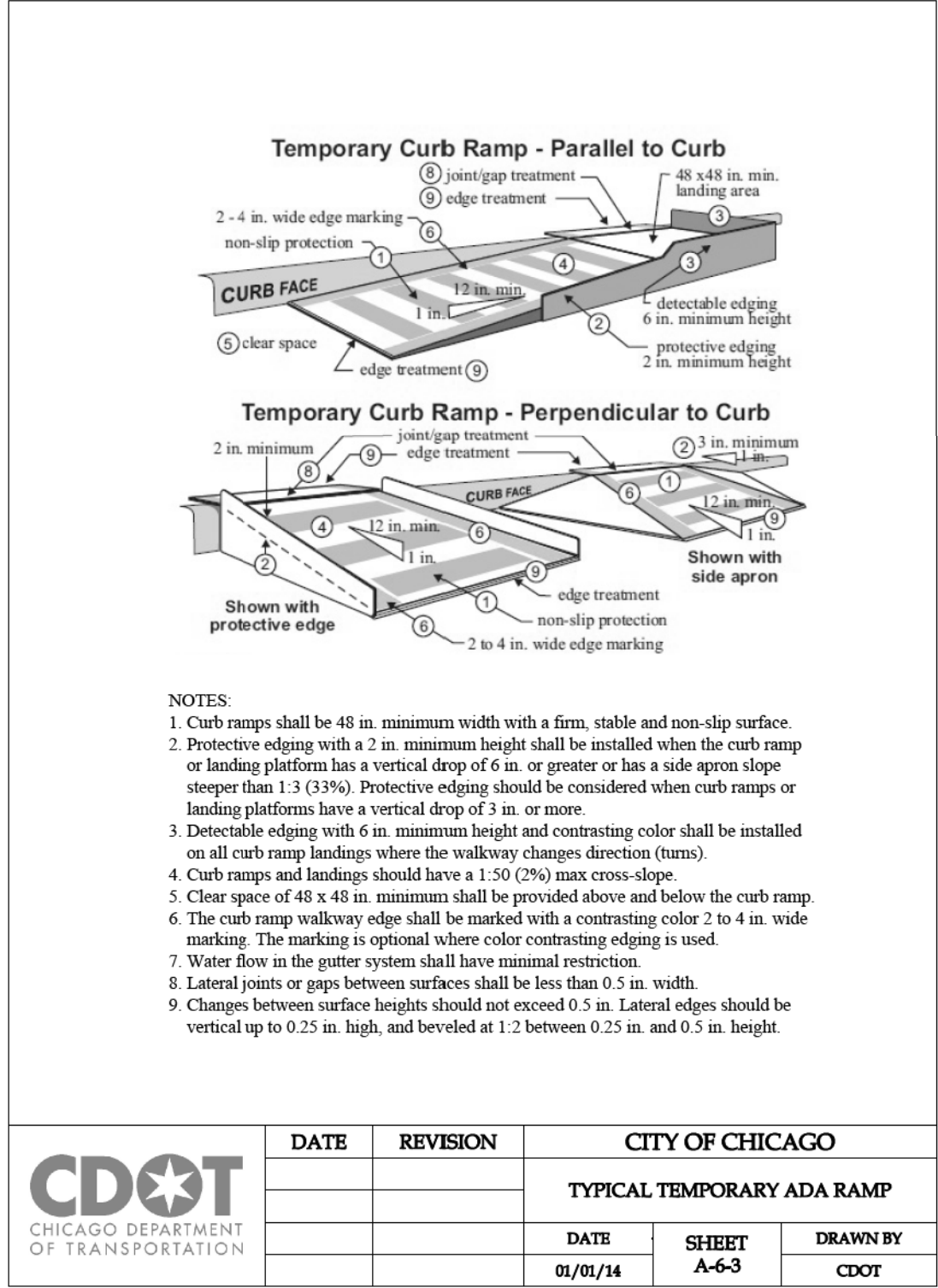
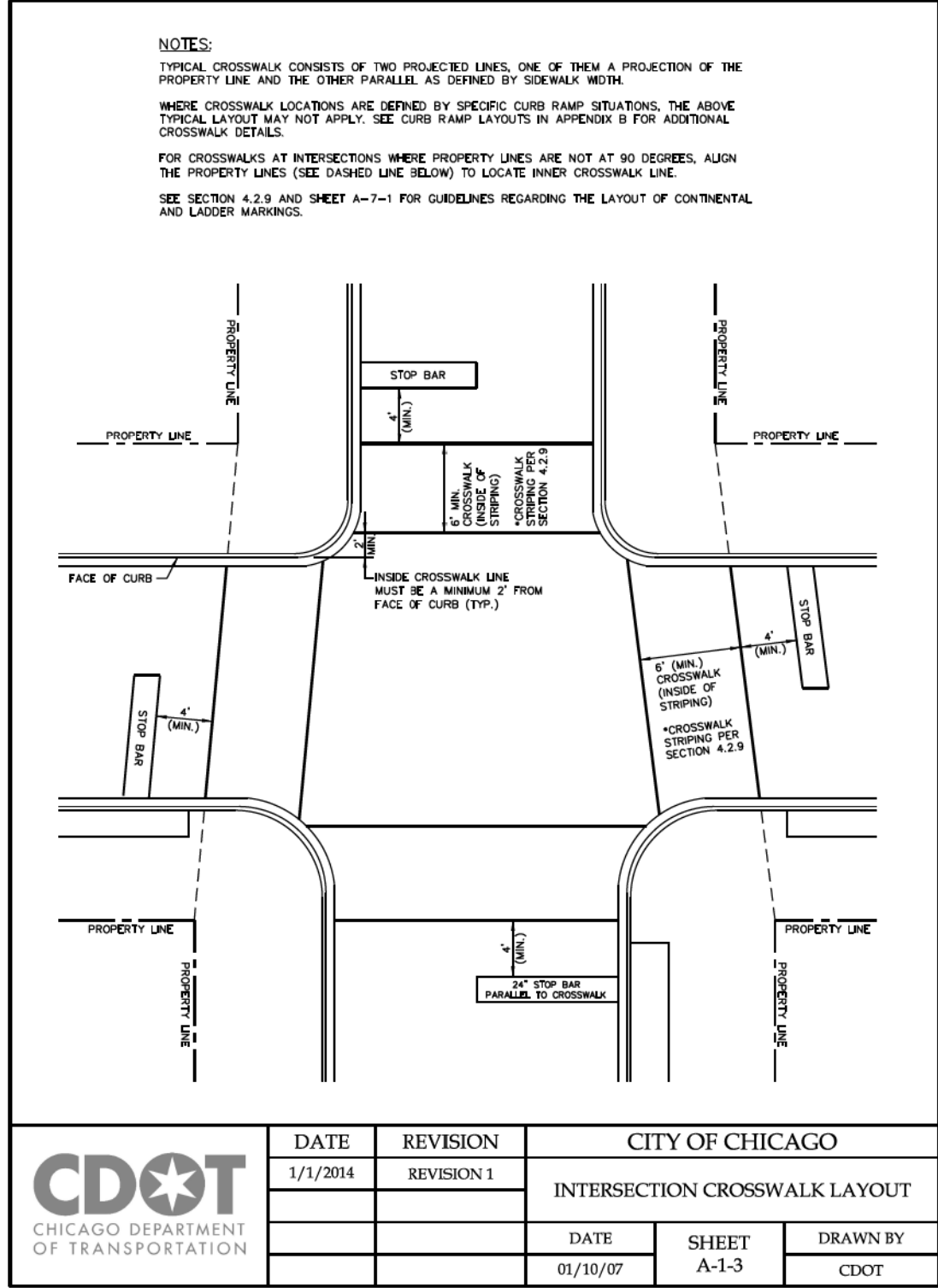
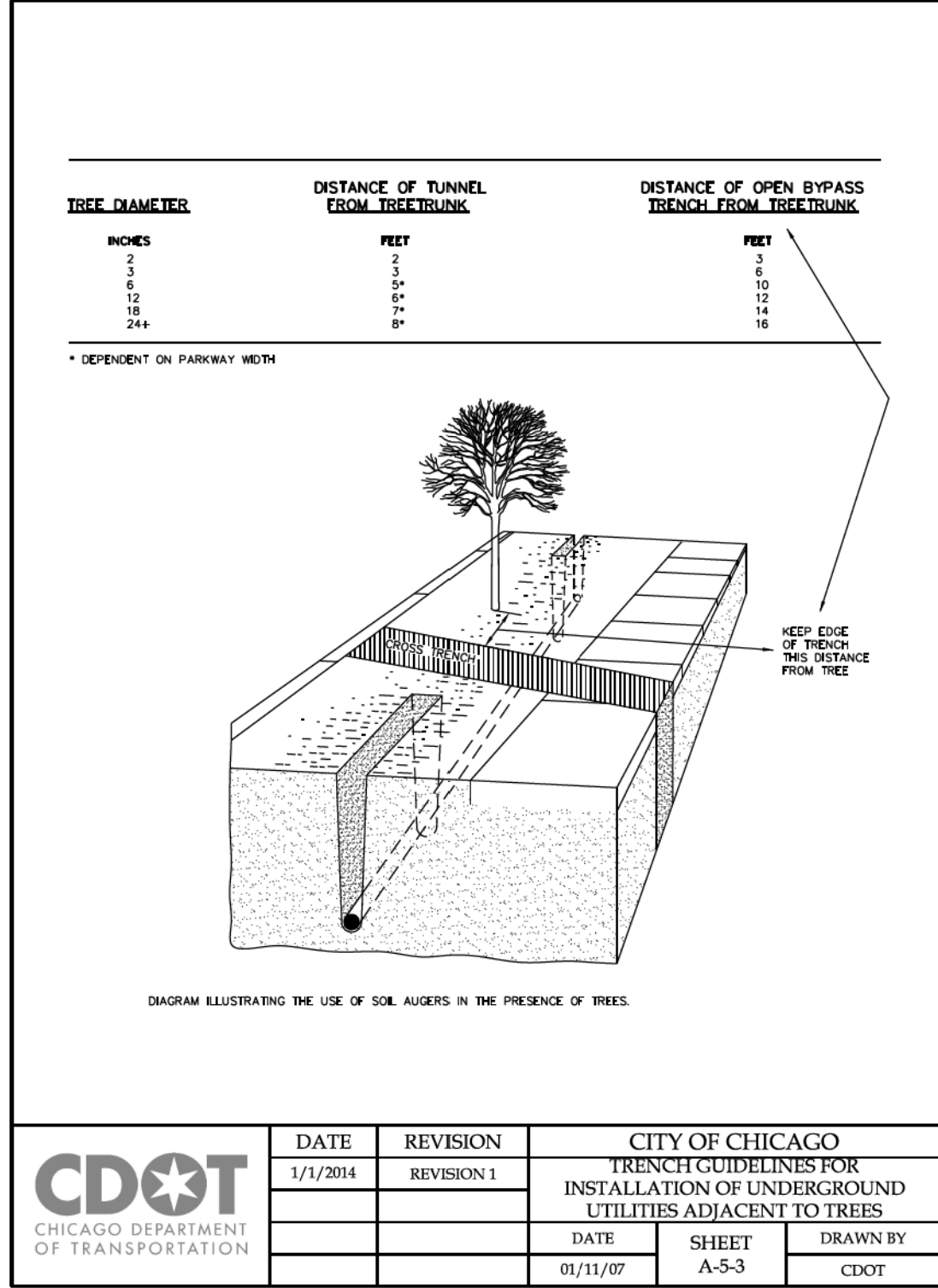
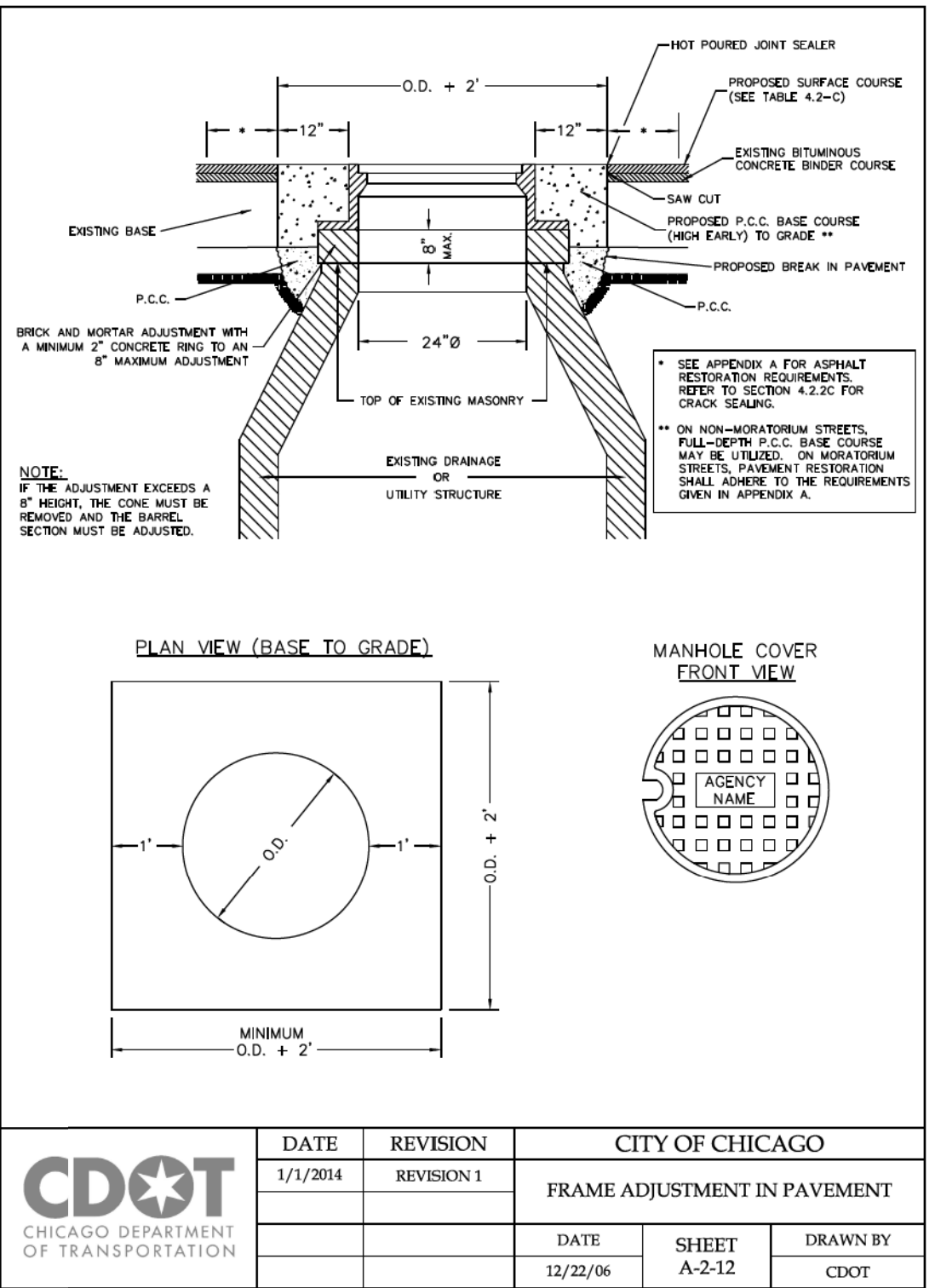
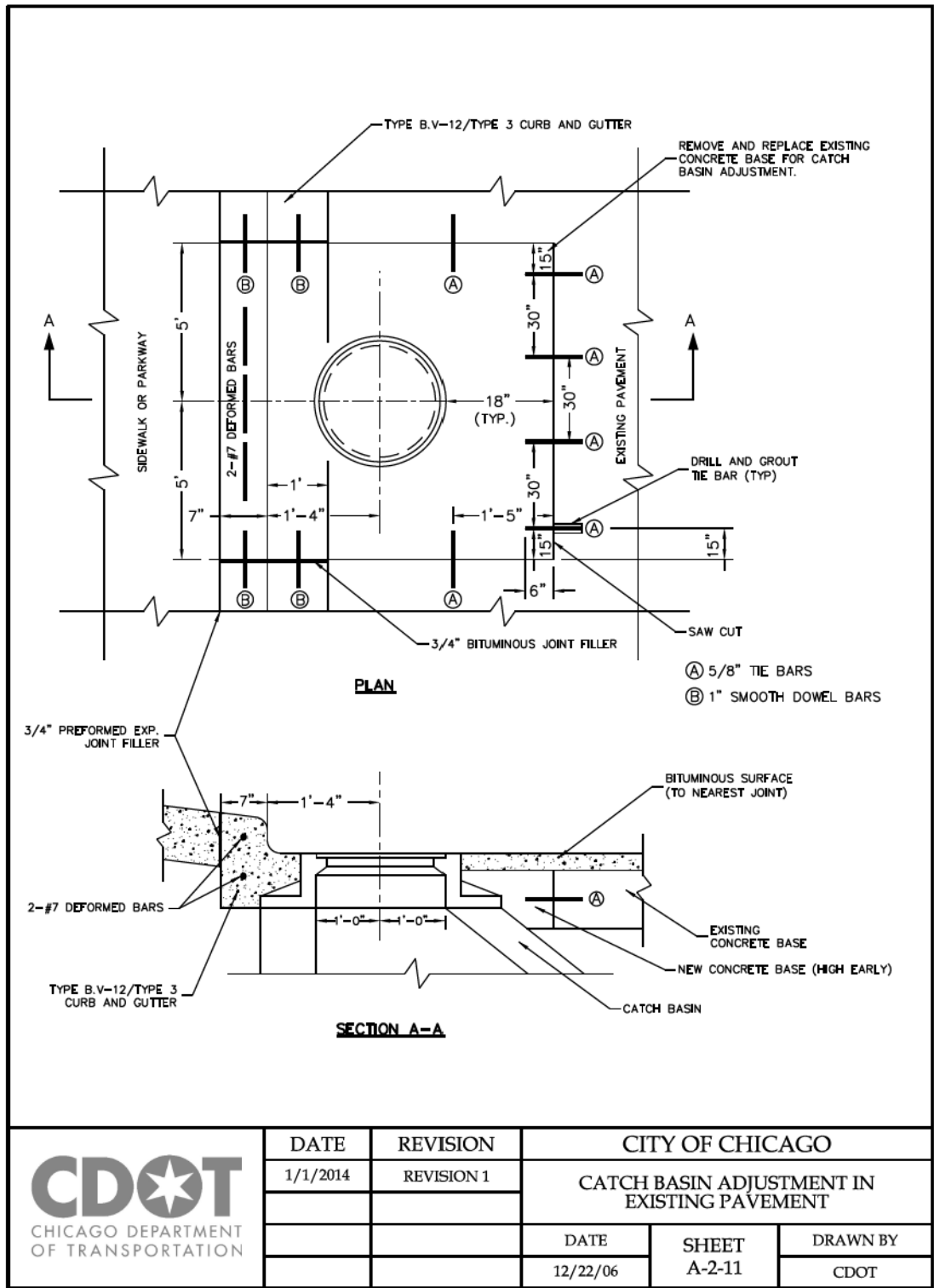
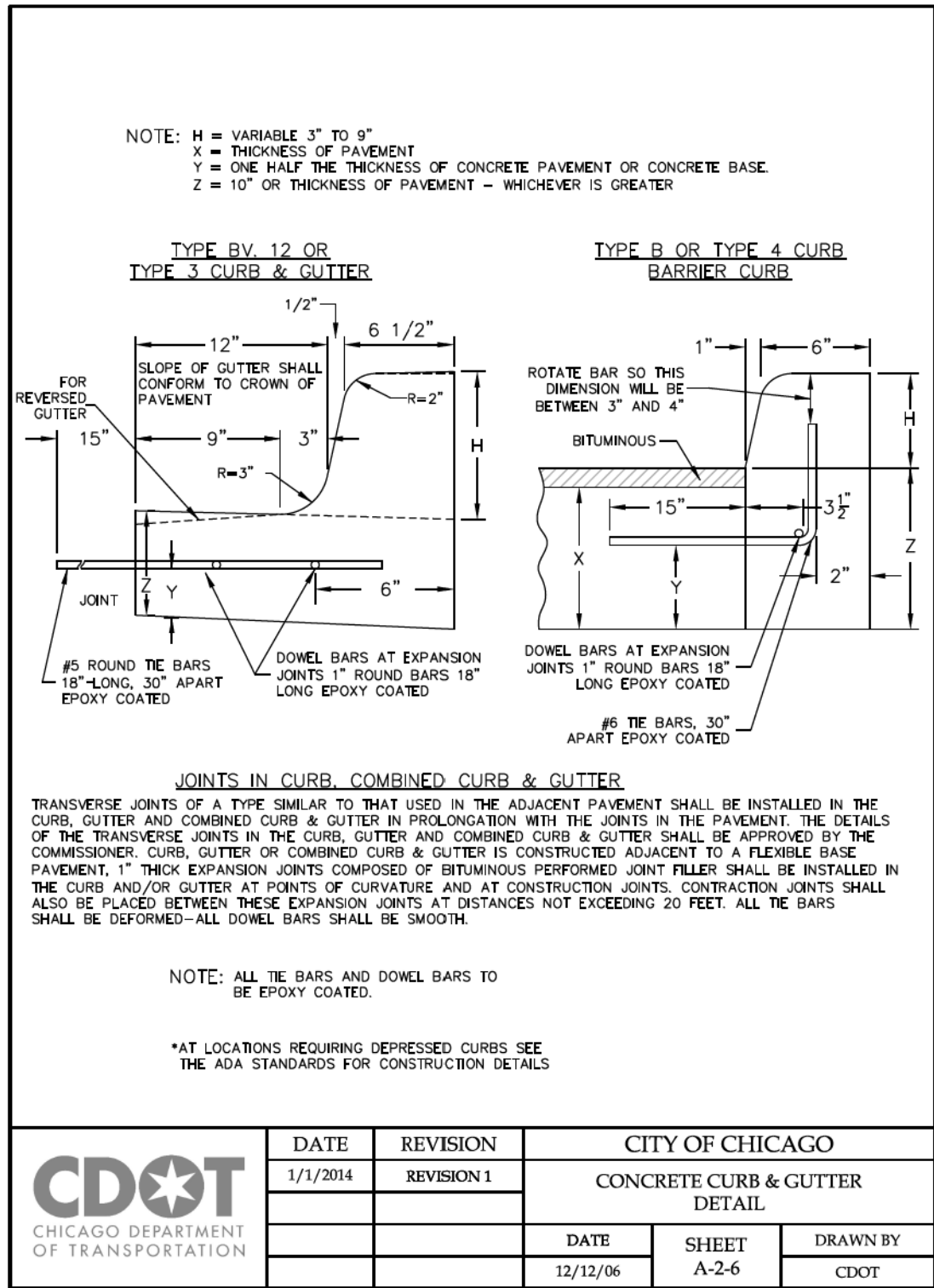
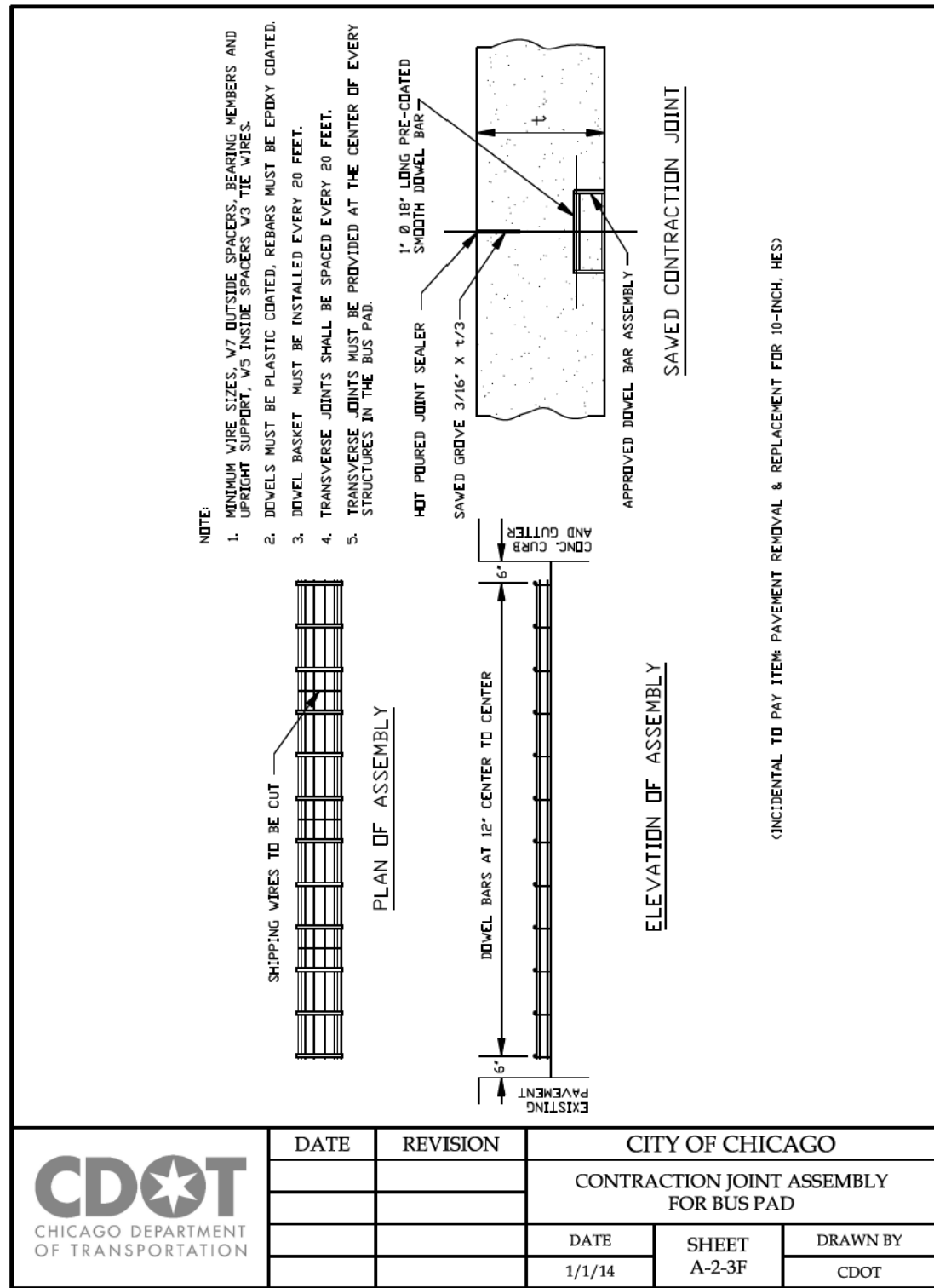
DATE	REVISION	CITY OF CHICAGO		
		PROPOSED 10" BUS PAD PAVEMENT		
DATE	SHEET	DRAWN BY		
1/1/14	A-2-3D	CDOT		



DATE	REVISION	CITY OF CHICAGO		
		PROPOSED BUS PAD PAVEMENT AND TRAFFIC CONTROL LAYOUT		
DATE	SHEET	DRAWN BY		
1/1/14	A-2-3E	CDOT		

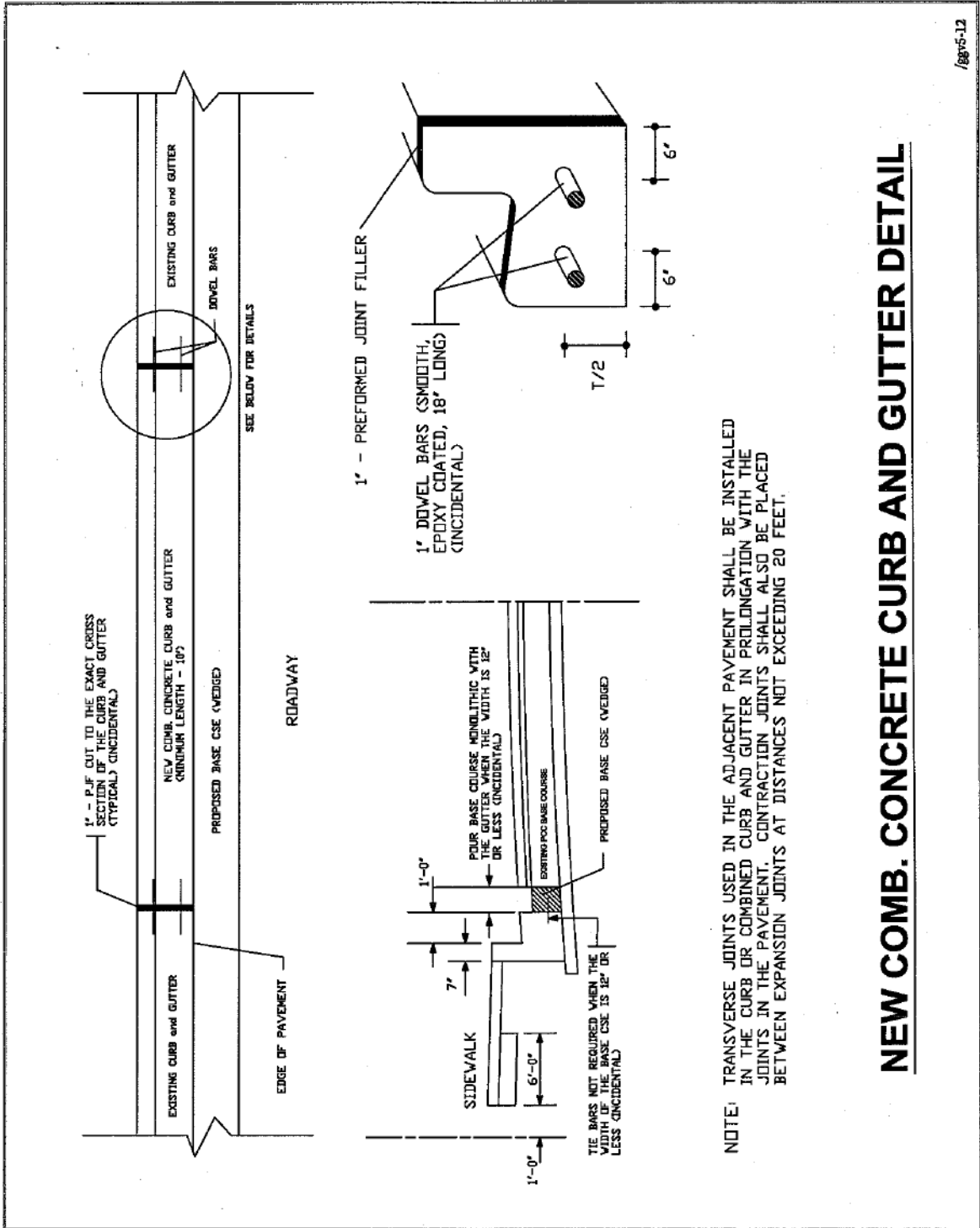
REVISIONS				
NO.	BY	DATE	DESCRIPTION	



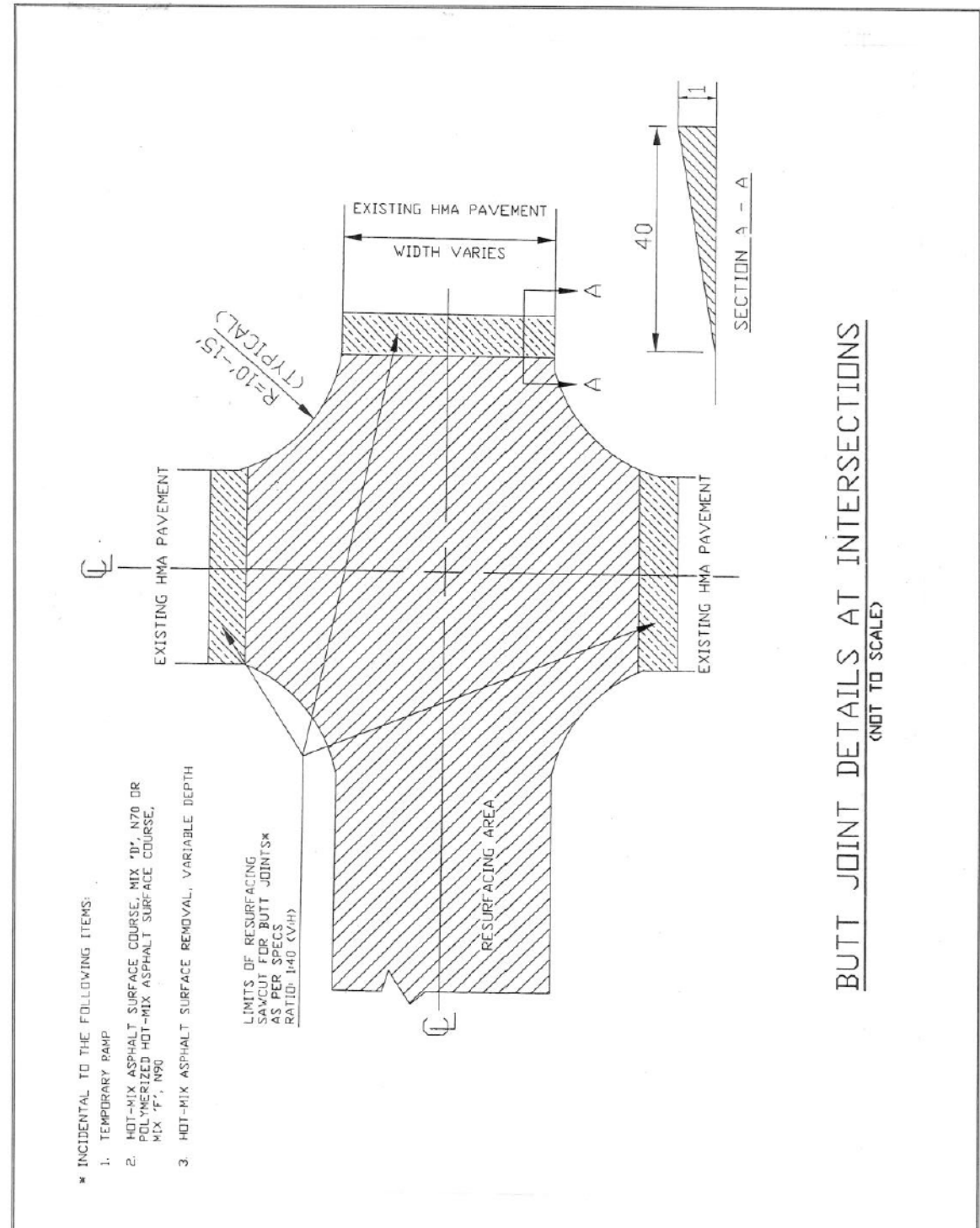


REVISIONS				
NO.	BY	DATE	DESCRIPTION	

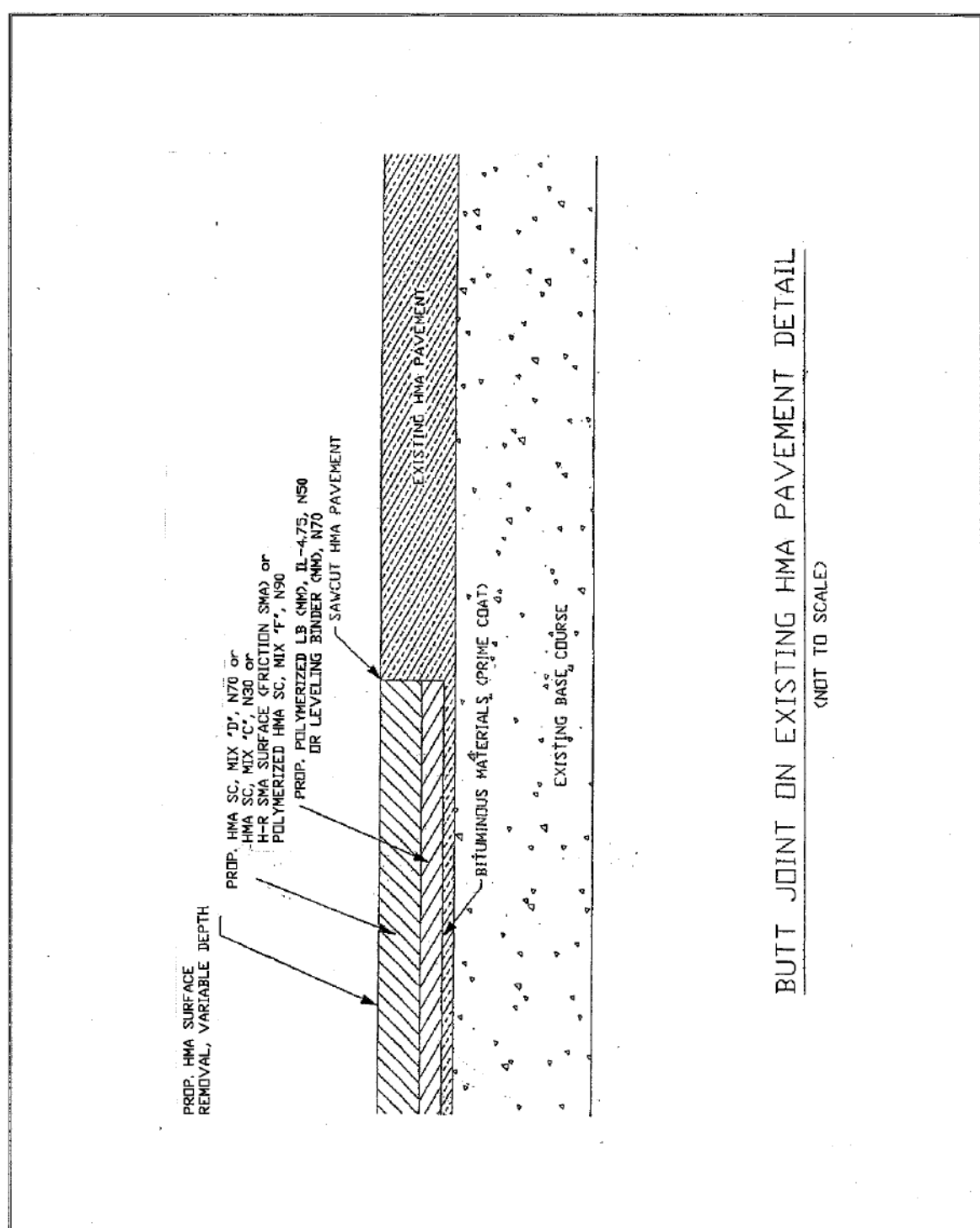




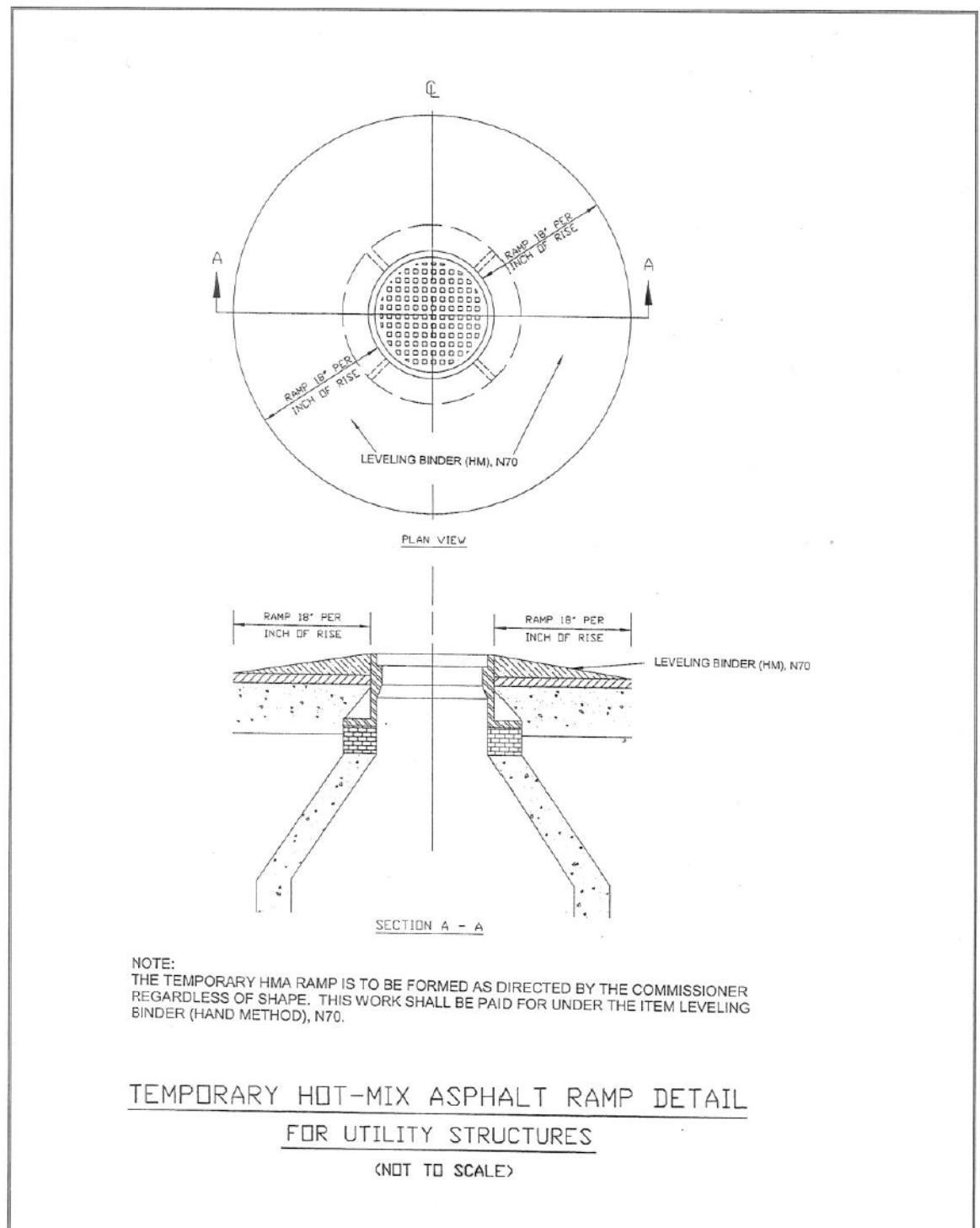
STANDARD DETAILS (TERM)



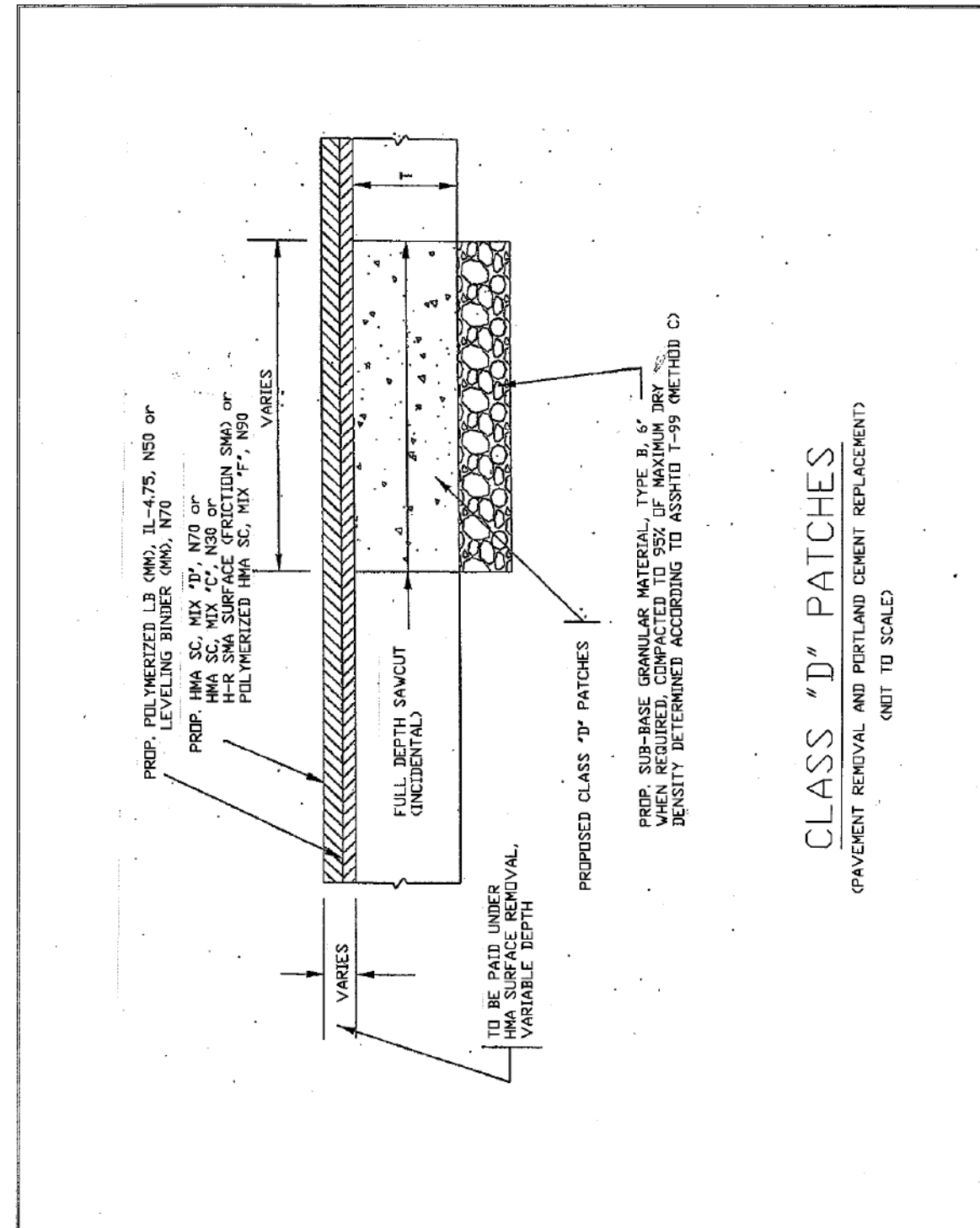
STANDARD DETAILS (TERM)



