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.

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

i. 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
ii. 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, 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

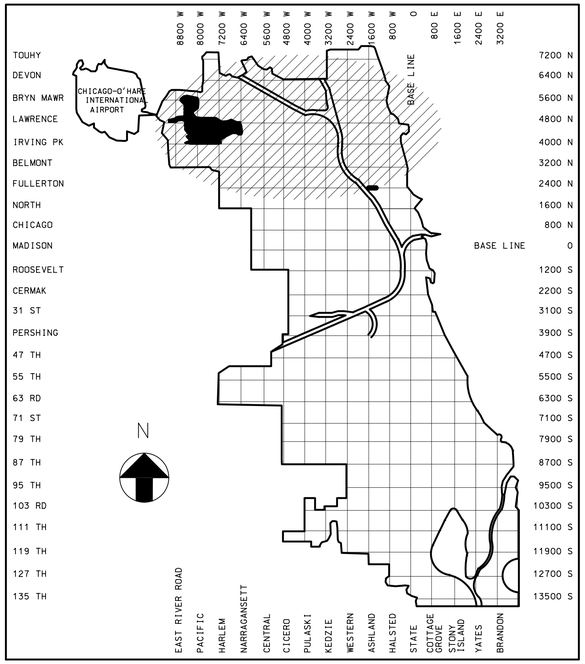
CERTIFICATION

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 THATI BELIEVE THEY ARE IN ACCORDANCE WITH THEAMERICANS WITH DISABILITIES ACT (ADA), AND ALLCODES AND BUILDING ORDINANCES OF THE CITY OFCHICAGO, 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

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

HIGHWAY STANDARDS

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.

CDOT
CHICAGO DEPARTMENT OF TRANSPORTATION

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 TRA.FFIC 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 SWEPT 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.

CDOT
CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

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

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

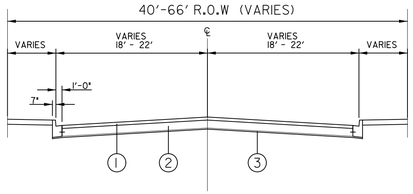
Item No.	Code Number	Description	Unit	TOTAL	W. Addison St. (N. Keeler Ave. - W. Avondale Ave.)	N. Avondale Ave./W. Gregory St. (N. Harlem Ave. - N. Moody Ave.)	N. Avondale Ave. (W. Addison St. - I-90/94 Entrance Ramp, 3532 N)	N. East River Rd. (W. Higgins Ave. - W. Bryn Mawr Ave.)	N. Elston Ave. (W. Melvina Ave. - W. Foster Ave.)	N. Kedzie Avenue (W. Palmer St. - W. North Ave.)	N. Kostner Ave. (W. Diversey Ave. - W. 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.)	
					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

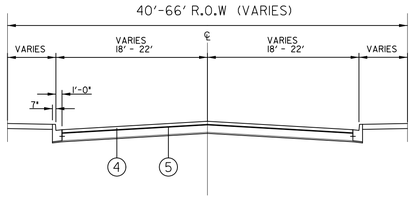
Item No.	Code Number	Description	Unit	TOTAL	W. Addison St. (N. Keeler Ave. - W. Avondale Ave.) 0.65 mile	N. Avondale Ave./W. Gregory St. (N. Harlem Ave. - N. Moody Ave.) 1.30 miles	N. Avondale Ave. (W. Addison St. - I-90/94 Entrance Ramp, 3532 N) 0.15 mile	N. East River Rd. (W. Higgins Ave. - W. Bryn Mawr Ave.) 0.50 mile	N. Elston Ave. (W. Melvina Ave. - W. Foster Ave.) 2.00 miles	N. Kedzie Avenue (W. Palmer St. - W. North Ave.) 0.70 mile	N. Kostner Ave. (W. Diversey Ave. - W. Fullerton Ave.) 0.50 mile	N. Oak Park Ave. (W. Armitage Ave. - W. North Ave.) 0.50 mile	N. Ridge Blvd./N. Ravenswood Ave. (W. Peterson Ave. to N. Devon Ave.) 0.40 mile	N. Sacramento Ave. (W. Palmer St. to N. Milwaukee Ave.) 0.30 mile	W. Wilson Ave. (N. Damen Ave. - N. Lake Shore Dr.) 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

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

Item No.	Code Number	Description	Unit	TOTAL	W. Addison St. (N. Keeler Ave. - W. Avondale Ave.) 0.65 mile	N. Avondale Ave./W. Gregory St. (N. Harlem Ave. - N. Moody Ave.) 1.30 miles	N. Avondale Ave. (W. Addison St. - I-90/94 Entrance Ramp, 3532 N) 0.15 mile	N. East River Rd. (W. Higgins Ave. - W. Bryn Mawr Ave.) 0.50 mile	N. Elston Ave. (W. Melvina Ave. - W. Foster Ave.) 2.00 miles	N. Kedzie Avenue (W. Palmer St. - W. North Ave.) 0.70 mile	N. Kostner Ave. (W. Diversey Ave. - W. Fullerton Ave.) 0.50 mile	N. Oak Park Ave. (W. Armitage Ave. - W. North Ave.) 0.50 mile	N. Ridge Blvd./N. Ravenswood Ave. (W. Peterson Ave. to N. Devon Ave.) 0.40 mile	N. Sacramento Ave. (W. Palmer St. to N. Milwaukee Ave.) 0.30 mile	W. Wilson Ave. (N. Damen Ave. - N. Lake Shore Dr.) 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



EXISTING

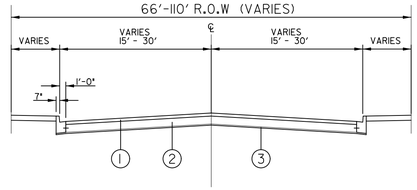


PROPOSED

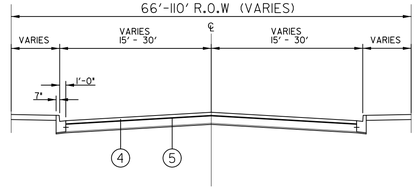
LEGEND

1. HOT-MIX ASHPALT 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, $1\frac{1}{2}$"
5. PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, $\frac{3}{4}$"

STREET NAME	FROM	TO
AVONDALE AVE./GREGORY ST.	HARLEM AVENUE	MOODY AVENUE
AVONDALE AVENUE	ADDISON STREET	I90/94 ENTRANCE RAMP (3532 N.)
KOSTNER AVENUE	DIVERSEY AVENUE	FULLERTON AVENUE
OAK PARK AVENUE	ARMITAGE AVENUE	NORTH AVENUE
SACRAMENTO AVENUE	PALMER STREET	MILWAUKEE AVENUE



EXISTING



PROPOSED

LEGEND

1. HOT-MIX ASHPALT 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, $1\frac{1}{2}$"
5. PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, $\frac{3}{4}$"

STREET NAME	FROM	TO
ADDISON STREET[1]	KELLER AVENUE	AVONDALE AVENUE
EAST RIVER ROAD	HIGGINS AVENUE	BRYN MAWR AVENUE
ELSTON AVENUE	MELVINA AVENUE	FOSTER AVENUE
KEDZIE AVENUE	PALMER STREET	NORTH AVENUE
RIDGE BLVD./RAVENSWOOD AVE.	NORWOOD STREET	DEVON AVENUE
WILSON AVENUE[1]	DAMEN 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.

CDOT
CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

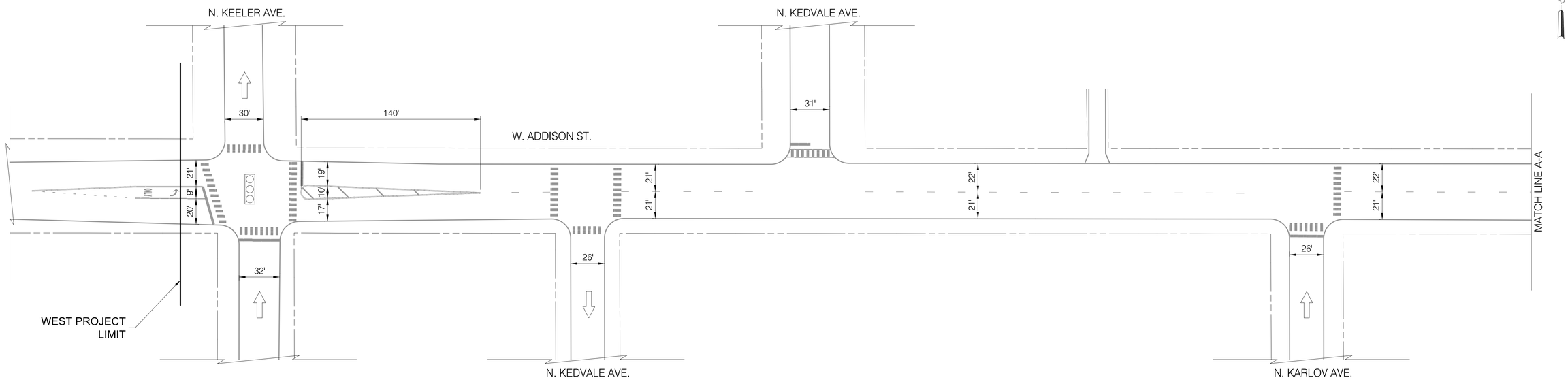
TYPICAL SECTIONS

SCALE: N.T.S.

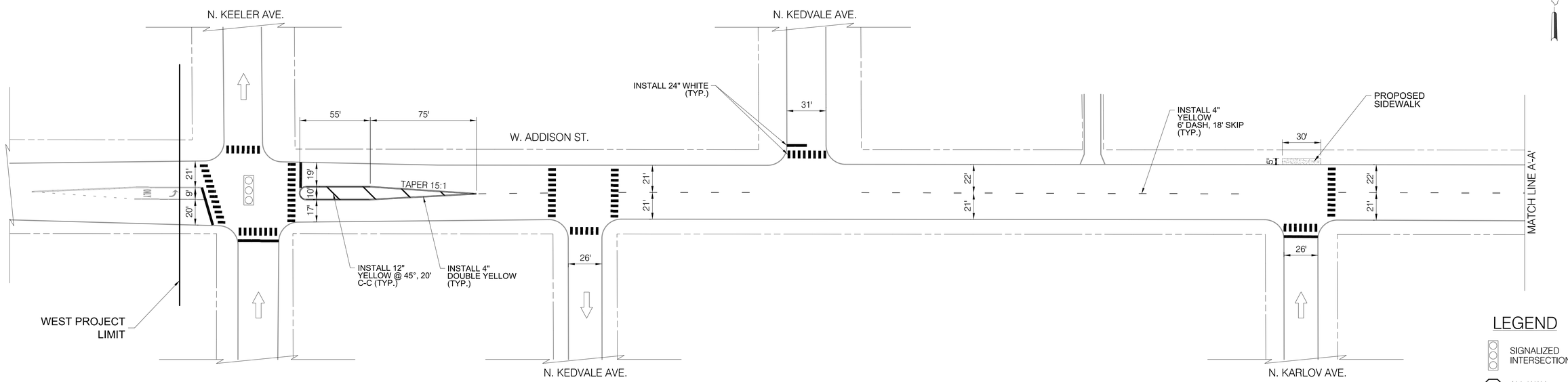
SHEET NO. 7

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

LEGEND

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

CDOT
CHICAGO DEPARTMENT OF TRANSPORTATION

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

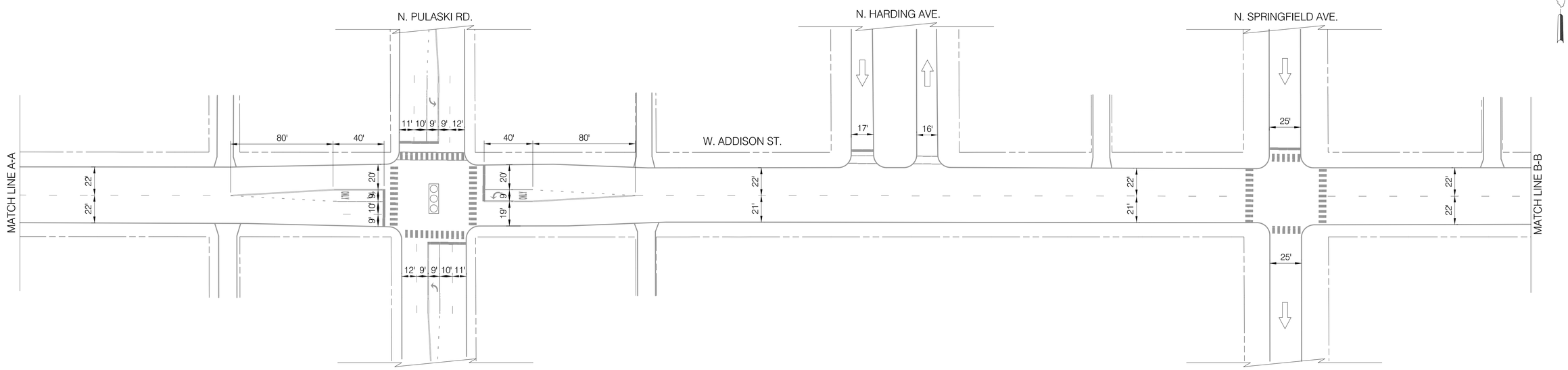
W. ADDISON STREET
N. KEELER AVE. TO N. AVONDALE AVE.