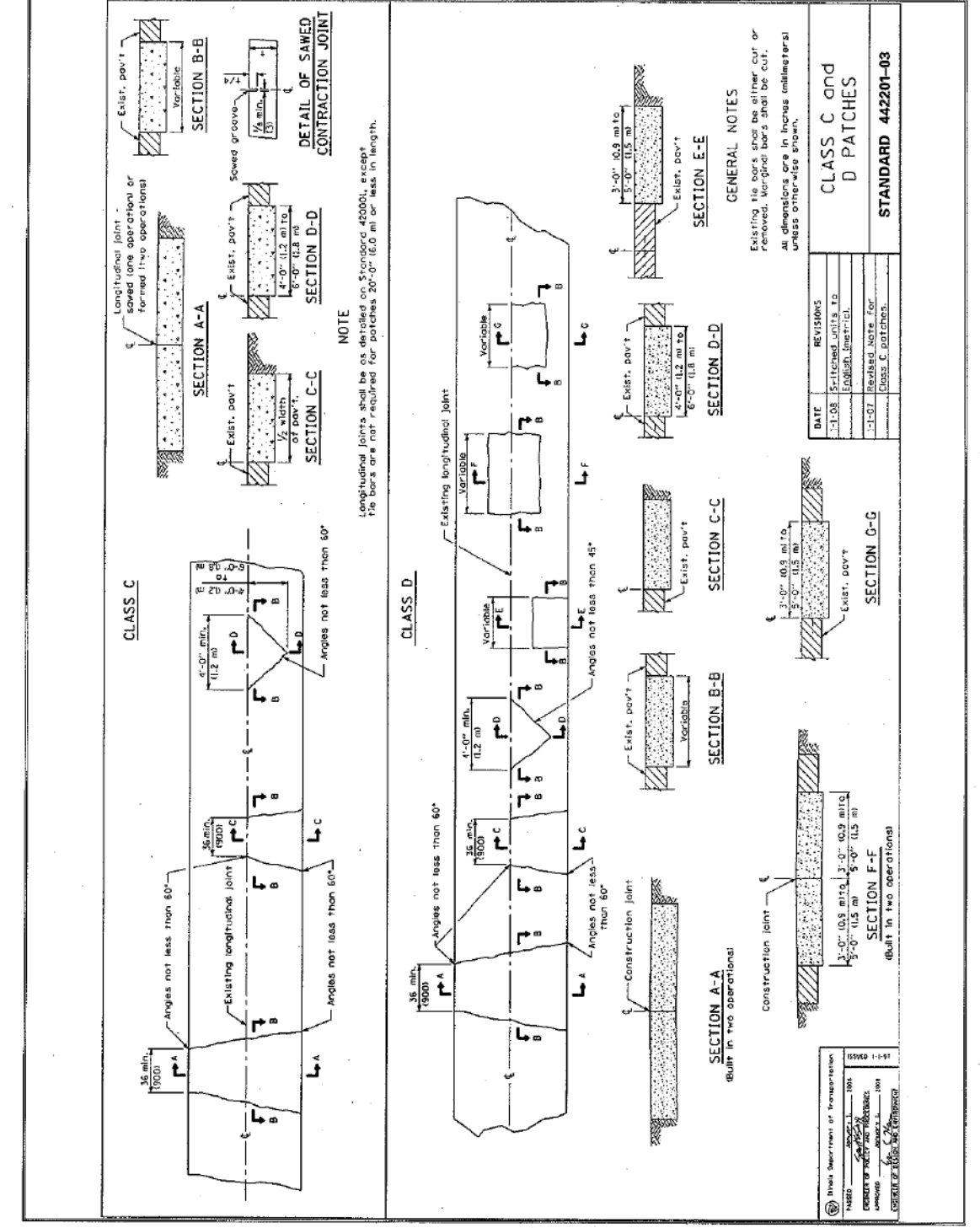
STANDARD DETAILS (TERM)



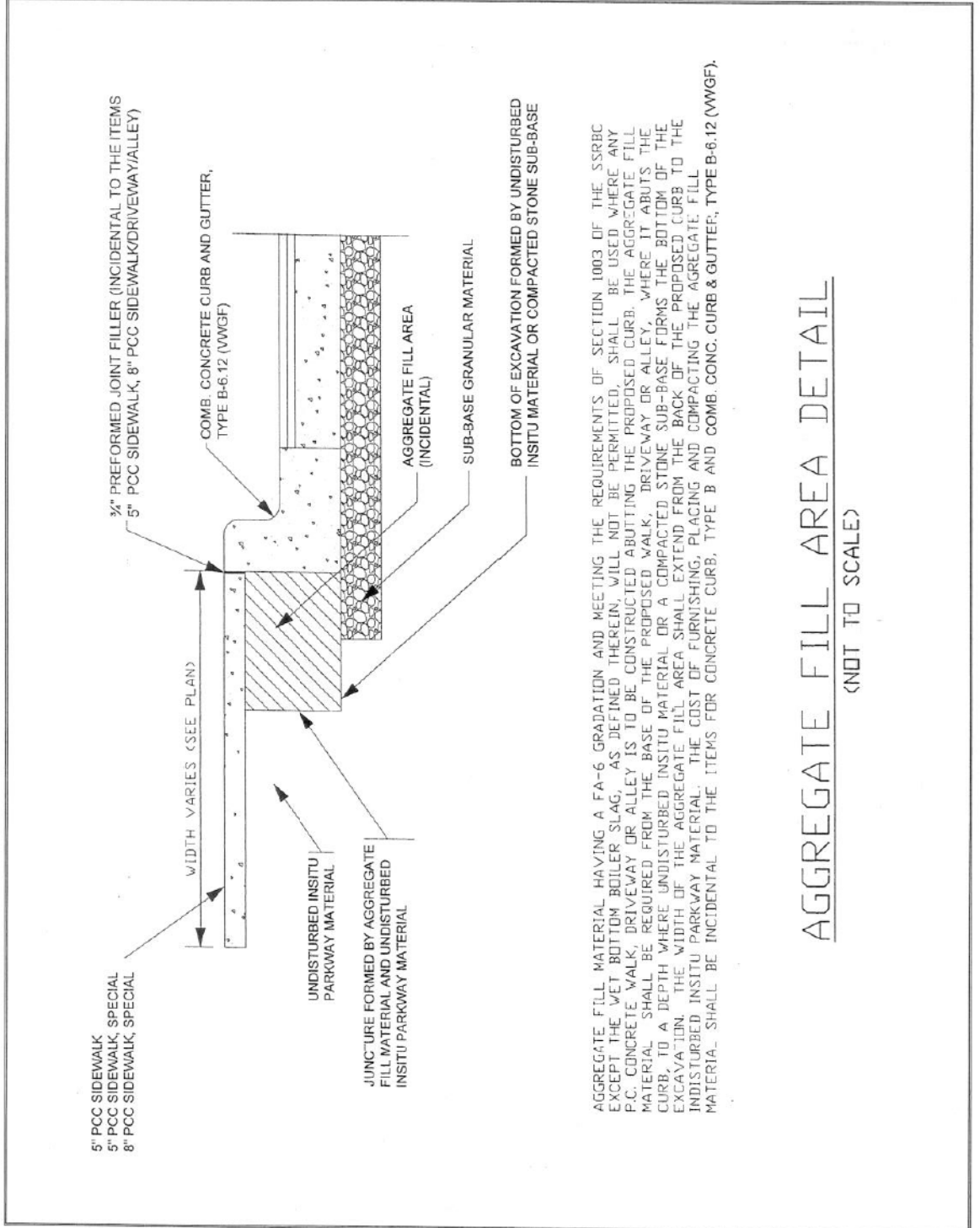
STANDARD DETAILS (TERM)



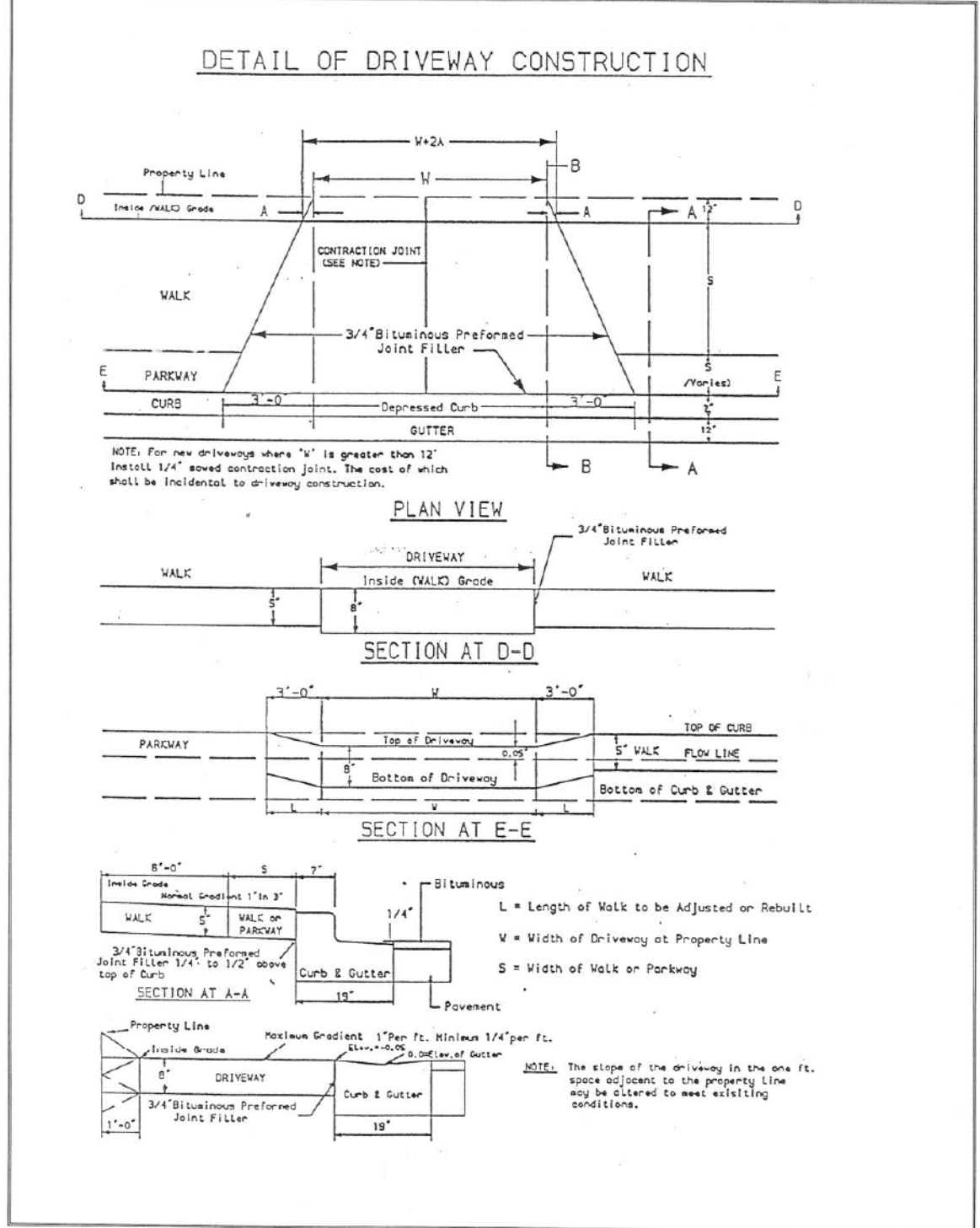
STANDARD DETAILS (TERM)



STANDARD DETAILS (TERM)



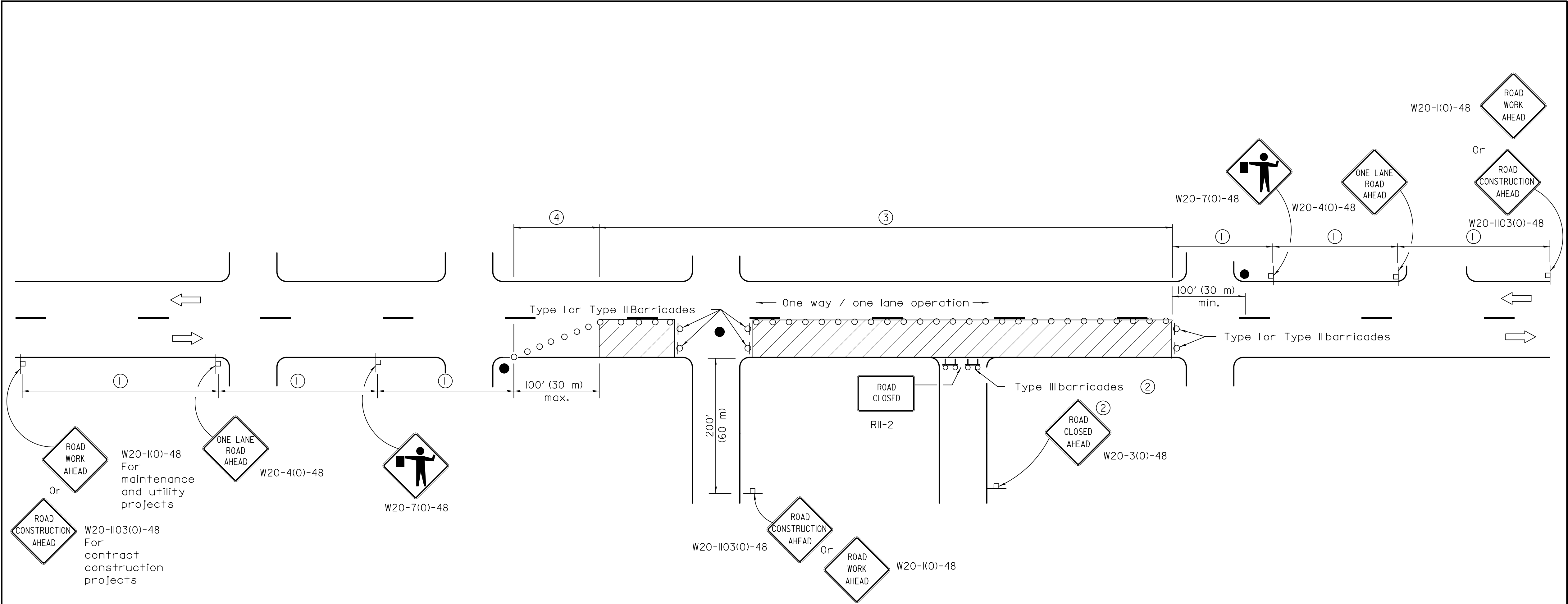
STANDARD DETAILS (TERM)



STANDARD DETAILS (TERM)

REVISIONS				
NO.	BY	DATE	DESCRIPTION	





SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

**SYMBOLS**

- Work area
- Cone, drum or barricade (not required for moving operations)
- Sign on portable or permanent support
- Flagger with traffic control sign
- Barricade or drum with flashing light
- Type III barricade with flashing lights

- ① Refer to SIGN SPACING TABLE for distances.
- ② For approved sideroad closures.
- ③ Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
- ④ Cones, drums or barricades at 20' (6 m) centers.

**GENERAL NOTES**

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement requiring the closure of one traffic lane in an urban area.

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

Illinois Department of Transportation

APPROVED January 1, 2011  
ENGINEER OF SAFETY ENGINEERING  
APPROVED January 1, 2011  
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
1-1-11	Revised flagger sign.	
1-1-09	Switched units to English (metric).	STANDARD 701501-06
	Corrected sign No.'s.	



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

STANDARD DETAILS

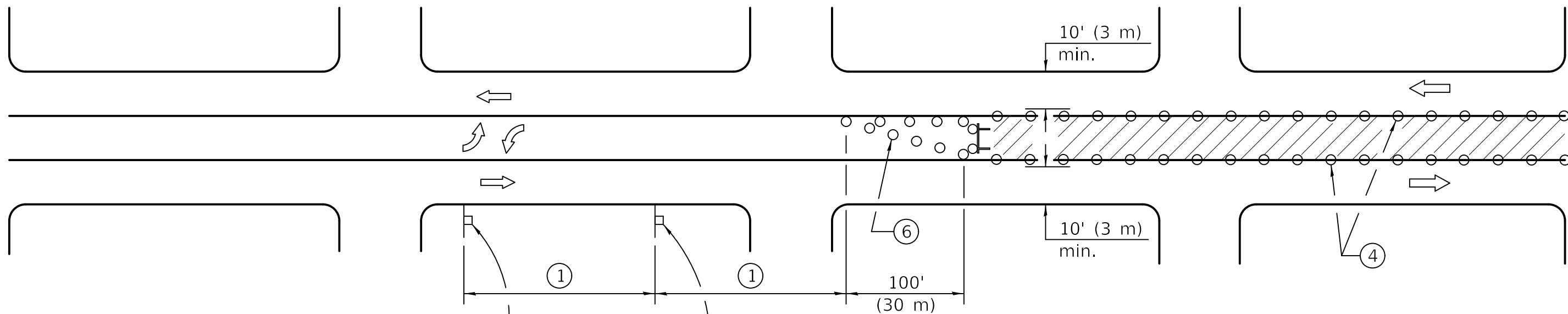
IDOT STANDARD DETAILS

SCALE: N.T.S.

SHEET NO.  
95

DATE: 01/12/18





ROAD  
CONSTRUCTION  
AHEAD

W20-1103(O)-48  
For  
Construction

Or

ROAD  
WORK  
AHEAD

W20-1(O)-48  
For  
Maintenance

CENTER  
LANE  
CLOSED

W20-5c(O)-48

#### CASE I

(Signs required for both directions)

SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

#### SYMBOLS

- Work area
- Barricade or drum with flashing light
- Flagger with traffic control sign
- Cone, drum or barricade (Cones for daytime use only)
- Sign on portable or permanent support
- Type III barricade with flashing lights

- ① Refer to SIGN SPACING TABLE for distances.
- ② Required for speeds > 40 mph (70 km/h).
- ③ Required if work exceeds 500' (164 m) or 1 block.
- ④ Cones at 25' (8 m) centers for 250' (75 m) on approach. Additional cones may be placed at 50' (15 m) centers. When drums or type I or II barricades are used, the interval between devices may be doubled.
- ⑤ For approved sideroad closures.
- ⑥ Cones, drums or barricades at 20' (6 m) centers in taper.
- ⑦ Use flagger sign only when flagger is present.

#### GENERAL NOTES

This Standard is used to close one lane of an urban, two lane, two way roadway with a bidirectional turn lane.

Case I applies when no workers are present. When workers are present, two lanes shall be closed and traffic control shall be according to Standard 701501.

Calculate L as follows:

SPEED LIMIT	FORMULAS	
	English	(Metric)
40 mph (70 km/h) or less:	$L = \frac{WS^2}{60}$	$L = \frac{WS^2}{150}$
45 mph (80 km/h) or greater:	$L = (W)(S)$	$L = 0.65(W)(S)$
W = Width of offset in feet (meters).		
S = Normal posted speed mph (km/h).		

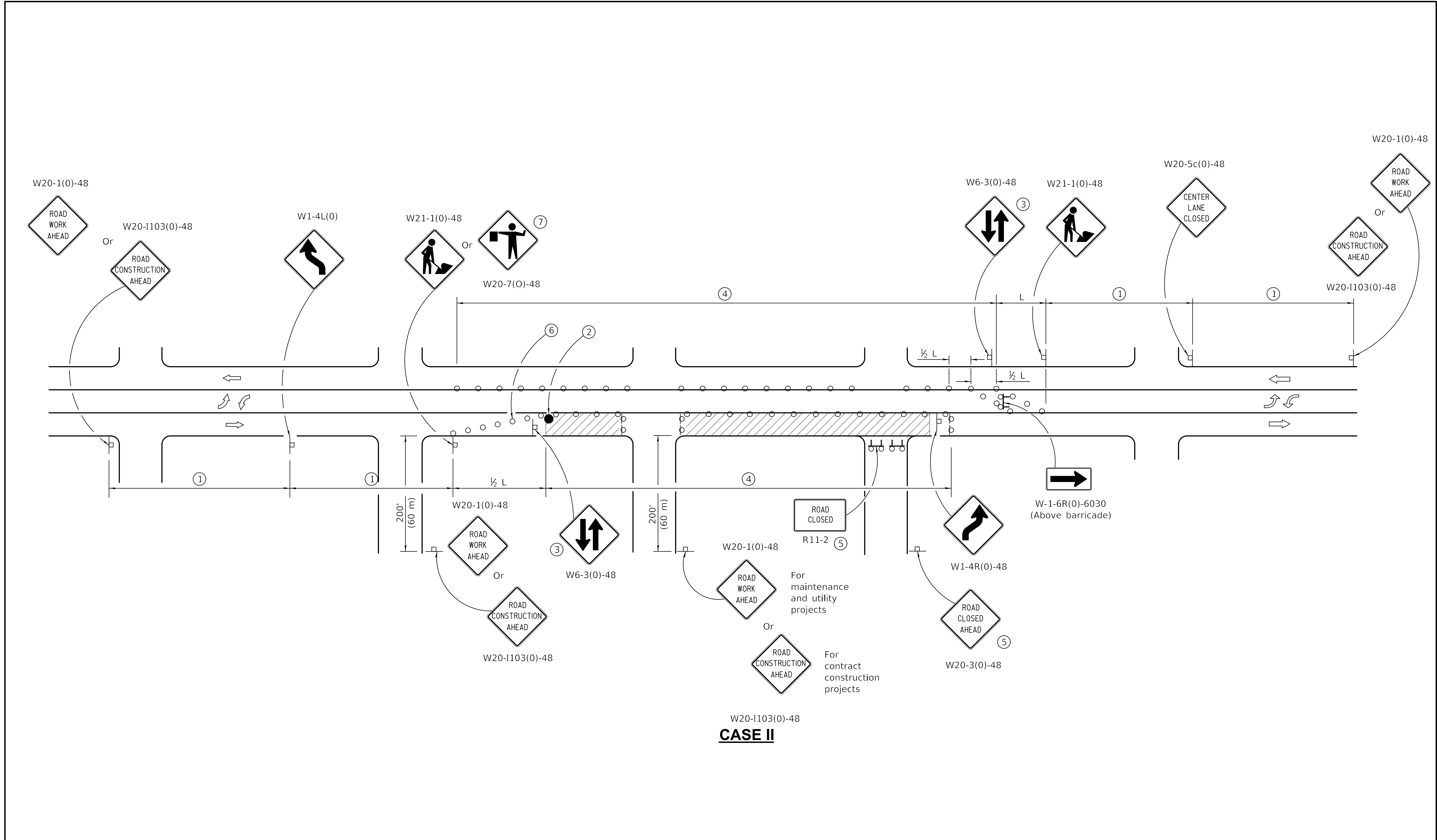
All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation	
APPROVED January 1, 2018	ISSUED I-101
ENGINEER OF SAFETY PROG. AND ENGINEERING	
APPROVED January 1, 2018	
ENGINEER OF DESIGN AND ENVIRONMENT	

DATE	REVISIONS	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE (Sheet 1 of 2)
I-1-18	Corrected sign number for	
	TWO WAY TRAFFIC sign for	
	CASE II.	
I-1-17	Added flashing lights to Type	
	III barr. Revised dev. & sign	STANDARD 701502-08
	spacing, TWLTL taper length.	

REVISIONS			
NO.	BY	DATE	DESCRIPTION





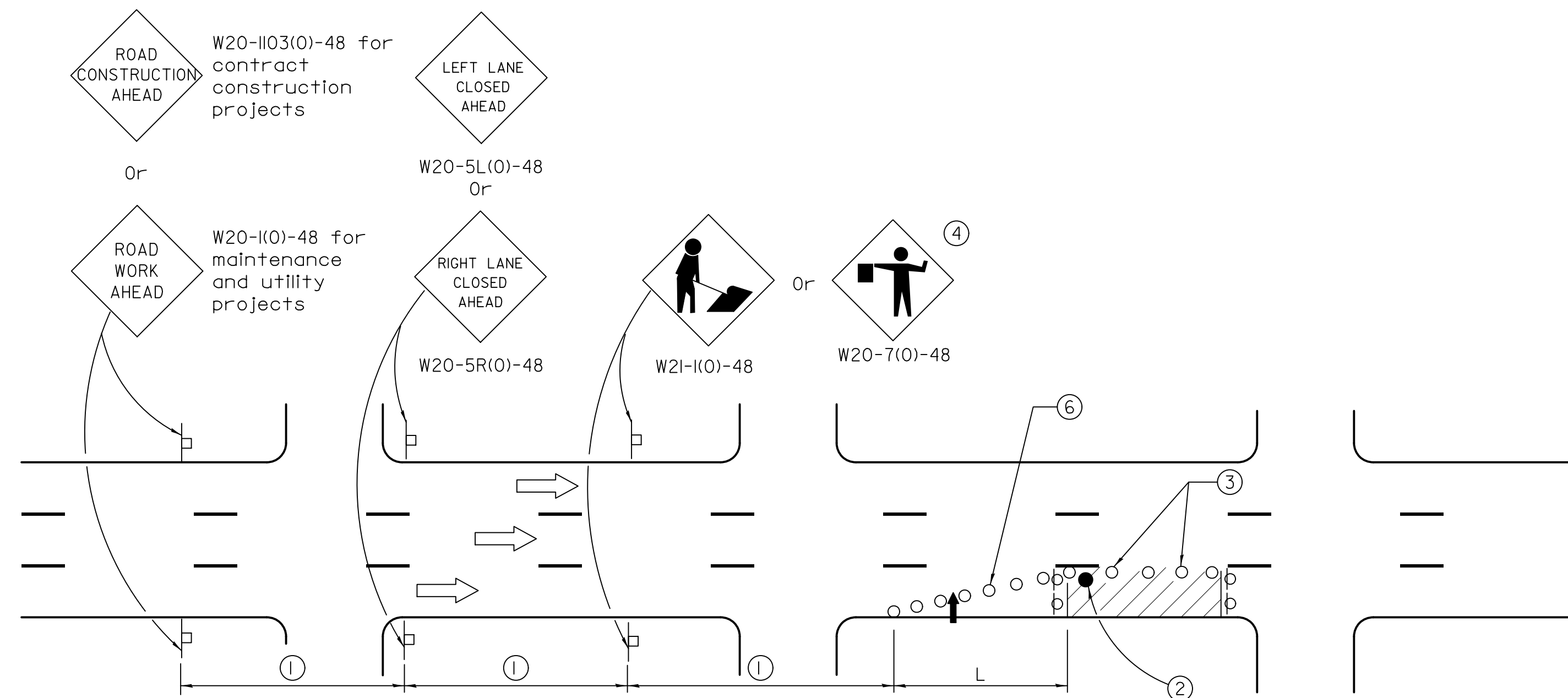
Illinois Department of Transportation			
APPROVED	January 1, 2018	ISSUED 1-1-01	
<i>[Signature]</i>			
ENGINEER OF SAFETY, PROG. AND ENGINEERING			
APPROVED	January 1, 2018		
<i>[Signature]</i>		ENGINEER OF DESIGN AND ENVIRONMENT	

URBAN LANE CLOSURE,  
2L, 2W, WITH BIDIRECTIONAL  
LEFT TURN LANE  
(Sheet 2 of 2)

STANDARD 701502-08

REVISIONS			
NO.	BY	DATE	DESCRIPTION





SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

**SYMBOLS**

- ↑ Arrow board
- Cone, drum or barricade
- └ Sign on portable or permanent support
- ▨ Work area
- ⦿ Barricade or drum with flashing light
- ⦿ Type III barricade with flashing lights
- Flagger with traffic control sign.

- ① Refer to SIGN SPACING TABLE for distances.
- ② Required for speeds > 40 MPH
- ③ Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
- ④ Use flagger sign only when flagger is present.
- ⑤ For approved sideroad closures.
- ⑥ Cones, drums or barricades at 20' (6 m) in taper.

**GENERAL NOTES**

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement during shoulder operations or where construction requires lane closures in urban areas.

Calculate L as follows:

SPEED LIMIT	FORMULAS	
	English	(Metric)
40 mph (70 km/h) or less:	$L = \frac{WS^2}{60}$	$L = \frac{WS^2}{150}$
45 mph (80 km/h) or greater:	$L = (W)(S)$	$L = 0.65(W)(S)$
W = Width of offset in feet (meters).		
S = Normal posted speed mph (km/h).		

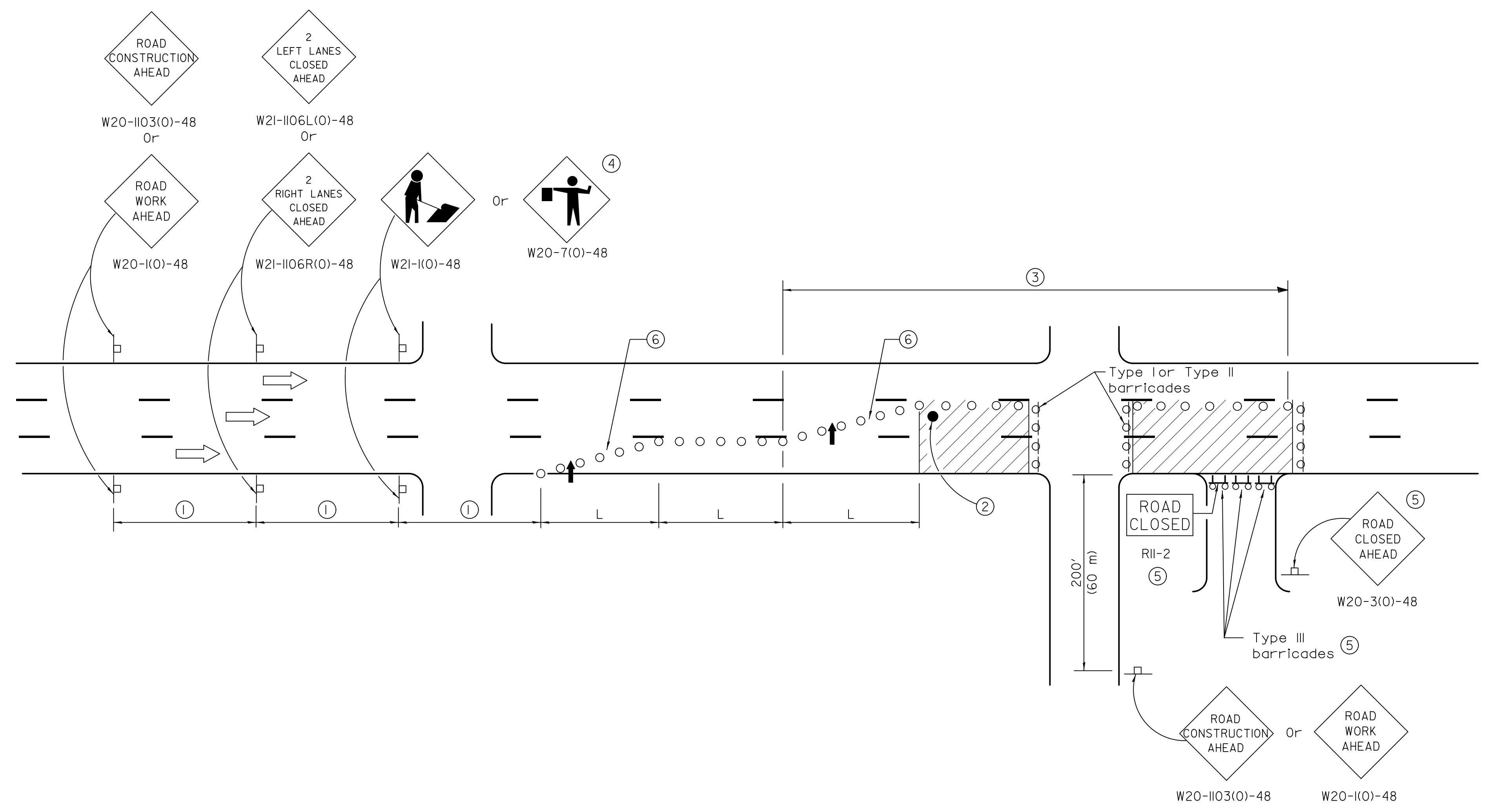
All dimensions are in inches (millimeters) unless otherwise shown.


Illinois Department of Transportation	
APPROVED January 1, 2014 ENGINEER OF SAFETY ENGINEERING	ISSUED I-1-97
APPROVED January 1, 2014 ENGINEER OF DESIGN AND ENVIRONMENT	

DATE	REVISIONS	<b>URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN</b> (Sheet 1 of 2) <b>STANDARD 701601-09</b>
I-1-14	Revised workers sign number to agree with current MUTCD.	
I-1-13	Omitted text 'WORKERS' sign.	

REVISIONS			
NO.	BY	DATE	DESCRIPTION







Illinois Department of Transportation

APPROVED January 1, 2014  
*[Signature]*  
ENGINEER OF SAFETY ENGINEERING

APPROVED January 1, 2014  
*[Signature]*  
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

URBAN LANE CLOSURE,  
MULTILANE, 1W OR 2W WITH  
NONTRAVERSABLE MEDIAN  
(Sheet 2 of 2)

STANDARD 701601-09

REVISIONS			
NO.	BY	DATE	DESCRIPTION

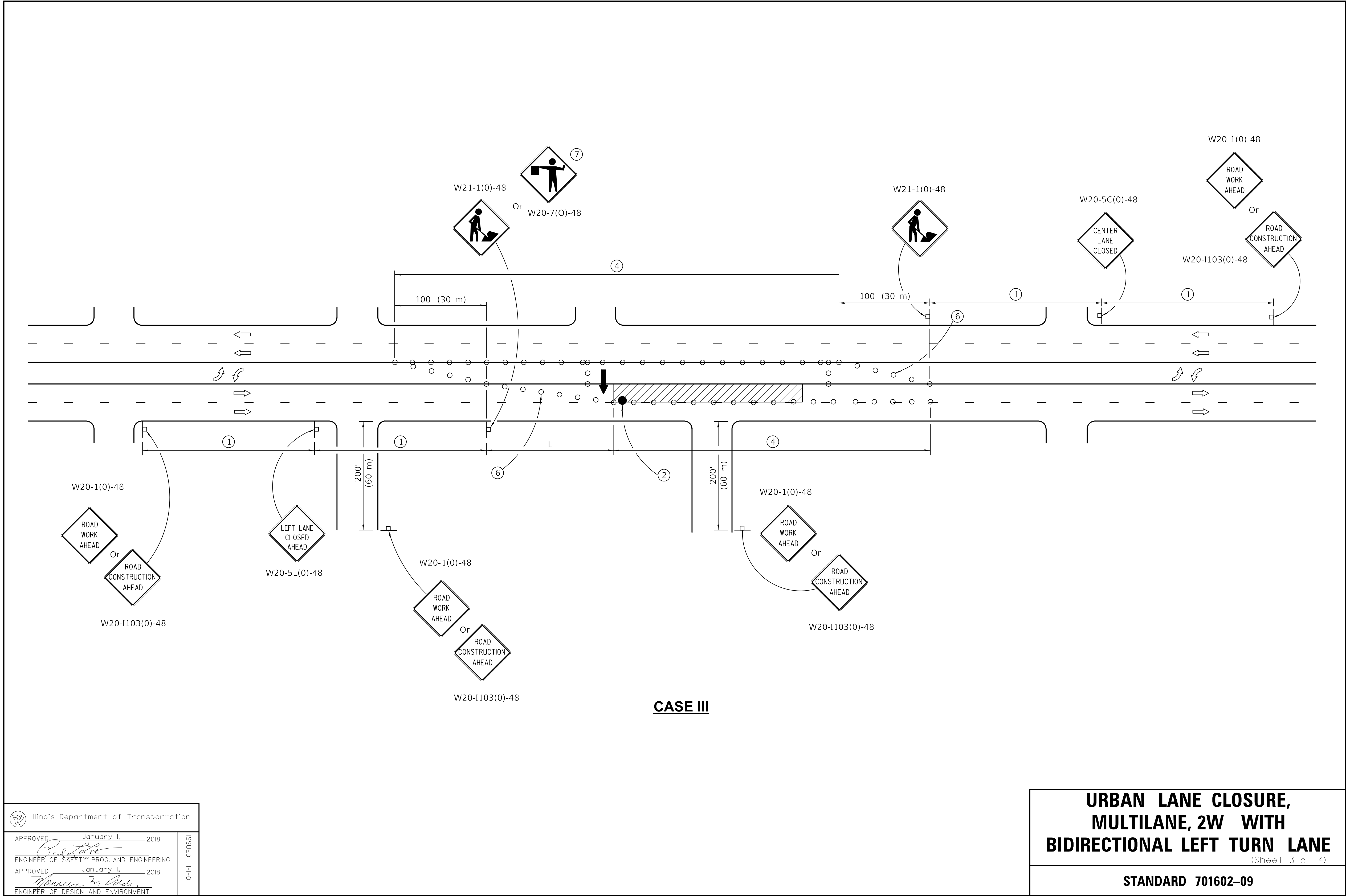












**CASE III**

Illinois Department of Transportation

APPROVED January 1, 2018  
[Signature]  
ENGINEER OF SAFETY, PROG. AND ENGINEERING

APPROVED January 1, 2018  
[Signature]  
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-01

**URBAN LANE CLOSURE,  
MULTILANE, 2W WITH  
BIDIRECTIONAL LEFT TURN LANE**  
(Sheet 3 of 4)

**STANDARD 701602-09**



REVISIONS				
NO.	BY	DATE	DESCRIPTION	

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

STANDARD DETAILS

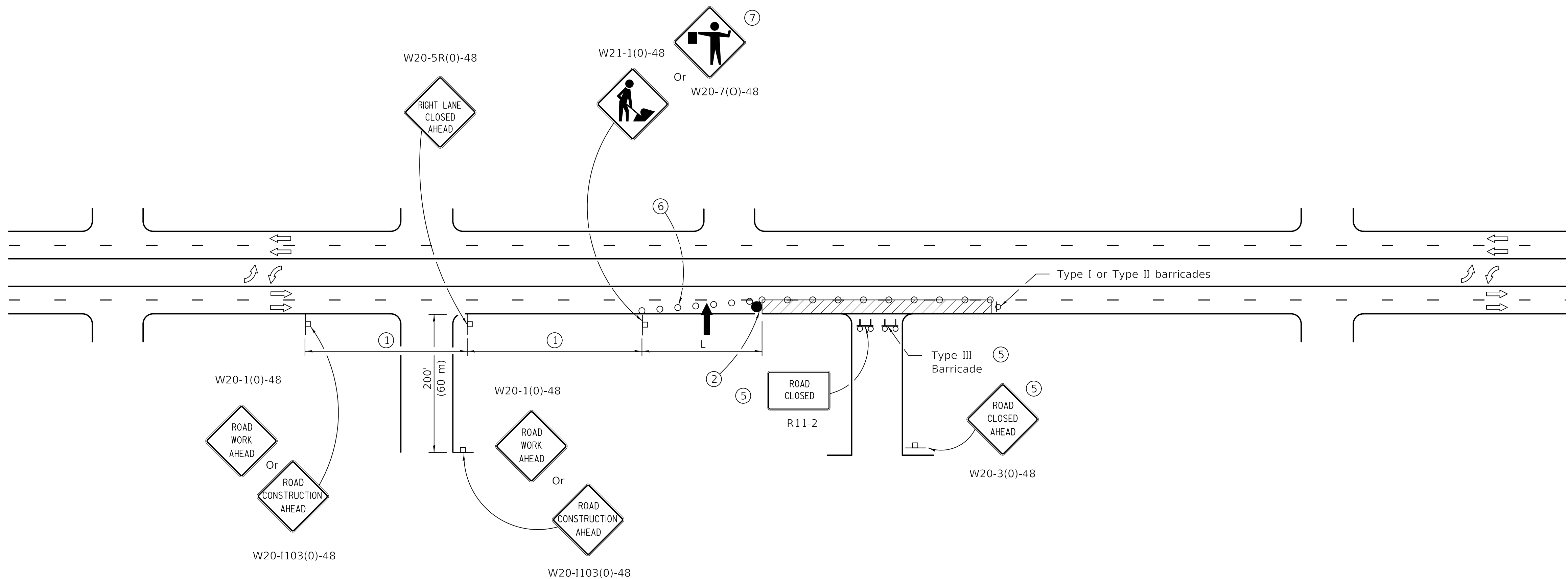
IDOT STANDARD DETAILS

SCALE: N.T.S.

SHEET NO.  
102

DATE: 01/12/18





**CASE IV**

Illinois Department of Transportation

APPROVED January 1, 2018  
*[Signature]*  
ENGINEER OF SAFETY, PROG. AND ENGINEERING

ISSUED 1-1-01

APPROVED January 1, 2018  
*[Signature]*  
ENGINEER OF DESIGN AND ENVIRONMENT

URBAN LANE CLOSURE,  
MULTILANE, 2W WITH  
BIDIRECTIONAL LEFT TURN LANE  
(Sheet 4 of 4)

STANDARD 701602-09

REVISIONS				
NO.	BY	DATE	DESCRIPTION	

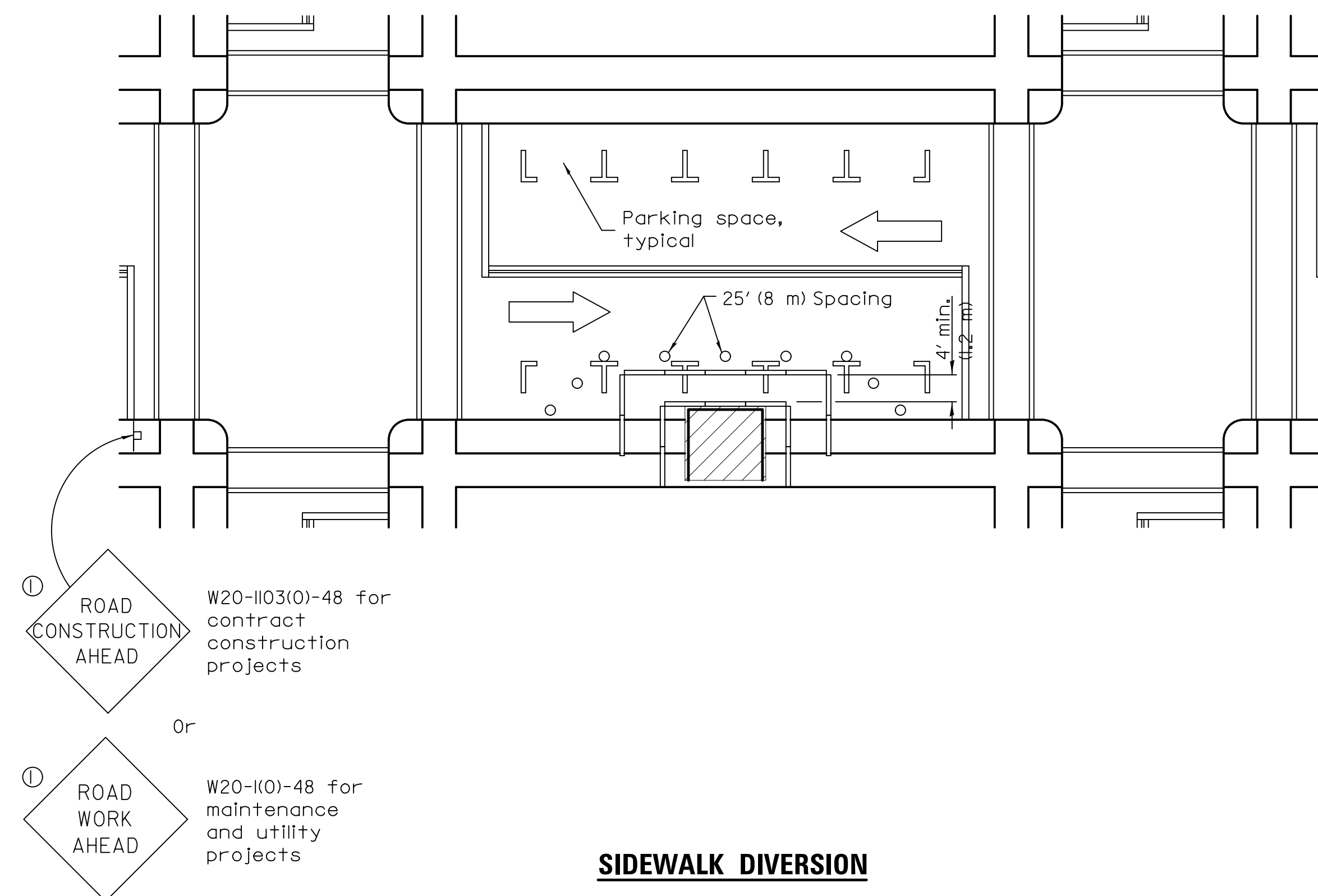




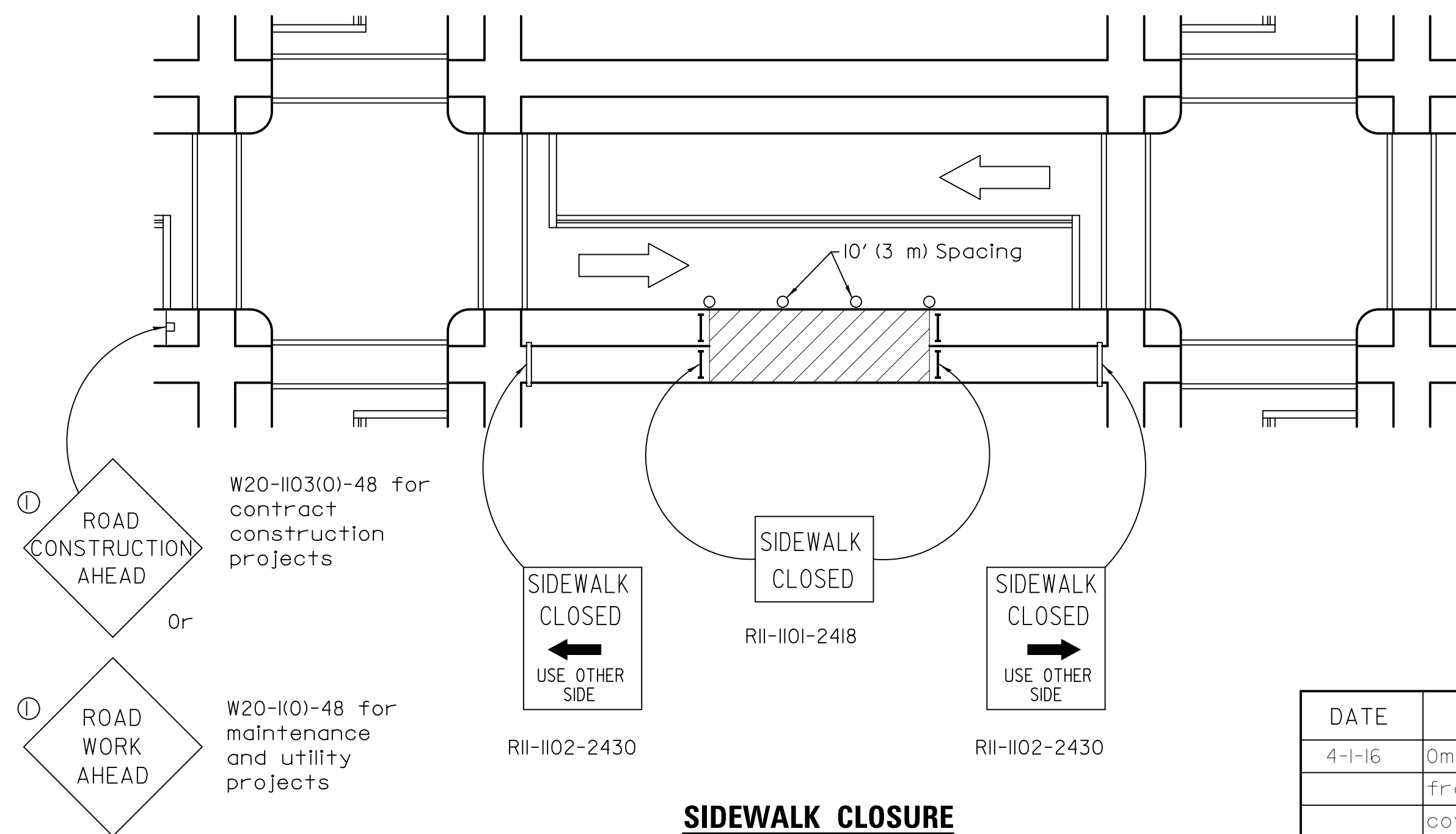








## SIDEWALK DIVERSION



## GENERAL NOTES

This Standard is used where, at any time, pedestrian traffic must be rerouted due to work being performed.

This Standard must be used in conjunction with other Traffic Control & Protection Standards when roadway traffic is affected.

Temporary facilities shall be detectable and accessible.

The temporary pedestrian facilities shall be provided on the same side of the closed facilities whenever possible.

The SIDEWALK CLOSED / USE OTHER SIDE sign shall be placed at the nearest crosswalk or intersection to each end of the closure. Where the closure occurs at a corner, the signs shall be erected on the corners across the street from the closure. The SIDEWALK CLOSED signs shall be used at the ends of the actual closures.

Type III barricades and RII-2-4830 signs shall be positioned as shown in "ROAD CLOSED TO ALL TRAFFIC" detail on Standard 701901.

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







## SIDEWALK, CORNER OR CROSSWALK CLOSURE


(Sheet 1 of 2)

**STANDARD 701801-06**

DATE	REVISIONS
4-1-16	Omitted orange safety fence from standard as this is covered in the std. spec.
1-1-12	Added SIDEWALK DIVERSION. Modified appearance of plan views. Renamed Std.

## SYMBOLS

	Work area
	Sign on portable or permanent support
	Barricade or drum
	Cone, drum or barricade
	Type III barricade
	Detectable pedestrian channellizing barricade

	Illinois Department of Transportation	ISSUED 1-1-97
APPROVED _____	April, _____ 2016 <i>Donald A. Davis</i>	
ENGINEER OF SAFETY ENGINEERING		
APPROVED _____	April, _____ 2016 <i>DR</i>	
ENGINEER OF SPECIAL EQUIPMENT		

REVISIONS			
NO.	BY	DATE	DESCRIPTION



CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

STANDARD DETAILS

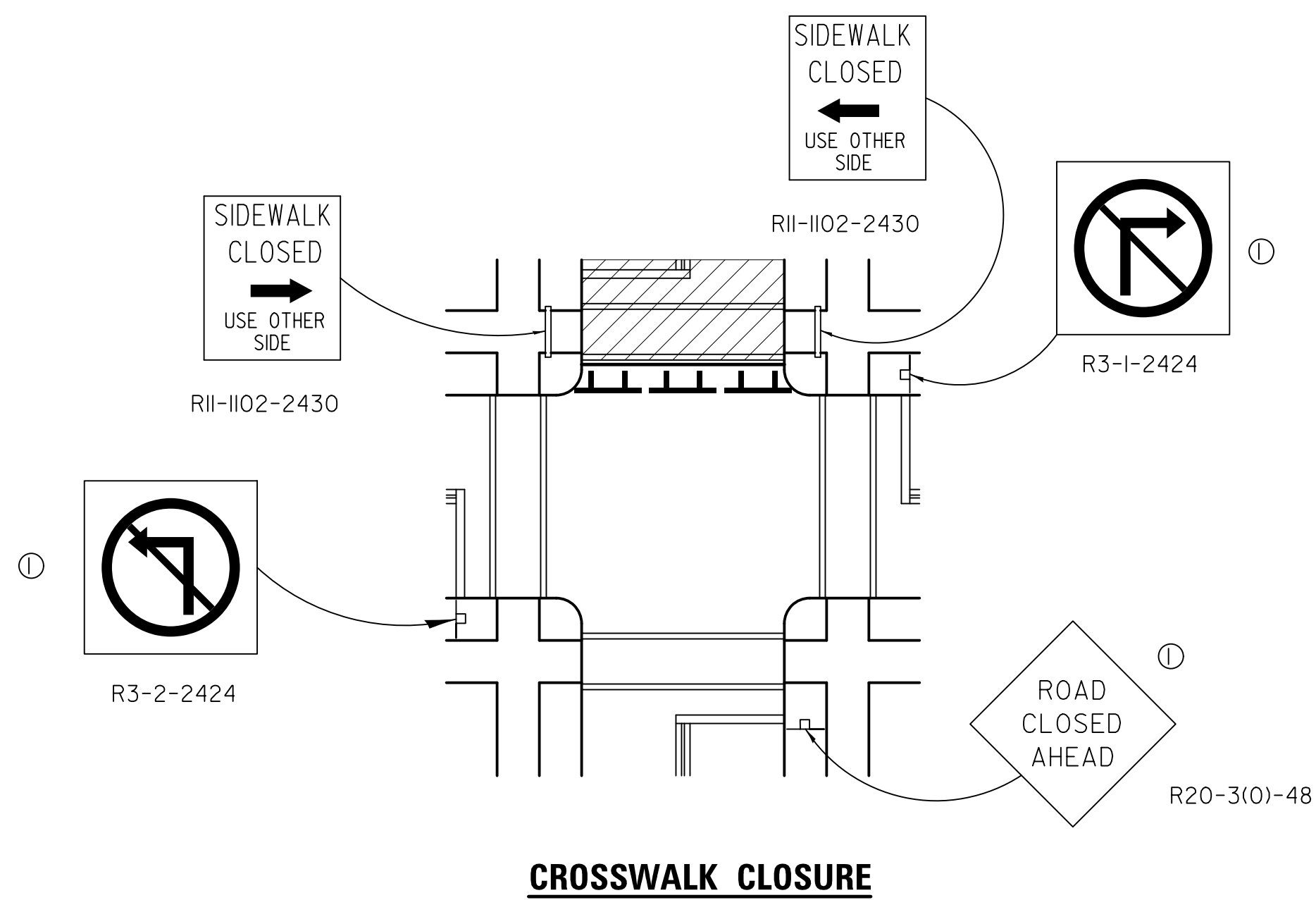
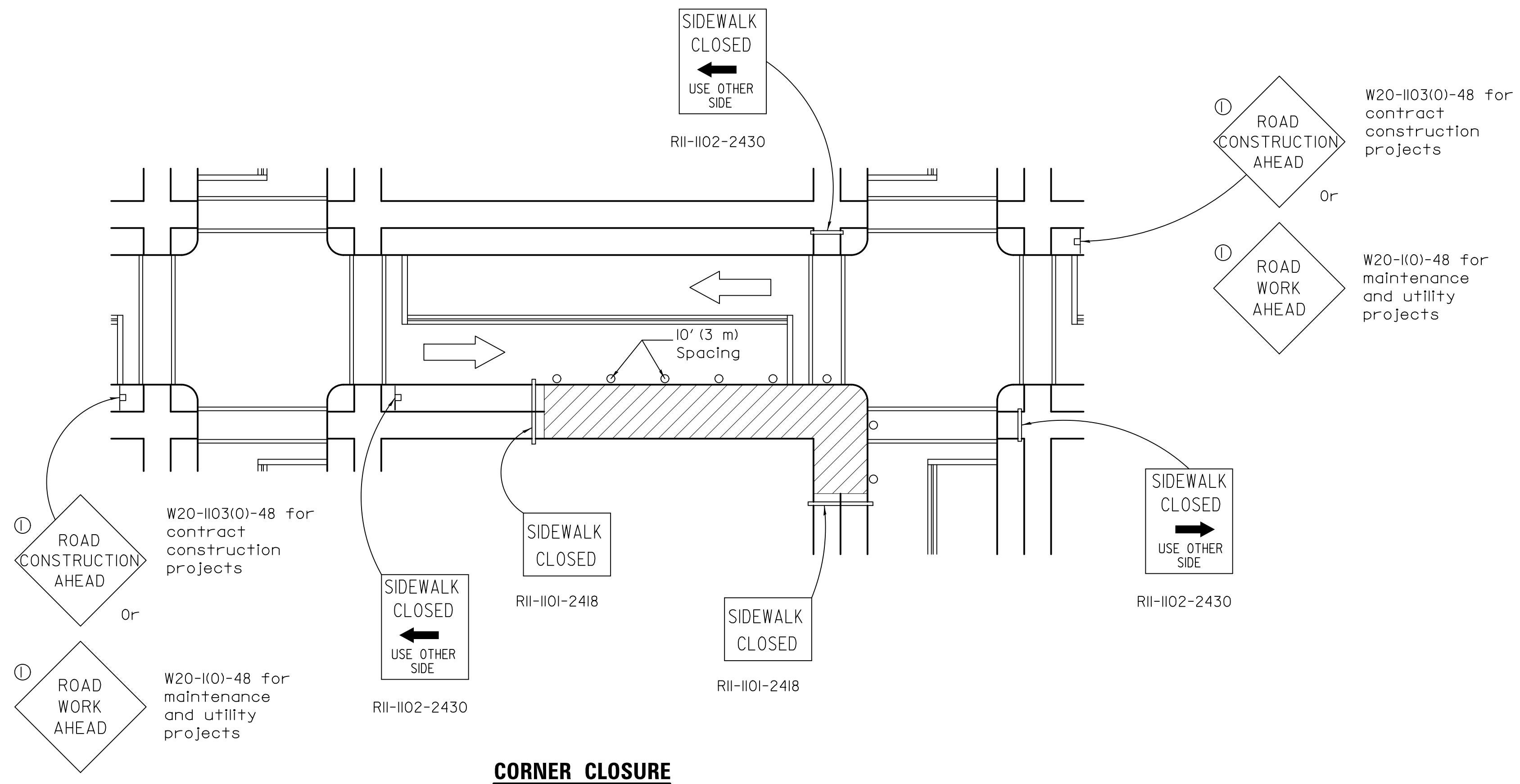
IDOT STANDARD DETAILS

SCALE: N.T.S.

SHEET NO.  
106

DATE:01/12/18





**SIDEWALK, CORNER OR  
CROSSWALK CLOSURE**

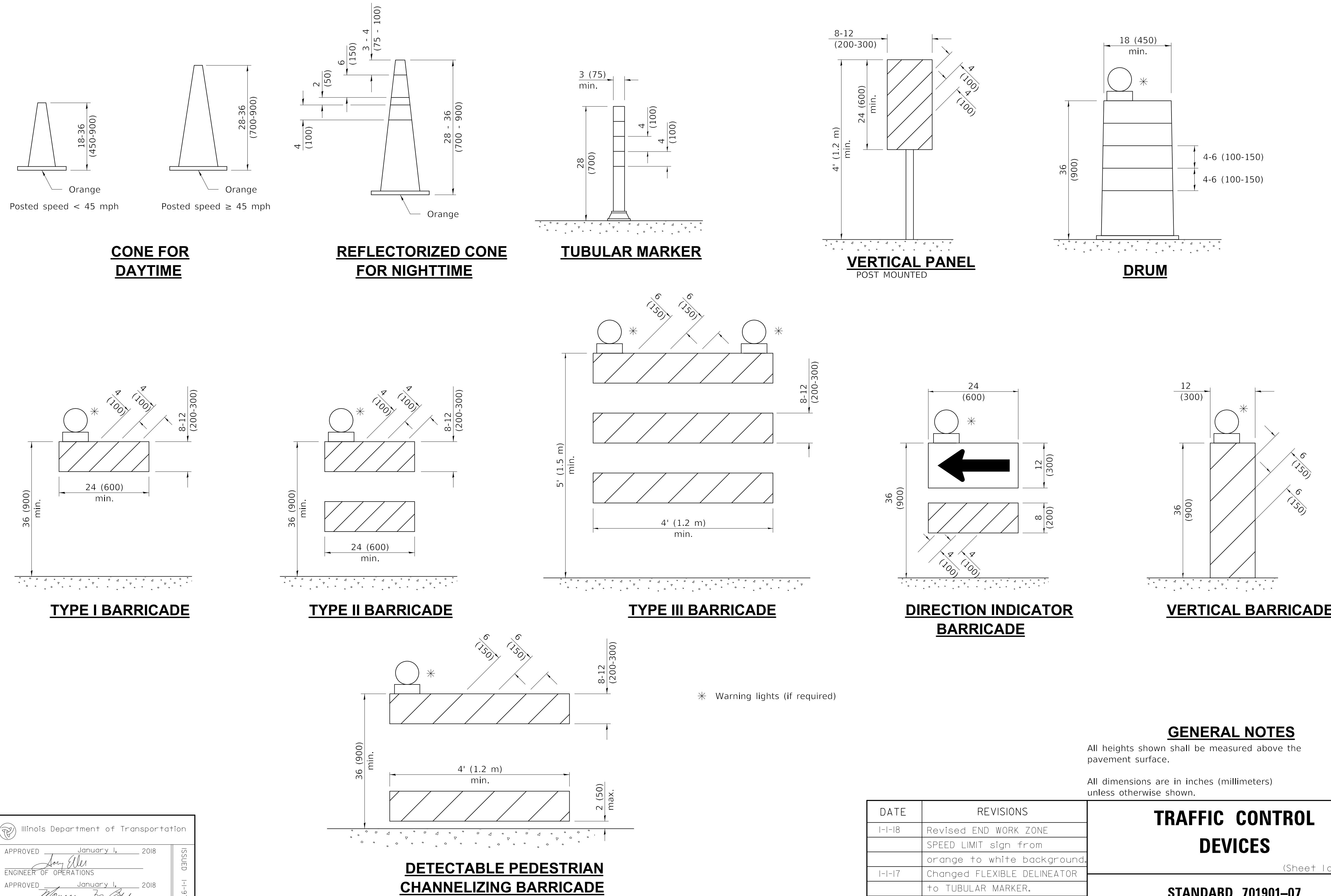
(Sheet 2 of 2)

**STANDARD 701801-06**

Illinois Department of Transportation	
APPROVED _____ Apr 11, 2016	ISSUED 1-1-97
ENGINEER OF SAFETY ENGINEERING	
APPROVED _____ Apr 11, 2016	
ENGINEER OF DESIGN AND ENVIRONMENT	

REVISIONS				
NO.	BY	DATE	DESCRIPTION	





**GENERAL NOTES**

All heights shown shall be measured above the pavement surface.

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

DATE	REVISIONS
I-I-18	Revised END WORK ZONE
	SPEED LIMIT sign from orange to white background.
I-I-17	Changed FLEXIBLE DELINEATOR to TUBULAR MARKER.

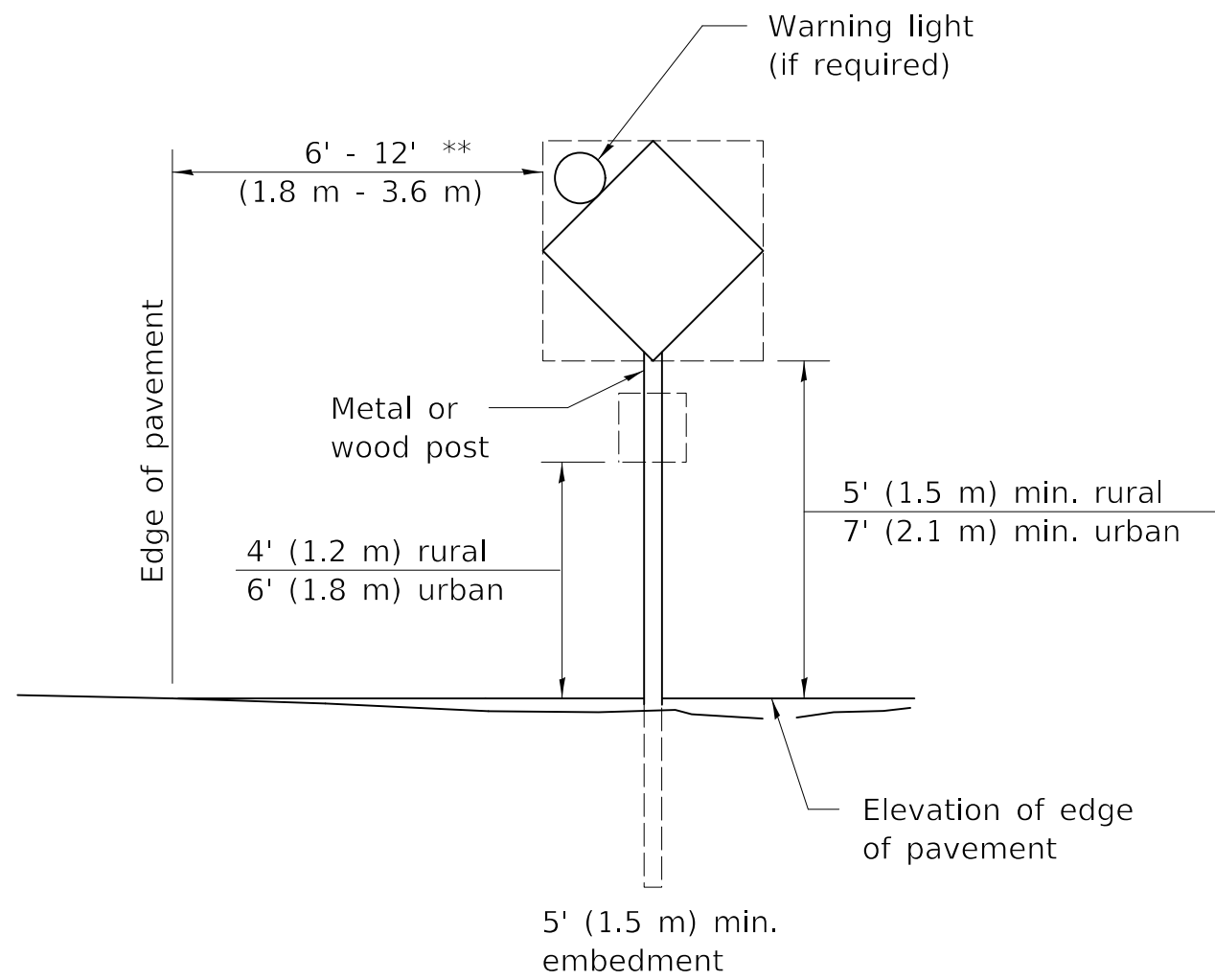
**TRAFFIC CONTROL DEVICES**

(Sheet 1 of 3)

**STANDARD 701901-07**

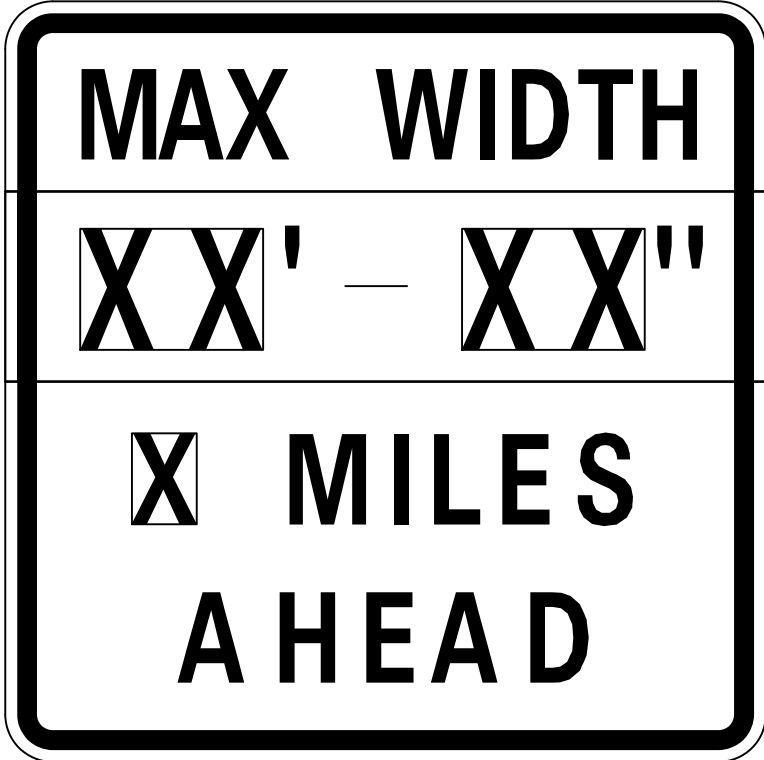
REVISIONS			
NO.	BY	DATE	DESCRIPTION





POST MOUNTED SIGNS

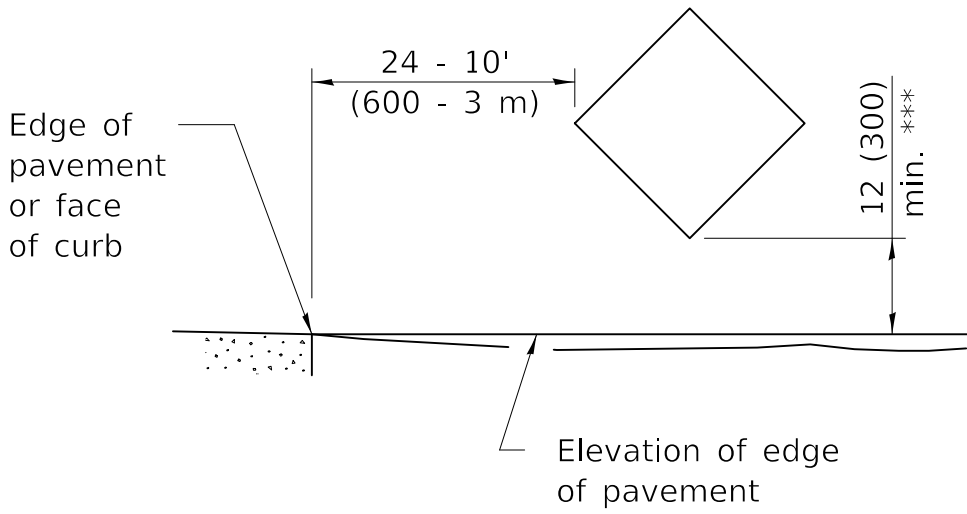
\*\* When curb or paved shoulder are present this dimension shall be 24 (600) to the face of curb or 6' (1.8 m) to the outside edge of the paved shoulder.



W12-I103-4848

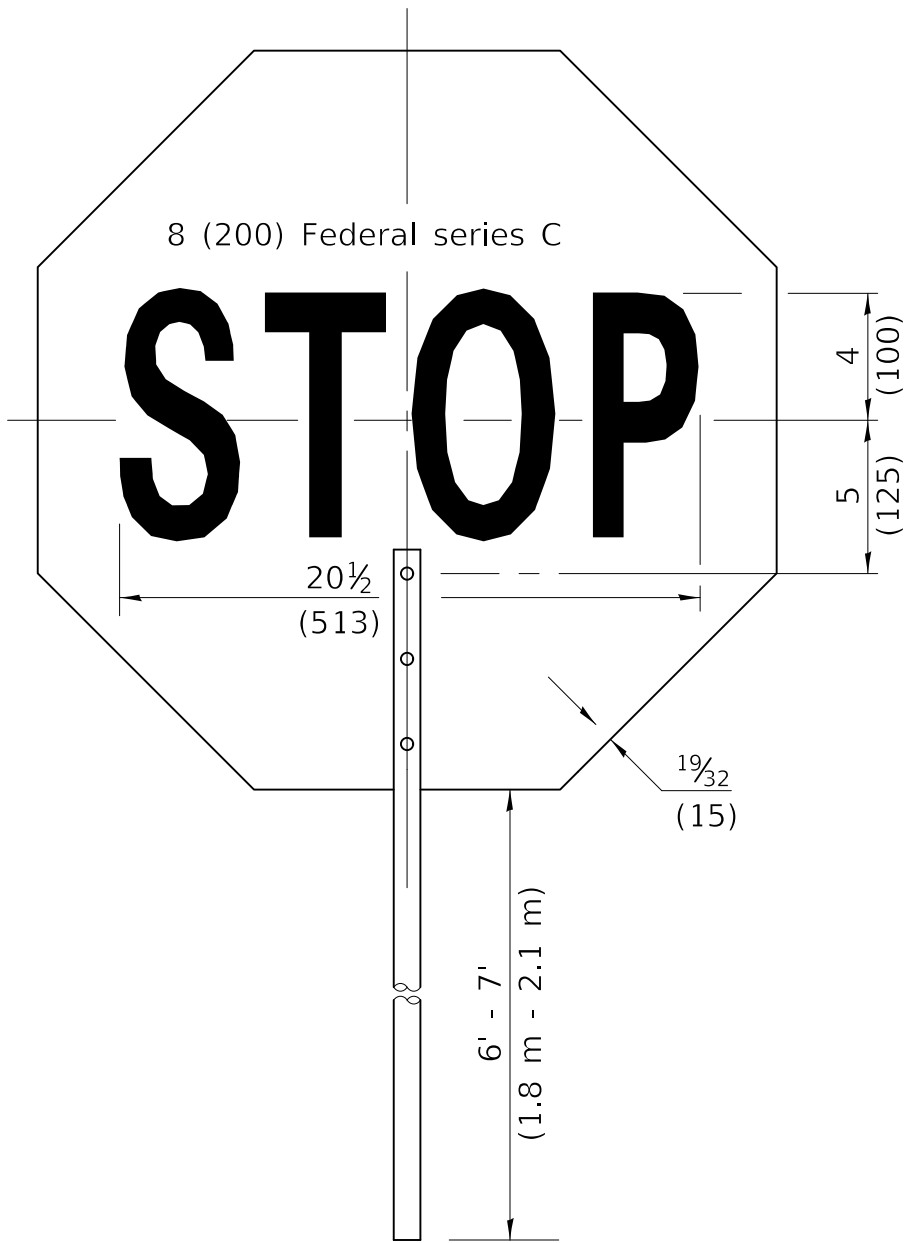
WIDTH RESTRICTION SIGN

XX'-XX" width and X miles are variable.

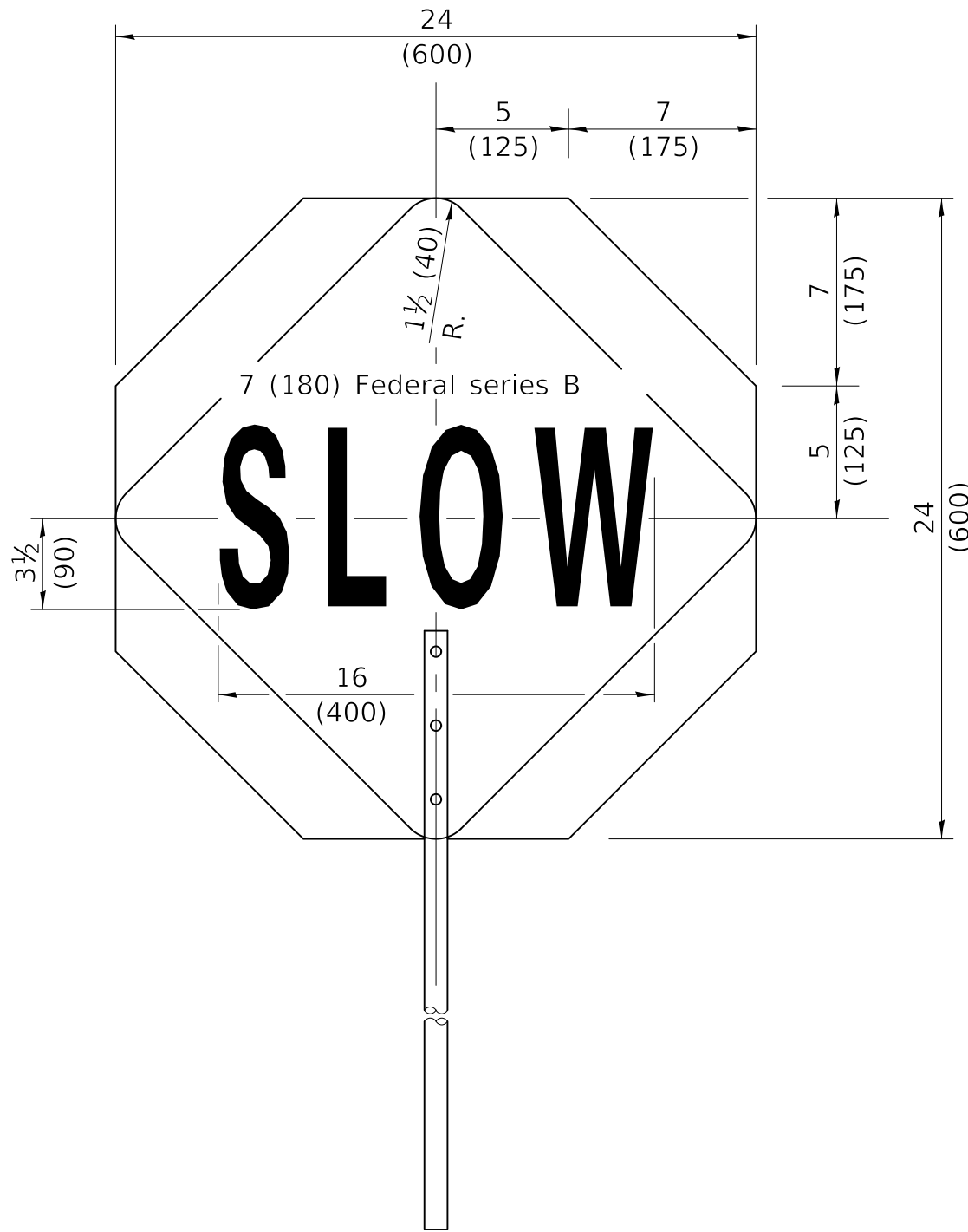


SIGNS ON TEMPORARY SUPPORTS

\*\*\* When work operations exceed four days, this dimension shall be 5' (1.5 m) min. If located behind other devices, the height shall be sufficient to be seen completely above the devices.

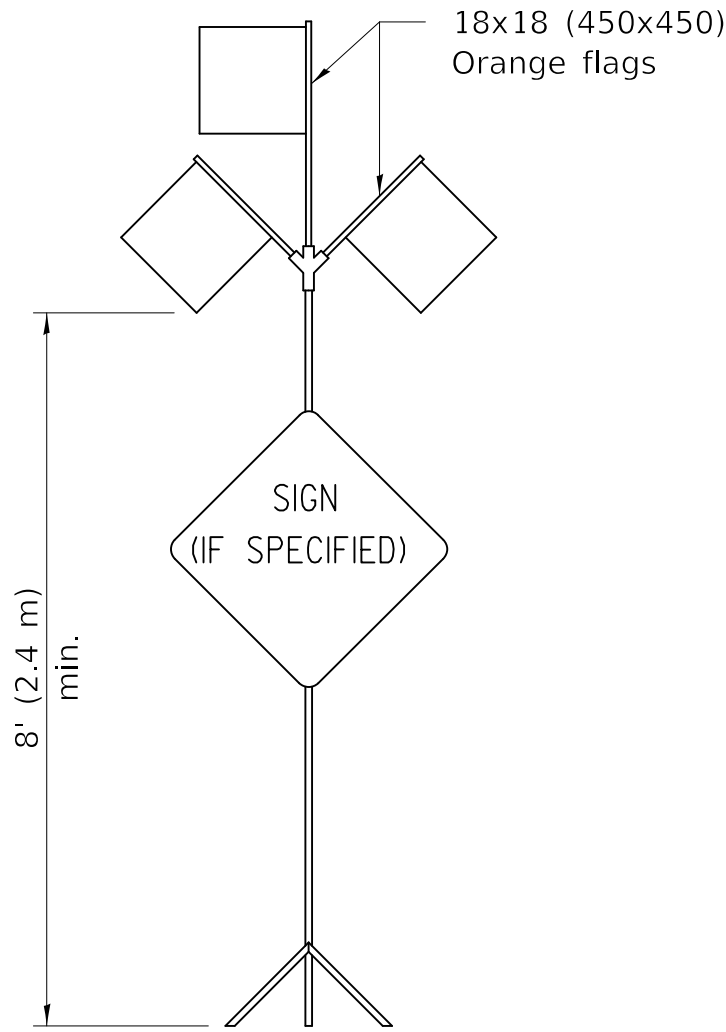


FRONT SIDE



REVERSE SIDE

FLAGGER TRAFFIC CONTROL SIGN



HIGH LEVEL WARNING DEVICE

ROAD  
CONSTRUCTION  
NEXT X MILES

END  
CONSTRUCTION

G20-I104(0)-6036

G20-I105(0)-6024

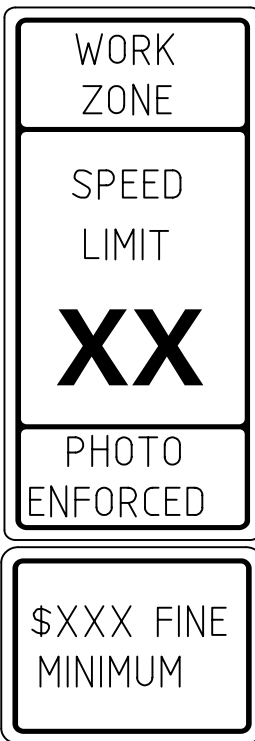
This signing is required for all projects 2 miles (3200 m) or more in length.

ROAD CONSTRUCTION NEXT X MILES sign shall be placed 500' (150 m) in advance of project limits.

END CONSTRUCTION sign shall be erected at the end of the job unless another job is within 2 miles (3200 m).

Dual sign displays shall be utilized on multi-lane highways.

WORK LIMIT SIGNING



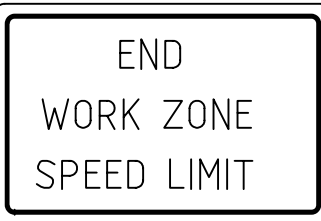
W21-III5(0)-3618

R2-1-3648

R10-I108p-3618 \*\*\*\*

R2-I106p-3618

Sign assembly as shown on Standards or as allowed by District Operations.



G20-I103-6036

This sign shall be used when the above sign assembly is used.

HIGHWAY CONSTRUCTION  
SPEED ZONE SIGNS

\*\*\*\* R10-I108p shall only be used along roadways under the jurisdiction of the State.

TRAFFIC CONTROL  
DEVICES

(Sheet 2 of 3)

STANDARD 701901-07

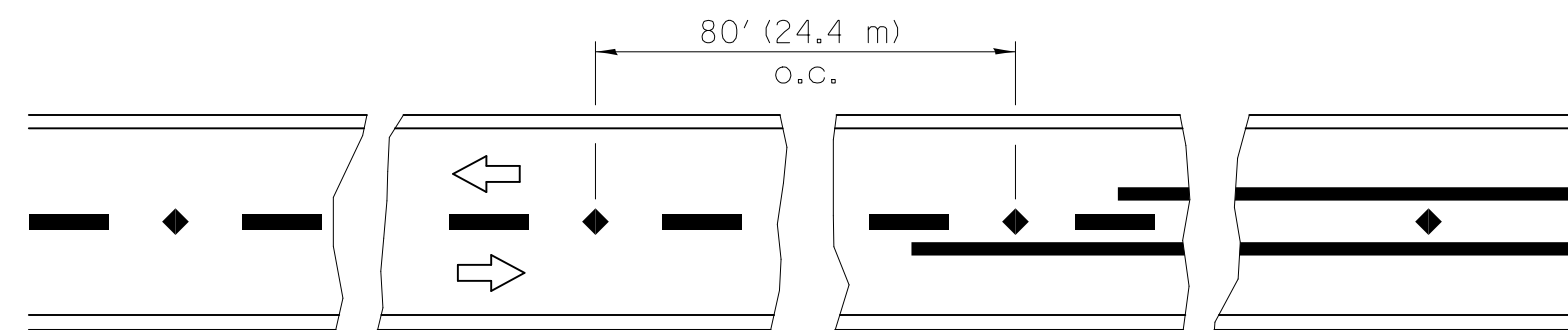
Illinois Department of Transportation	
APPROVED January 11, 2018	ISSUED 1-1-97
ENGINEER OF OPERATIONS	
APPROVED January 11, 2018	
ENGINEER OF DESIGN AND ENVIRONMENT	

REVISIONS			
NO.	BY	DATE	DESCRIPTION



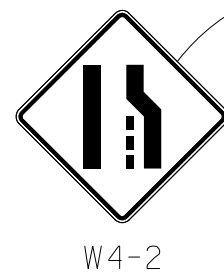
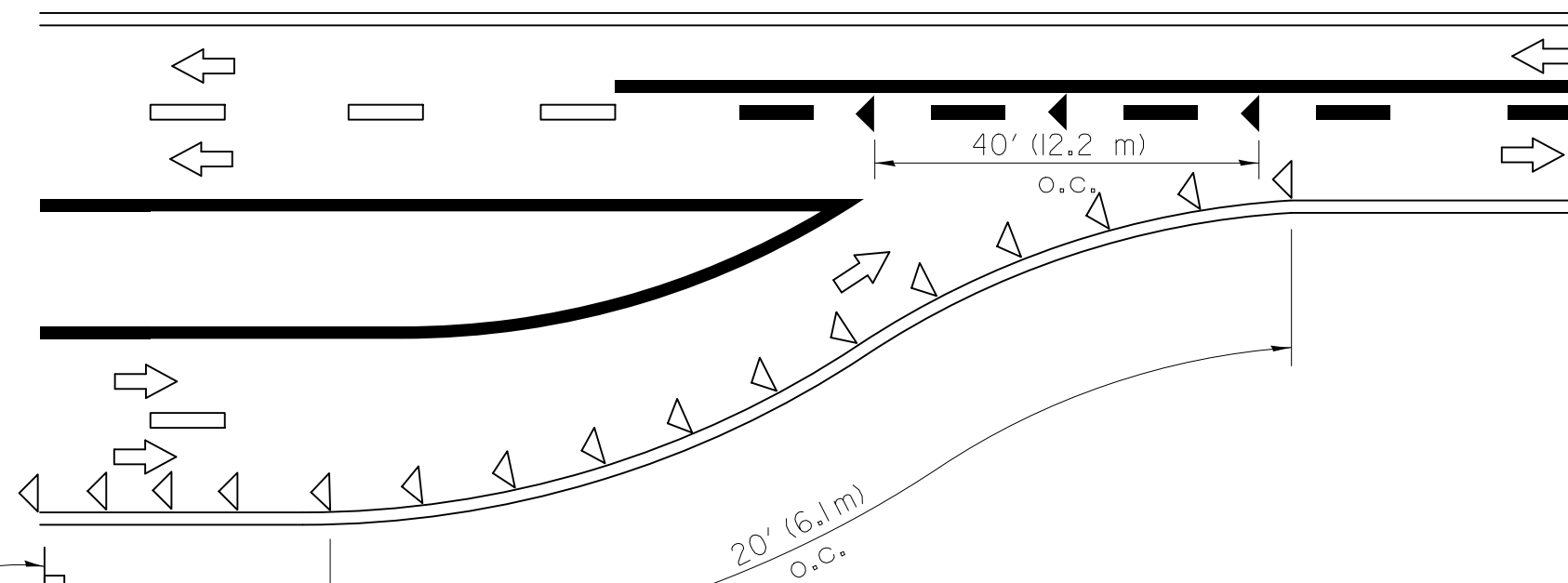




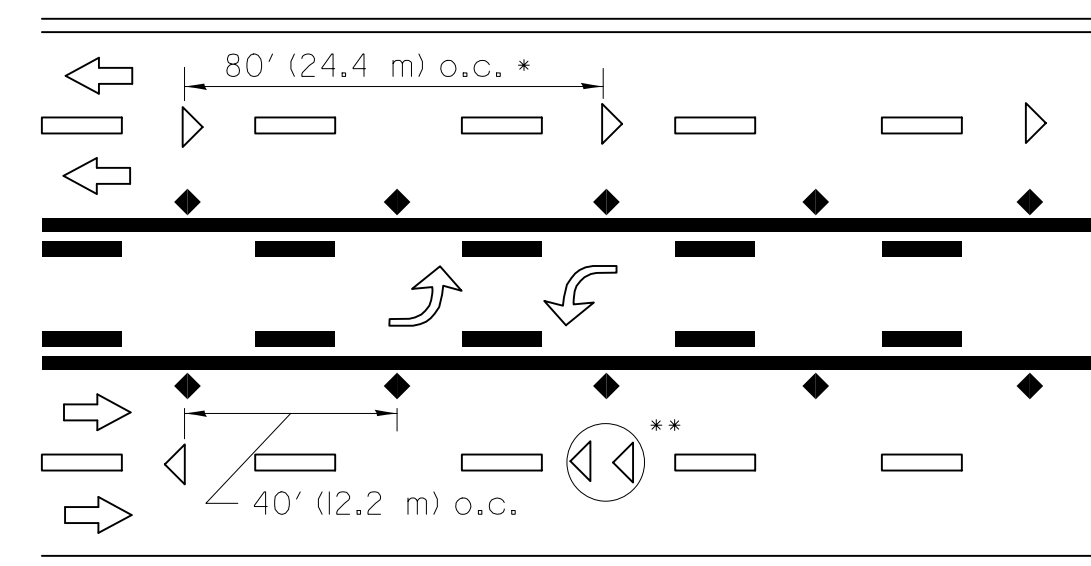


Reduce to 40' (12.2 m) o.c. on curves with posted or advisory speeds of 45 mph (70 km/h) or less.

### TWO-LANE /TWO-WAY

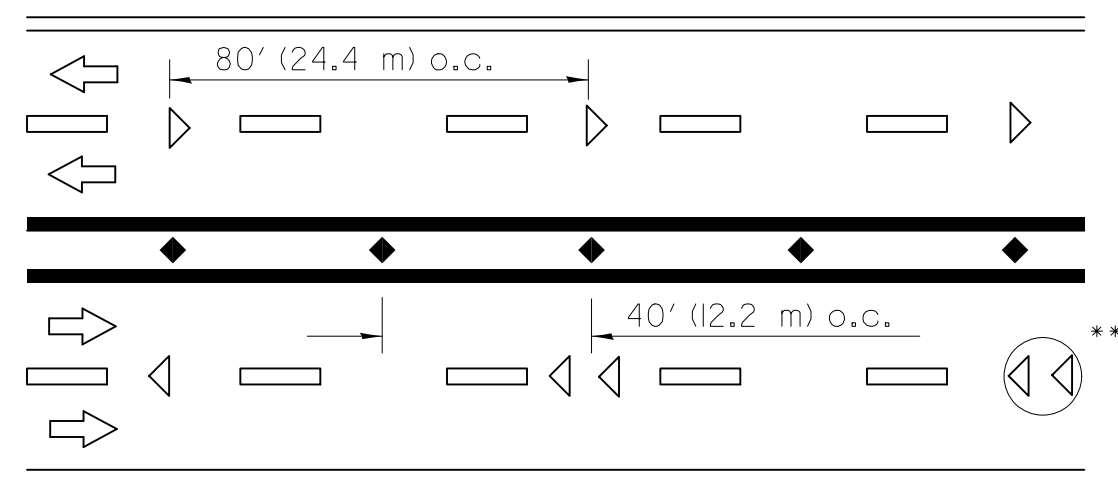


### LANE REDUCTION TRANSITION



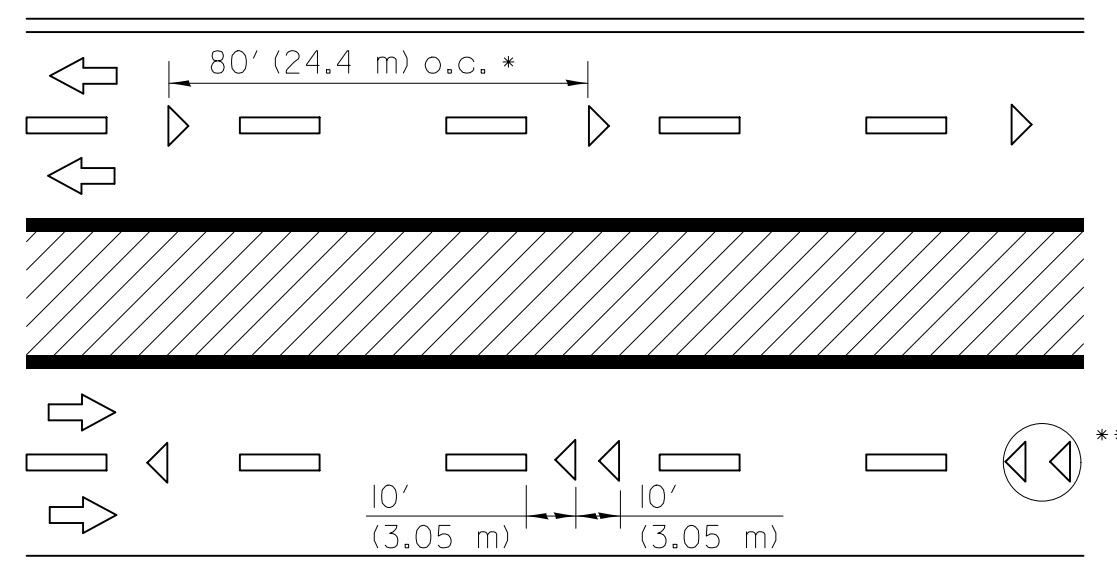
\*\*\* See MULTILANE DIVIDED detail for lane marker notes.