SCALE: 1" = 40'

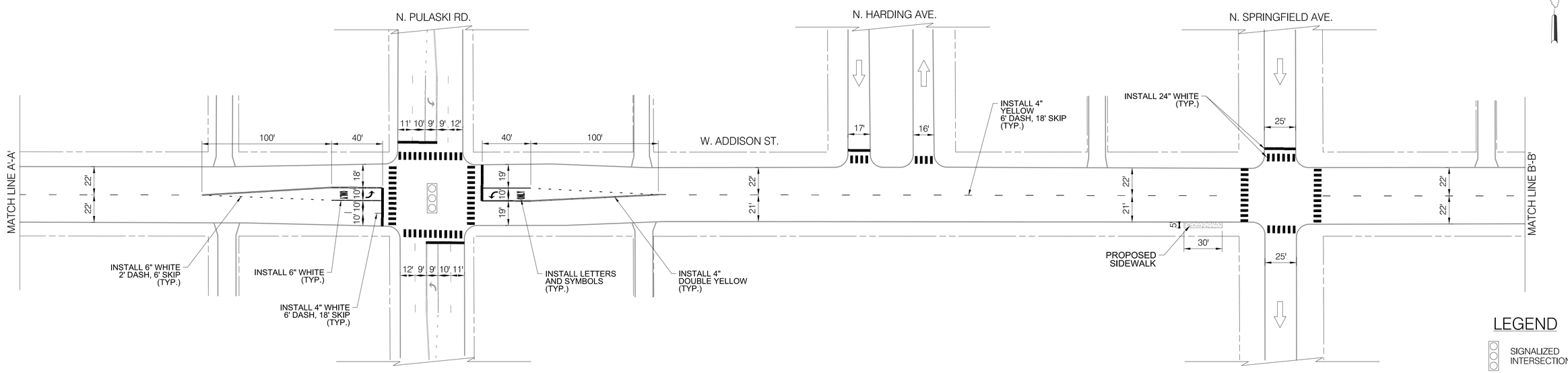
SHEET NO. 8

DATE:01/12/18

EXISTING CONDITIONS



INSTALLATION PLAN



LEGEND

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

NOTES

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CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

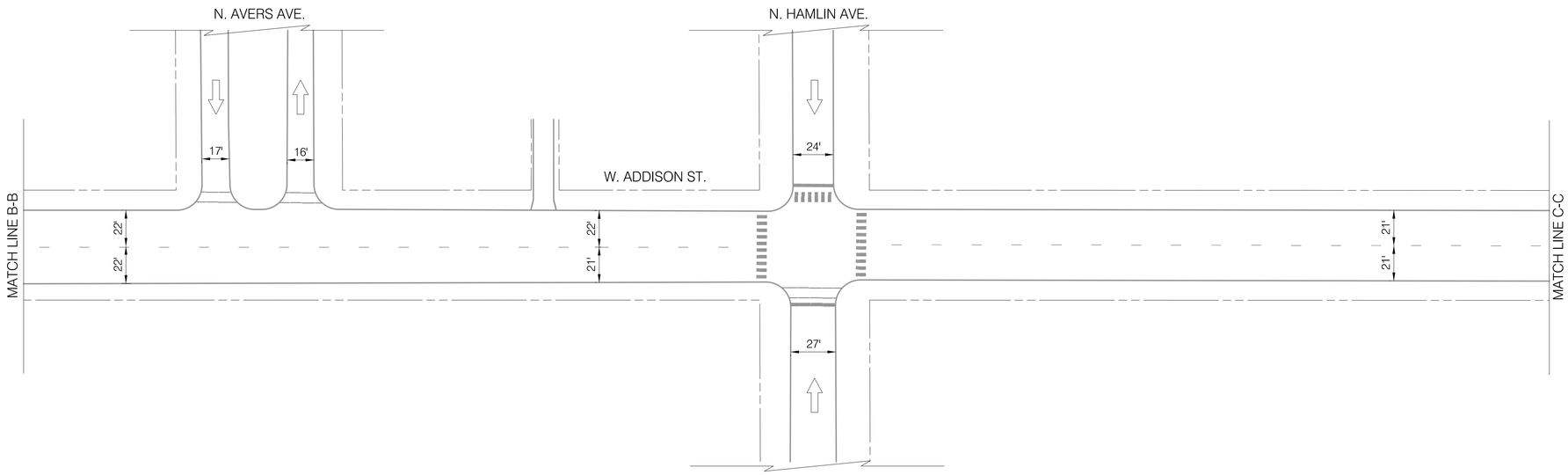
W. ADDISON STREET
N. KEELER AVE. TO N. AVONDALE AVE.

SCALE: 1" = 40'

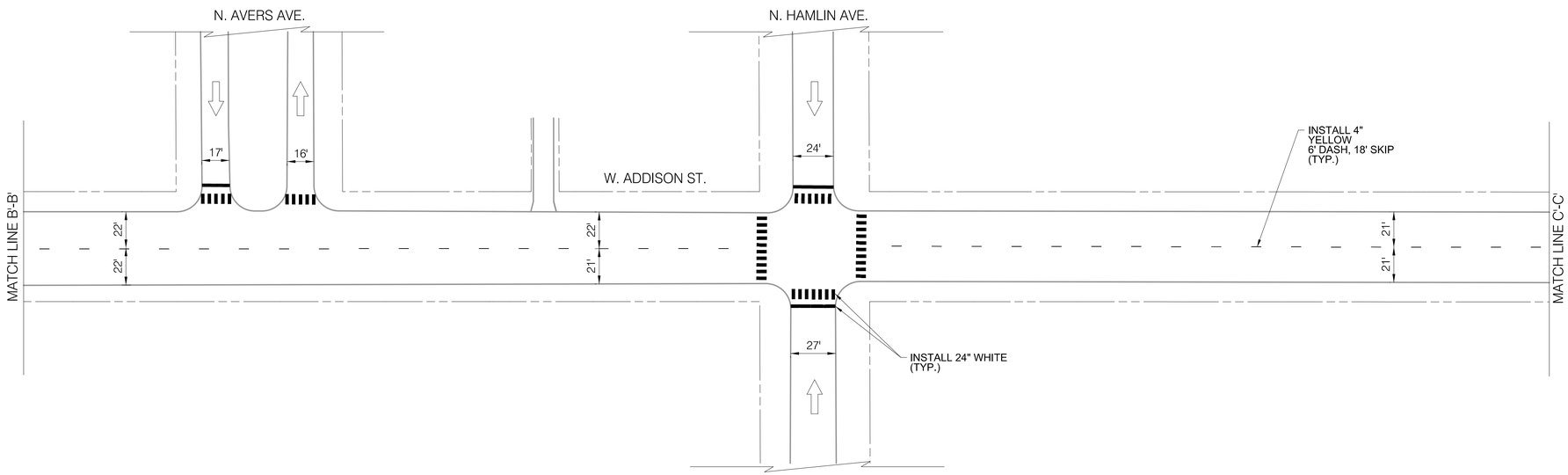
SHEET NO. 9

DATE:01/12/18

EXISTING CONDITIONS



INSTALLATION PLAN



LEGEND

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

NOTES

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CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

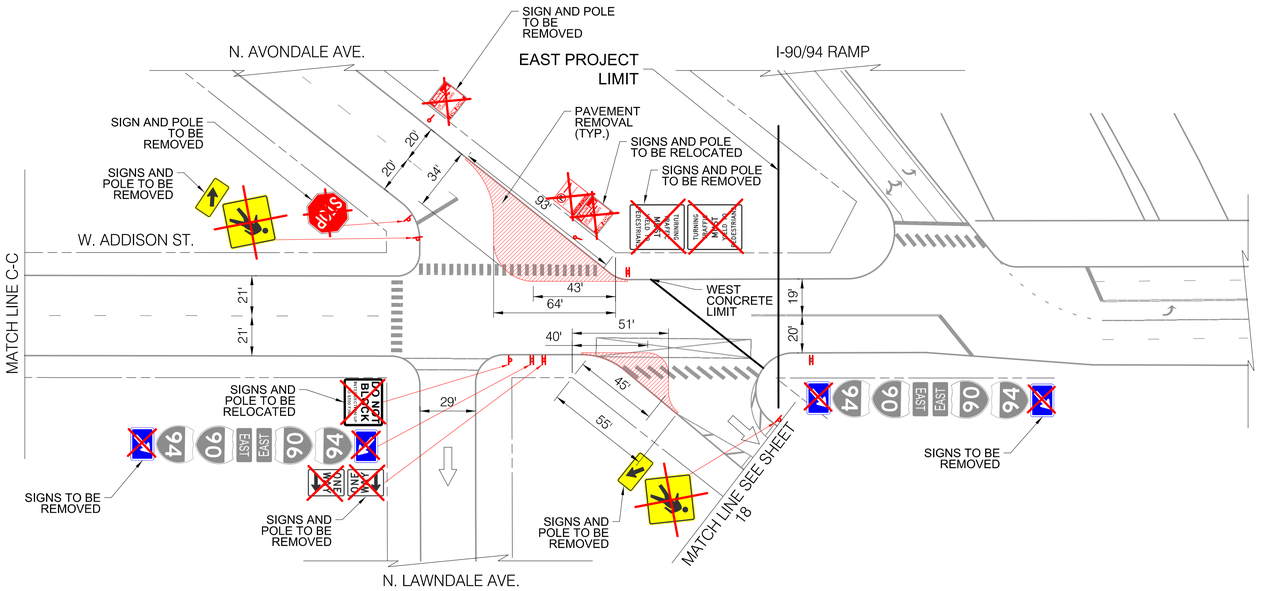
W. ADDISON STREET
N. KEELER AVE. TO N. AVONDALE AVE.

SCALE: 1" = 40'

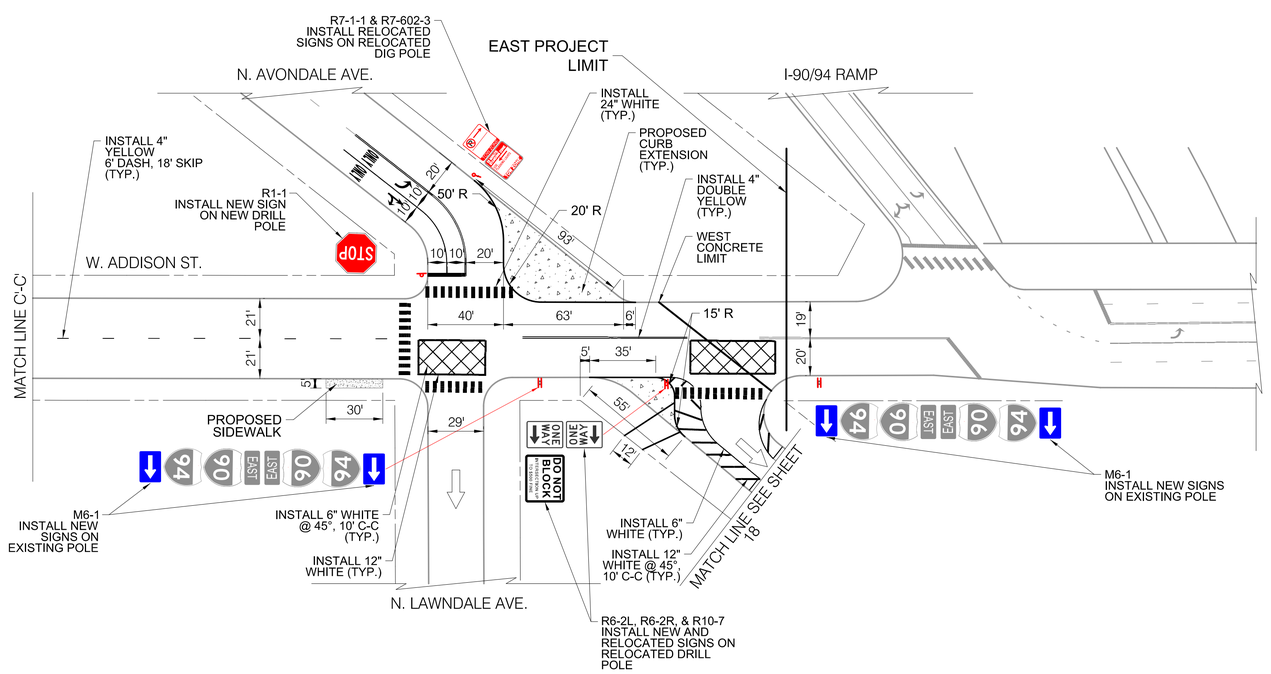
SHEET NO. 10

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
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LEGEND