### TWO-WAY LEFT TURN



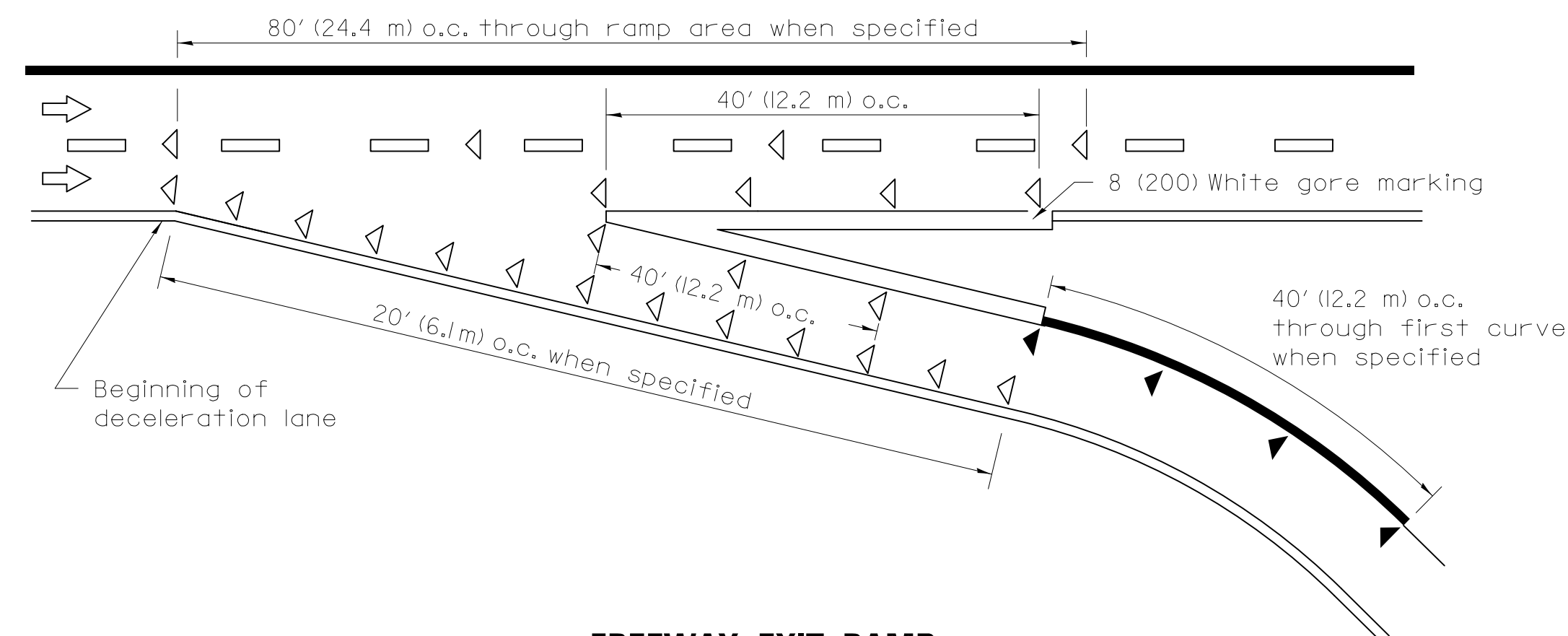
\*\*\* See MULTILANE DIVIDED detail for lane marker notes.

### MULTI-LANE UNDIVIDED

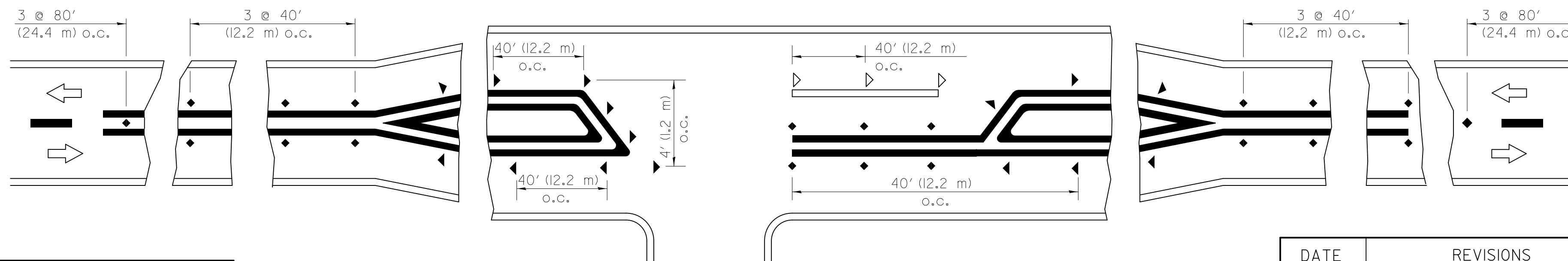


\* Reduce to 40' (12.2 m) o.c. on curves where advisory speeds are 10 mph (15 km/h) lower than posted speeds.  
\*\* Where double lane line markers are specified, they shall be spaced as shown.

### MULTI-LANE DIVIDED



### FREEWAY EXIT RAMP



### RURAL LEFT TURN

### SYMBOLS

- Yellow stripe
- White stripe
- One-way amber marker
- One-way crystal marker
- Two-way amber marker

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

Illinois Department of Transportation

APPROVED April 11, 2016  
ENGINEER OF OPERATIONS

APPROVED April 11, 2016  
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
4-1-16	Revised LANE ENDS sign
	W4-2 to agree with current MUTCD.
1-1-09	Switched units to English (metric).

## **TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS**

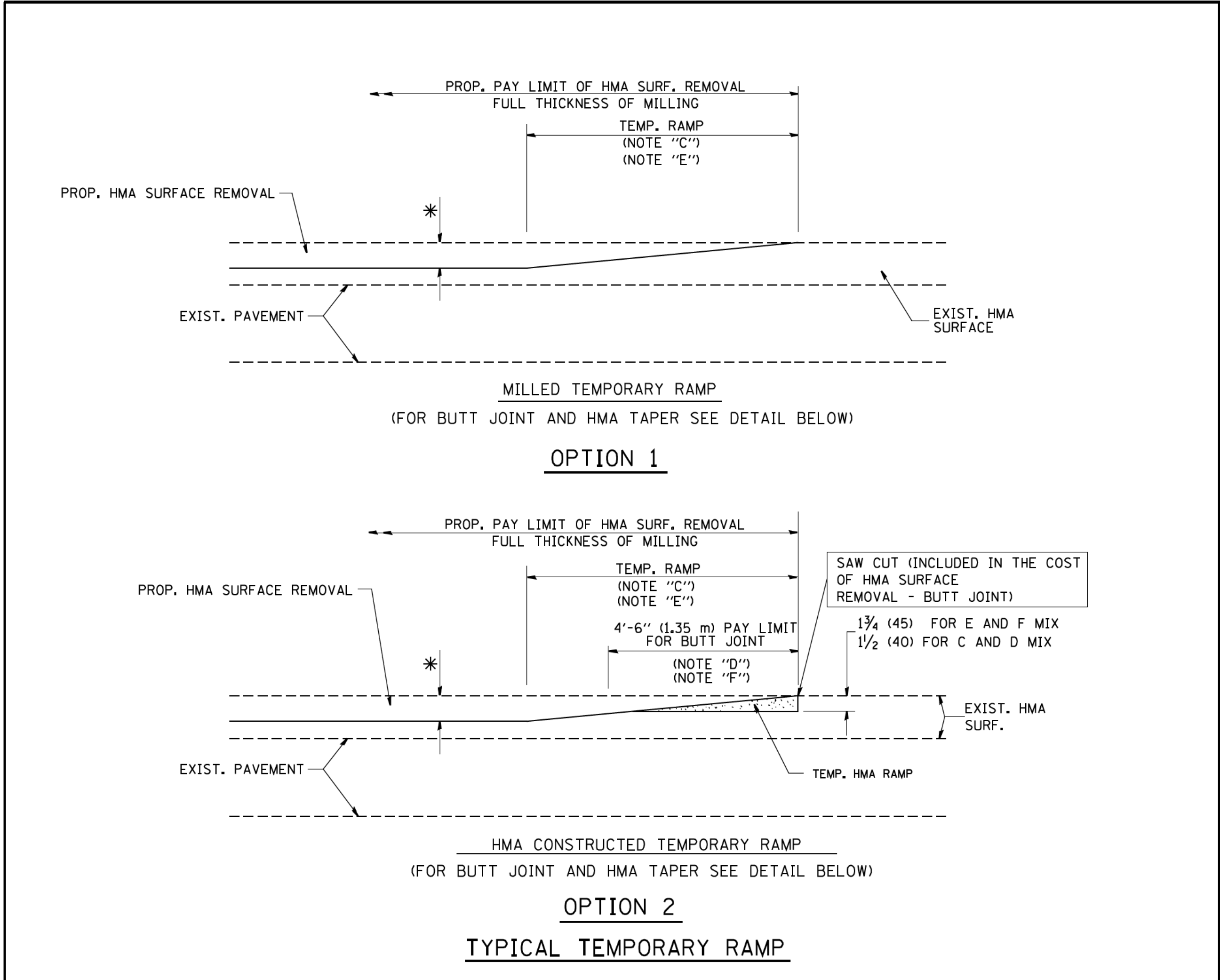
**STANDARD 781001-04**

REVISIONS			
NO.	BY	DATE	DESCRIPTION















TURN BAY ENTRANCE AT START  
OF LANE CLOSURE TAPER

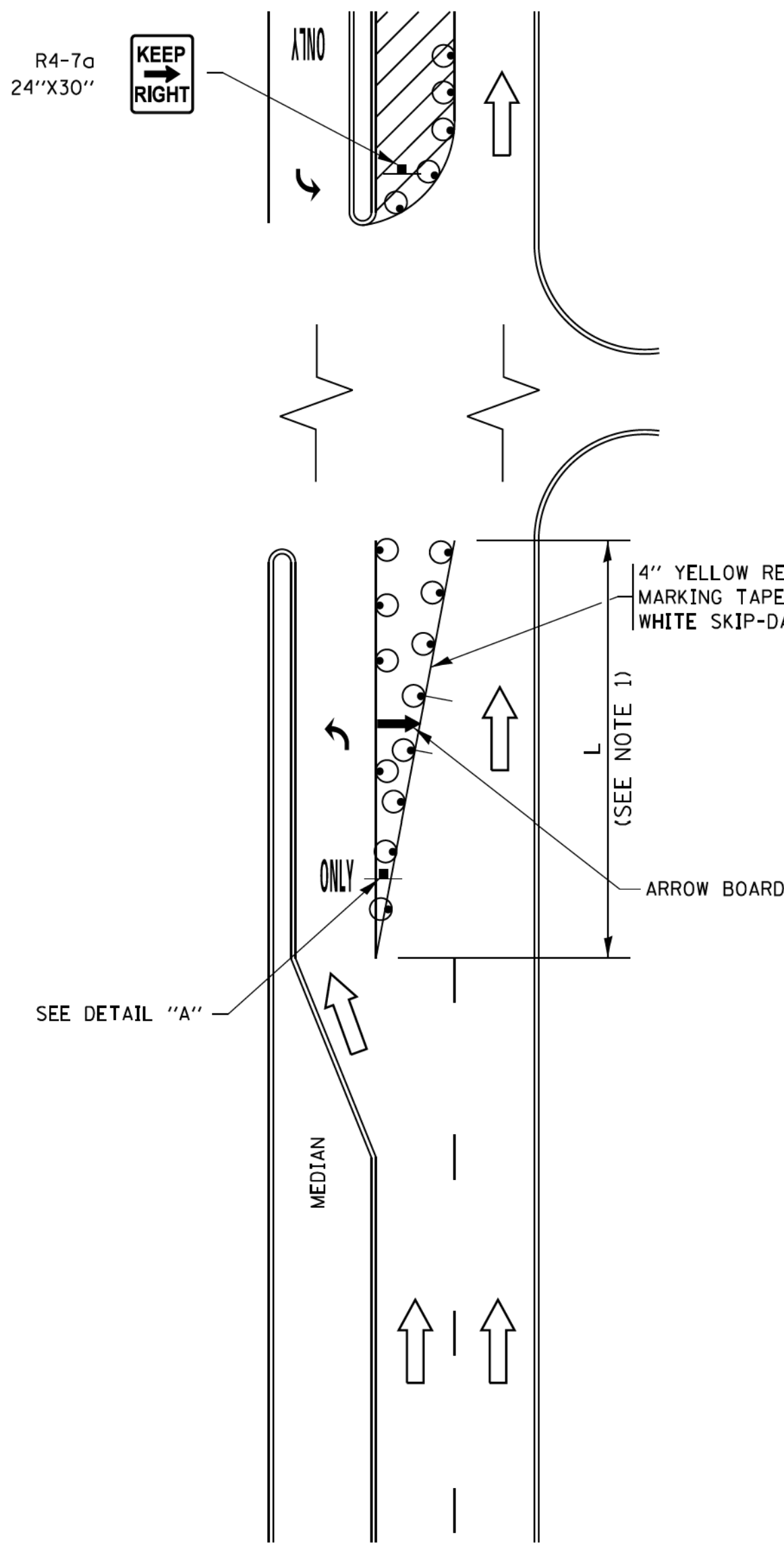
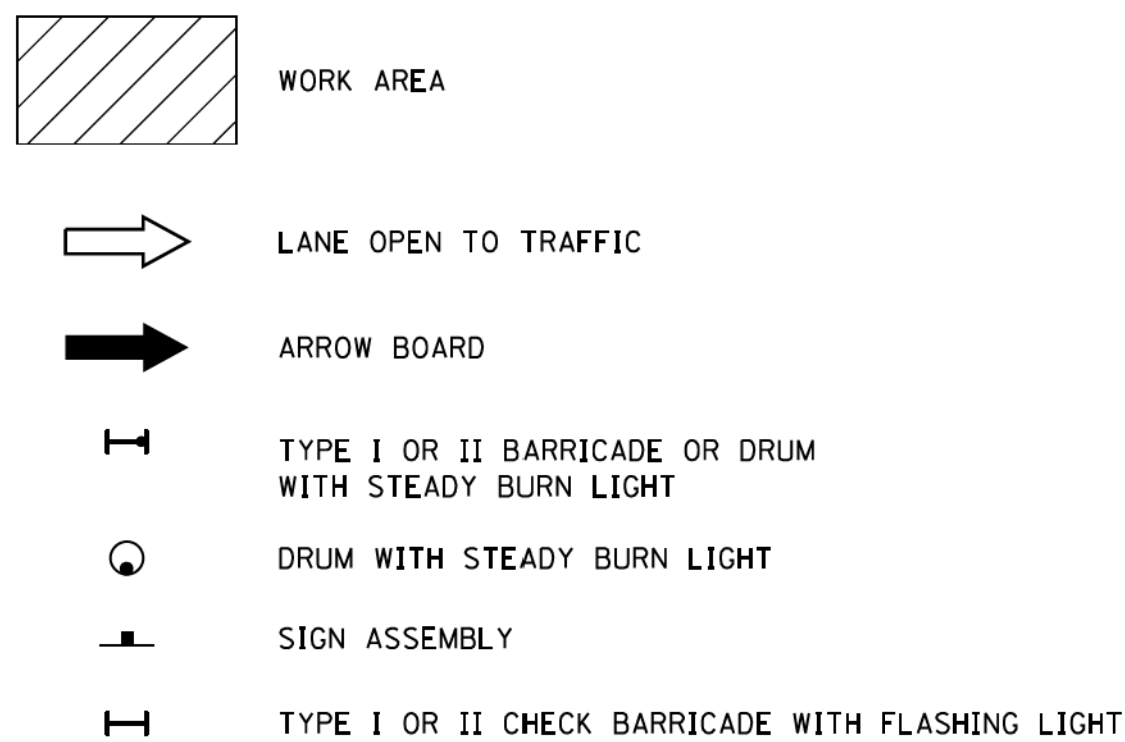


FIGURE 1

LEGEND



NOTES:

- A) WHEN "L" IS  $\leq$  THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.  
B) WHEN "L" IS  $>$  THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
- CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
- LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
- REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
- THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-1100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
- THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
- THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.
- TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

TURN BAY ENTRANCE  
WITHIN A LANE CLOSURE

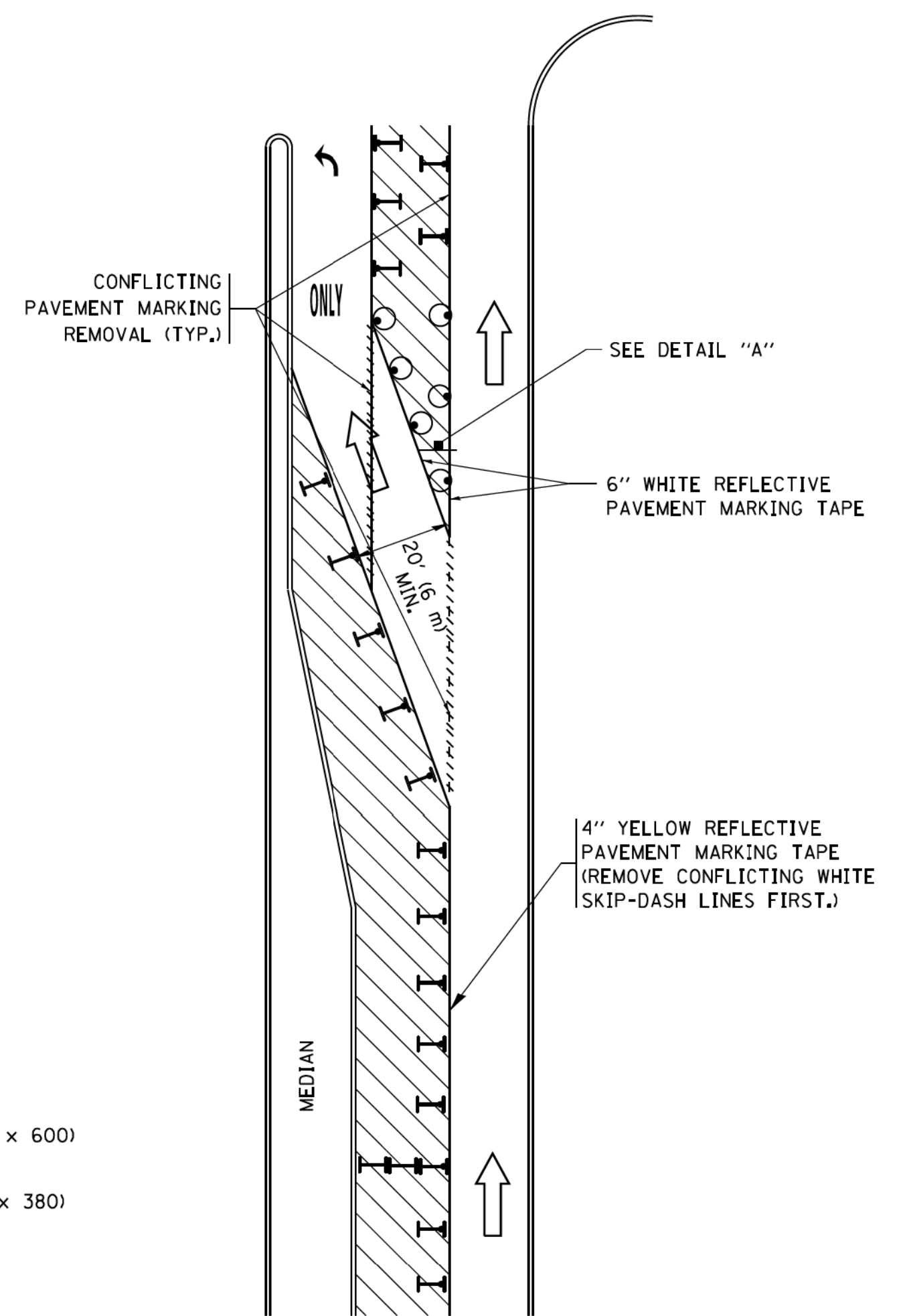
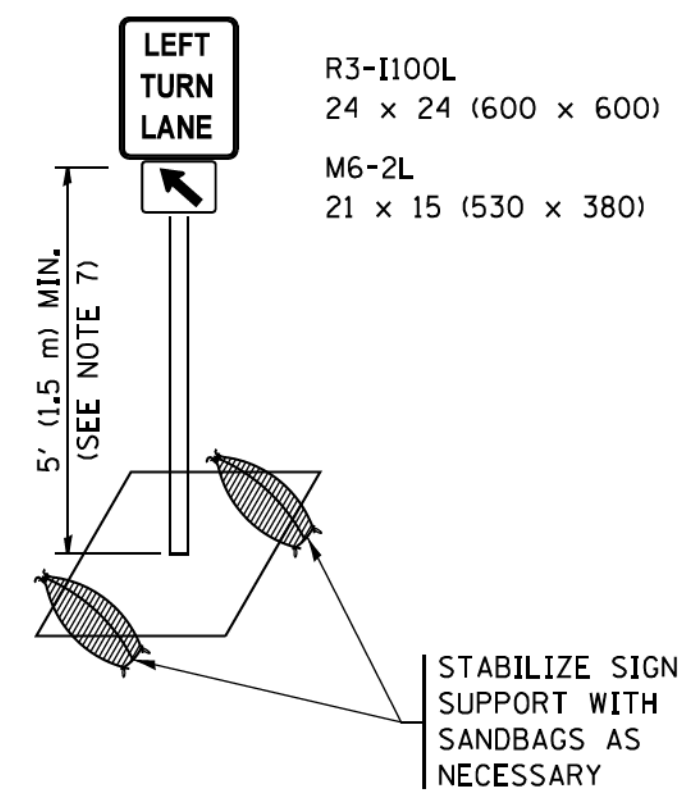


FIGURE 2



DETAIL A

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

FILE NAME =	USER NAME = footej	REVISED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
pc\IL084EBID\TEG\Illinois\gov\FWIDOT\Documents\IDOT Offices\District 1\Projects\Dist	REVISED - A. HOUSEH 07-07-95	REVISED - A. SCHUETZE 07-01-13	REVISED - A. SCHUETZE 07-01-13									
PLOT SCALE = 50,0000' / in.	REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16	REVISED - A. SCHUETZE 09-15-16									
Default	PLOT DATE = 9/15/2016	REVISED - T. RAMMACHER 01-06-00	REVISED -									
						SCALE: NONE	SHEET 1	OF 1	SHEETS	STA. TO STA.		
						TC-14						
						ILLINOIS FED. AID PROJECT						

REVISIONS			
NO.	BY	DATE	DESCRIPTION





1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)  
UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = gegljanobt	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN				F.A. . RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
W:\dststd\22x34\tc22.dgn		DRAWN -	REVISED - R. MIRS 12-11-97										
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99						TC-22		CONTRACT NO.		
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07										
					SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

## STANDARD DETAILS

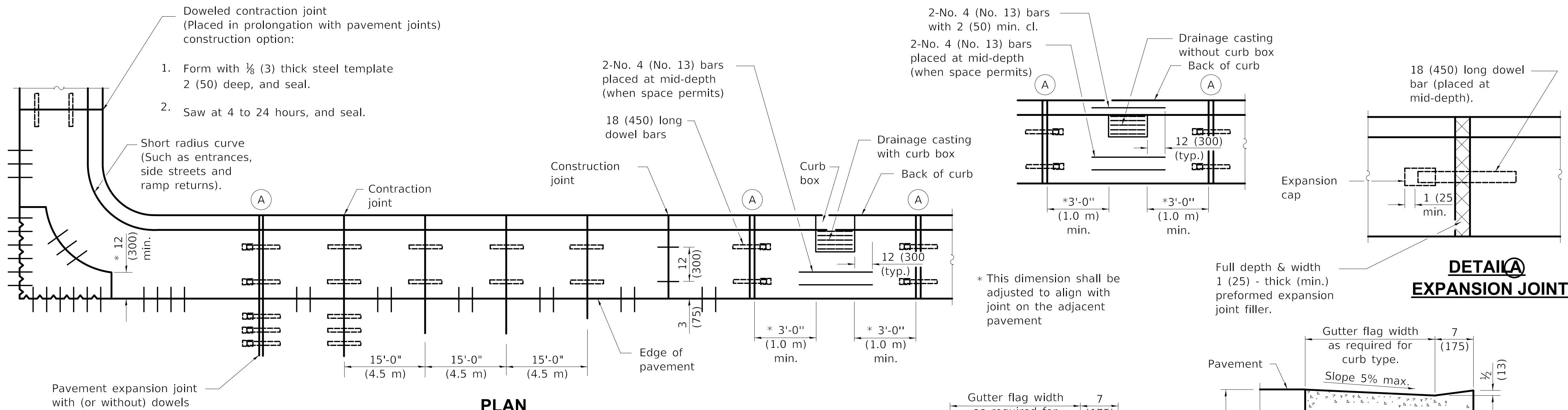
IDOT STANDARD DETAILS

SCALE: N.T.S.

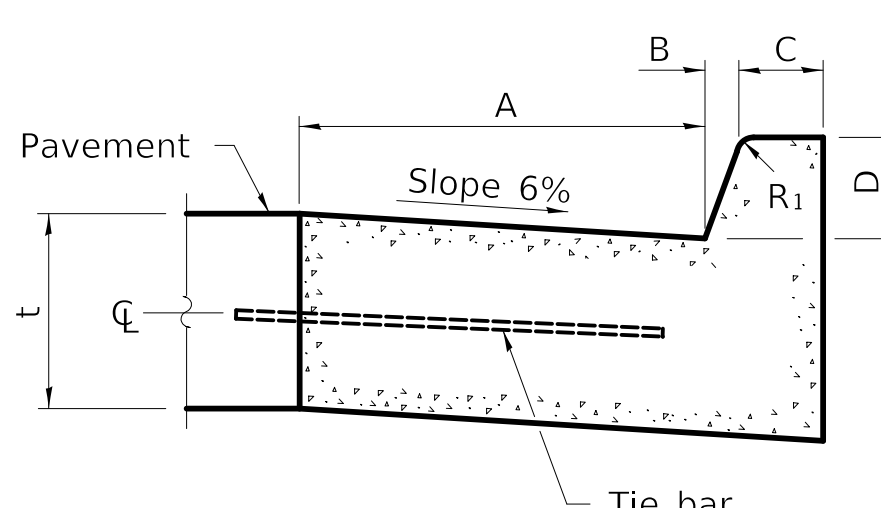
SHEET NO.  
116

DATE:01/12/18





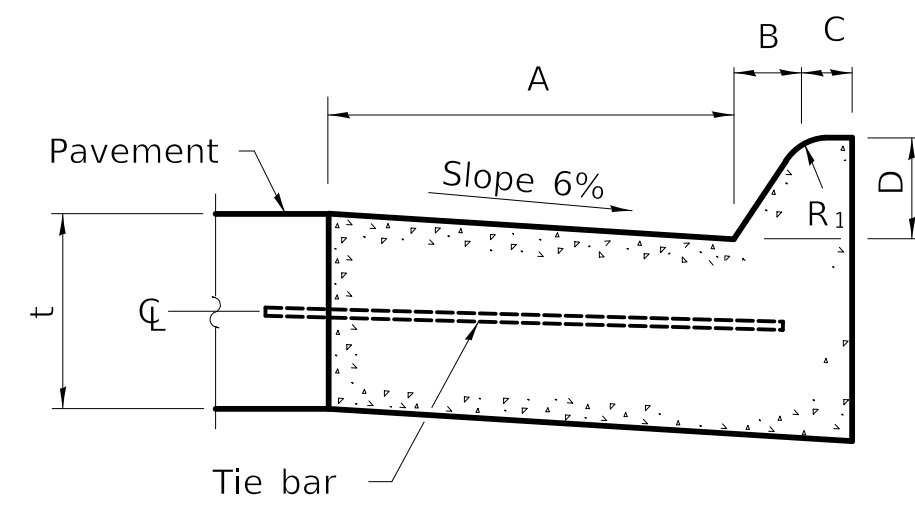
**PLAN**  
**ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE**



**BARRIER CURB**

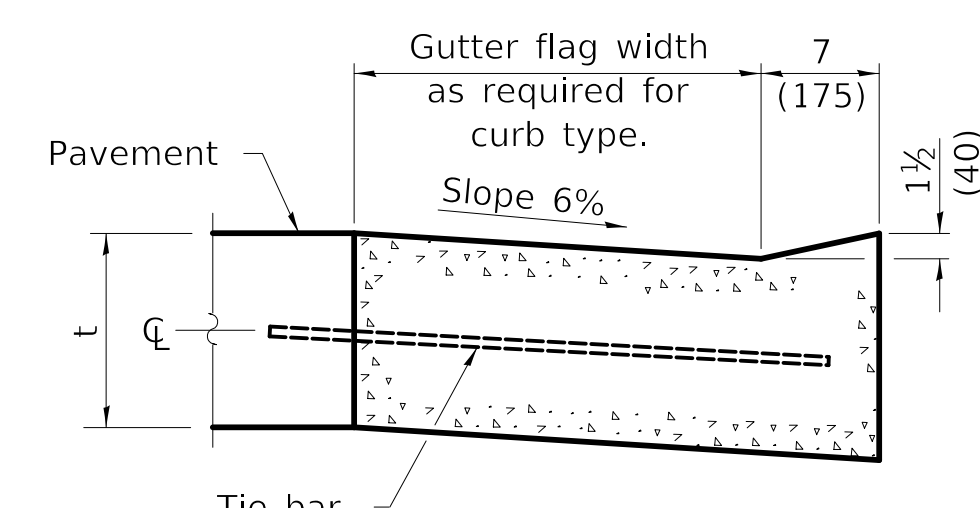
TABLE OF DIMENSIONS BARRIER CURB					
TYPE	A	B	C	D	R <sub>1</sub>
B-6.06 *	6	1	6	6	1
(B-15.15)	(150)	(25)	(150)	(150)	(25)
B-6.12	12	1	6	6	1
(B-15.3)	(300)	(25)	(150)	(150)	(25)
B-6.18	18	1	6	6	1
(B-15.45)	(450)	(25)	(150)	(150)	(25)
B-6.24	24	1	6	6	1
(B-15.60)	(600)	(25)	(150)	(150)	(25)
B-9.12	12	2	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.

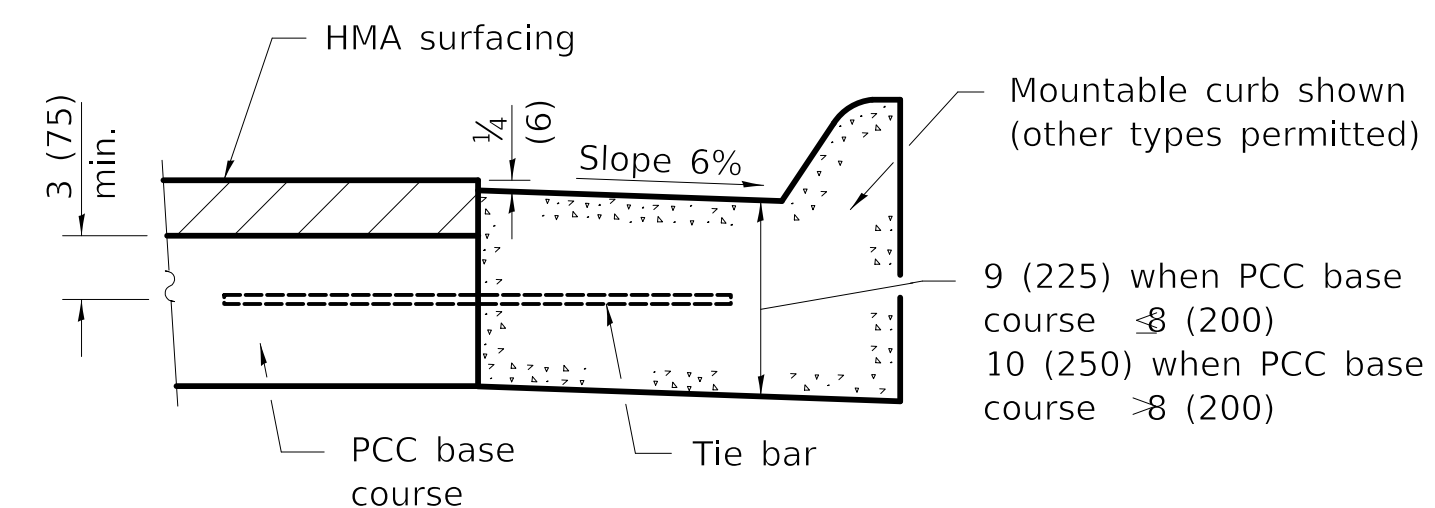


**MOUNTABLE CURB**

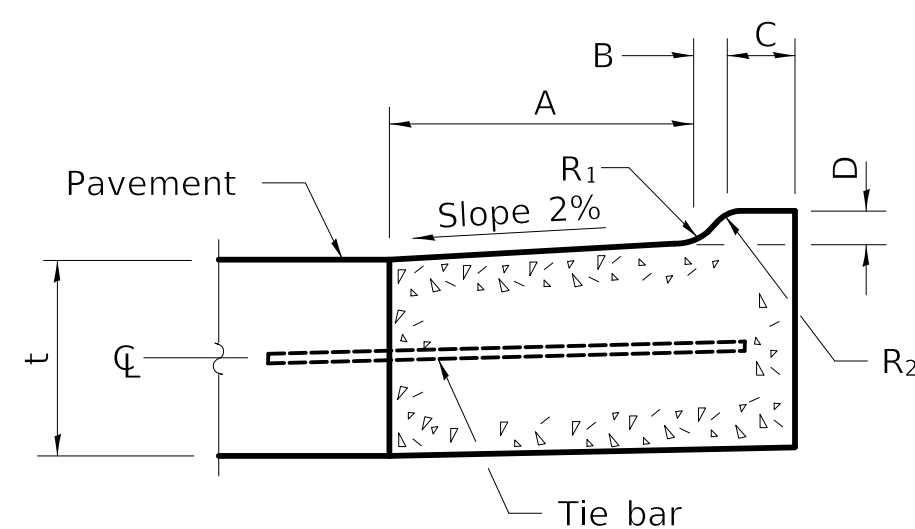
TABLE OF DIMENSIONS MOUNTABLE CURB							
TYPE	A	B	C	D	R <sub>1</sub>	R <sub>2</sub>	
M-2.06	6	2	4	2	3	2	
(M-5.15)	(150)	(50)	(100)	(50)	(75)	(50)	
M-2.12	12	2	4	2	3	2	
(M-5.30)	(300)	(50)	(100)	(50)	(75)	(50)	
M-4.06	6	4	3	4	3		
(M-10.15)	(150)	(100)	(75)	(100)	(75)		NA
M-4.12	12	4	3	4	3		
(M-10.30)	(300)	(100)	(75)	(100)	(75)		NA
M-4.18	18	4	3	4	3		
(M-10.45)	(450)	(100)	(75)	(100)	(75)		NA
M-4.24	24	4	3	4	3		
(M-10.60)	(600)	(100)	(75)	(100)	(75)		NA
M-6.06	6	6	2	6	2		
(M-15.15)	(150)	(150)	(50)	(150)	(50)		NA
M-6.12	12	6	2	6	2		
(M-15.30)	(300)	(150)	(50)	(150)	(50)		NA
M-6.18	18	6	2	6	2		
(M-15.45)	(450)	(150)	(50)	(150)	(50)		NA
M-6.24	24	6	2	6	2		
(M-15.60)	(600)	(150)	(50)	(150)	(50)		NA



**DEPRESSED CURB (TYPICAL)**

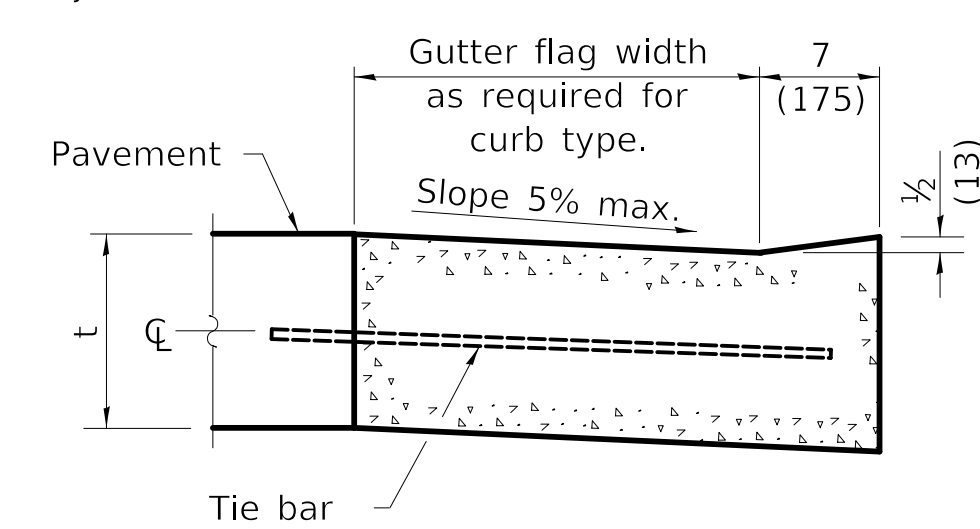


**ADJACENT TO PCC BASE COURSE  
WITH HMA SURFACING**



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

**DETAIL A  
EXPANSION JOINT**



**DEPRESSED CURB ADJACENT  
TO CURB RAMP ACCESSIBLE  
TO THE DISABLED**

**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.

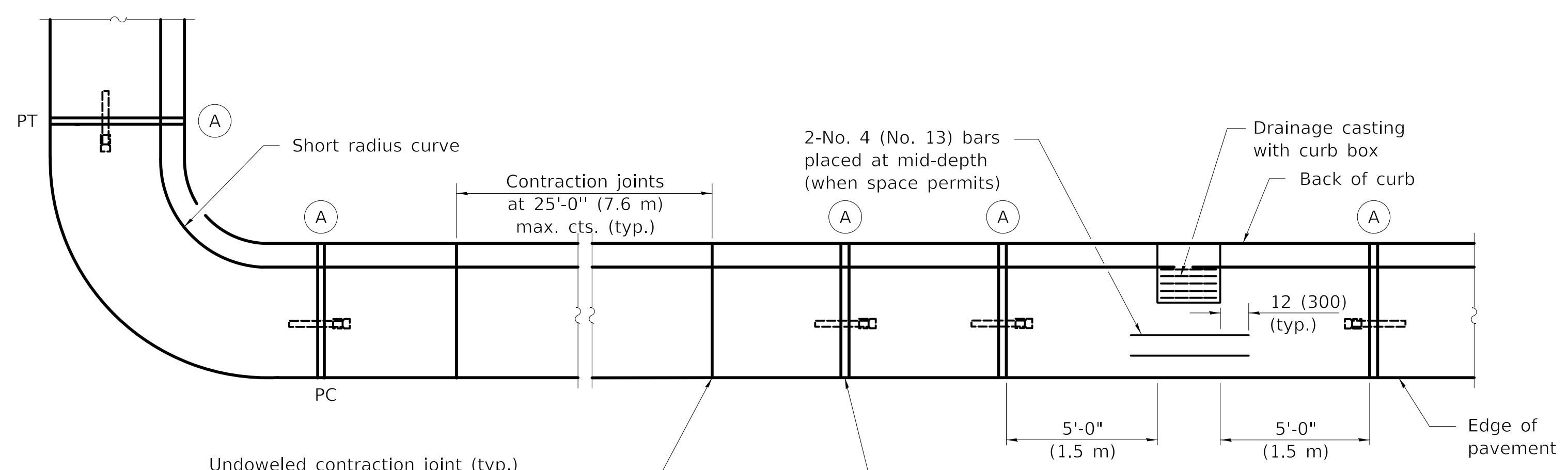
All dimensions are in inches (millimeters) unless otherwise shown.

**CONCRETE CURB TYPE B  
AND COMBINATION  
CONCRETE CURB AND GUTTER**  
(Sheet 1 of 2)

**STANDARD 606001-07**

REVISIONS			
NO.	BY	DATE	DESCRIPTION

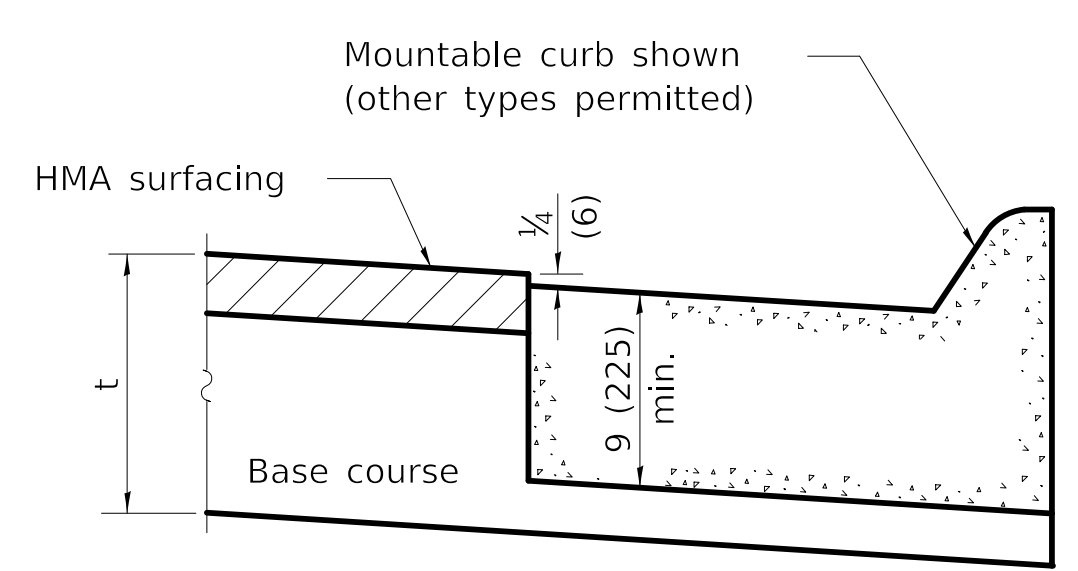




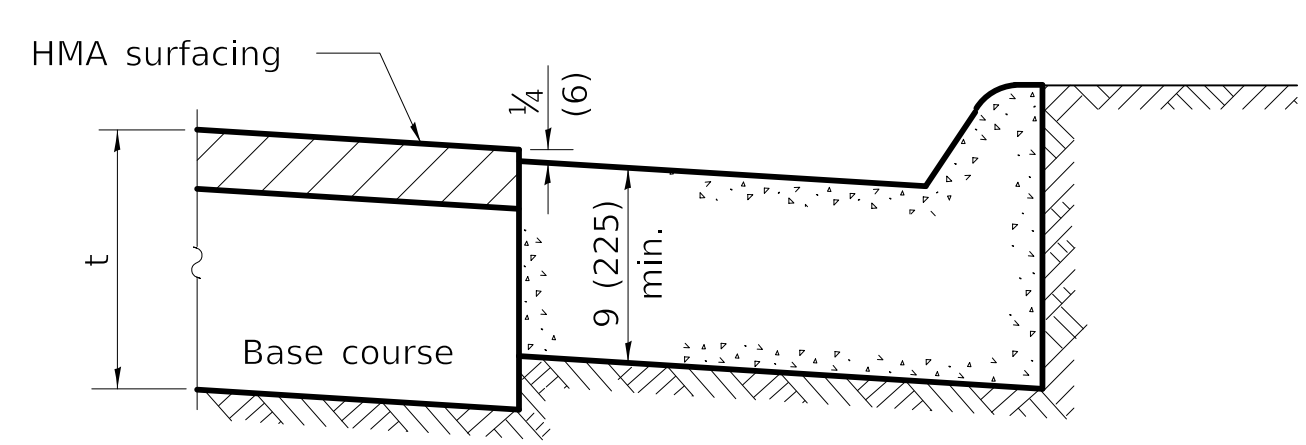
Undoweled contraction joint (typ.) construction options:

1. Form with  $\frac{1}{8}$  (3) thick steel template 2 (50) deep, and seal.
2. Saw 2 (50) deep at 4 to 24 hours, and seal.
3. Insert  $\frac{3}{4}$  (20) thick preformed joint filler full depth and width.