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

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS			
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CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

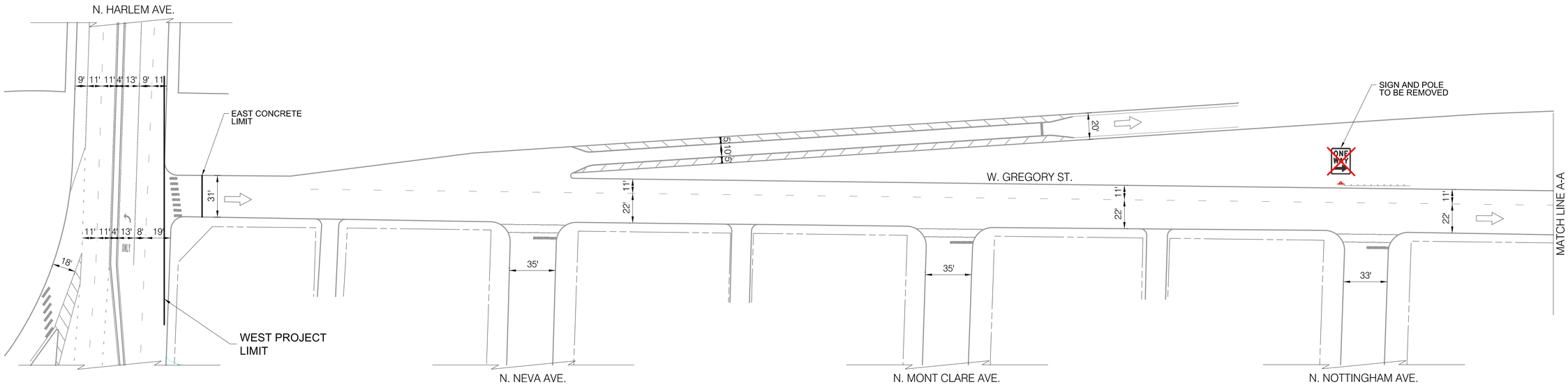
W. ADDISON STREET
N. KEELER AVE. TO N. AVONDALE AVE.

SCALE: 1" = 40'

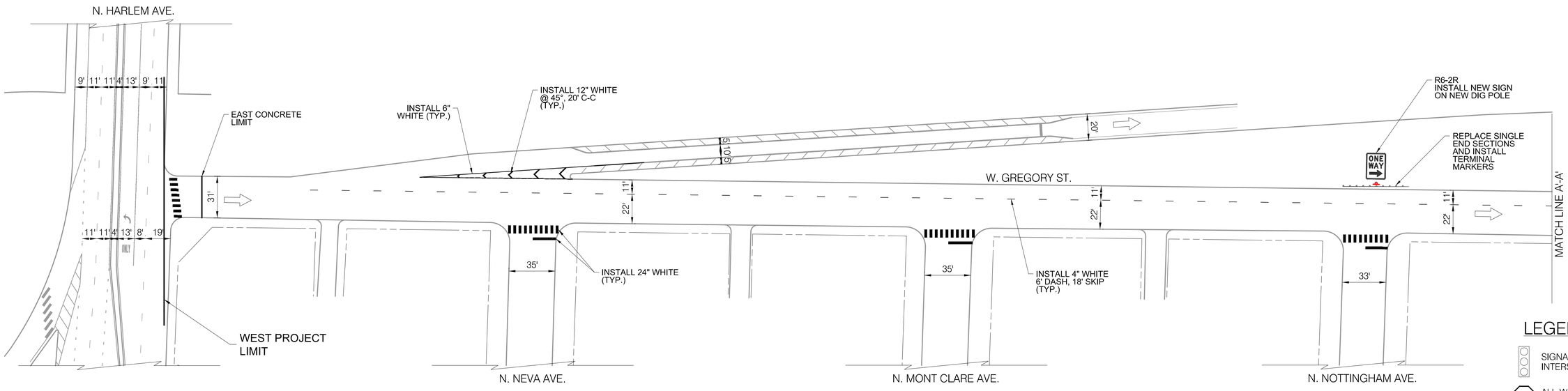
SHEET NO. 11

DATE:01/12/18

EXISTING CONDITIONS



INSTALLATION PLAN



LEGEND

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

NOTES

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

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

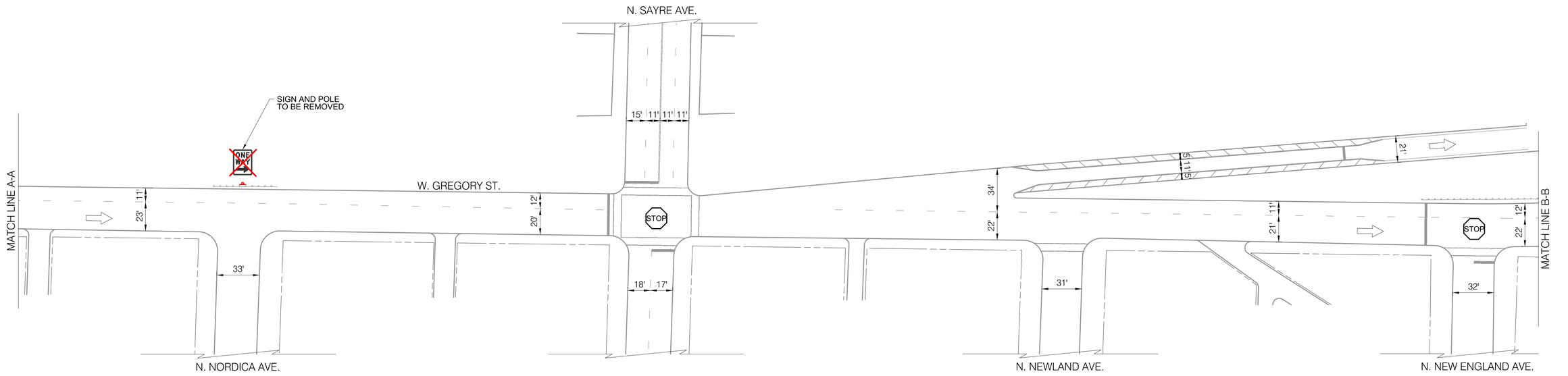
W. GREGORY STREET/
N. AVONDALE AVENUE
N. HARLEM AVE. TO N. MOODY AVE.

SCALE: 1" = 40'

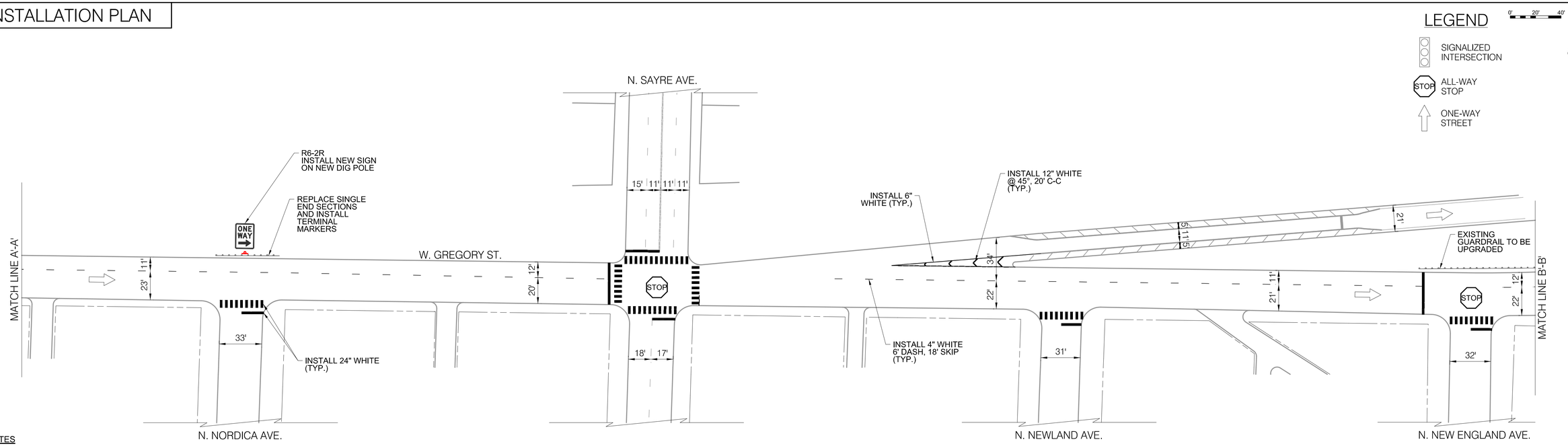
SHEET NO. 12

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
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CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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

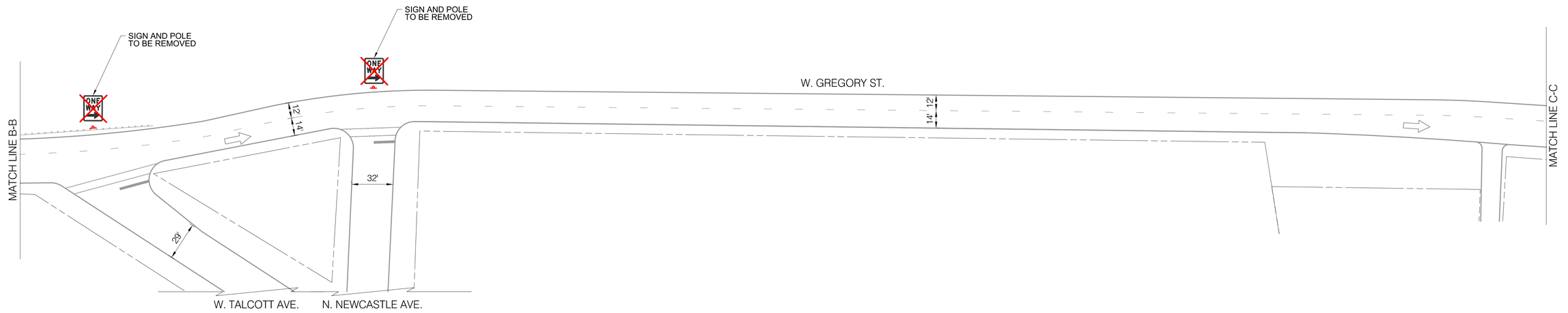
W. GREGORY STREET/
N. AVONDALE AVENUE
N. HARLEM AVE. TO N. MOODY AVE.

SCALE: 1" = 40'

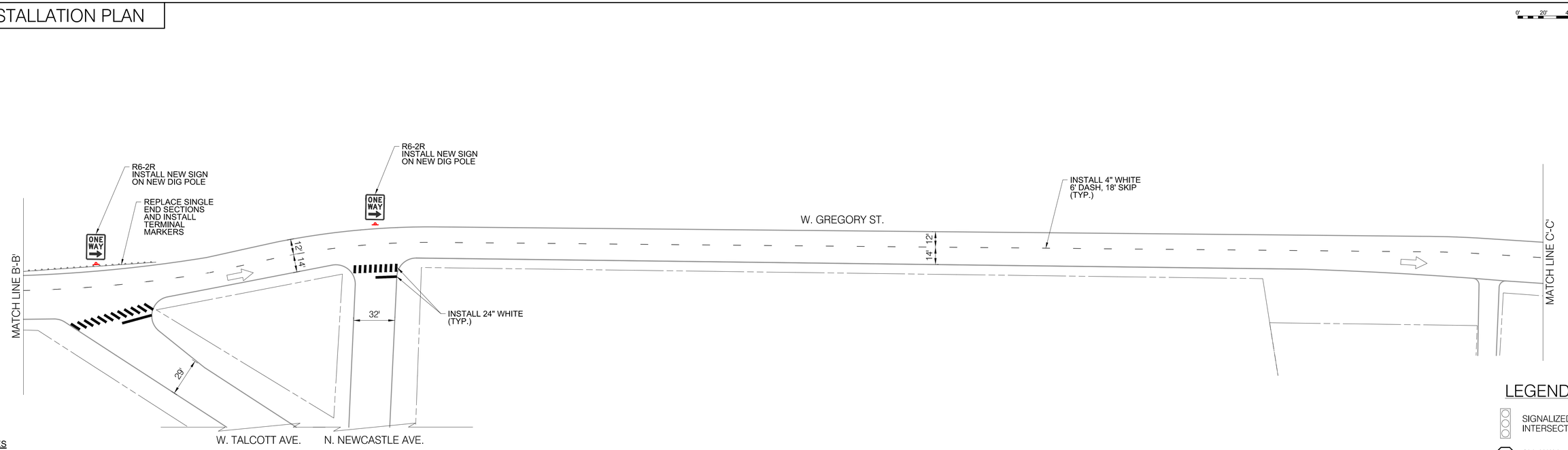
SHEET NO. 13

DATE:01/12/18

EXISTING CONDITIONS



INSTALLATION PLAN



LEGEND

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

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

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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