**PLAN**

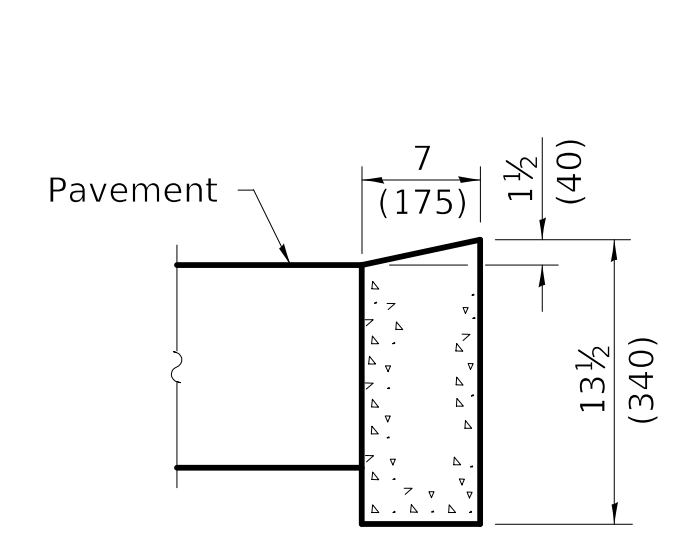


**ON DISTURBED SUBGRADE**

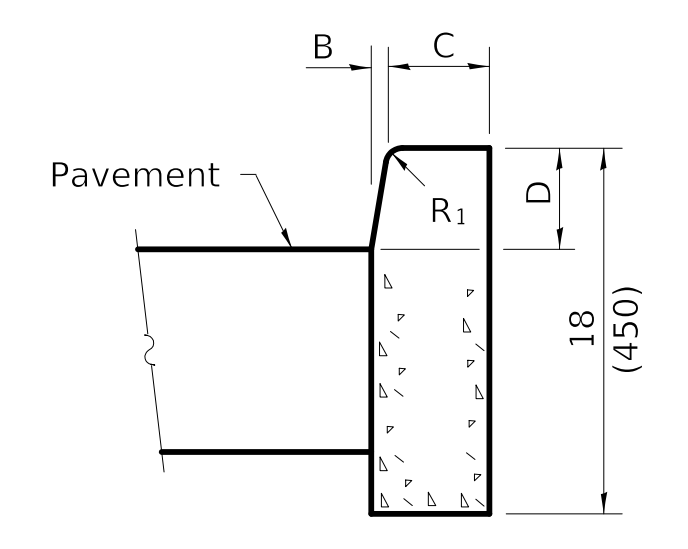


**ON UNDISTURBED SUBGRADE**

**ADJACENT TO FLEXIBLE PAVEMENT**

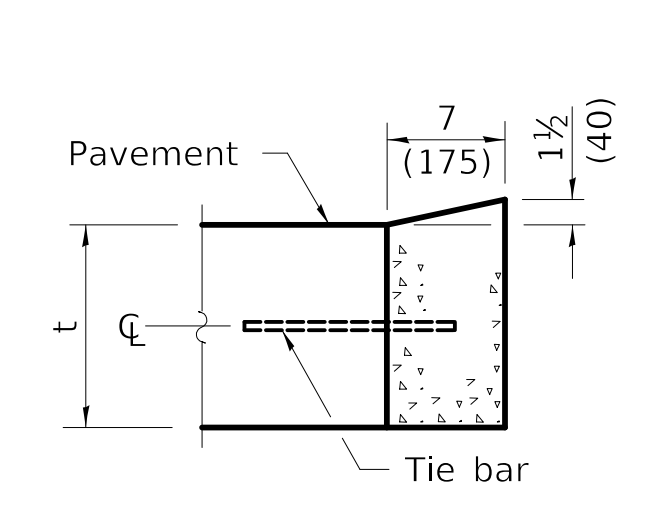


**DEPRESSED CURB**

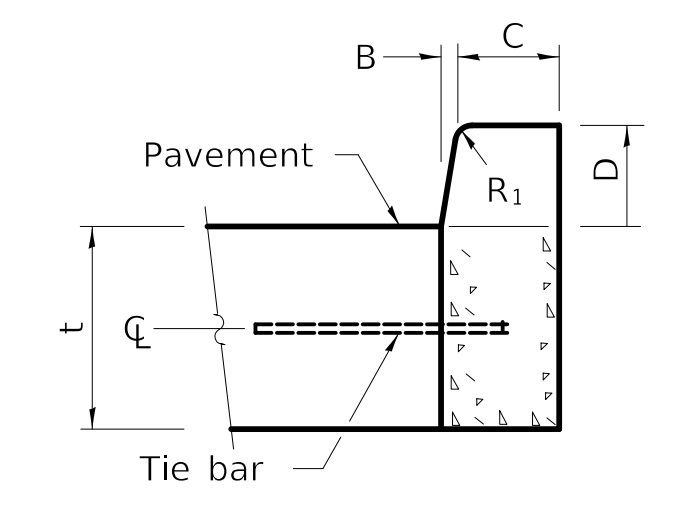


**BARRIER CURB**

**ADJACENT TO FLEXIBLE PAVEMENT**



**DEPRESSED CURB**



**BARRIER CURB**

**ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE**

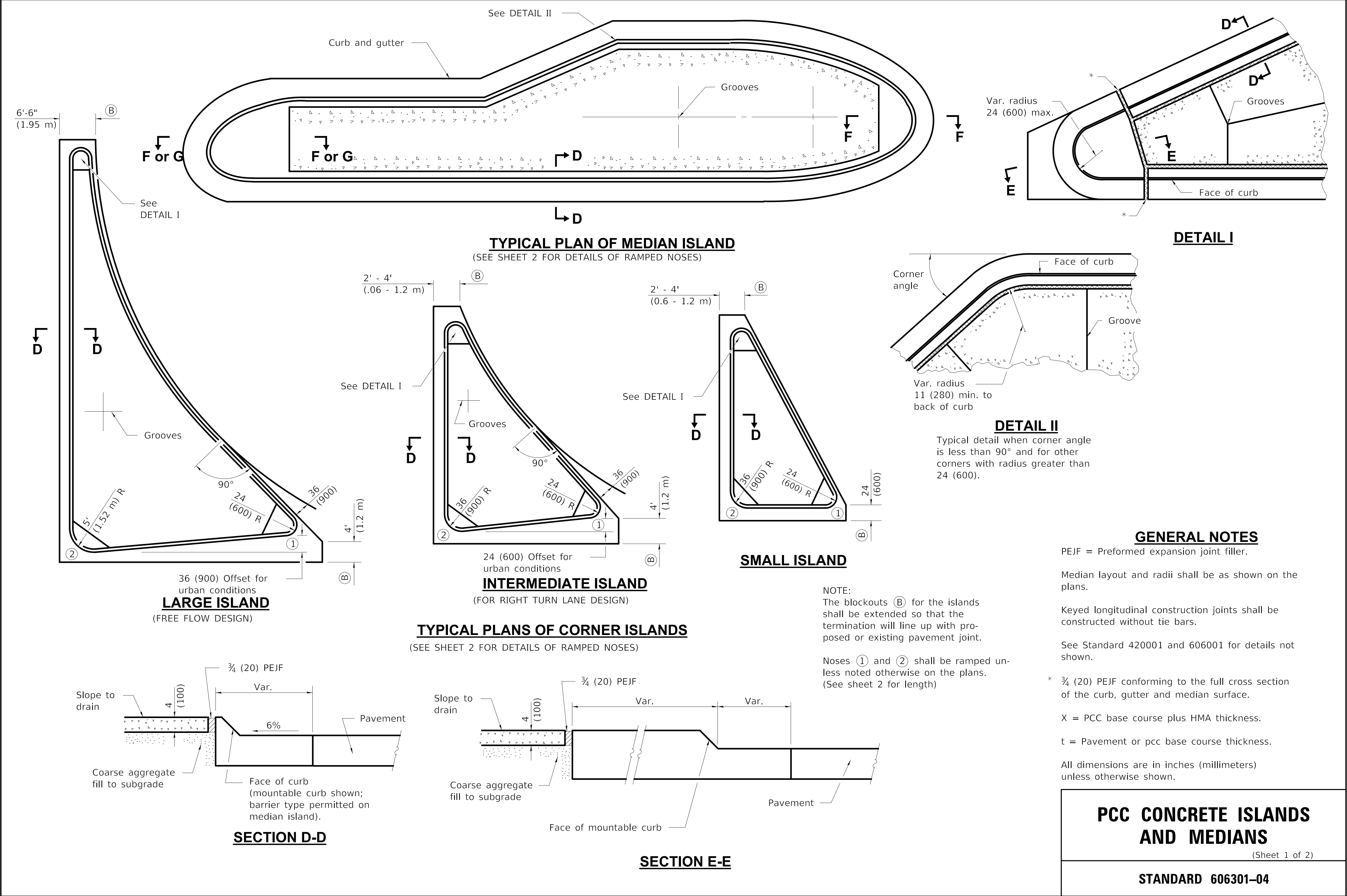
**CONCRETE CURB TYPE B**

**CONCRETE CURB TYPE B  
AND COMBINATION  
CONCRETE CURB AND GUTTER**  
(Sheet 2 of 2)

**STANDARD 606001-07**

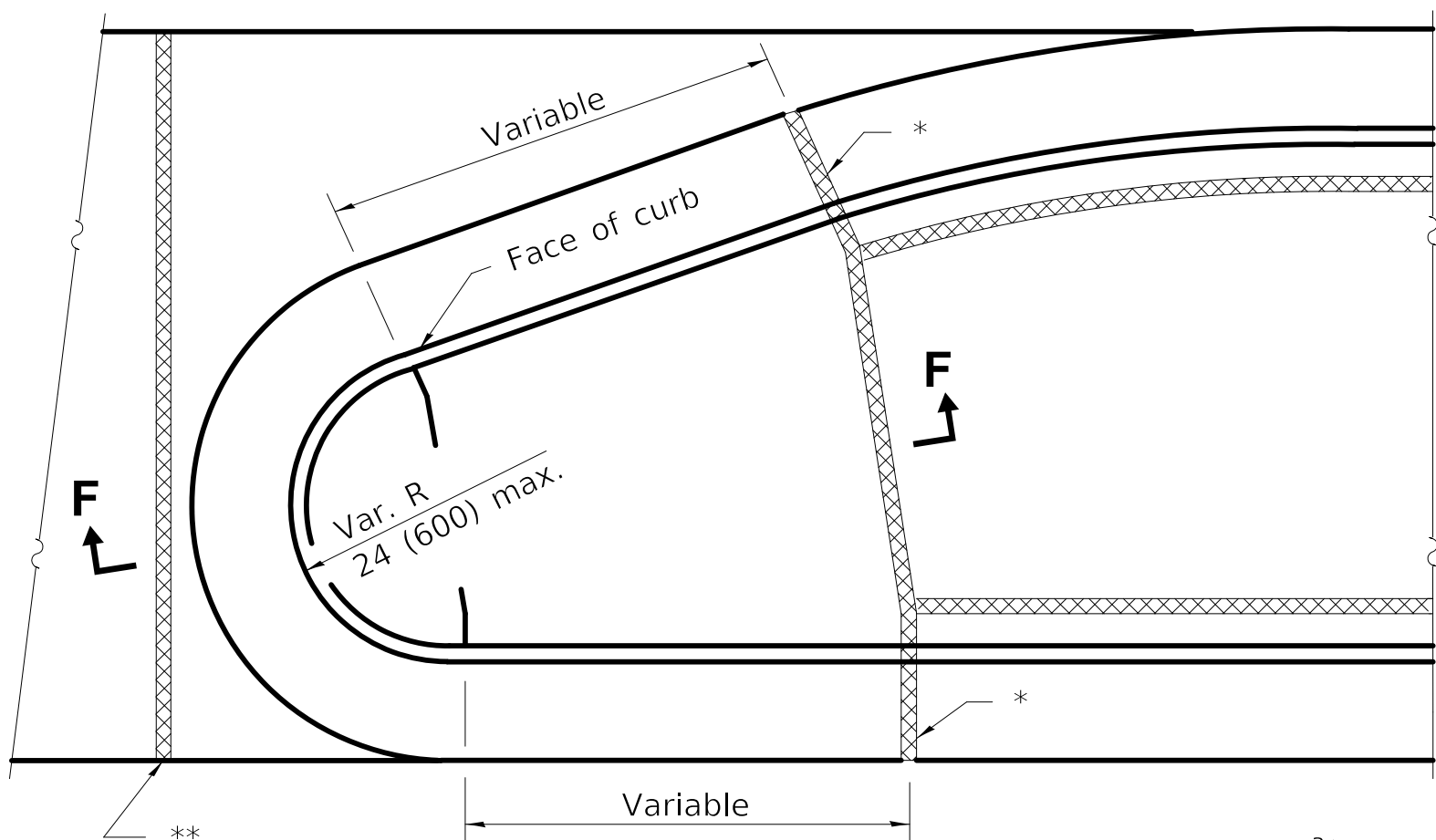
REVISIONS			
NO.	BY	DATE	DESCRIPTION



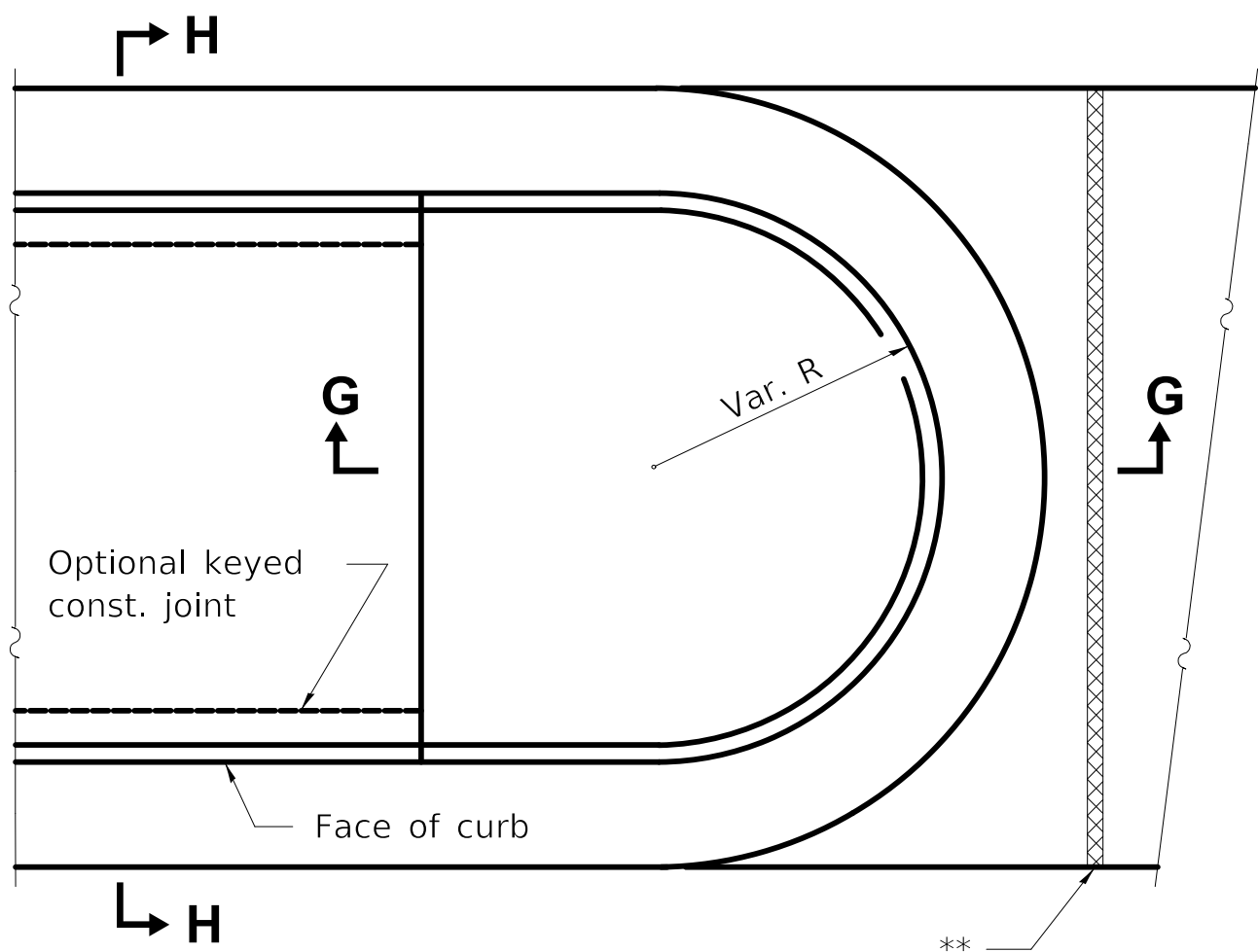


REVISIONS			
NO.	BY	DATE	DESCRIPTION





**TYPE P MEDIAN SURFACE**

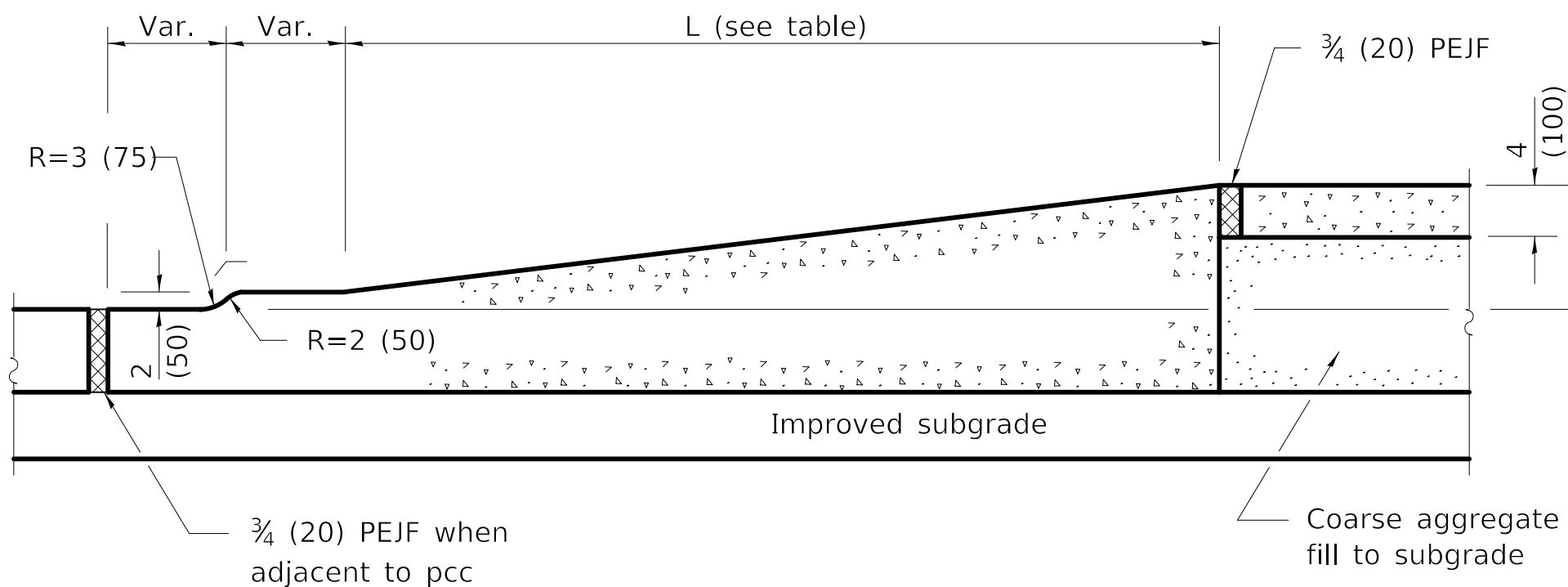


**SOLID MEDIAN**

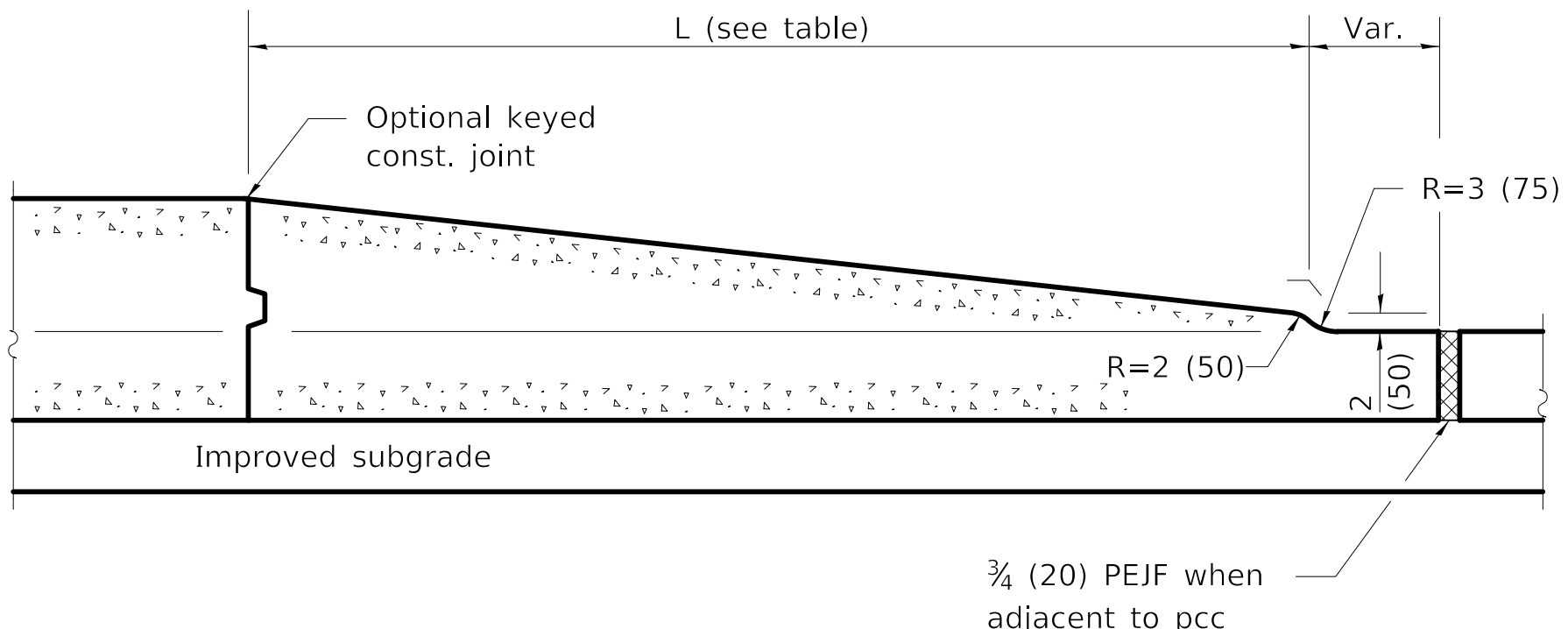
TABLE OF DIMENSIONS					
TYPE SB MEDIANS					
TYPE	A	B	C	D	R <sub>1</sub>
SB-6.06	6	1	6	6	1
(SB-15.15)	(150)	(25)	(150)	(150)	(25)
SB-6.12	12	1	6	6	1
(SB-15.30)	(300)	(25)	(150)	(150)	(25)
SB-6.18	18	1	6	6	1
(SB-15.45)	(450)	(25)	(150)	(150)	(25)
SB-6.24	24	1	6	6	1
(SB-15.60)	(600)	(25)	(150)	(150)	(25)
SB-9.06	6	2	5	9	1
(SB-22.15)	(150)	(50)	(125)	(225)	(25)
SB-9.12	12	2	5	9	1
(SB-22.30)	(300)	(50)	(125)	(225)	(25)
SB-9.18	18	2	5	9	1
(SB-22.45)	(450)	(50)	(125)	(225)	(25)
SB-9.24	24	2	5	9	1
(SB-22.60)	(600)	(50)	(125)	(225)	(25)

TABLE OF DIMENSIONS					
TYPE M AND SM MEDIANS					
TYPE	A	B	C	D	R <sub>1</sub>
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)
SM-4.06	6	4	3	4	3
(SM-10.15)	(150)	(100)	(75)	(100)	(75)
SM-4.12	12	4	3	4	3
(SM-10.30)	(300)	(100)	(75)	(100)	(75)
SM-4.18	18	4	3	4	3
(SM-10.45)	(450)	(100)	(75)	(100)	(75)
SM-4.24	24	4	3	4	3
(SM-10.60)	(600)	(100)	(75)	(100)	(75)
SM-6.06	6	6	2	6	2
(SM-15.15)	(150)	(150)	(50)	(150)	(50)
SM-6.12	12	6	2	6	2
(SM-15.30)	(300)	(150)	(50)	(150)	(50)
SM-6.18	18	6	2	6	2
(SM-15.45)	(450)	(150)	(50)	(150)	(50)
SM-6.24	24	6	2	6	2
(SM-15.60)	(600)	(150)	(50)	(150)	(50)

**PLAN**  
(RAMPED NOSES)



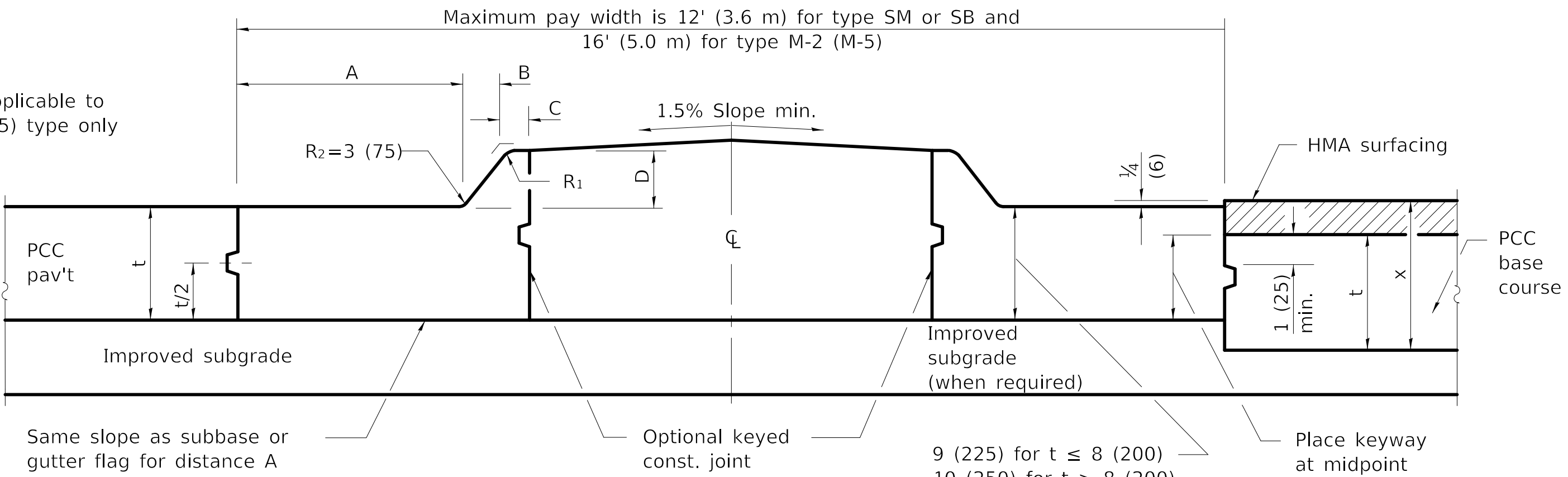
**SECTION F-F**



**SECTION G-G**

TABLE OF RAMPED NOSE LENGTHS	
TYPE OF NOSE	L
Median	6' (1.8 m)
Small Island	24 (600)
Intermediate Island	4' (1.2 m)
Large Island	6' (1.8 m)

NOTE  
R<sub>2</sub> is applicable to  
M-2 (M-5) type only

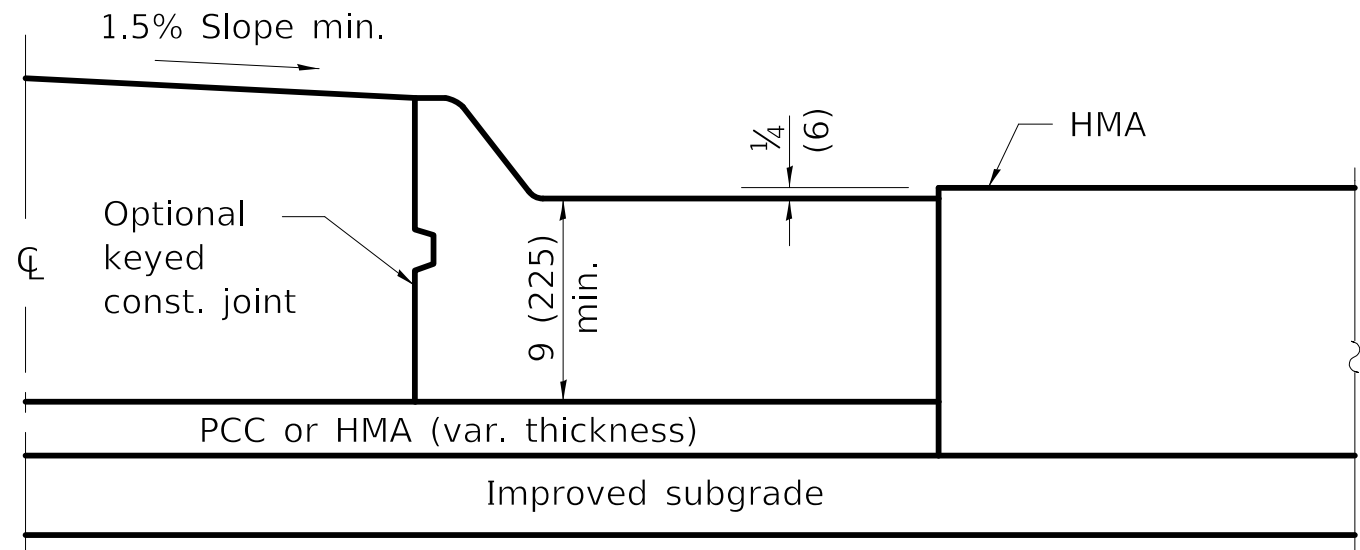


**HALF SECTION FOR PCC PAVEMENT**

**HALF SECTION FOR PCC BASE COURSE**

**SECTION H-H**

(TYPE SM, SB & M-5 (M-2) MEDIANS)



**HALF SECTION FOR FLEXIBLE PAVEMENT**

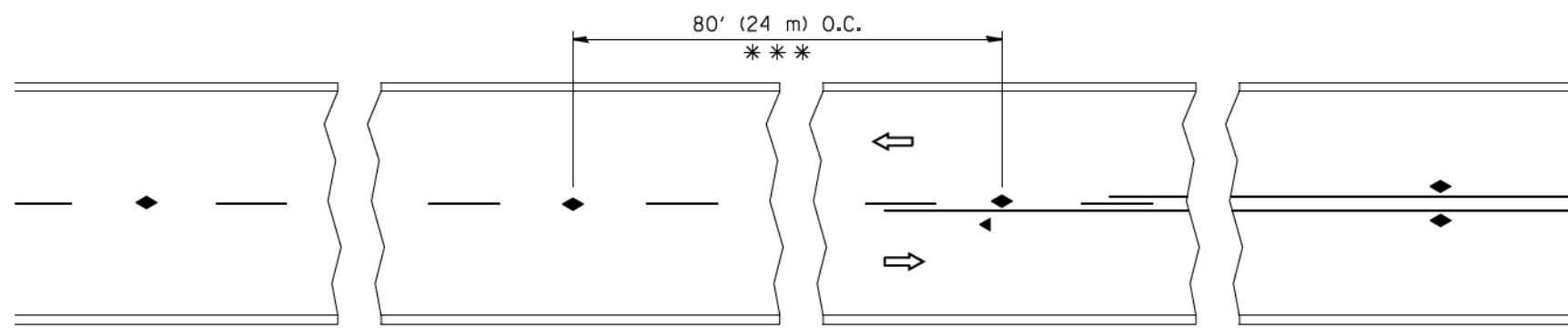
**PCC CONCRETE ISLANDS  
AND MEDIANS**

(Sheet 2 of 2)

**STANDARD 606301-04**

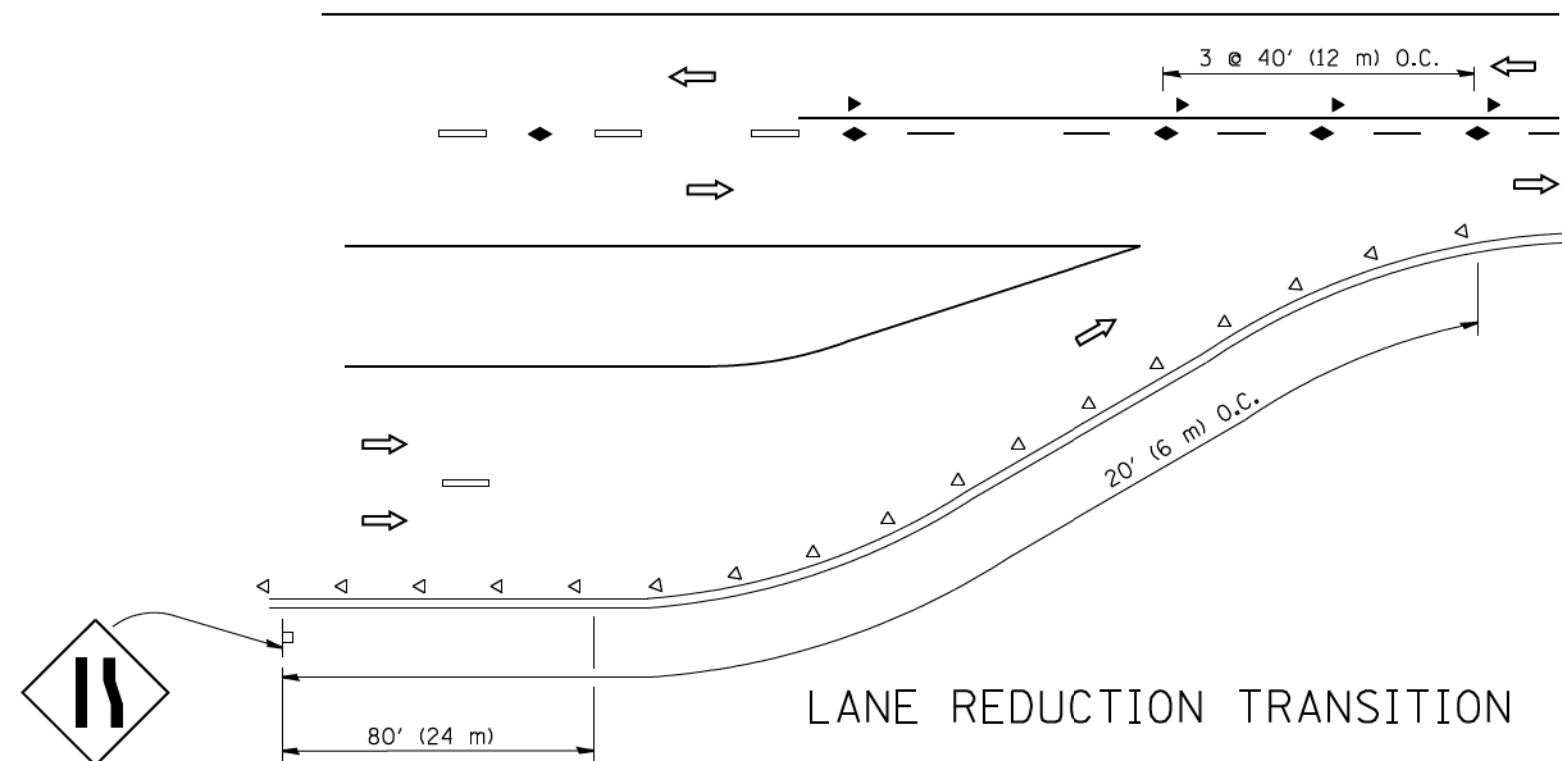
REVISIONS			
NO.	BY	DATE	DESCRIPTION



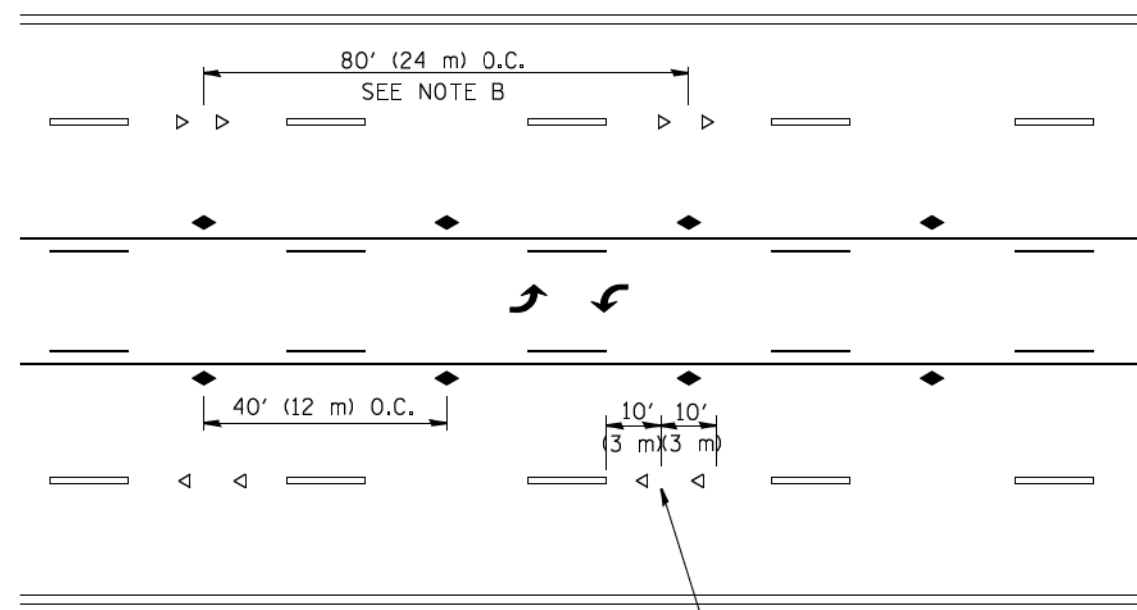


\*\*\* REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

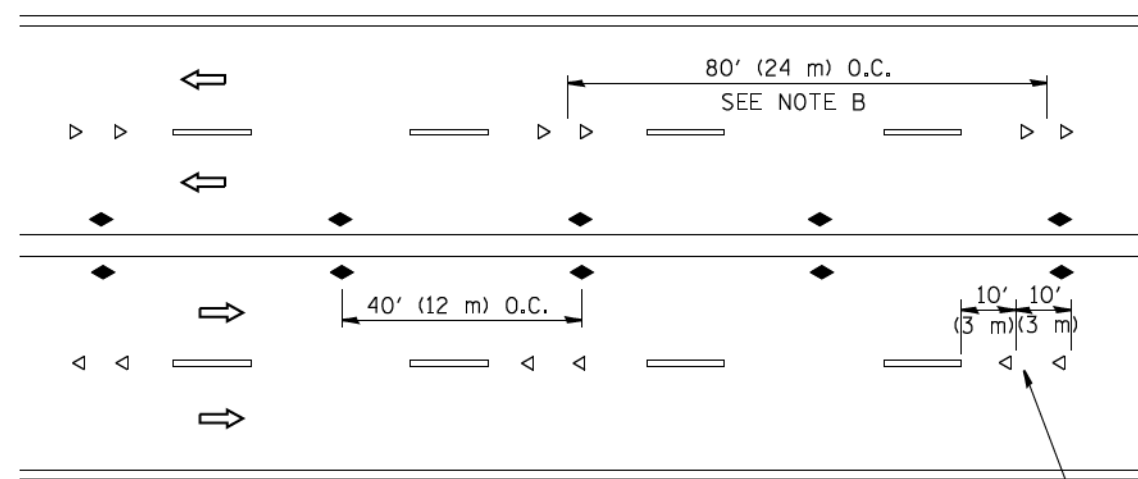
TWO-LANE/TWO-WAY



LANE REDUCTION TRANSITION

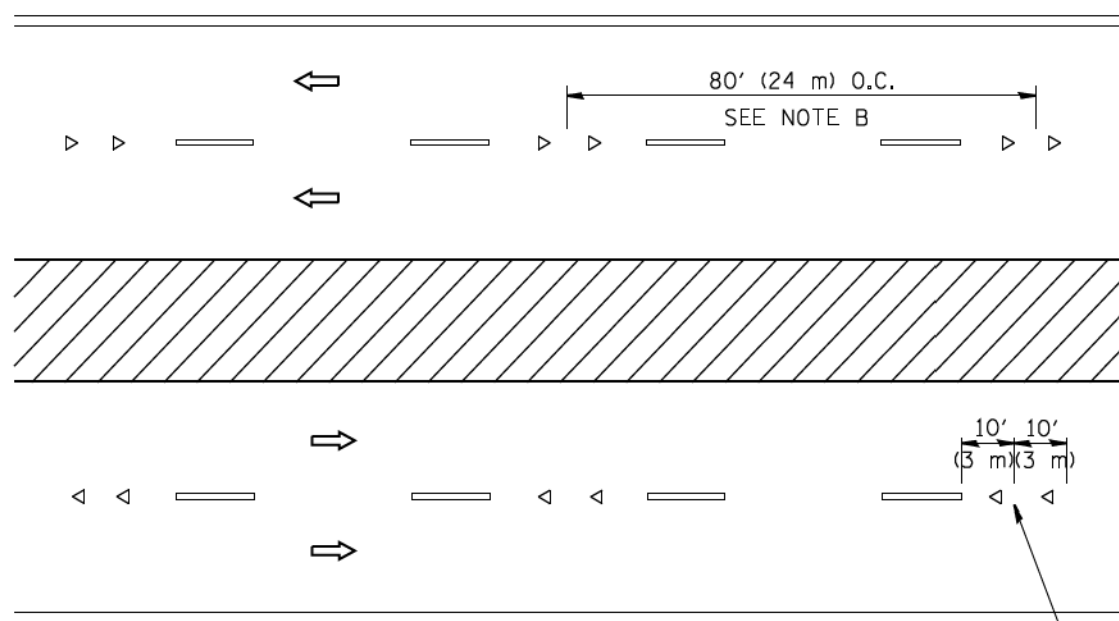


TWO-WAY LEFT TURN



SEE NOTE A

MULTI-LANE/UNDIVIDED



SEE NOTE A

MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

LANE MARKER NOTES

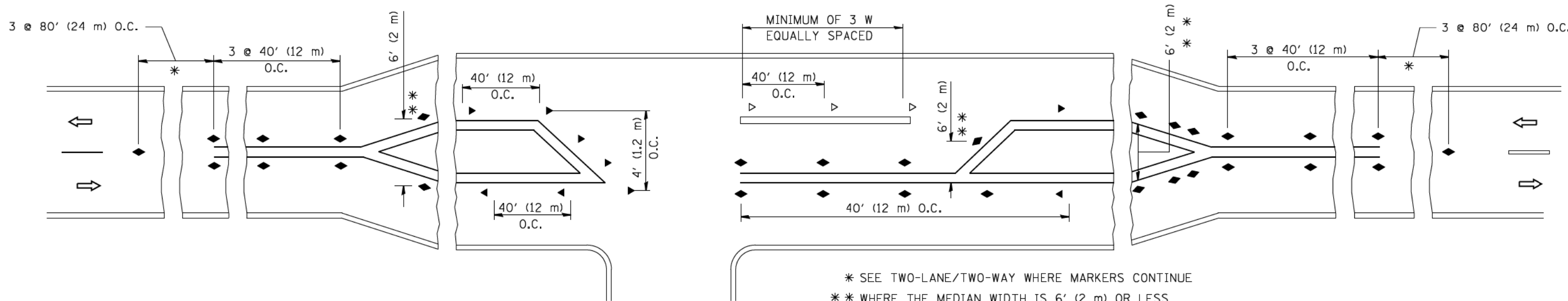
- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.  
B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

SYMBOLS

- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



\* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE  
\*\* WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

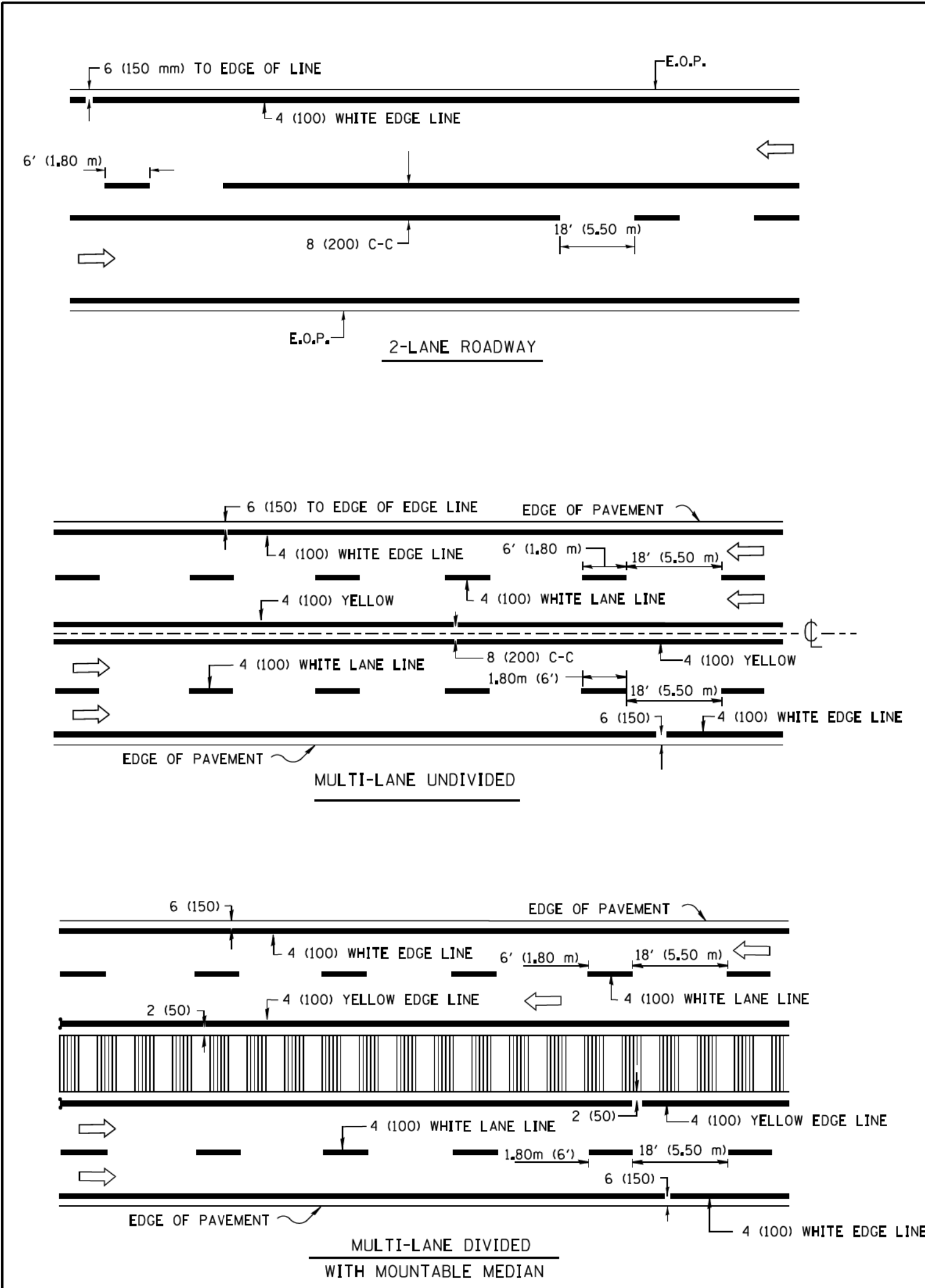
LEFT TURN

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

FILE NAME = c:\pwork\pwork\lejsa\d0108315\tc11.dgn	USER NAME = lejsa	DESIGNED -	REVISED - T. RAMMACHER 09-19-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL APPLICATIONS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - T. RAMMACHER 03-12-99		RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)								
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - T. RAMMACHER 01-06-00						TC-11		CONTRACT NO.		
	PLOT DATE = 3/2/2011	DATE -	REVISED - C. JUCIUS 09-09-09		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