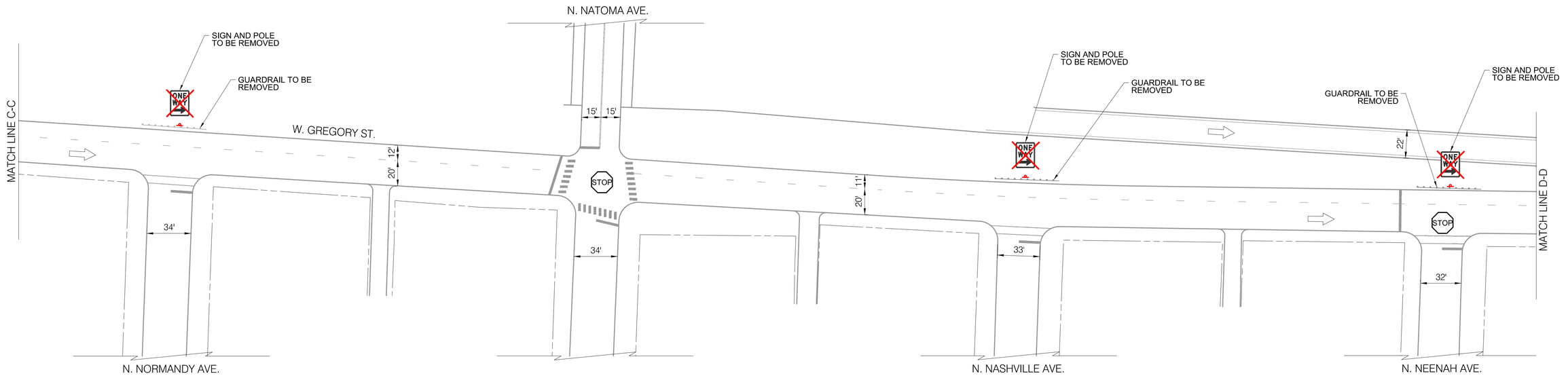
W. GREGORY STREET/
N. AVONDALE AVENUE
N. HARLEM AVE. TO N. MOODY AVE.

SCALE: 1" = 40'

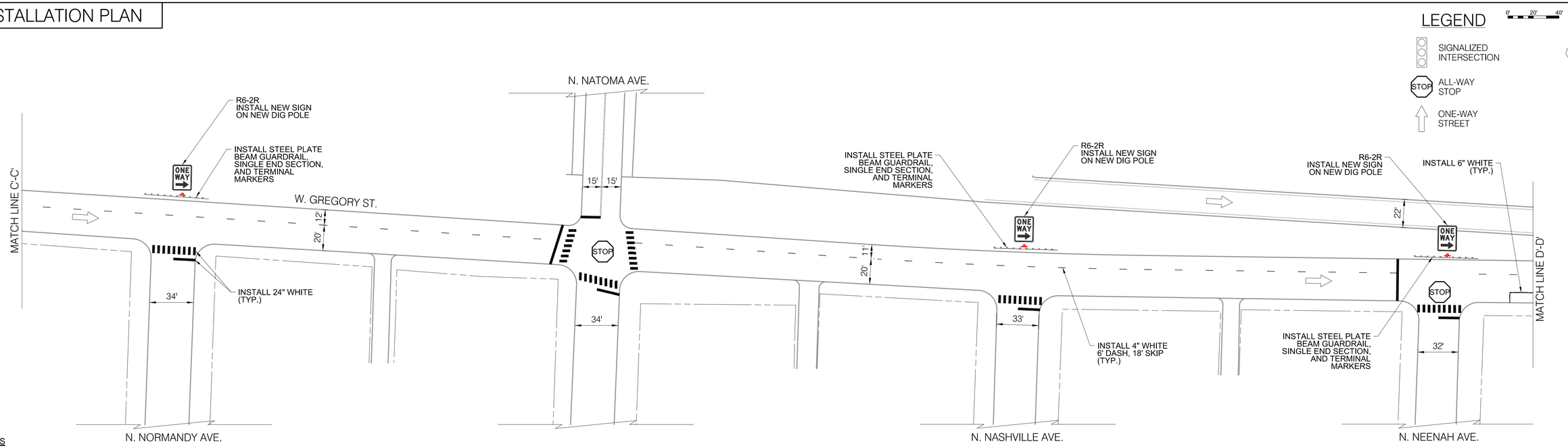
SHEET NO. 14

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

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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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

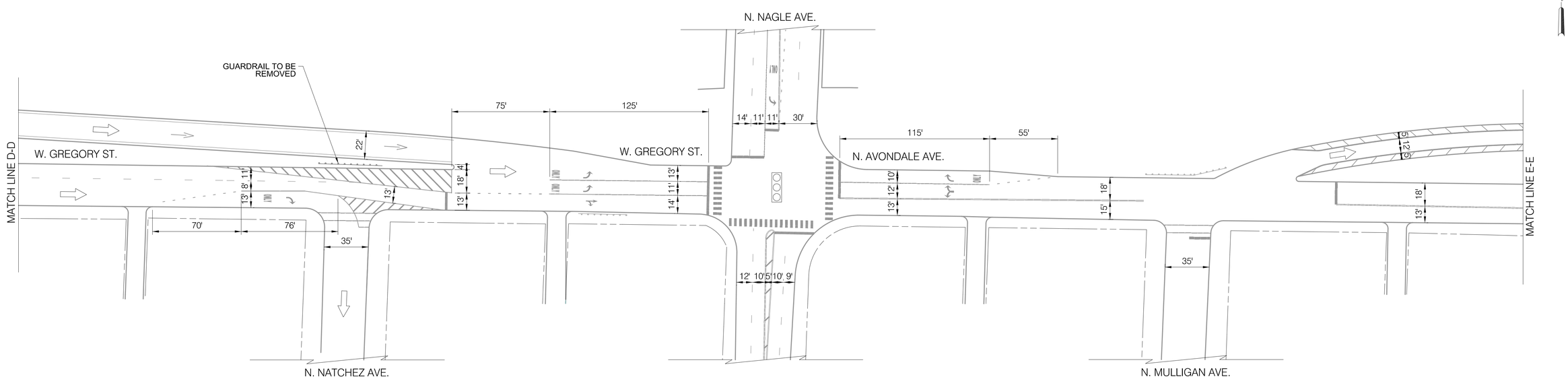
W. GREGORY STREET/
N. AVONDALE AVENUE
N. HARLEM AVE. TO N. MOODY AVE.

SCALE: 1" = 40'

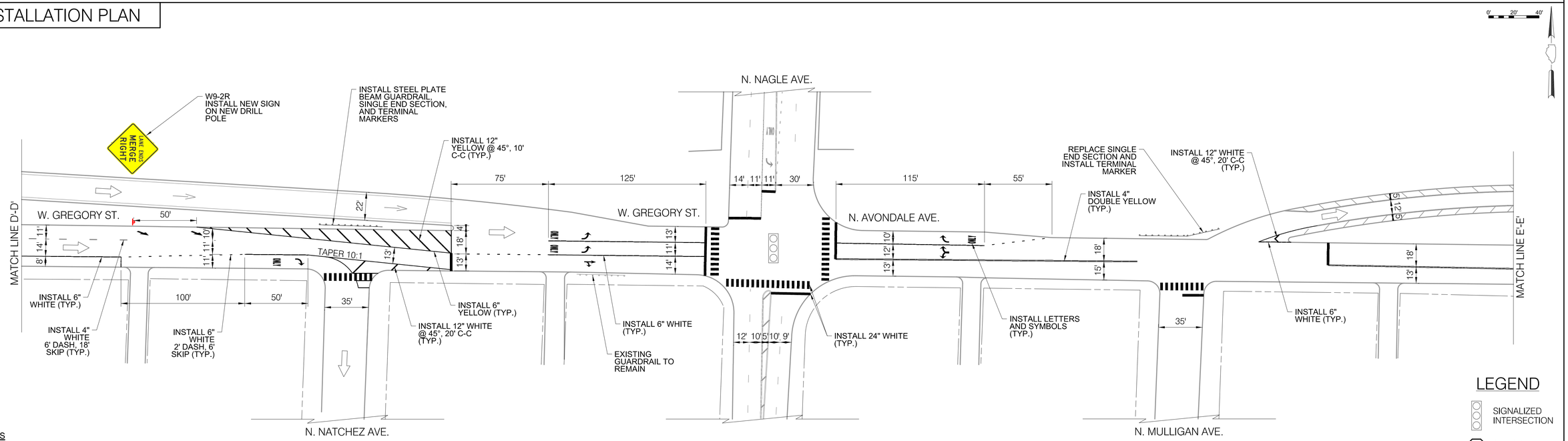
SHEET NO.
15

DATE:01/12/18

EXISTING CONDITIONS



INSTALLATION PLAN



LEGEND

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

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

CDOT
CHICAGO DEPARTMENT OF TRANSPORTATION

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

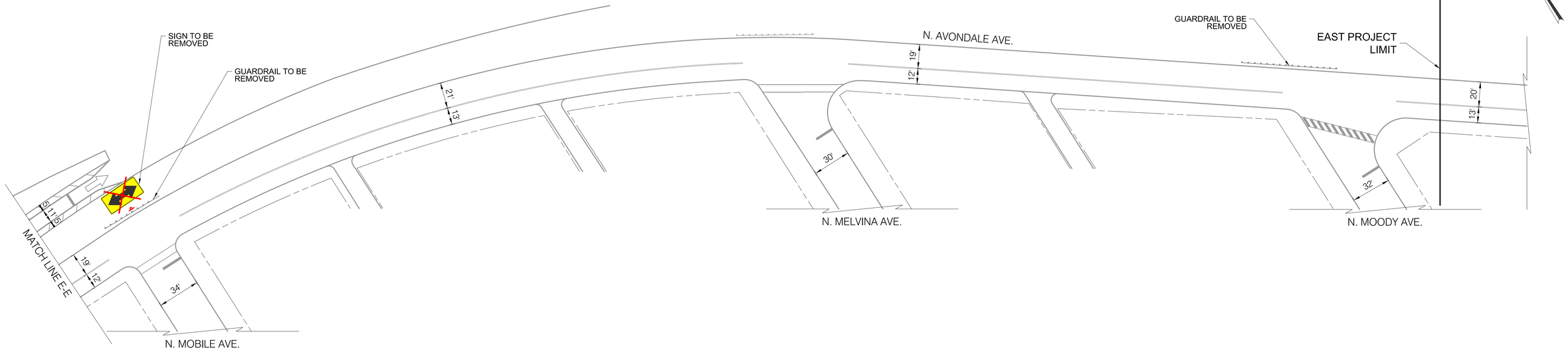
W. GREGORY STREET/
N. AVONDALE AVENUE
N. HARLEM AVE. TO N. MOODY AVE.

SCALE: 1" = 40'

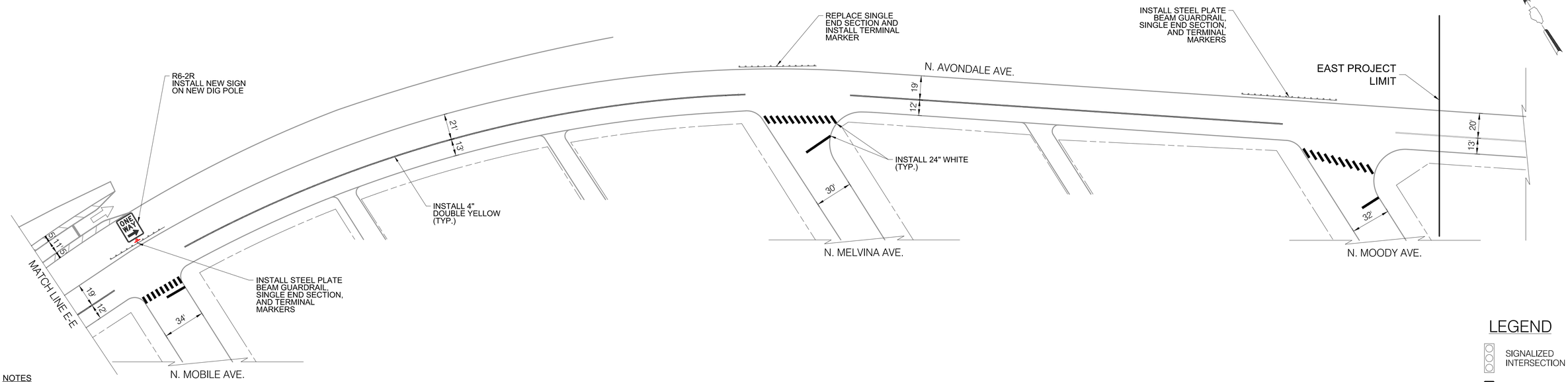
SHEET NO. 16

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
- STOP ALL-WAY STOP
- ONE-WAY STREET

CDOT
CHICAGO DEPARTMENT OF TRANSPORTATION

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

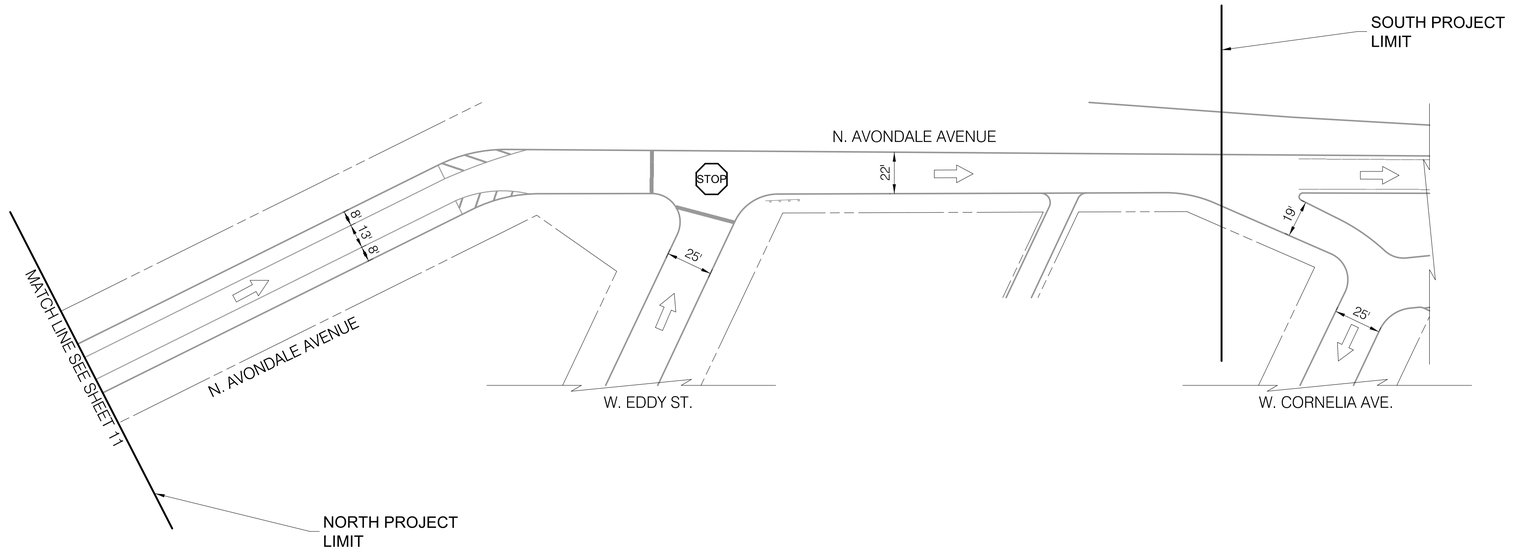
W. GREGORY STREET/
N. AVONDALE AVENUE
N. HARLEM AVE. TO N. MOODY AVE.

SCALE: 1" = 40'

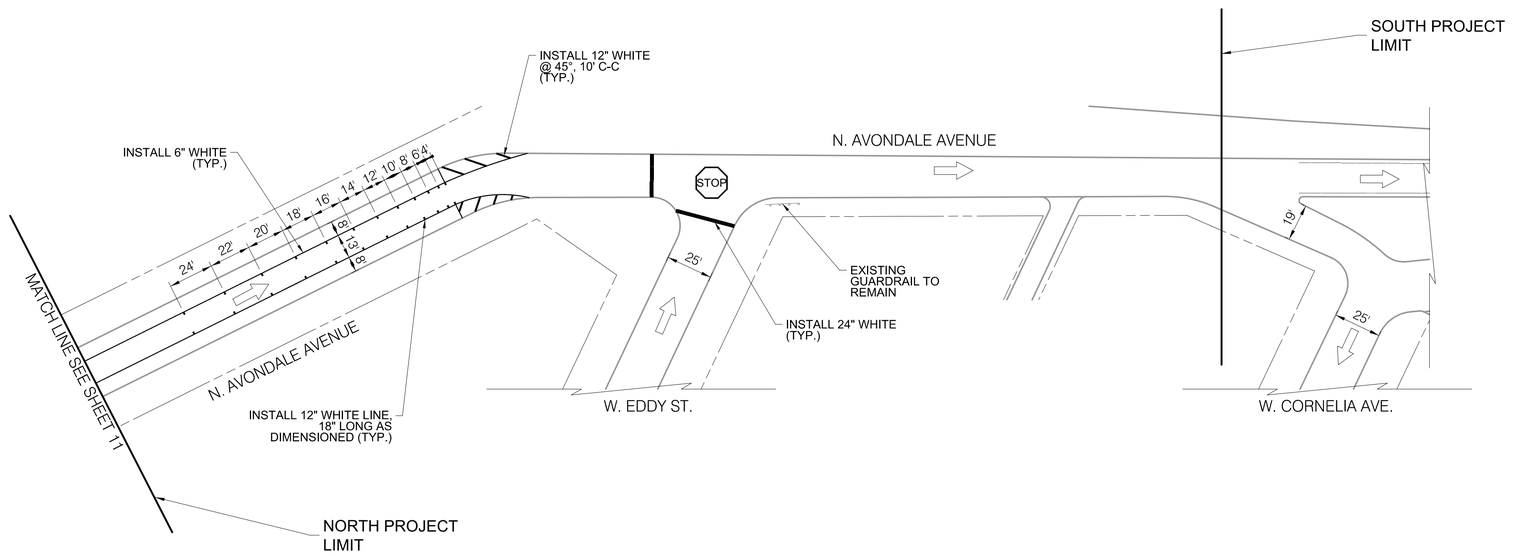
SHEET NO. 17

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
- STOP ALL-WAY STOP
- ONE-WAY STREET

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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

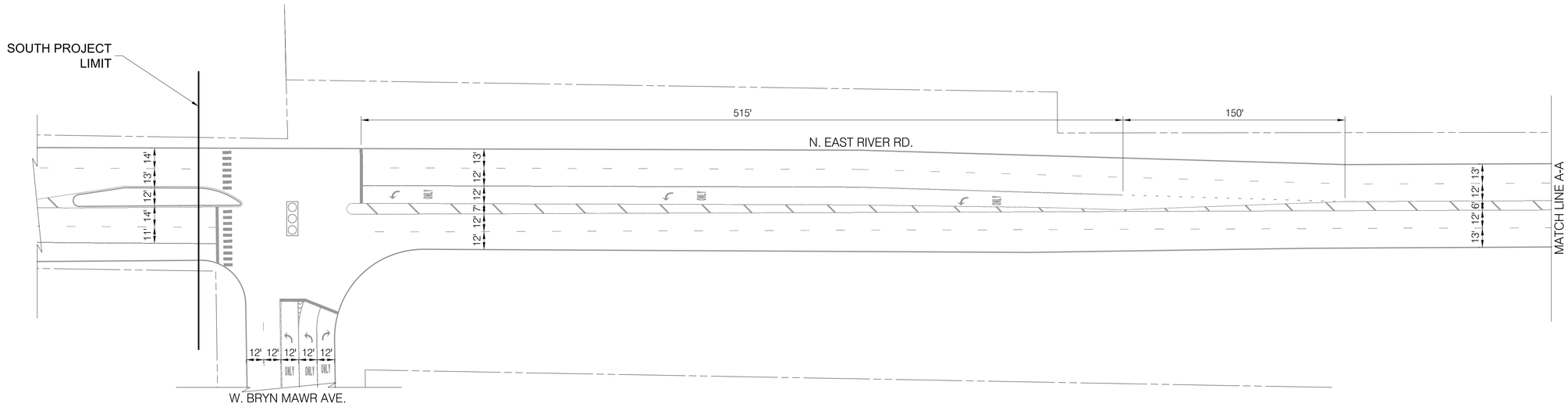
N. AVONDALE AVENUE
W. ADDISON ST. TO
I-90/I-94 ENTRANCE RAMP

SCALE: 1" = 40'

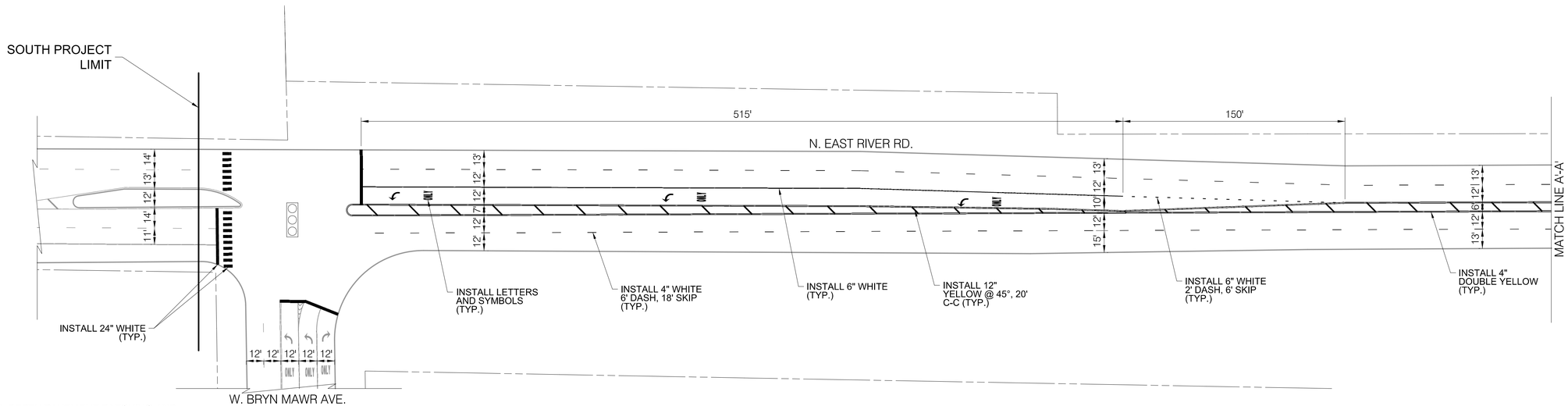
SHEET NO. 18

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
- STOP ALL-WAY STOP
- ONE-WAY STREET

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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

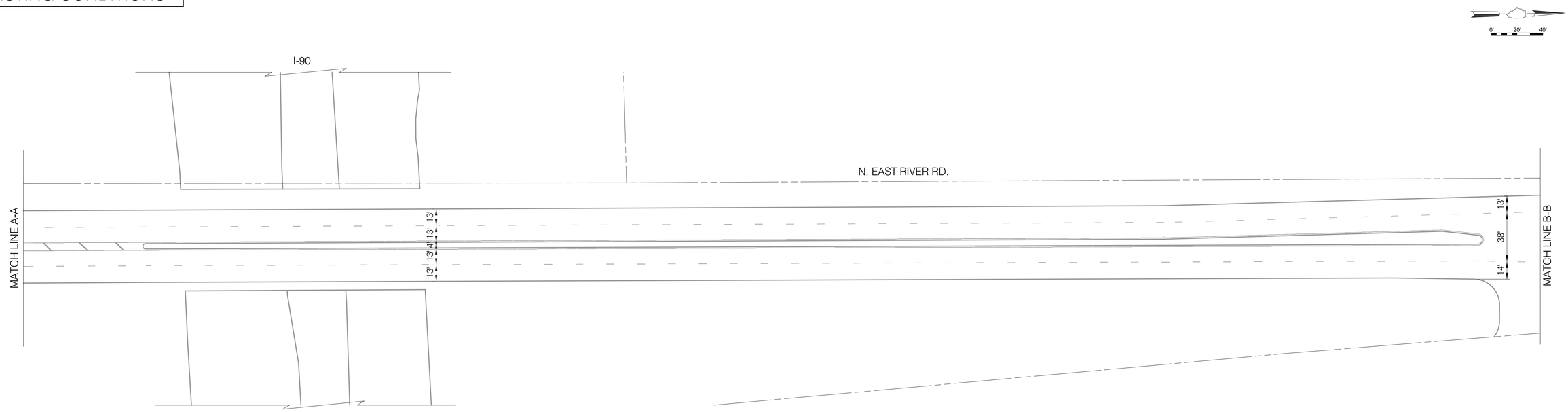
N. EAST RIVER ROAD
BRYN MAWR AVE. TO
W. HIGGINS AVE.