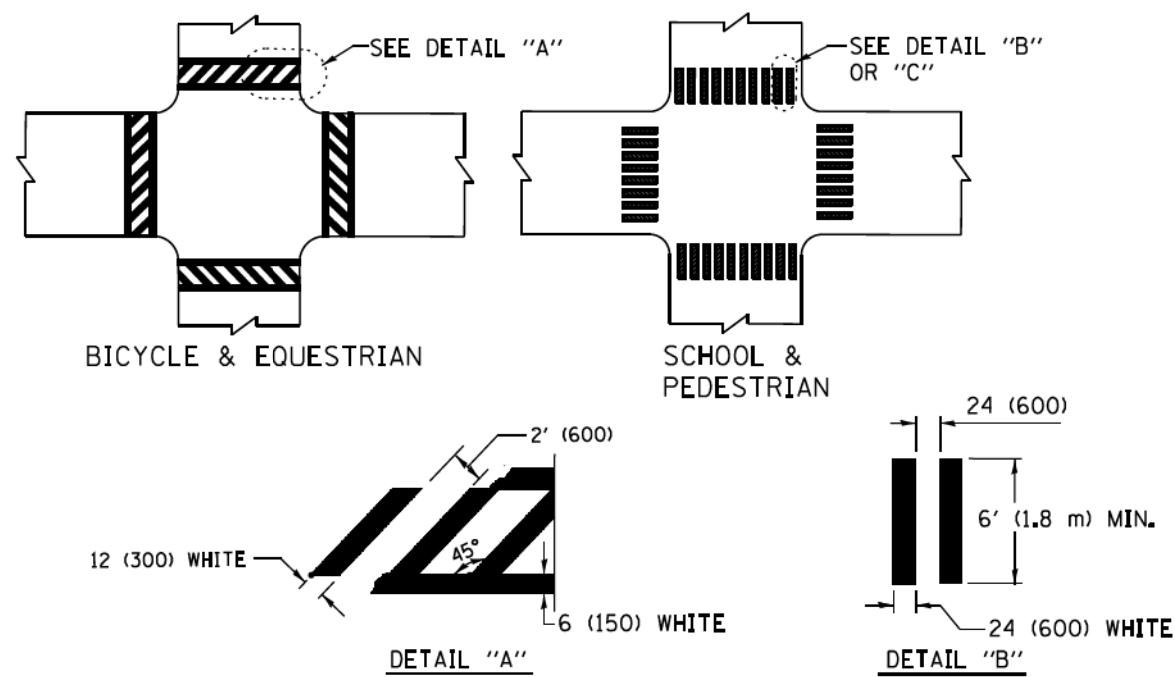
REVISIONS			
NO.	BY	DATE	DESCRIPTION



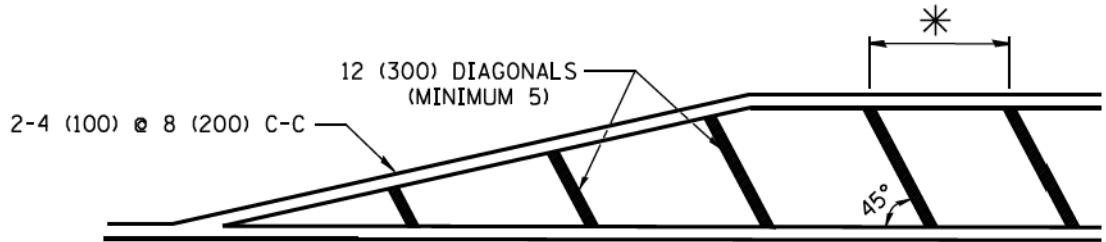


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING



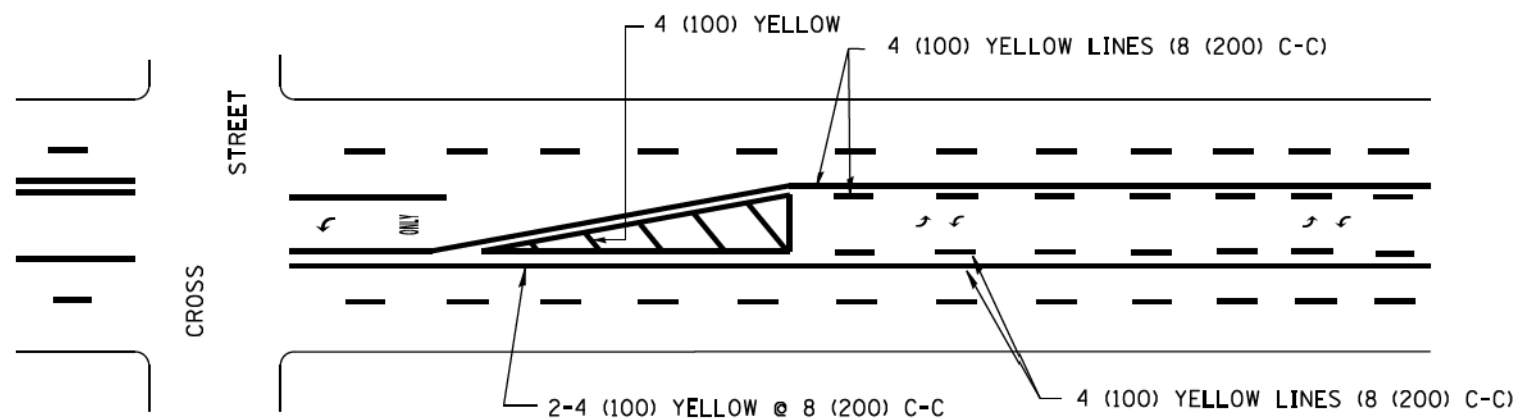
TYPICAL CROSSWALK MARKING



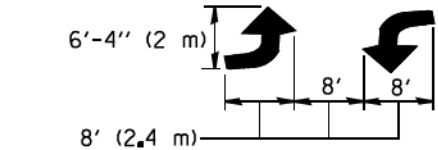
\*FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

\* DIAGONAL LINE SPACING: 20' (6.1 m) C-C

PAINTED MEDIANS

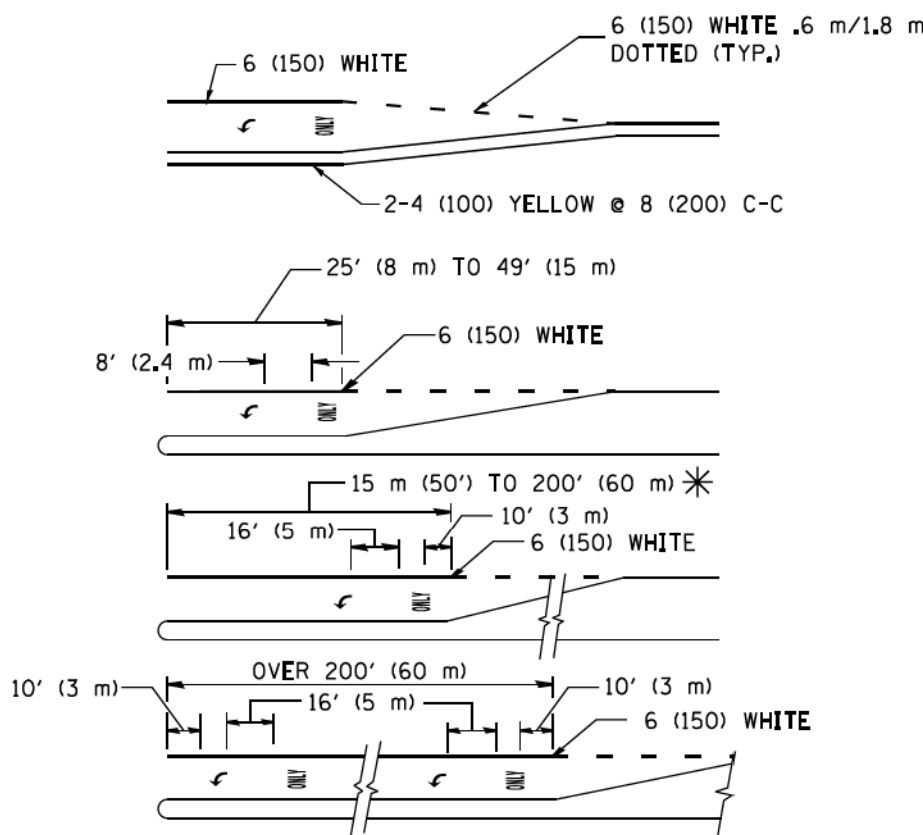


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

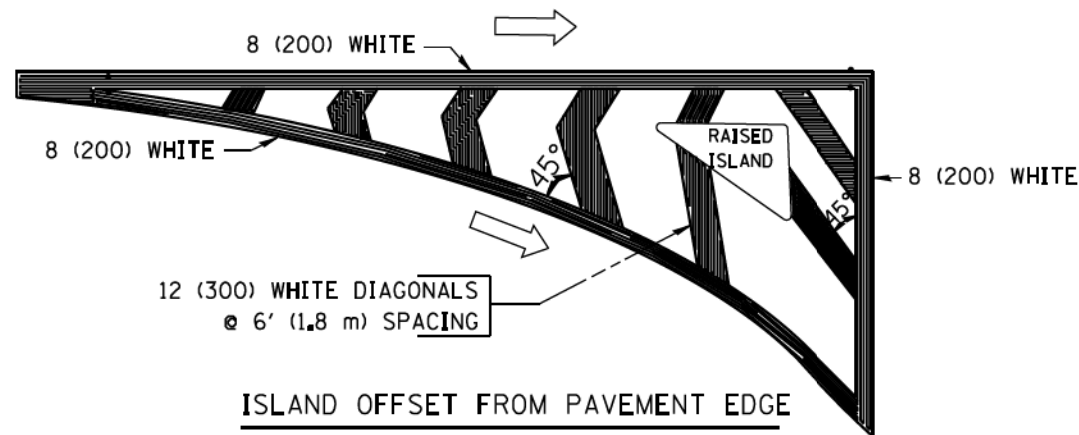


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.8 SQ. FT. (1.47 m<sup>2</sup>) ONLY AREA = 22.9 SQ. FT. (2.13 m<sup>2</sup>)

\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	6' (1.80 m) LINE WITH 18' (5.50 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	8 (200) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION	4 (100)	SOLID	YELLOW	8 (200) C-C
FOR BOTH DIRECTIONS	2 @ 4 (100)	SOLID	YELLOW	8 (200) C-C
LANE LINES	4 (100)	SKIP-DASH	WHITE	6' (1.80 m) LINE WITH 18' (5.50 m) SPACE
ON FREEWAYS	5 (125)	SKIP-DASH	WHITE	
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4 m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION	SKIP-DASH AND SOLID	YELLOW	6' (1.8 m) LINE WITH 18' (5.50 m) SPACE FOR SKIP-DASH; 8 (200) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE
	8' (2.4 m) LEFT ARROW	IN PAIRS	WHITE	SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL & PEDESTRIAN)	12 (300) @ 45° 24 (600) @ 90°	SOLID SOLID	WHITE WHITE	2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK. IF PRESENT, OTHERWISE PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45°	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	8 (200) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 20' (6.1 m) (LESS THAN 30 MPH (50 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33m <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STREET MARKING STANDARDS.  
PRINTED BY CITY OF CHICAGO.  
DEPARTMENT OF TRANSPORTATION,  
BUREAU OF TRAFFIC.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = drvakosgn	DESIGNED -	REVISED - T. RAMMACHER 12-07-00
c:\pwwork\psidot\drvakosgn\d0108315\tp24.dgn		DRAWN -	REVISED - K. ENG 02-28-12
	PLOT SCALE = 50.000' / 1"	CHECKED -	REVISED -
	PLOT DATE = 3/1/2012	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO  
TYPICAL PAVEMENT MARKINGS

CITY OF CHICAGO					F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS									
					TC-24		CONTRACT NO.		
SCALE: NONE		SHEET NO. 1 OF 3 SHEETS		STA.	TO STA.				
					FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

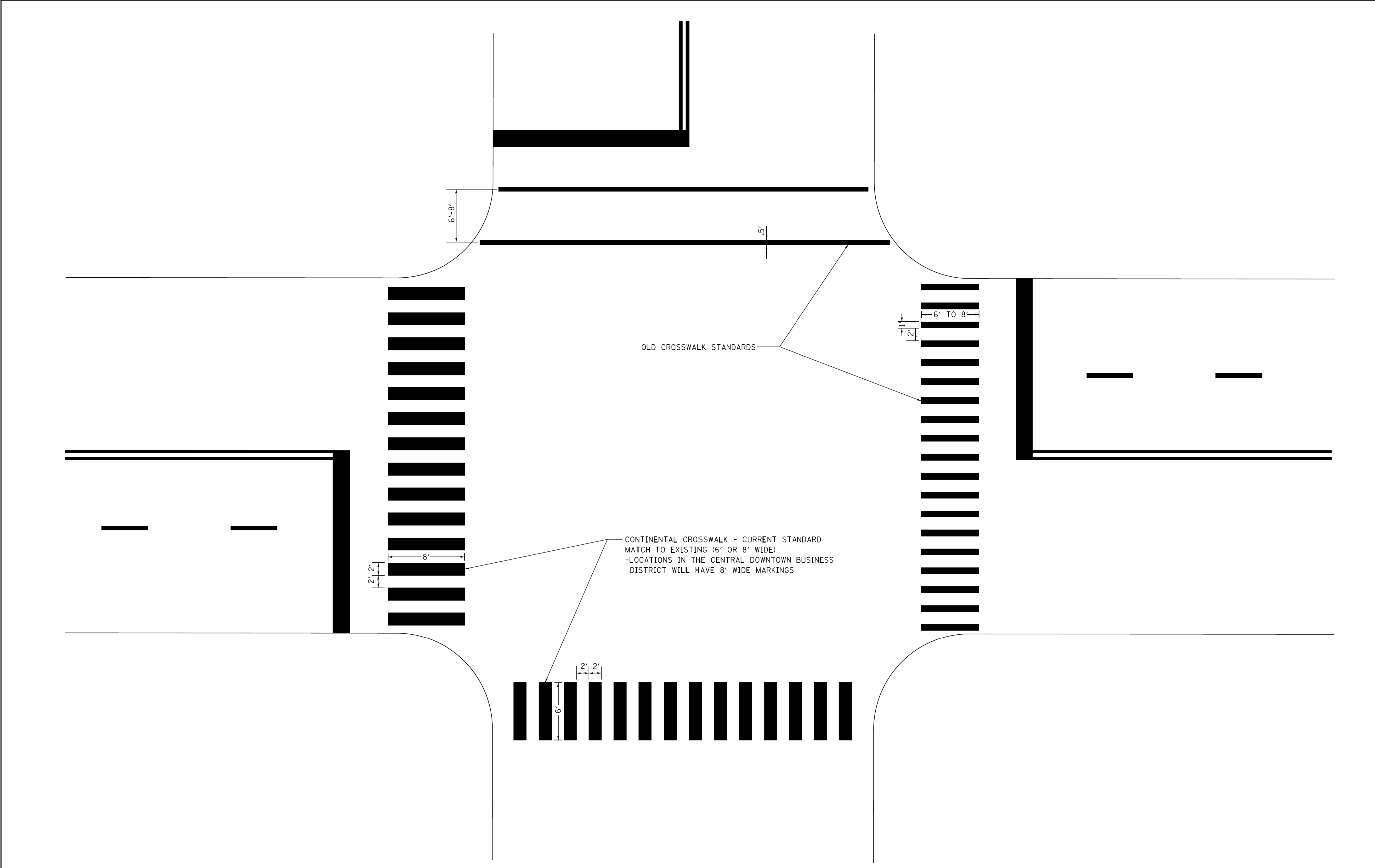
SCALE: NONE SHEET NO. 1 OF 3 SHEETS STA. TO STA.

REVISIONS			
NO.	BY	DATE	DESCRIPTION









FILE NAME = c:\pw_work\psidot\drivakosgn\00108315\tpc24.dgn	USER NAME = drivakosgn	DESIGNED -	REVISED - T. RAMMACHER 12-07-00	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CITY OF CHICAGO TYPICAL PAVEMENT MARKINGS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - K. ENG 02-28-12									
	PLOT SCALE = 50,000 ' / 1 in.	CHECKED -	REVISED -					TC-24		CONTRACT NO.		
	PLOT DATE = 3/29/2012	DATE -	REVISED -					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
		SCALE: NONE		SHEET NO. 3 OF 3 SHEETS		STA.		TO STA.				

6/24/2012 9:39:00 AM User:drivakosgn



REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING  
NORTH AREA B-4-152

STANDARD DETAILS

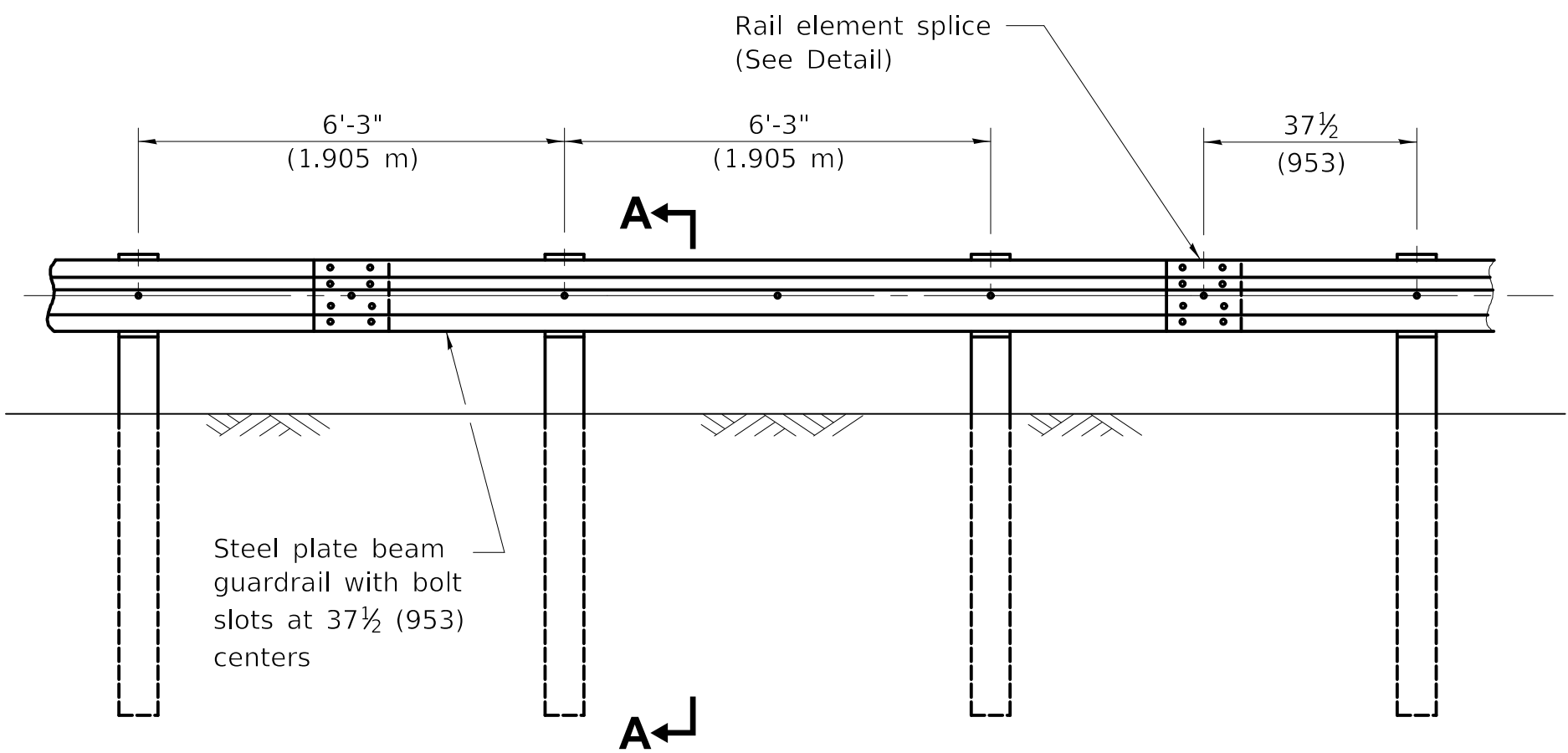
IDOT STANDARD DETAILS

SCALE: N.T.S.

SHEET NO.  
124

DATE : 01/12/18

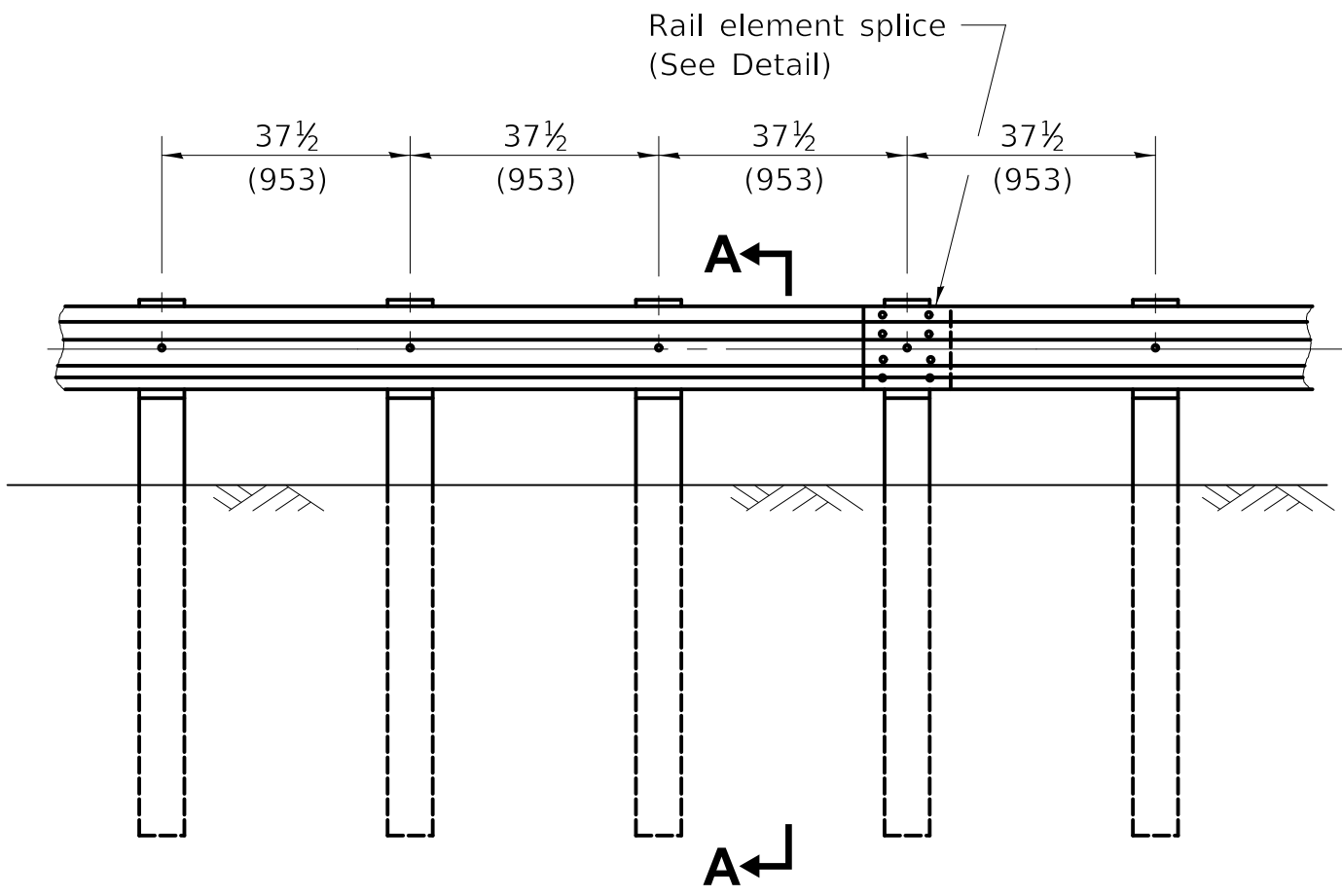




ELEVATION

TYPE A

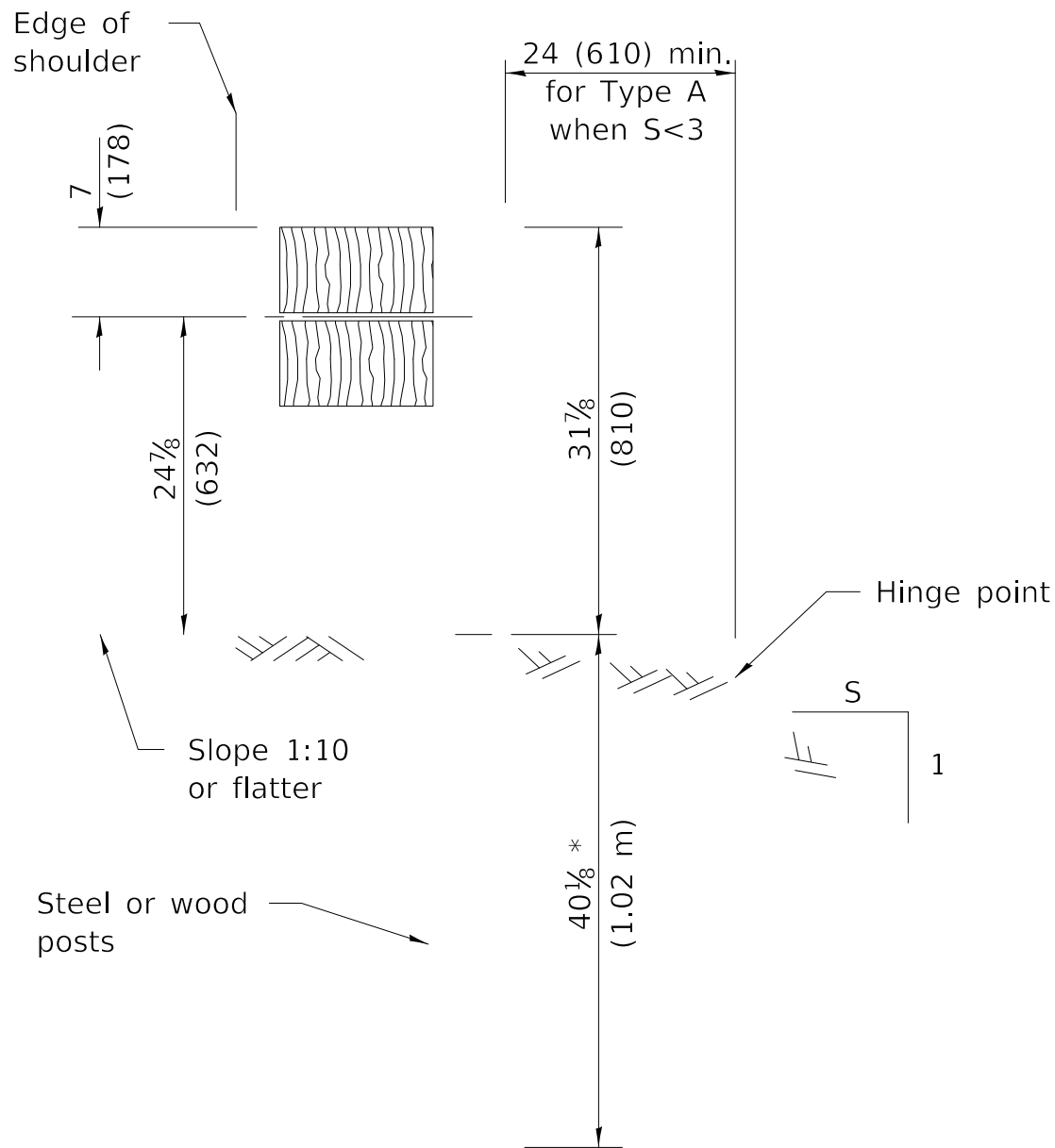
6'-3" (1.905 m) Typical post spacing



ELEVATION

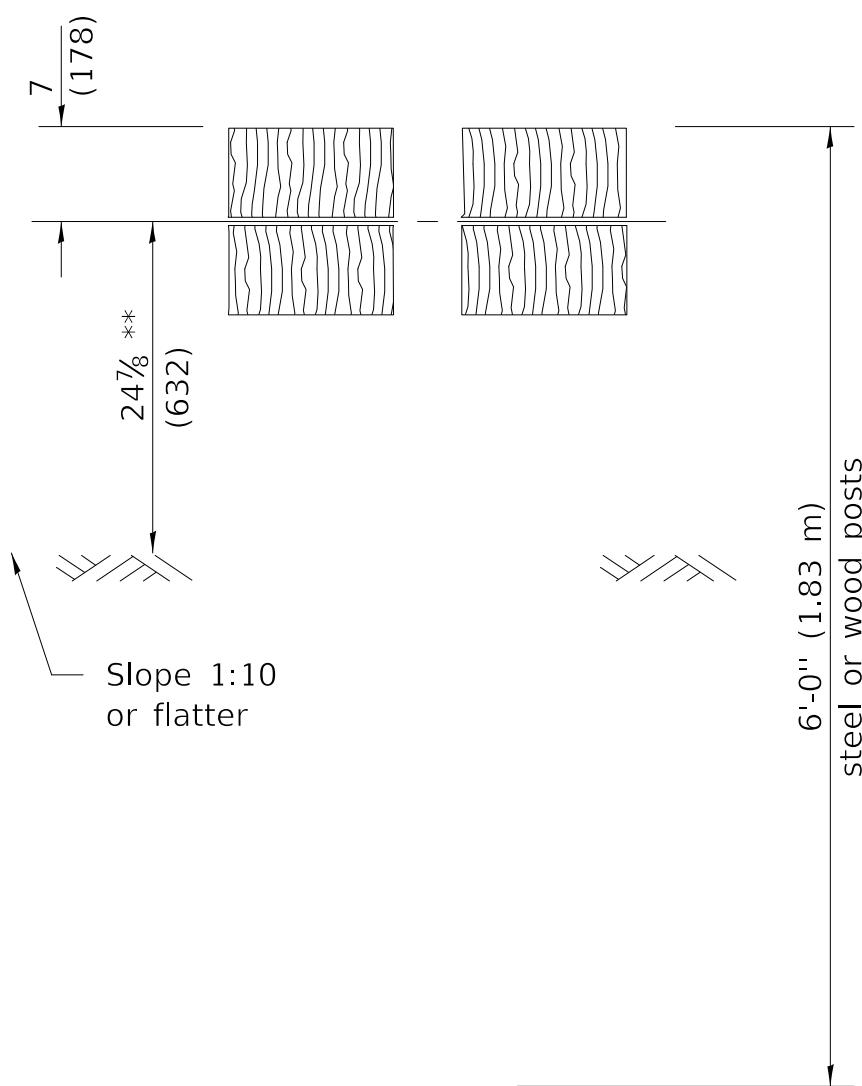
TYPE B

37 1/2 (953) Closed post spacing



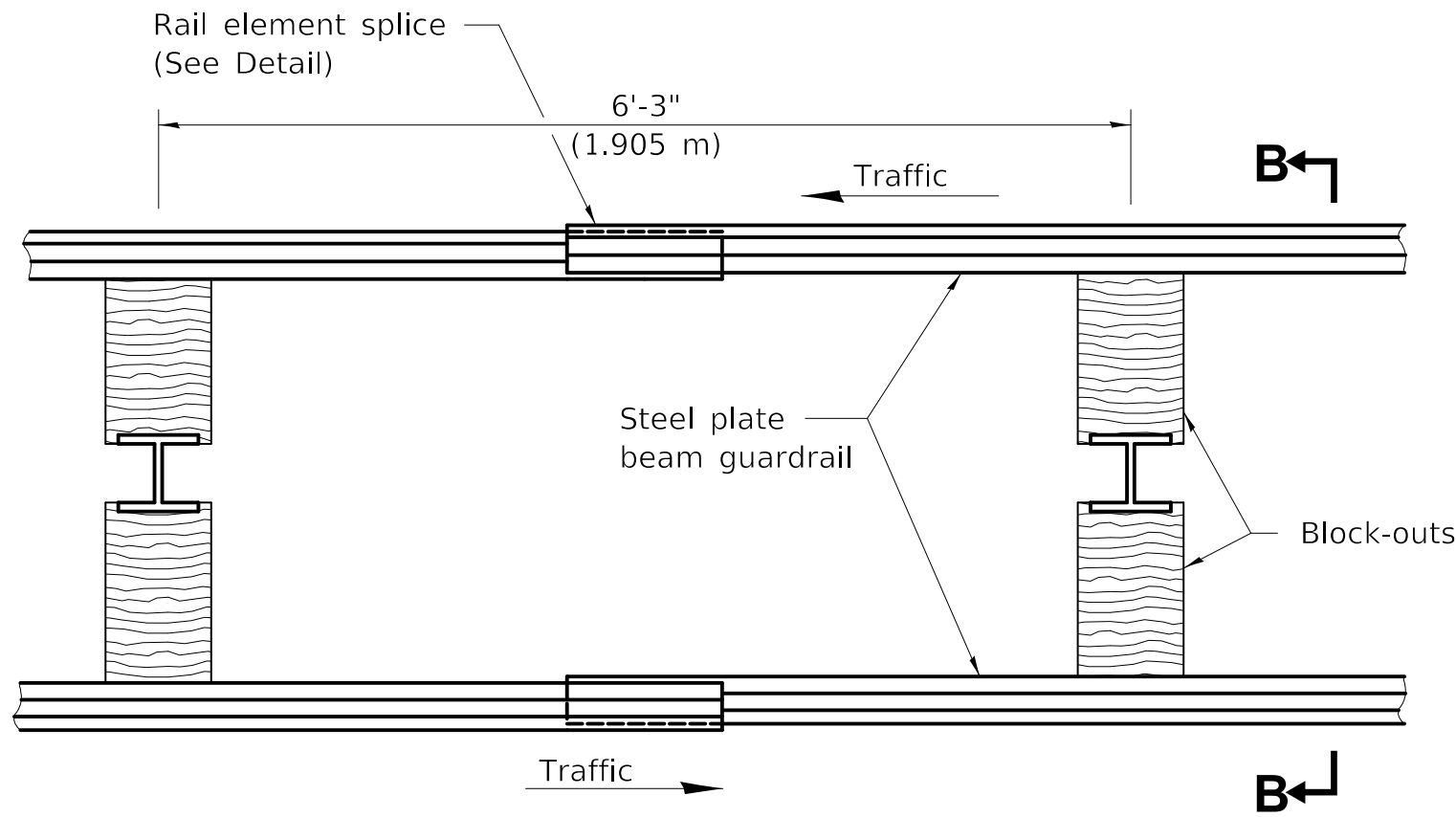
SECTION A-A

\* When "S" is less than 3 and the distance from the back of post is less than 24 (610), the post shall be steel and the embedment shall be 76 1/2 (1.93 m) and the minimum top of rail height shall be 31 (787).



SECTION B-B

\*\* When connecting Type D guardrail to an impact attenuator, adjust this dimension to match over a distance of 25'-0" (7.62 m) from point of connection if necessary.



PLAN

TYPE D

Double steel plate beam guardrail  
6'-3" (1.905 m) typical post spacing

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

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

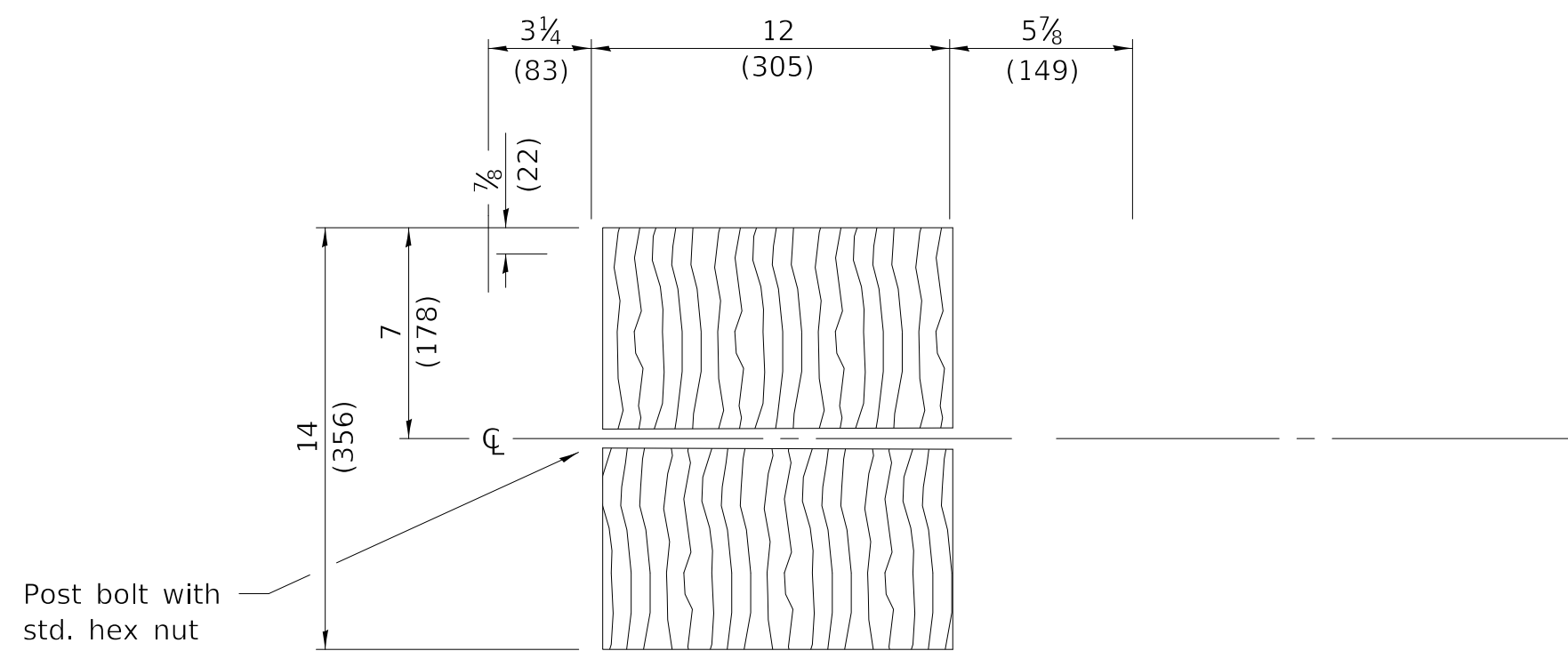
STEEL PLATE BEAM  
GUARDRAIL

(Sheet 1 of 4)

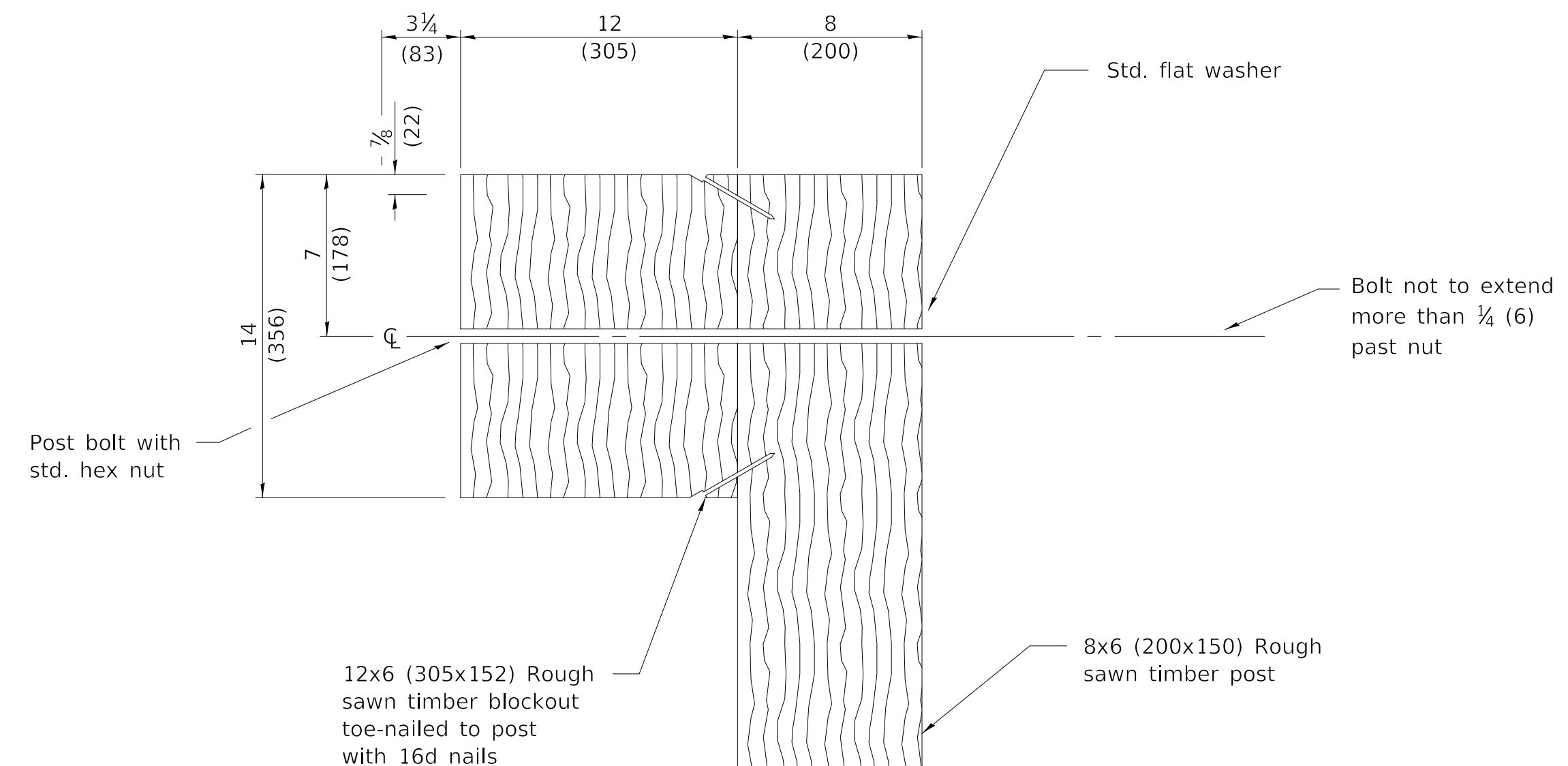
STANDARD 630001-12

REVISIONS			
NO.	BY	DATE	DESCRIPTION



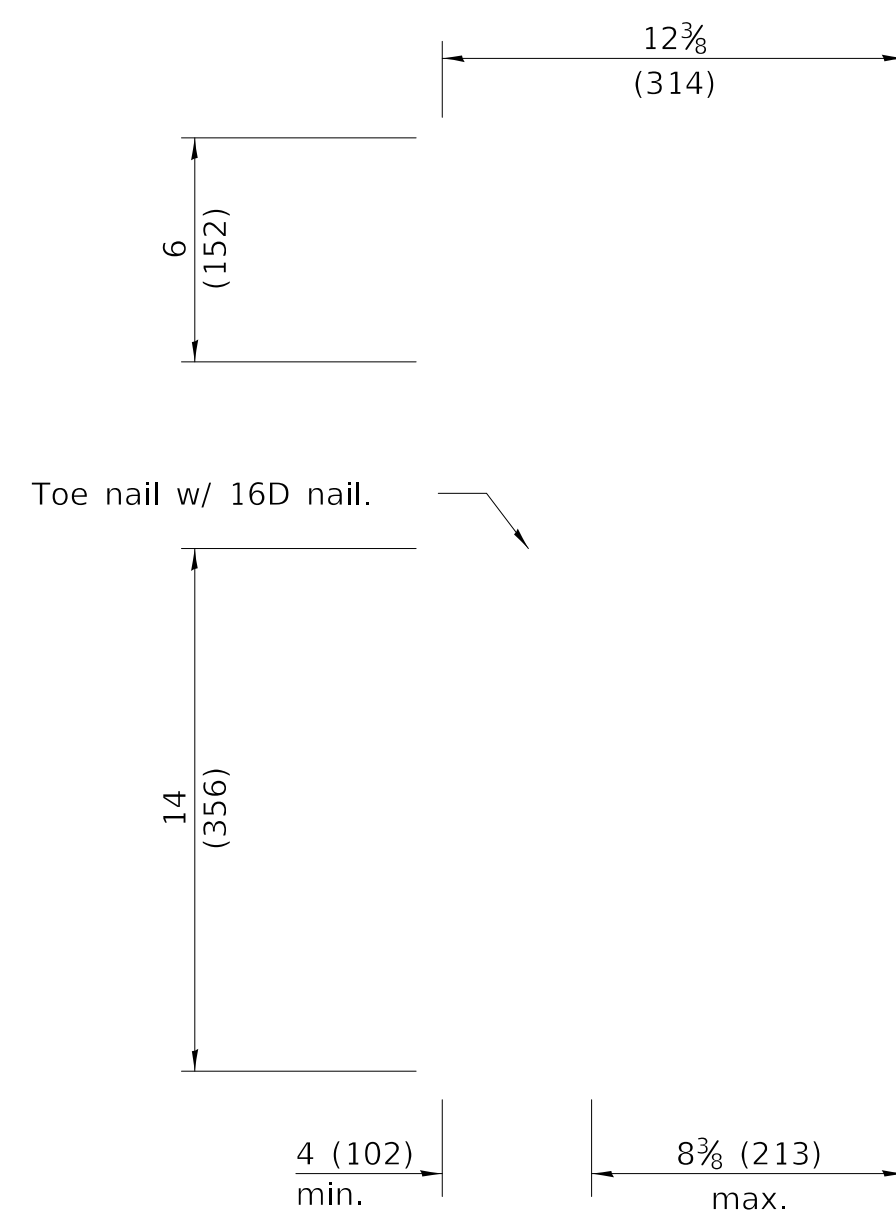


W6x9 (W150x13.5) or  
W6x8.5 (W150x12.75)  
steel post.

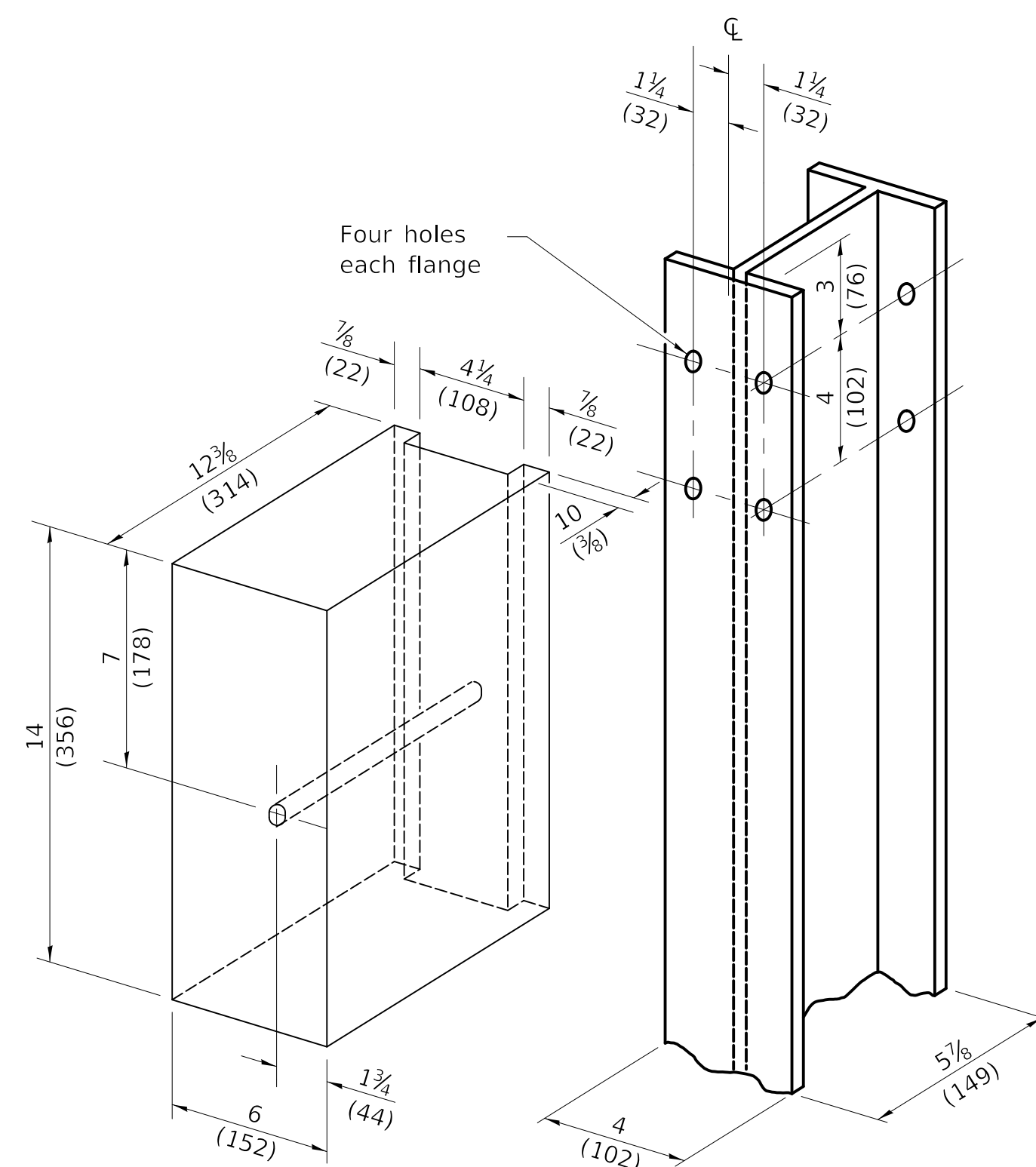


### STEEL POST CONSTRUCTION

### WOOD POST CONSTRUCTION

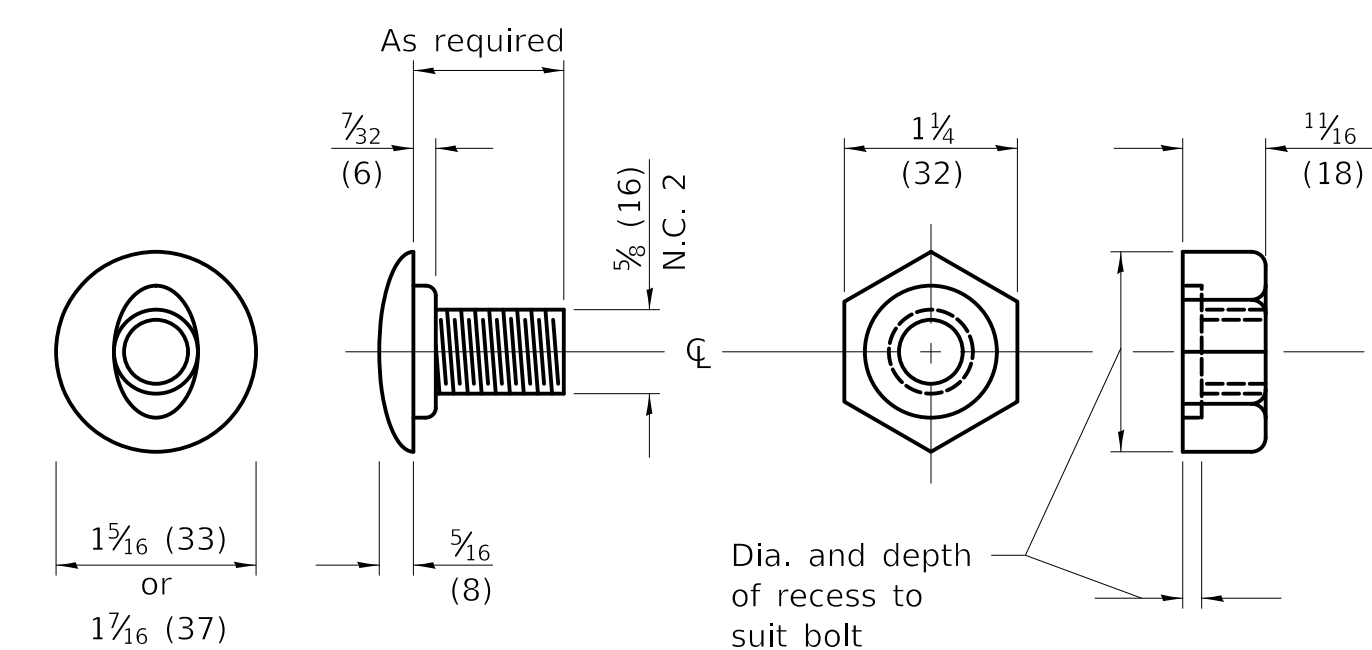


### TWO-PIECE WOOD BLOCKOUT OPTION



Note:  
All holes  $\frac{3}{4}$  (20) dia.

### WOOD BLOCK-OUT AND STEEL POST DETAILS



### POST OR SPLICE BOLT & NUT

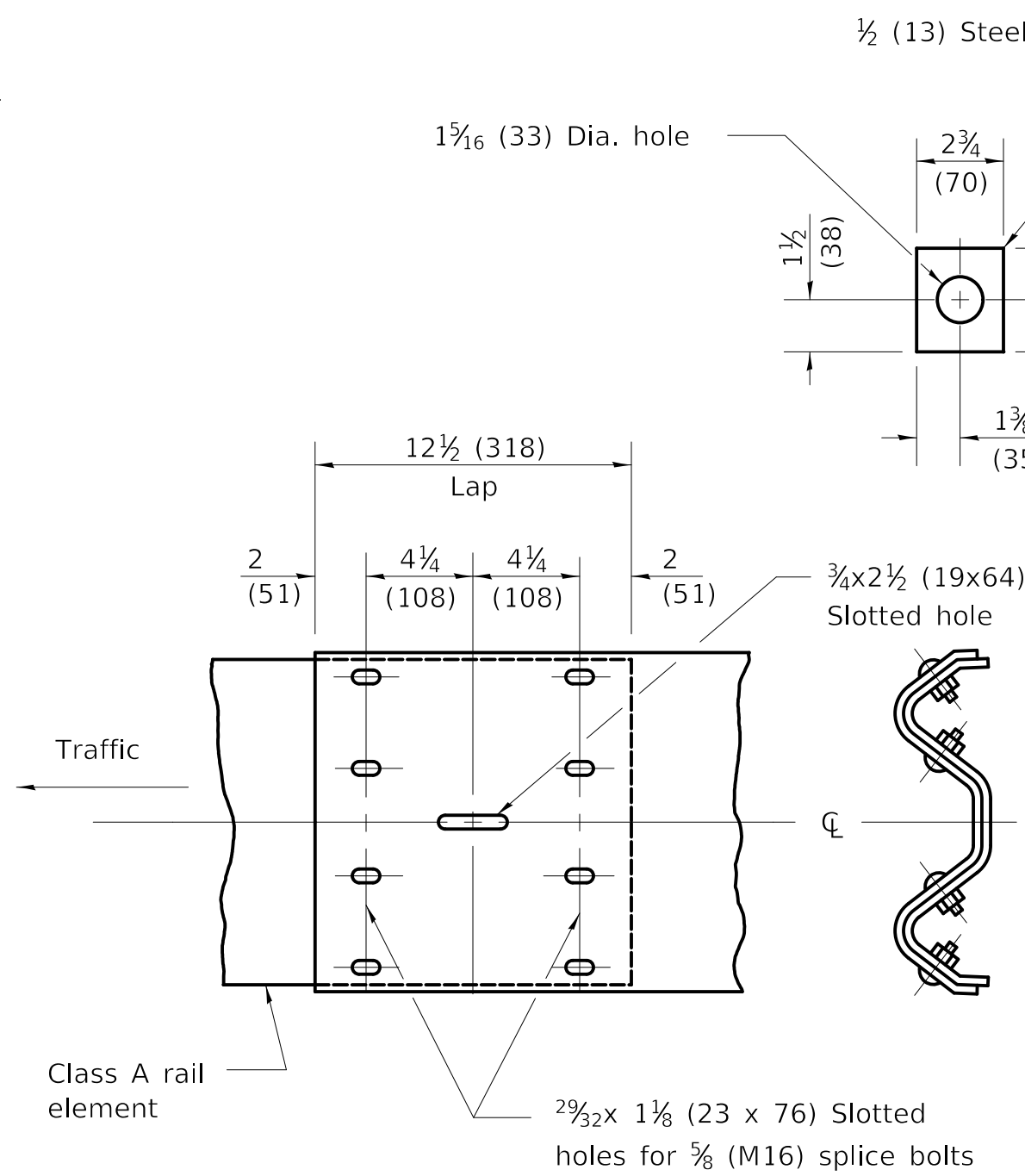
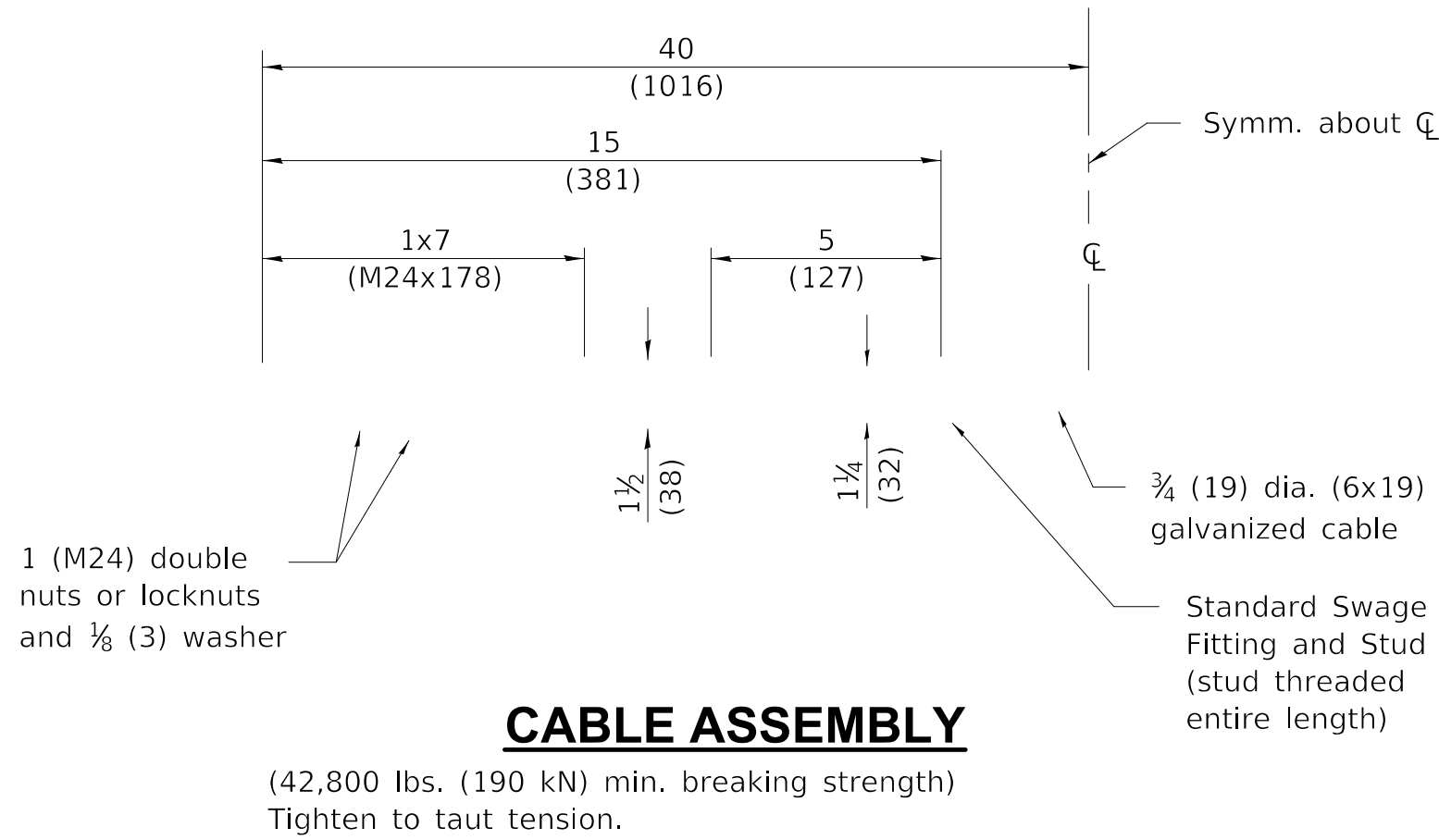
## STEEL PLATE BEAM GUARDRAIL

(Sheet 2 of 4)

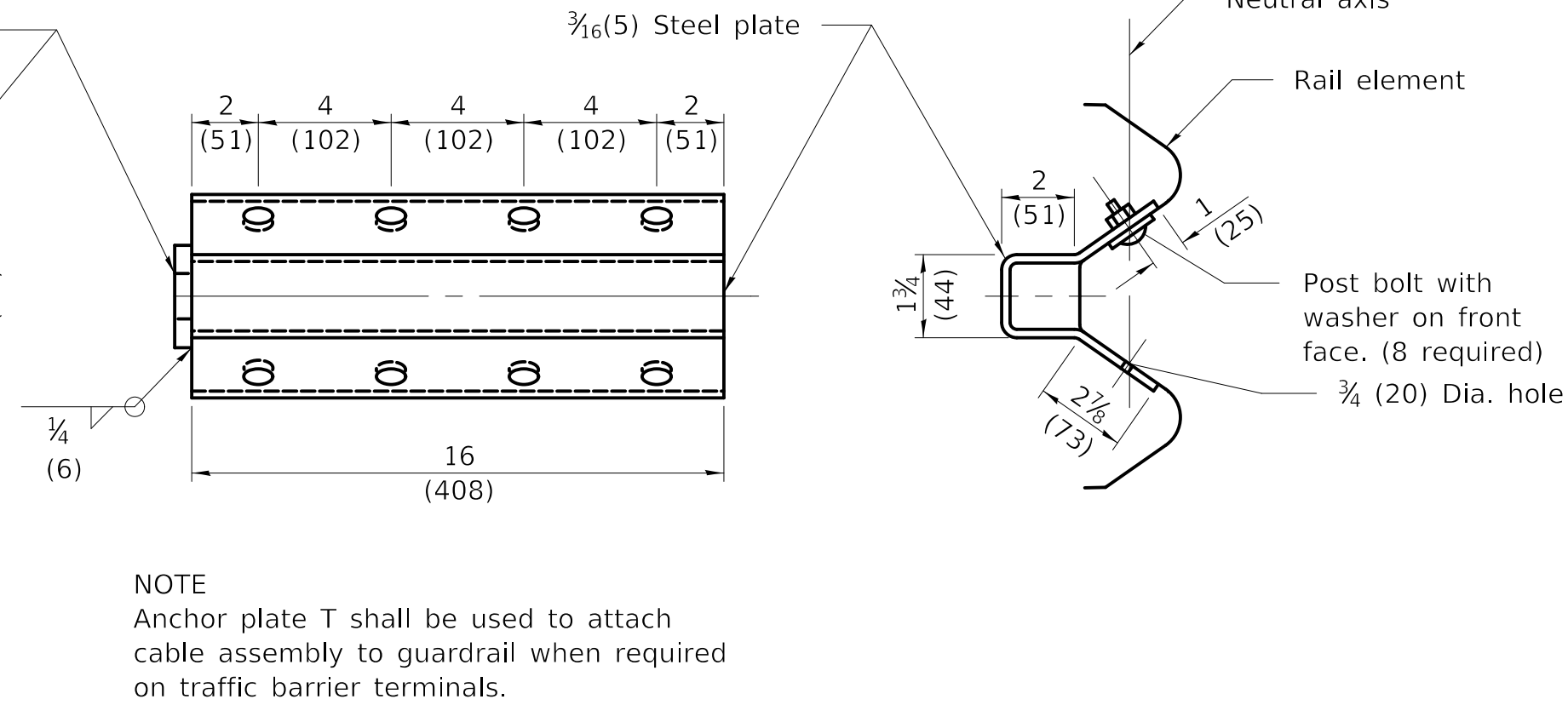
STANDARD 630001-12

REVISIONS			
NO.	BY	DATE	DESCRIPTION

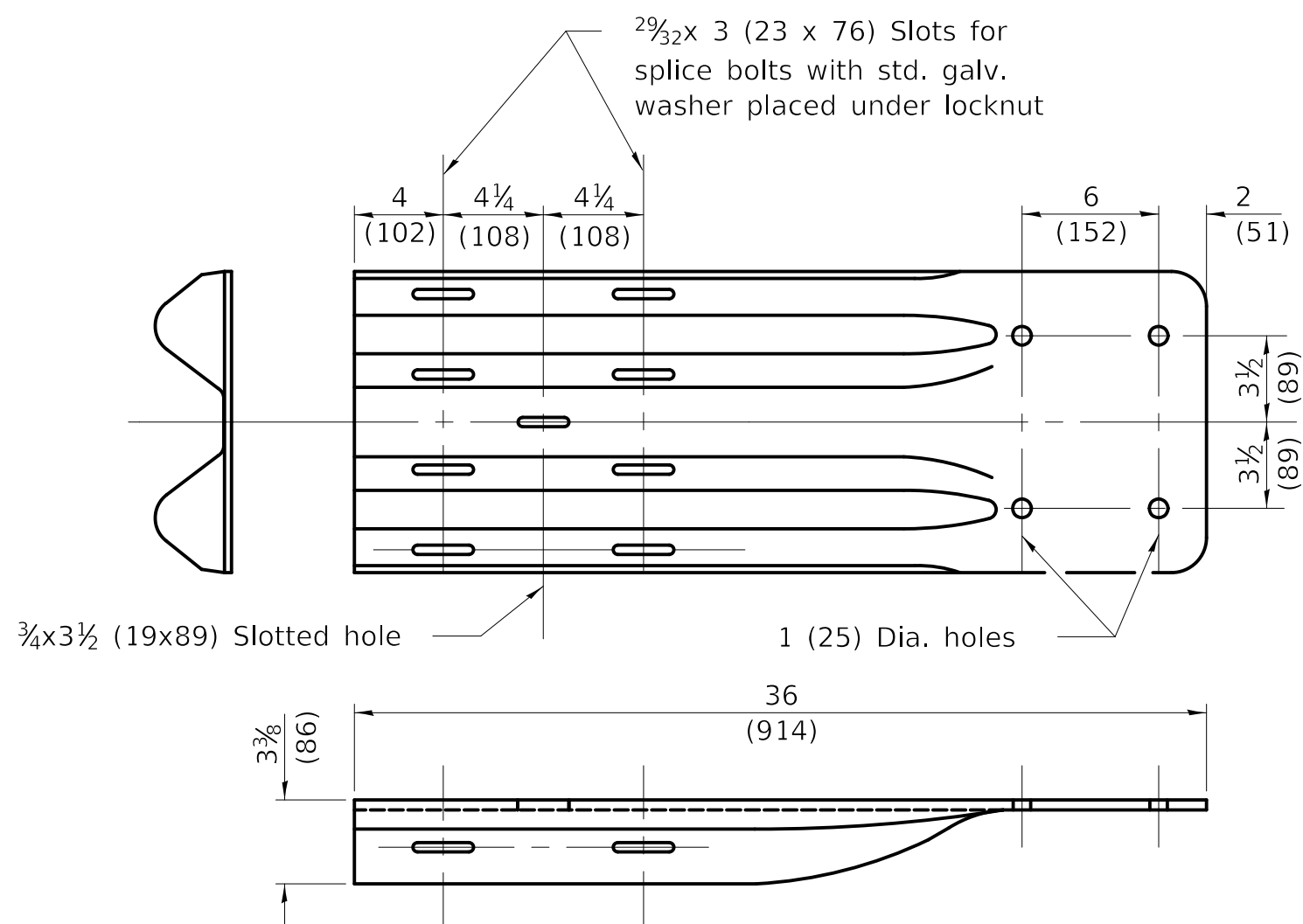
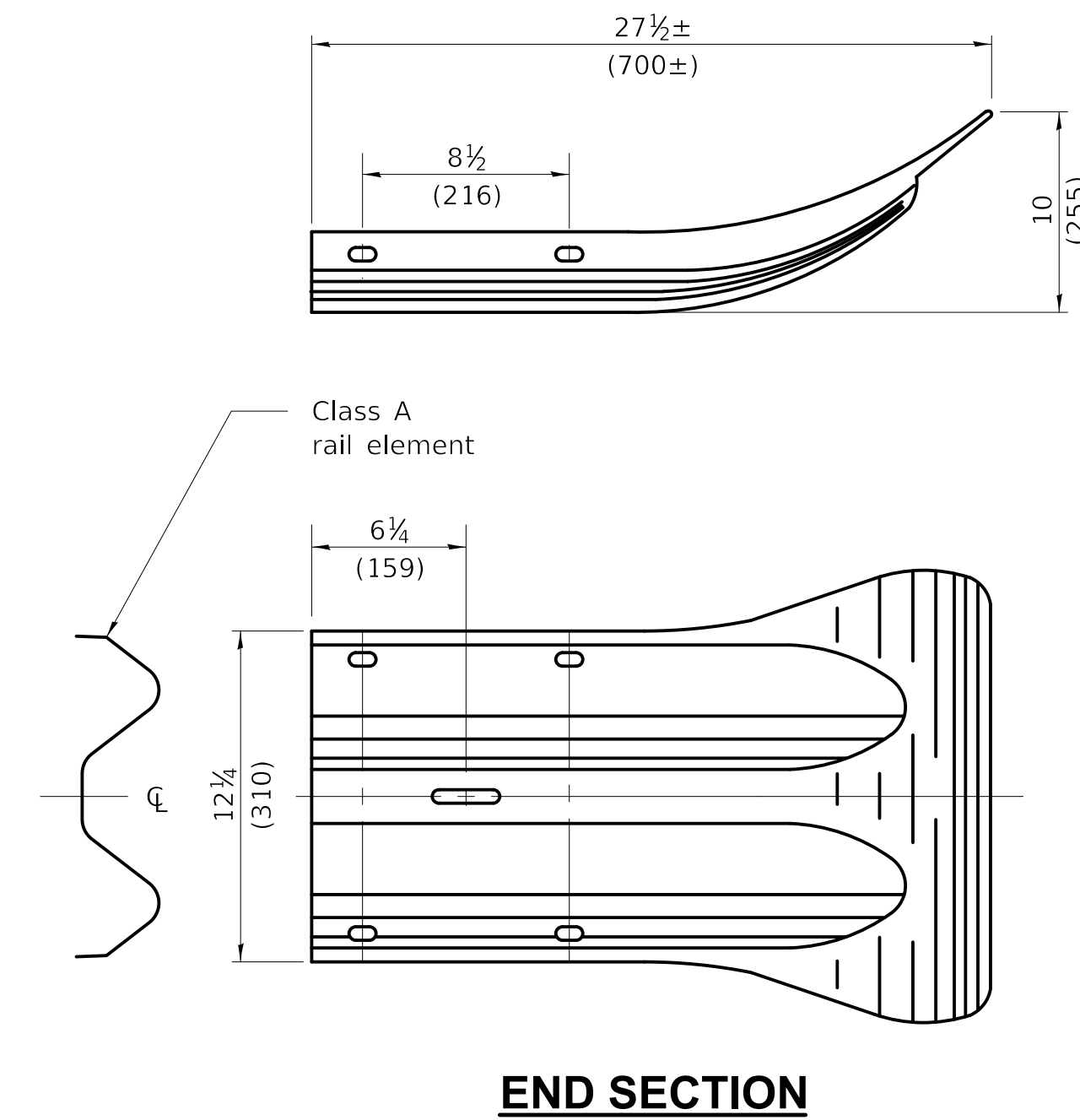




**RAIL ELEMENT SPLICE**



**ANCHOR PLATE T DETAILS**

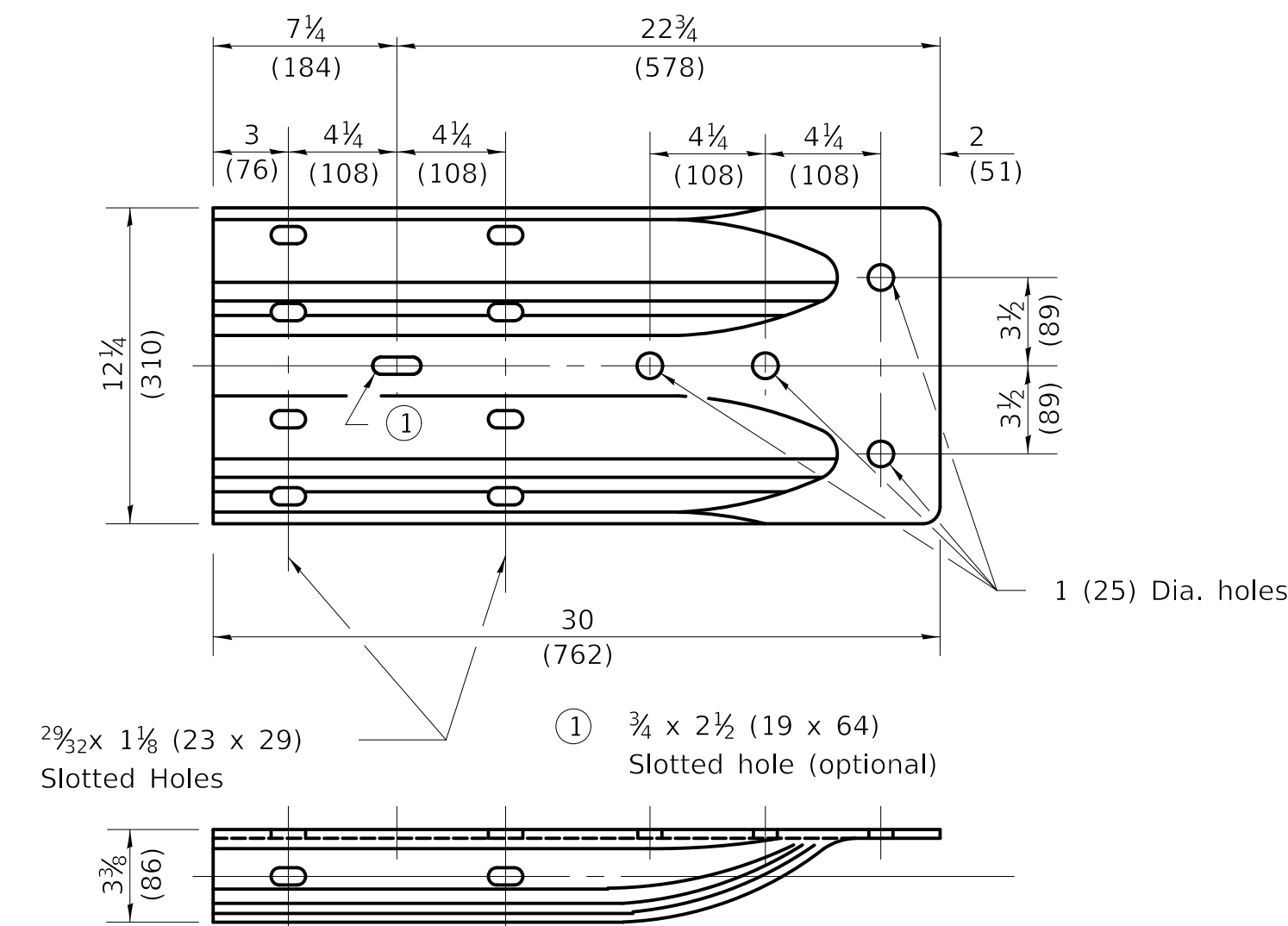


NOTE  
When end shoe is attached to a bridge parapet which has an expansion joint, the bolts shall be provided with a locknut or double nut and shall be tightened only to a point that will allow guardrail movement.

The standard end shoe shall be attached to the concrete with pre-drilled or self-drilling anchor bolts. The anchor cone shall be set flush with the surface of the concrete.

Externally threaded studs protruding from the surface of the concrete will not be permitted.

**END SHOE**



**ALTERNATE END SHOE**

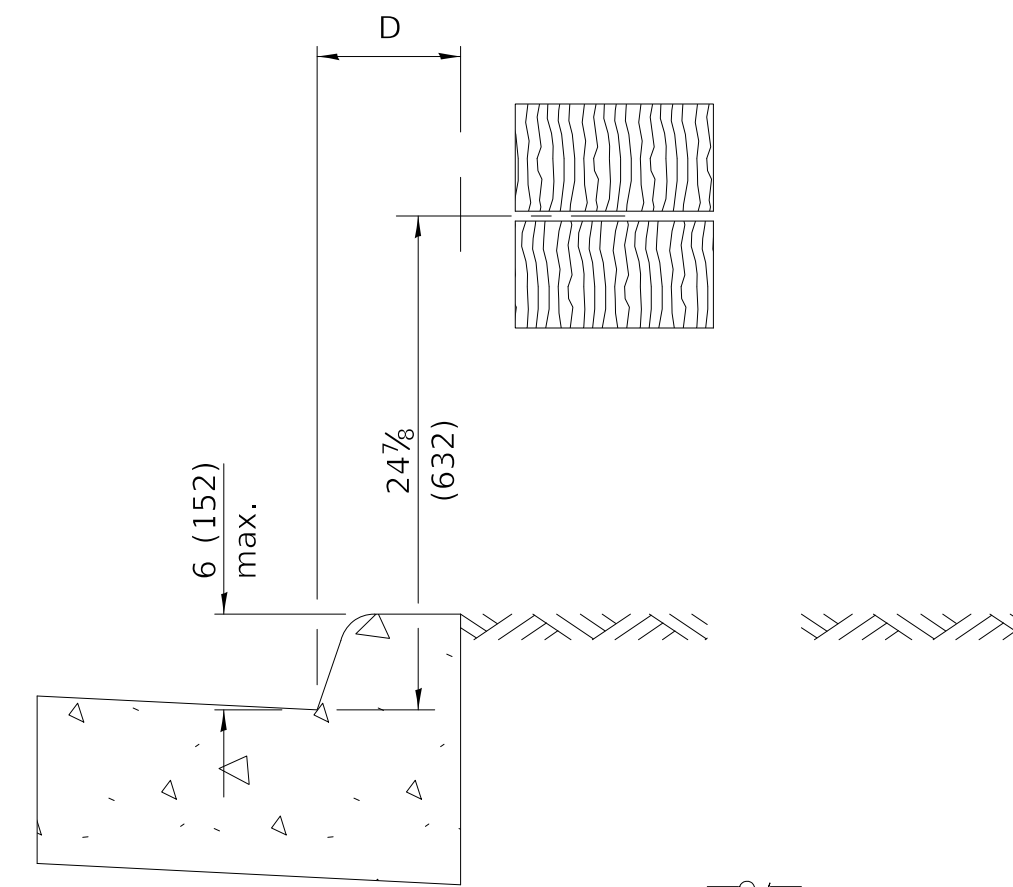
**STEEL PLATE BEAM  
GUARDRAIL**

(Sheet 3 of 4)

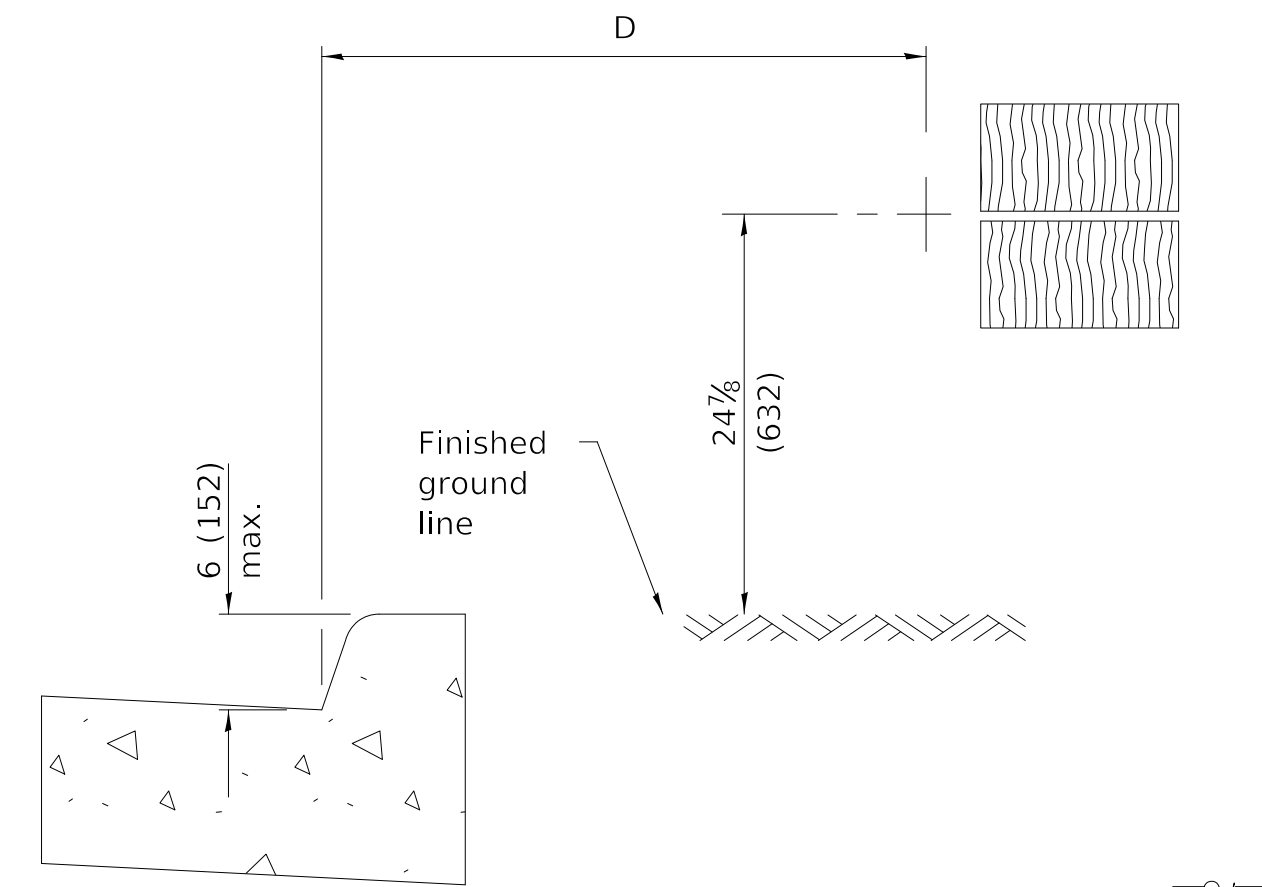
**STANDARD 630001-12**

REVISIONS			
NO.	BY	DATE	DESCRIPTION





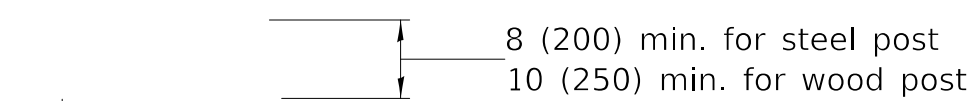
**$0 \leq D < 6$  (150 m)**



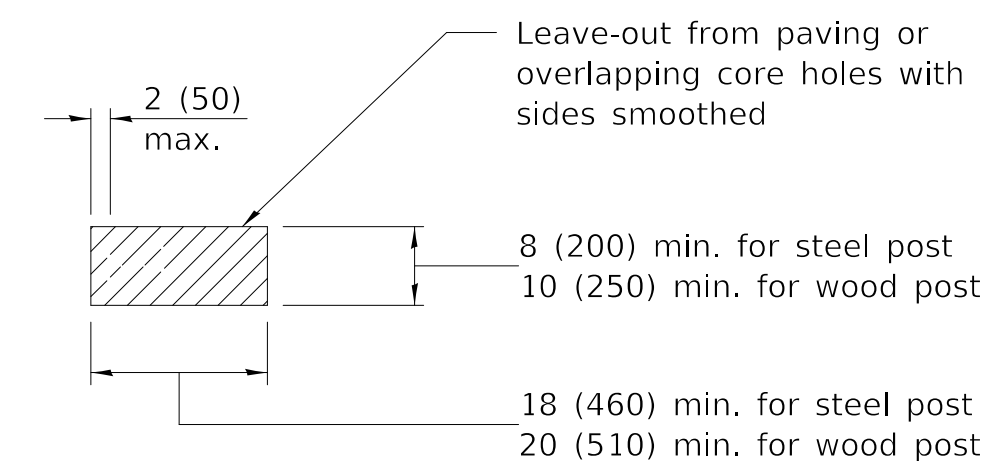
**$4\text{'-}0''$  (1.2 m)  $\leq D \leq 12\text{'-}0''$  (3.7 m)**

**GUARDRAIL PLACED BEHIND CURB**

Note: 'D' shall not exceed 6 (152) for design speeds greater than 45 mph.