SCALE: 1" = 40'

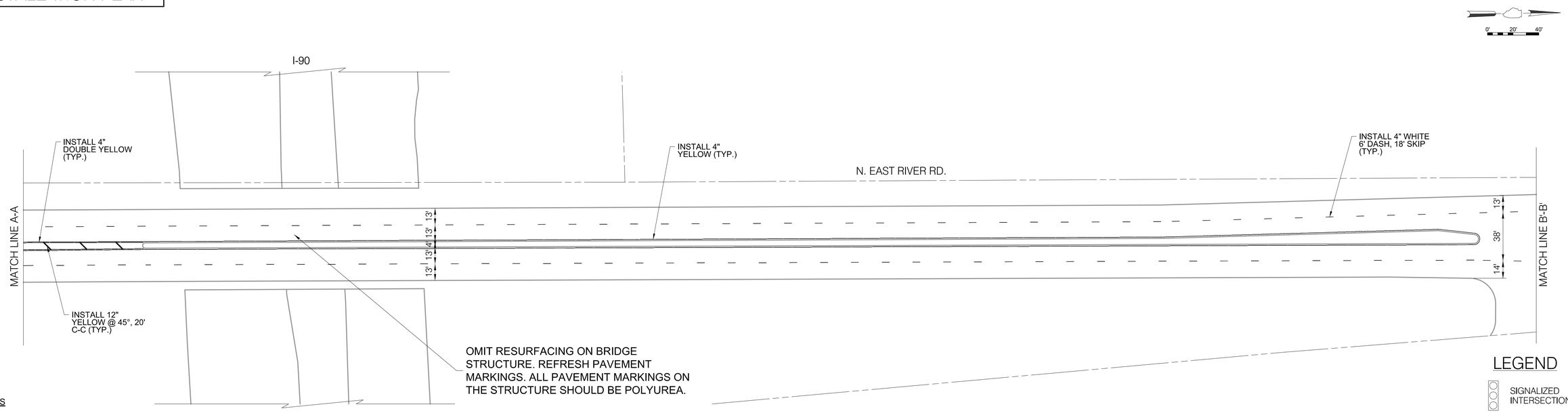
SHEET NO.
19

DATE:01/12/18

EXISTING CONDITIONS



INSTALLATION PLAN



LEGEND

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

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

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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

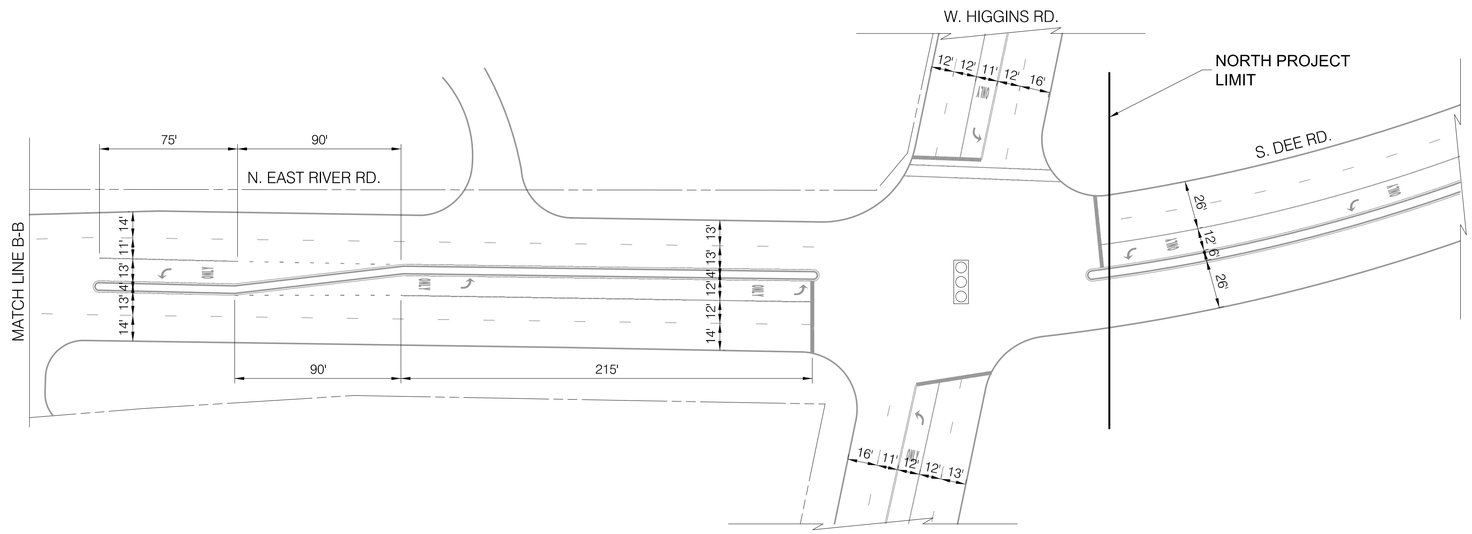
N. EAST RIVER ROAD
BRYN MAWR AVE. TO
W. HIGGINS AVE.

SCALE: 1" = 40'

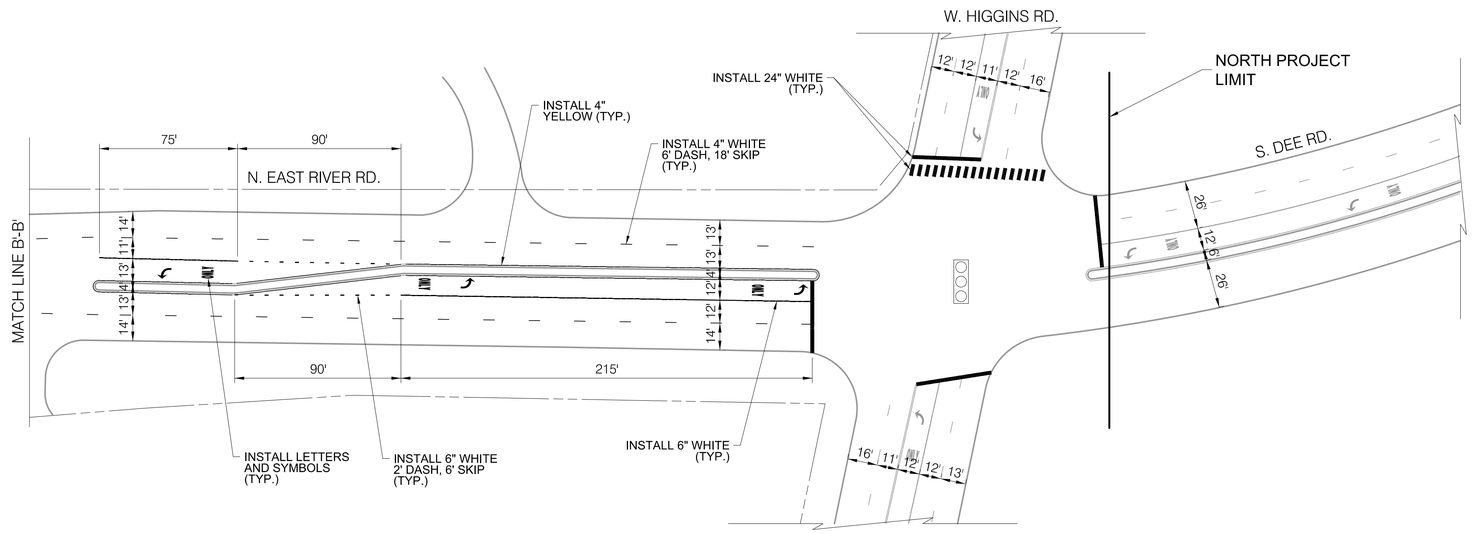
SHEET NO.
20

DATE:01/12/18

EXISTING CONDITIONS



INSTALLATION PLAN



NOTES

1. SCOPE OF WORK IS FULL DEPTH PAVEMENT PATCHING AND 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
- STOP ALL-WAY STOP
- ONE-WAY STREET

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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

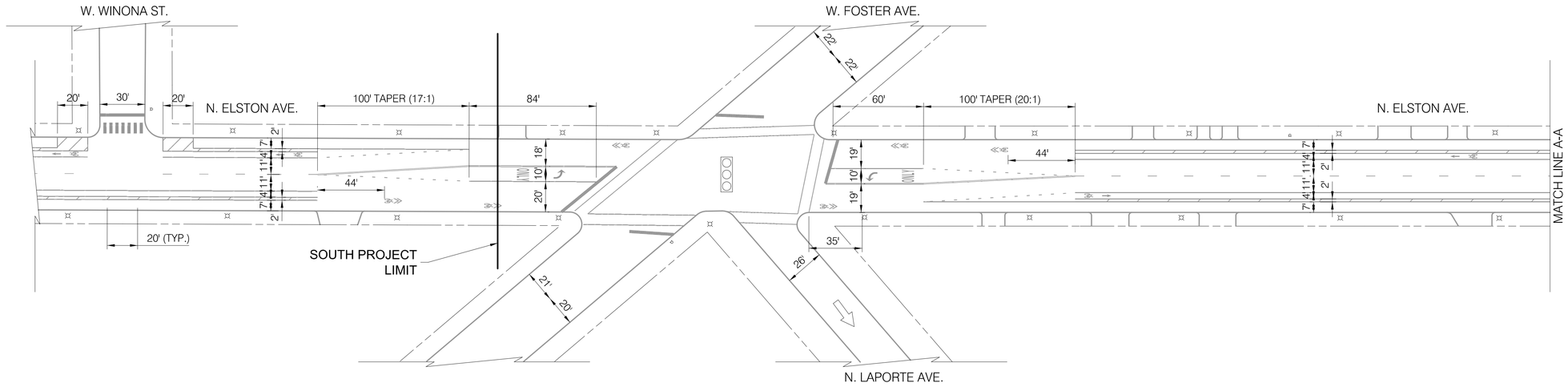
N. EAST RIVER ROAD
BRYN MAWR AVE. TO
W. HIGGINS AVE.

SCALE: 1" = 40'

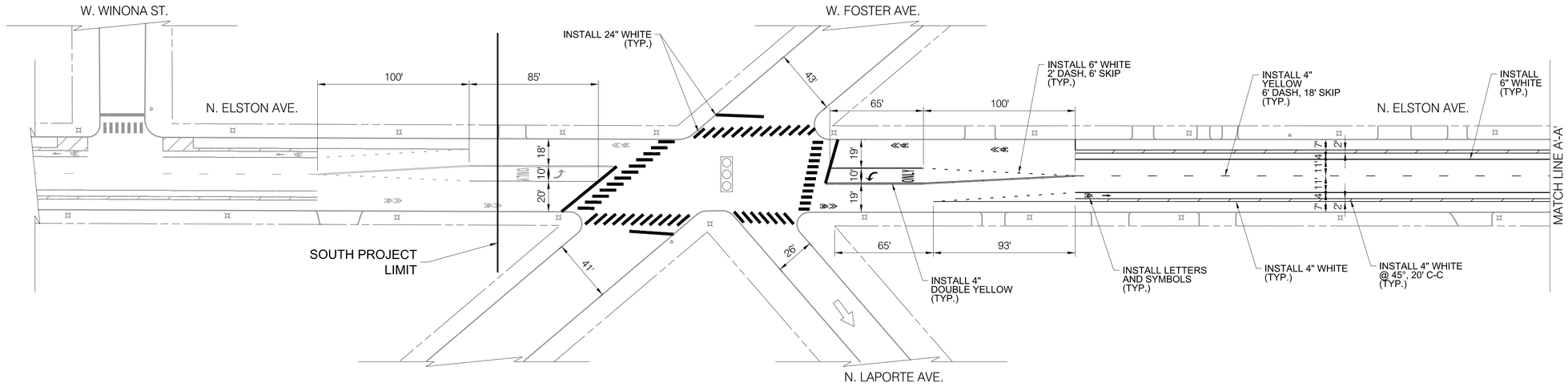
SHEET NO. 21

DATE:01/12/18

EXISTING CONDITIONS



INSTALLATION PLAN



LEGEND

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

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

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS			
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CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

EXISTING AND PROPOSED PLANS

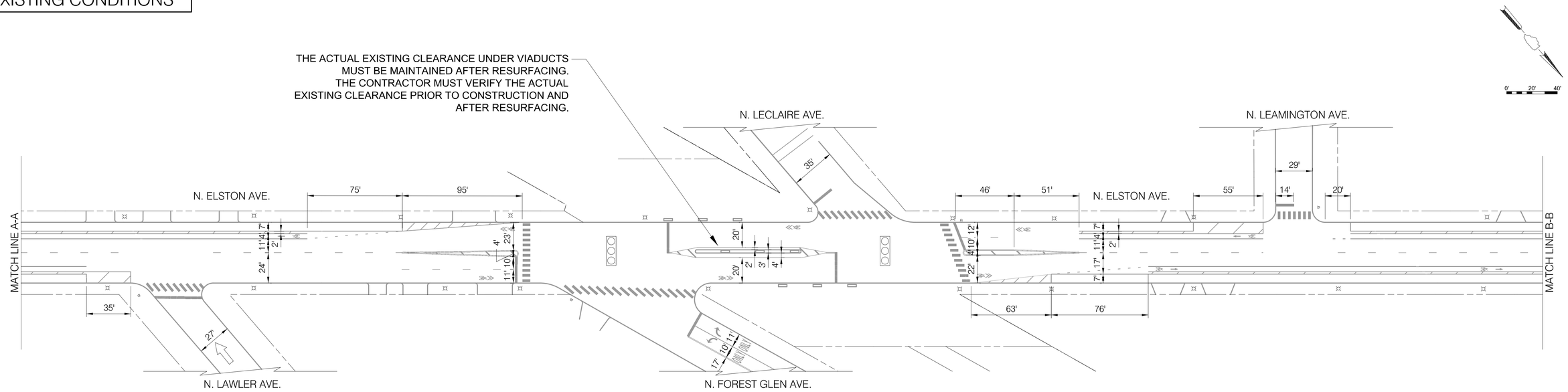
N. ELSTON AVENUE
N. MELVINA AVE. TO W. FOSTER AVE.