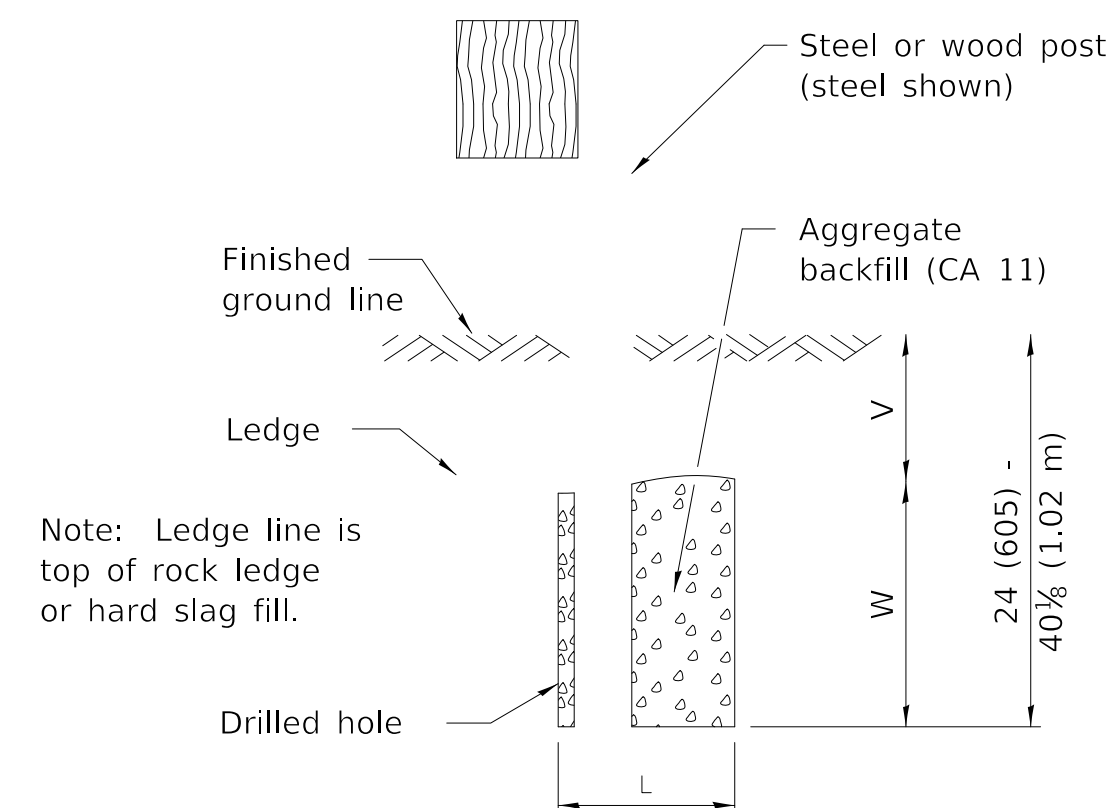


**PLAN**



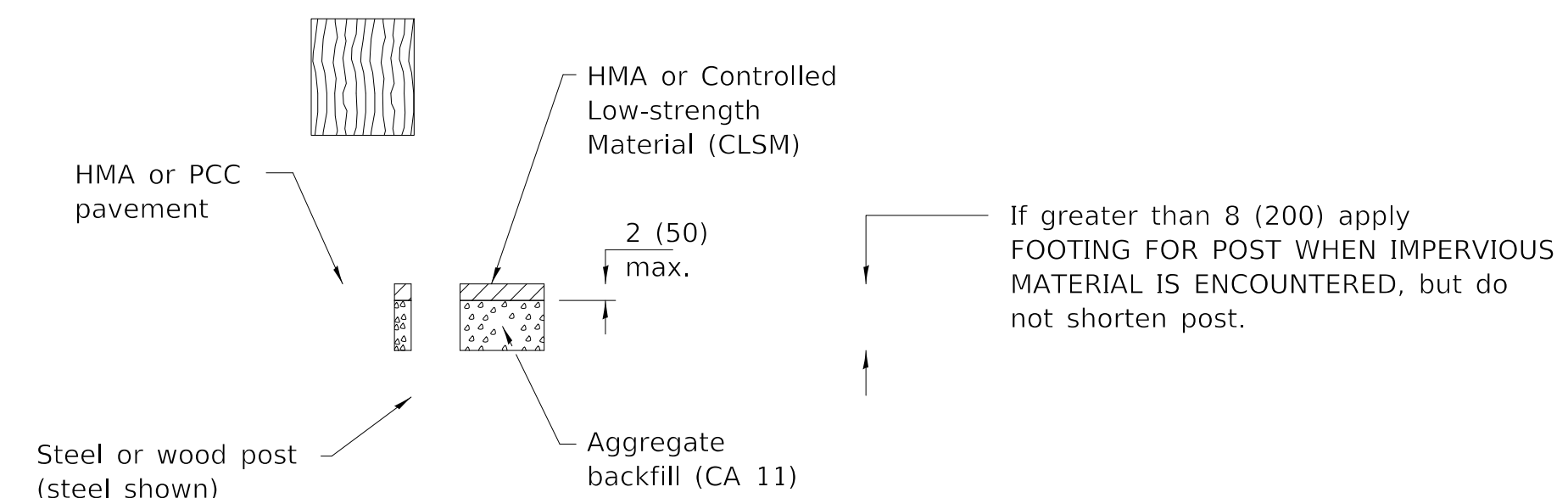
**PLAN**

V	W	L	
		Steel Post	Wood Post
0 - 6 (0 - 152)	24 (610)	21 (530)	23 (580)
> 6 - 18 (> 152 - 458)	18 (458)	14 1/2 (368)	16 1/2 (419)
> 18 - 31 (> 458 - 787)	12 (305)	8 (203)	10 (250)
> 31 - 40 1/2 (> 787 - 1.02 m)	12 - 0 (305 - 0)	8 (203)	10 (250)



**ELEVATION**

**FOOTING FOR POST WHEN IMPERVIOUS  
MATERIAL IS ENCOUNTERED**



**ELEVATION**

**LEAVE-OUT FOR POST WHEN PAVED  
MATERIAL IS ENCOUNTERED**

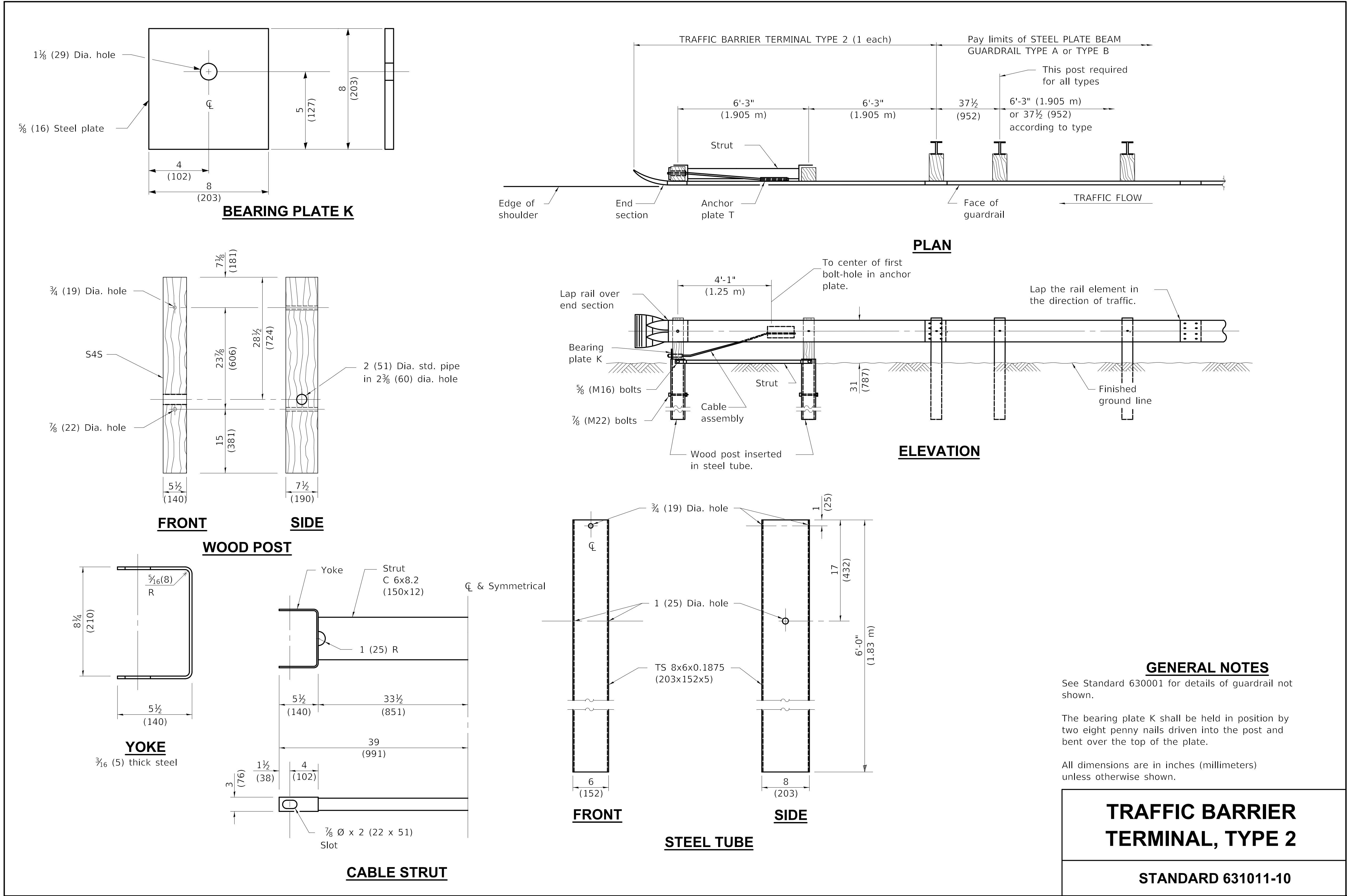
**STEEL PLATE BEAM  
GUARDRAIL**

(Sheet 4 of 4)

**STANDARD 630001-12**

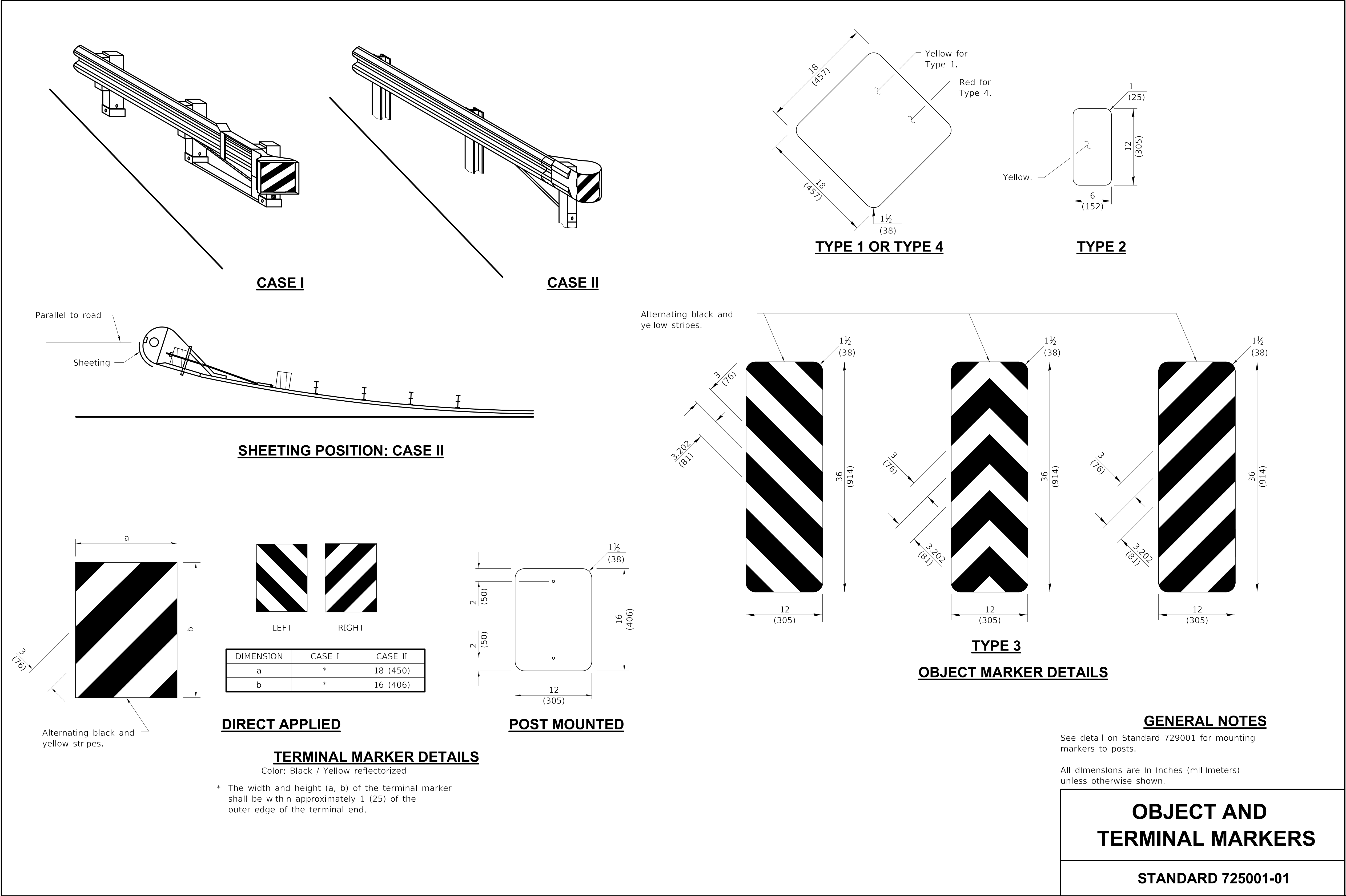
REVISIONS			
NO.	BY	DATE	DESCRIPTION





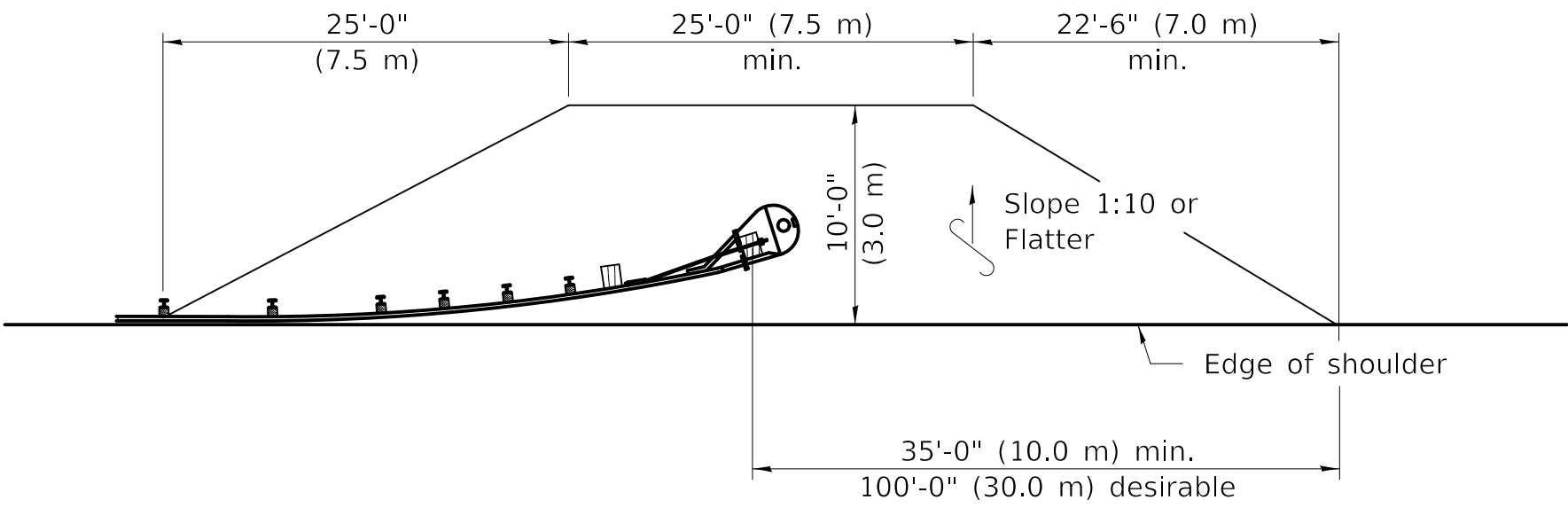
REVISIONS				
NO.	BY	DATE	DESCRIPTION	



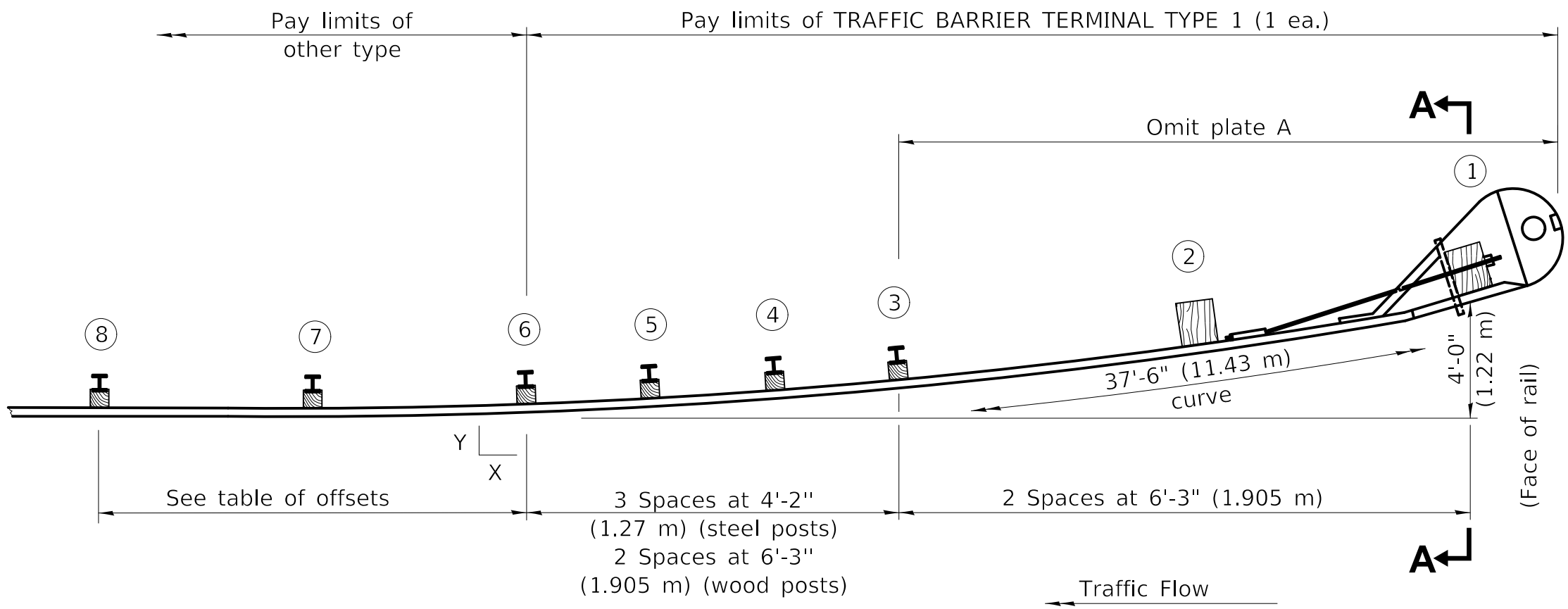




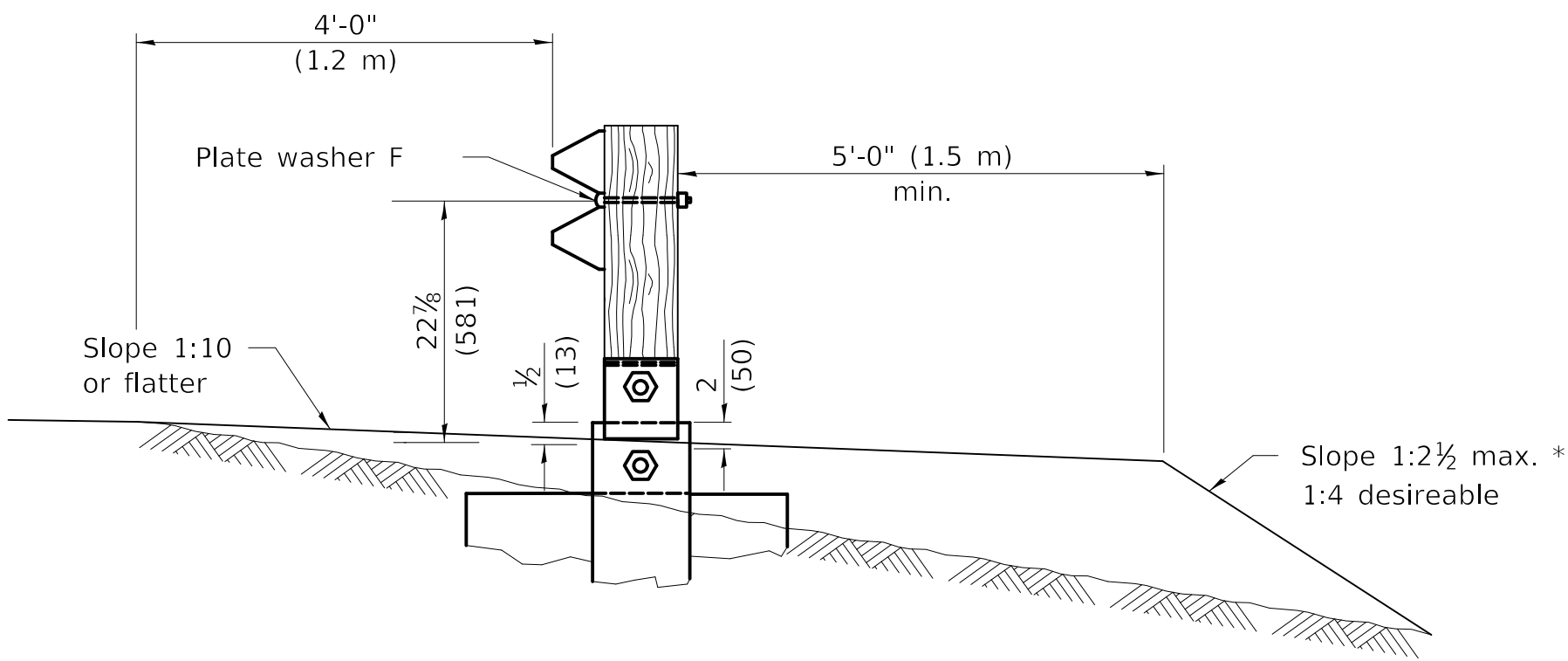
OFFSETS TO FACE OF RAIL		
Post	X ft (m)	Y ft (m)
①	37.22 (11.345)	4.0 (1.22)
②	31.09 (9.475)	2.79 (0.850)
③	24.92 (7.595)	1.79 (0.545)
④	20.79 (6.335)	1.25 (0.380)
⑤	16.64 (5.070)	0.80 (0.245)
⑥	12.49 (3.805)	0.45 (0.135)
⑦	6.25 (1.905)	0.11 (0.035)
⑧	0.00 (0.00)	0.00 (0.00)



SHOULDER WIDENING TRANSITION

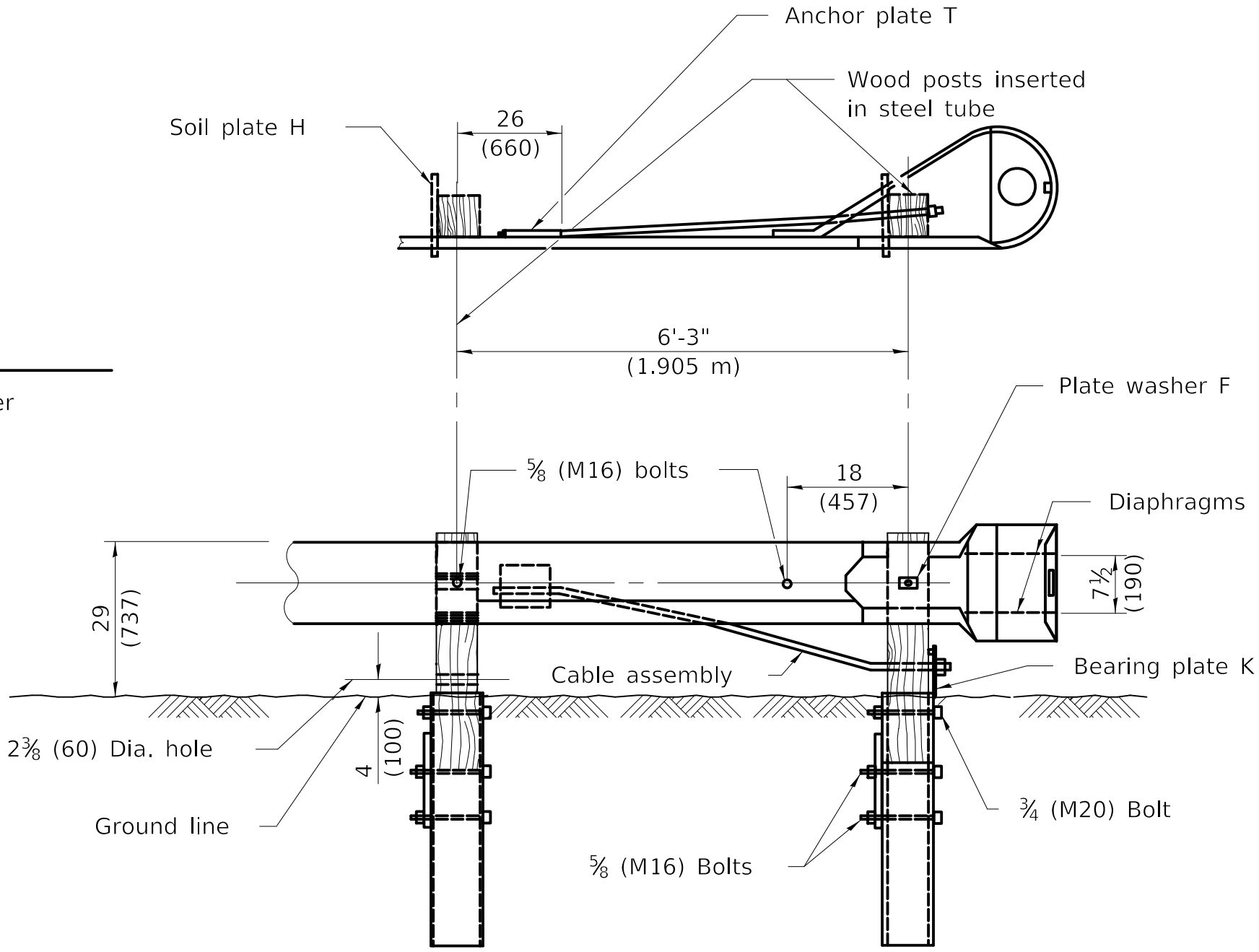


PLAN



SECTION A-A

\* If fill height exceeds 5'-0" (1.5 m) use 1:3 max.



WOOD BREAKAWAY POSTS  
TUBULAR STEEL FOUNDATIONS

GENERAL NOTES

See Standard B.L.R. 26 for details of guardrail not shown.

Posts at location 1 & 2 shall be wood breakaway posts. Posts other than 1 & 2 may be either standard wood posts or steel posts, at the option of the Contractor. If standard wood posts are used, one post shall be located midway between and in lieu of posts 4 & 5. The offset (Y) for this post shall be 12 (300).

A two-piece assembly may be substituted for the one piece nose shown above.

The bearing plate K shall be held in position by (2) two eightpenny nails driven into the post and bent over the top of the plate.

When this terminal is used with Standard 630001, the guardrail shall transition down to the height of the terminal prior to post 8.

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

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

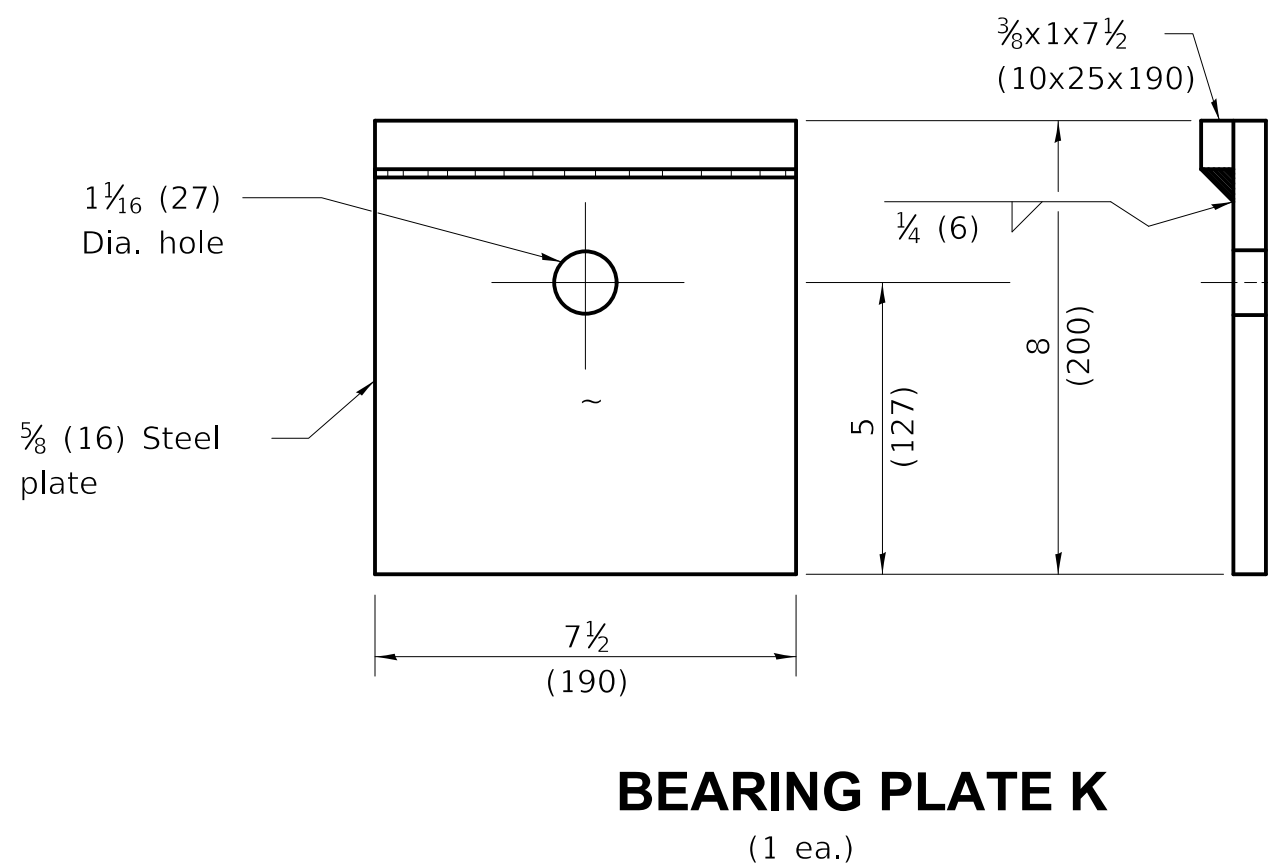
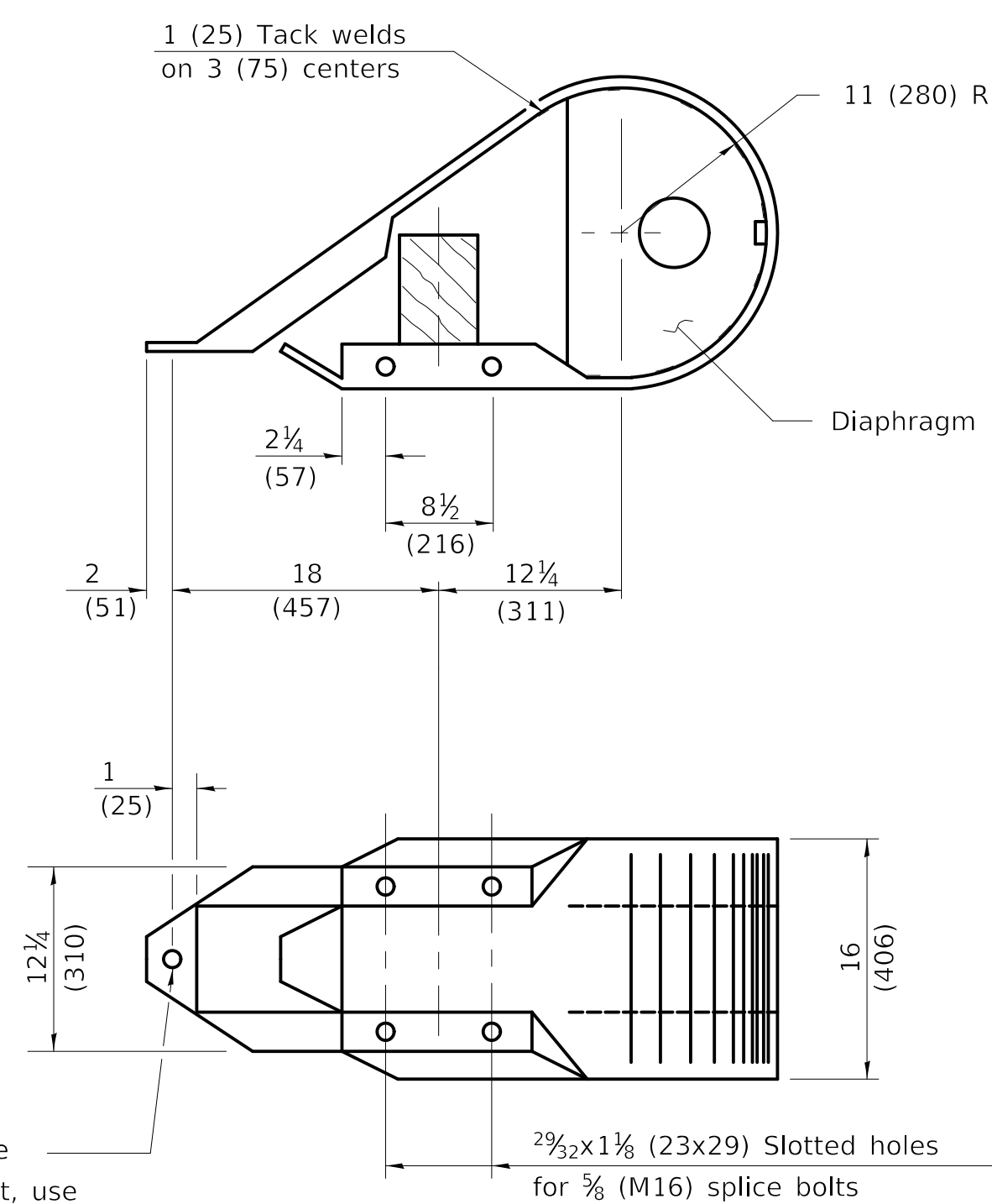
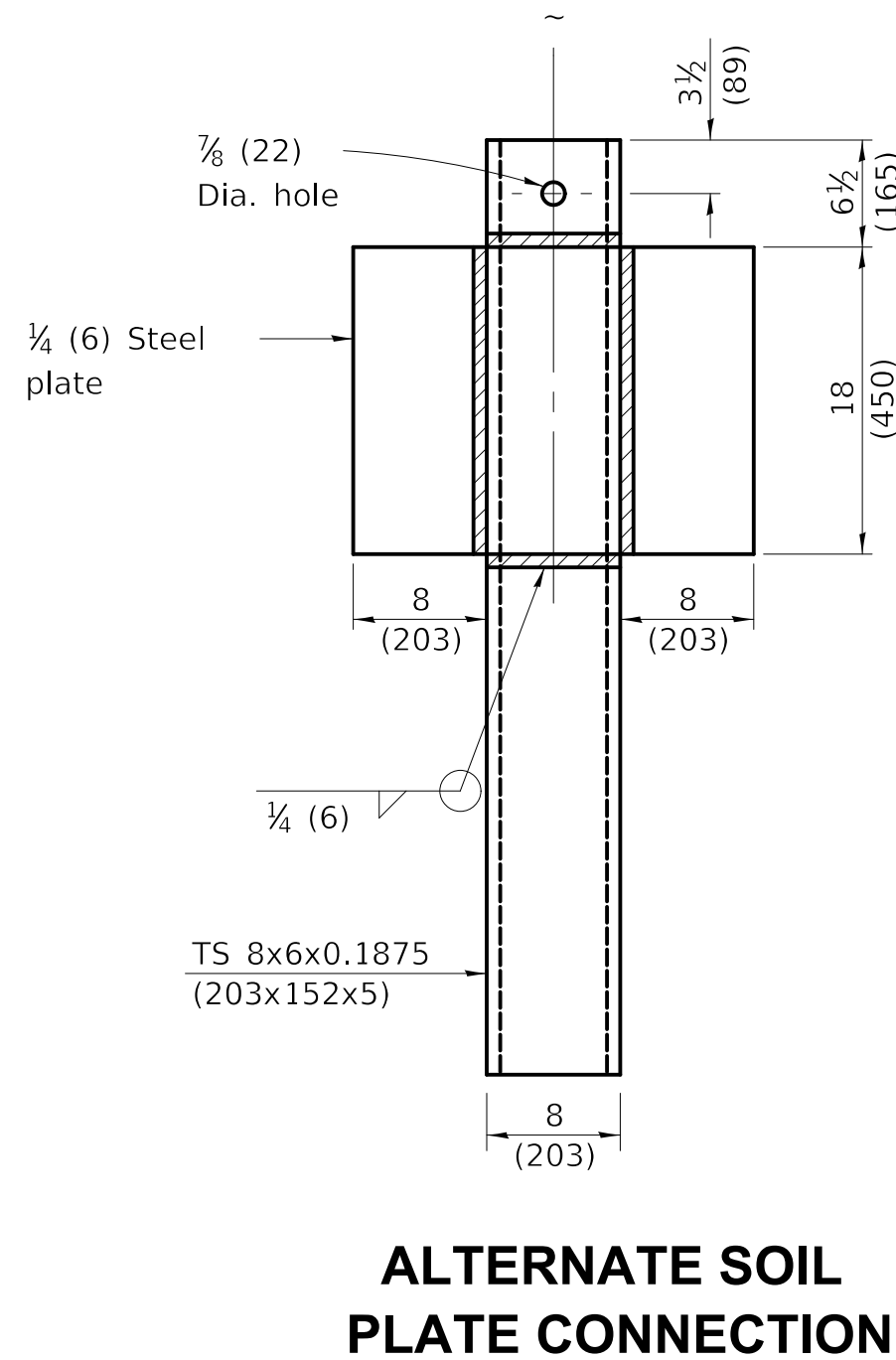
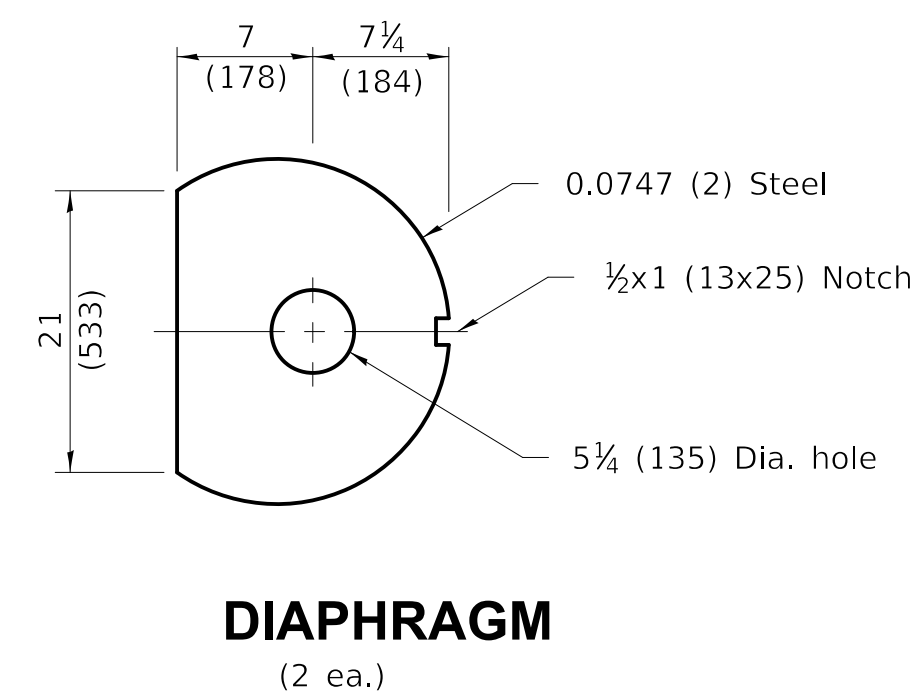
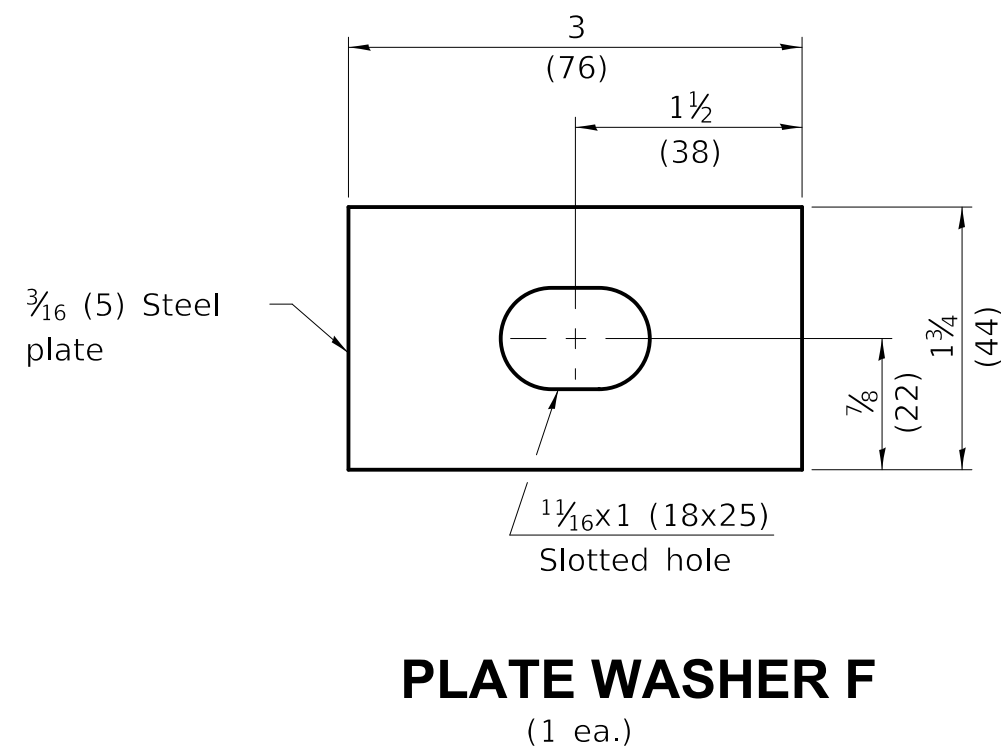
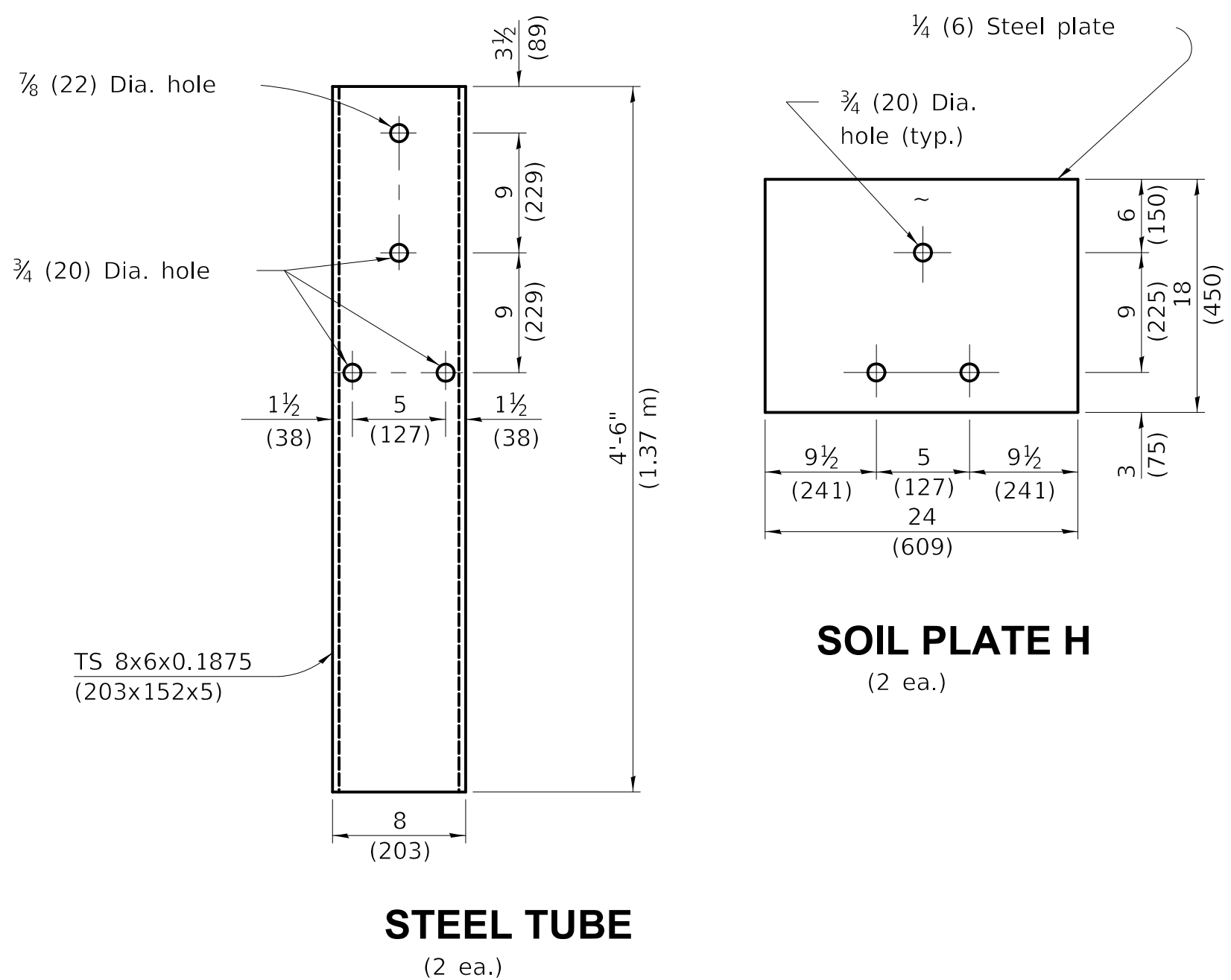
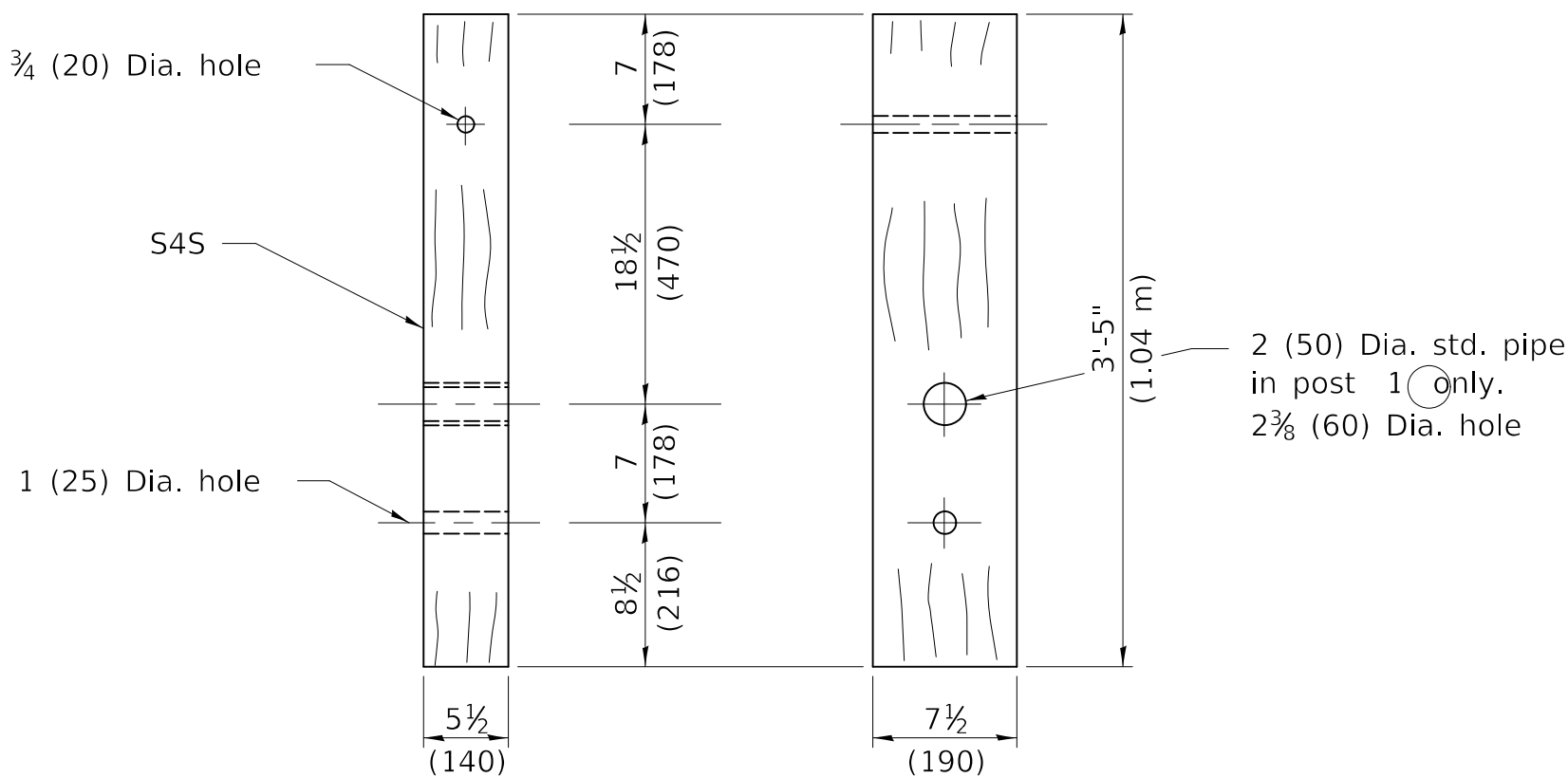
TRAFFIC BARRIER  
TERMINAL TYPE 1

(Sheet 1 of 2)

STANDARD B.L.R. 23-4

REVISIONS			
NO.	BY	DATE	DESCRIPTION





## TRAFFIC BARRIER TERMINAL TYPE 1

(Sheet 2 of 2)

STANDARD B.L.R. 23-4

REVISIONS			
NO.	BY	DATE	DESCRIPTION