SCALE: 1" = 40'

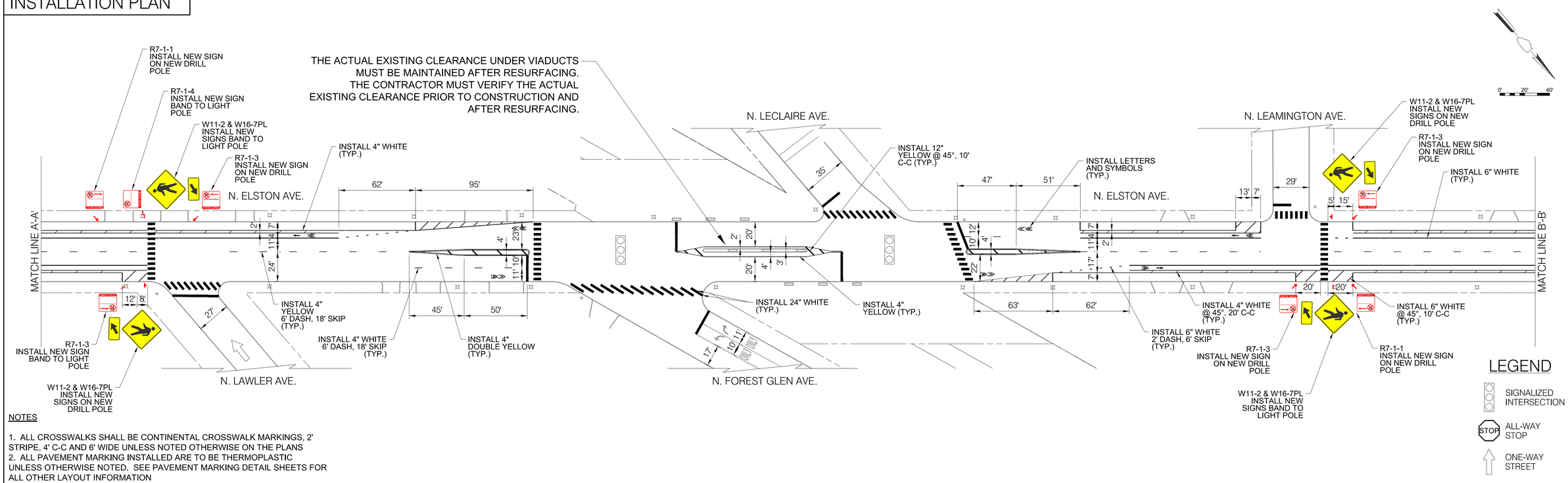
SHEET NO. 22

DATE:01/12/18

EXISTING CONDITIONS



INSTALLATION PLAN



NOTES

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

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

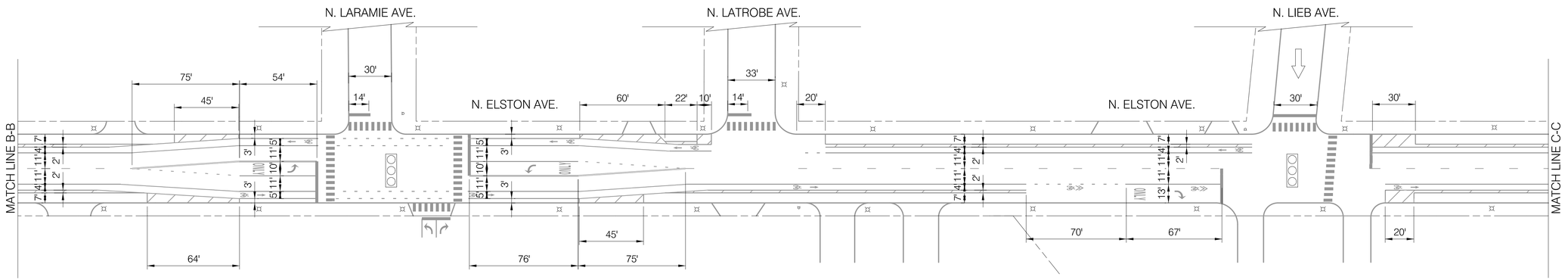
N. ELSTON AVENUE
N. MELVINA AVE. TO W. FOSTER AVE.

SCALE: 1" = 40'

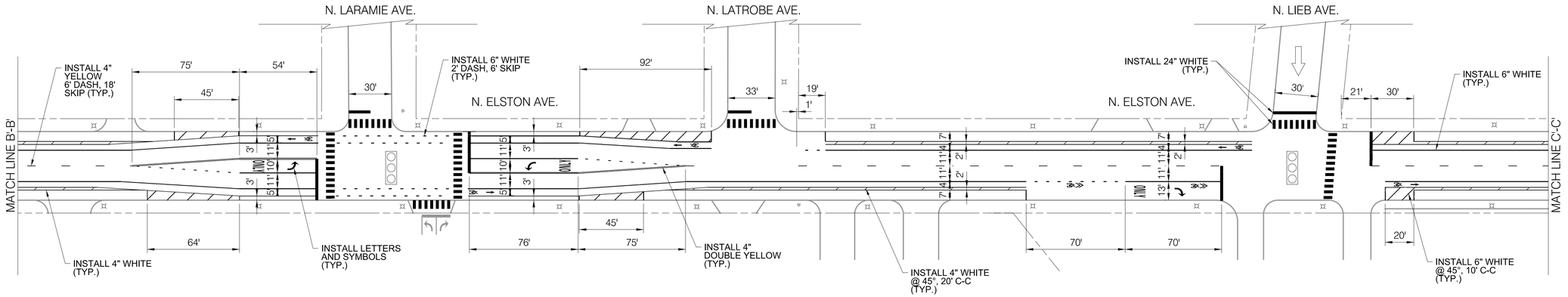
SHEET NO. 23

DATE:01/12/18

EXISTING CONDITIONS



INSTALLATION PLAN



LEGEND

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

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

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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

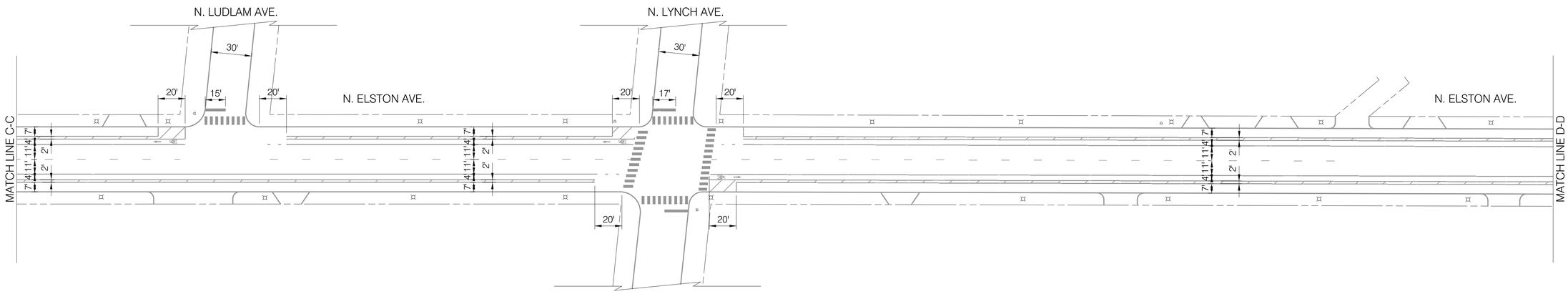
N. ELSTON AVENUE
N. MELVINA AVE. TO W. FOSTER AVE.

SCALE: 1" = 40'

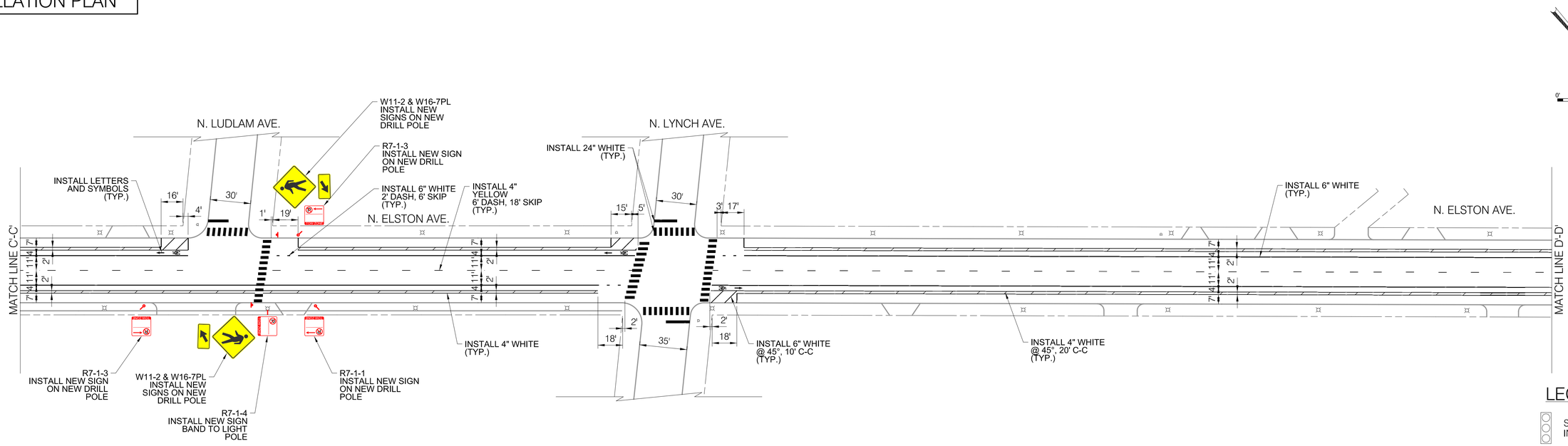
SHEET NO. 24

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
- STOP ALL-WAY STOP
- ONE-WAY STREET

CDOT
CHICAGO DEPARTMENT OF TRANSPORTATION

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

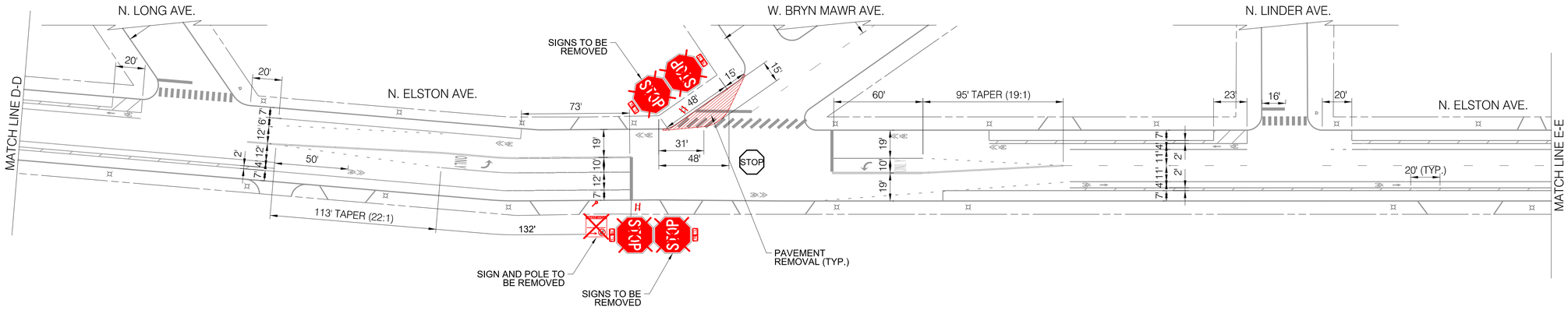
N. ELSTON AVENUE
N. MELVINA AVE. TO W. FOSTER AVE.

SCALE: 1" = 40'

SHEET NO. 25

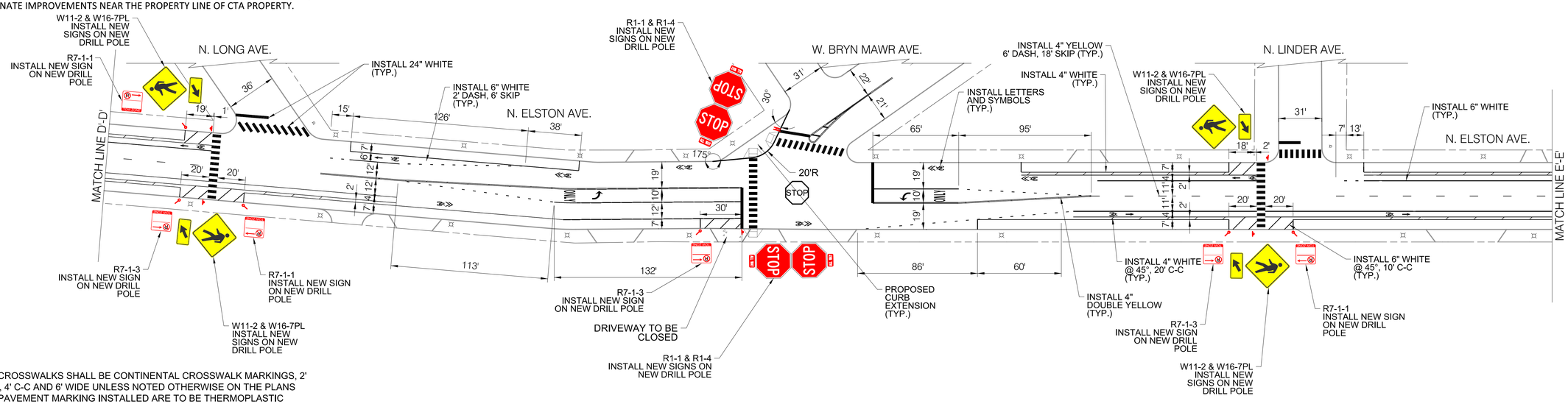
DATE:01/12/18

EXISTING CONDITIONS



INSTALLATION PLAN

THE CHICAGO TRANSIT AUTHORITY WILL REQUIRE A TWO-WEEK NOTICE PRIOR TO SIDEWALK LANE OR STREET CLOSURE, BUS SHELTER RELOCATION, OR WHEN ANY COORDINATED ADJUSTMENT TO AN EXISTING BUS STOP IS REQUIRED. ALL CTA SIGNS WITHIN THE PROJECT AREA SHALL BE REMOVED AND REINSTALLED BY CTA PERSONNEL. THE CONTRACTOR SHALL COORDINATE WITH CHRISTINA ARTHUR AT (312)681-4168. THE CONTRACTOR SHALL ALSO COORDINATE THE FINAL LOCATION OF ALL BUS PADS AND SIDEWALK PADS WITH THE CHICAGO TRANSIT AUTHORITY AND THE ENGINEER PRIOR TO INSTALLATION. FOR WORK ON ELSTON AVE NEAR THE CTA FOREST GLEN BUS GARAGE, THE CONTRACTOR SHALL CONTACT CTA FACILITIES MAINTENANCE JIM KISSANE (773) 722-4224 TO COORDINATE IMPROVEMENTS NEAR THE PROPERTY LINE OF CTA PROPERTY.



NOTES

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LEGEND

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

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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

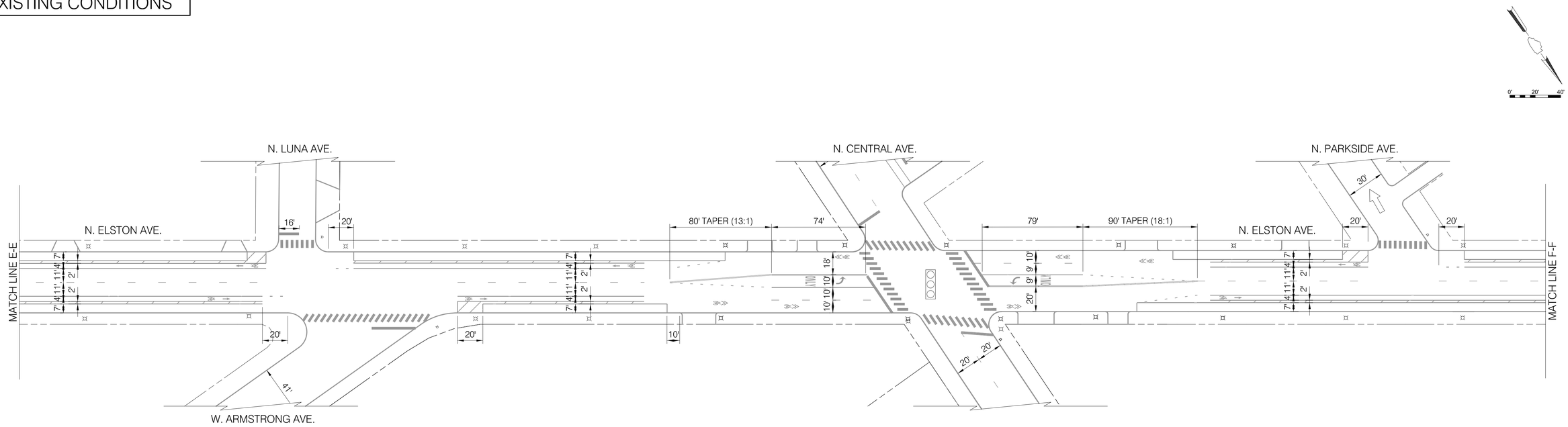
N. ELSTON AVENUE
N. MELVINA AVE. TO W. FOSTER AVE.

SCALE: 1" = 40'

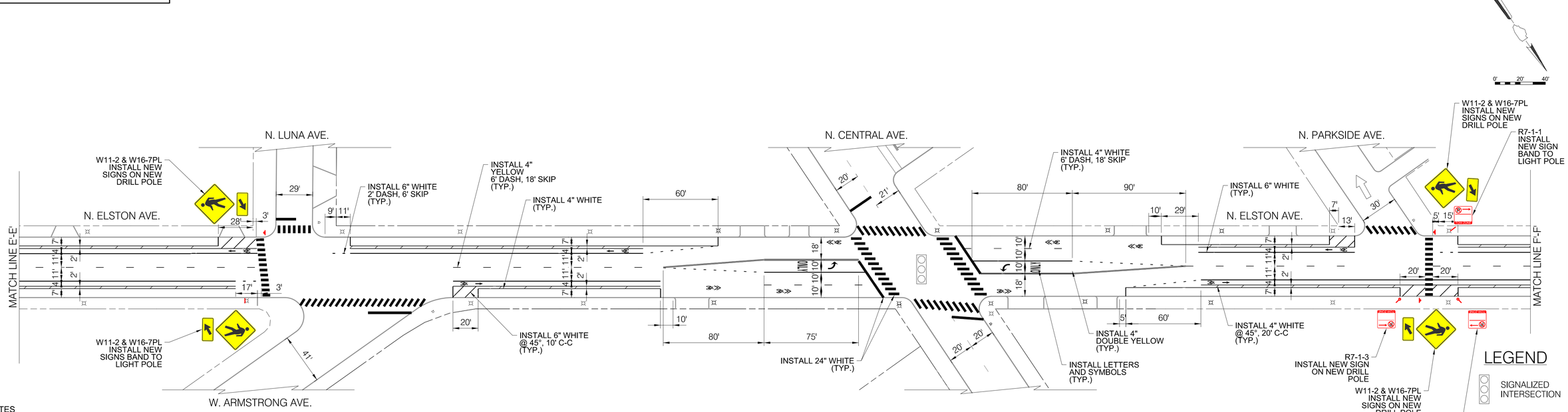
SHEET NO. 26

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
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CDOT
CHICAGO DEPARTMENT OF TRANSPORTATION

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

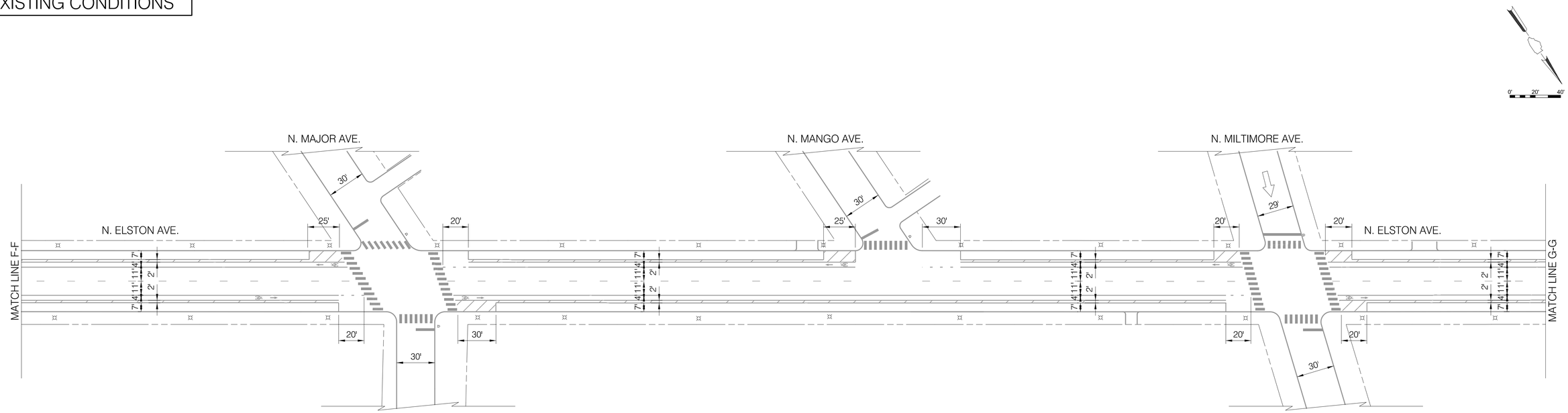
N. ELSTON AVENUE
N. MELVINA AVE. TO W. FOSTER AVE.

SCALE: 1" = 40'

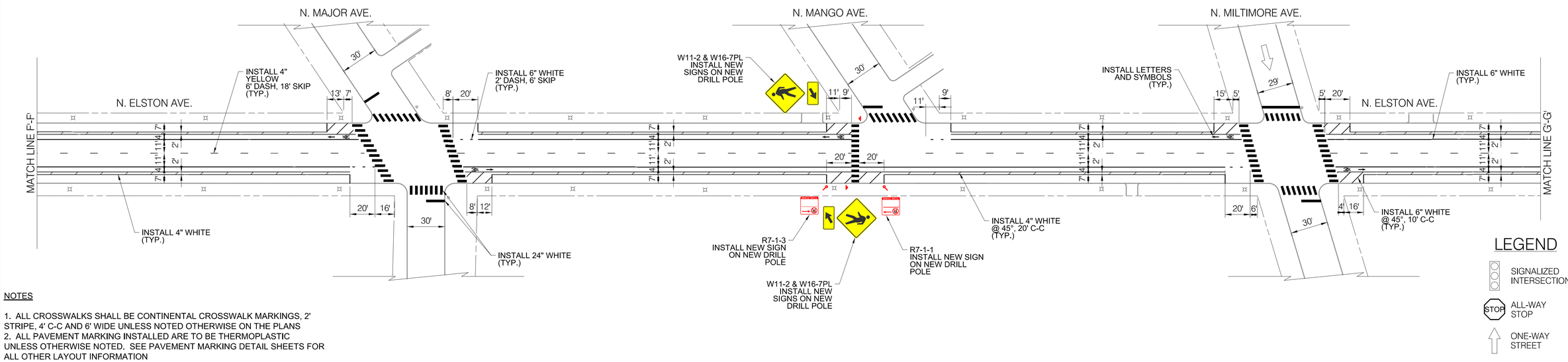
SHEET NO. 27

DATE:01/12/18

EXISTING CONDITIONS



INSTALLATION PLAN



LEGEND

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

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

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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

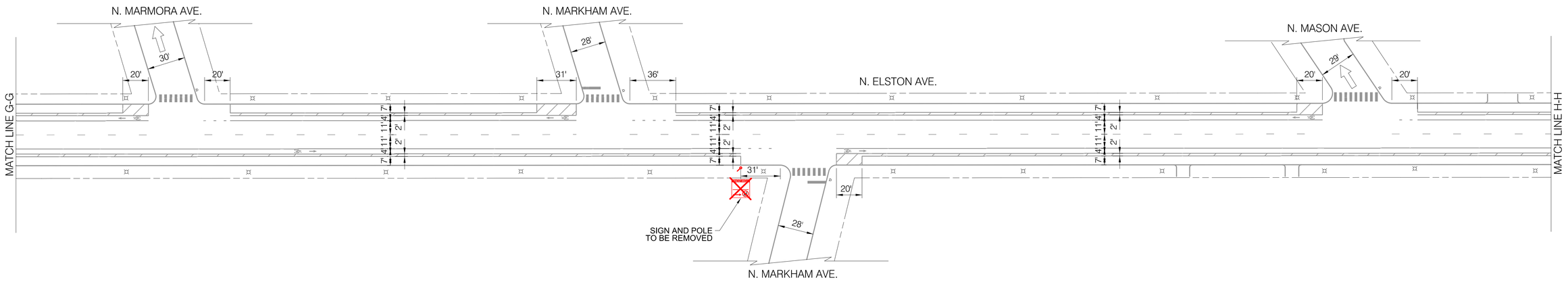
N. ELSTON AVENUE
N. MELVINA AVE. TO W. FOSTER AVE.

SCALE: 1" = 40'

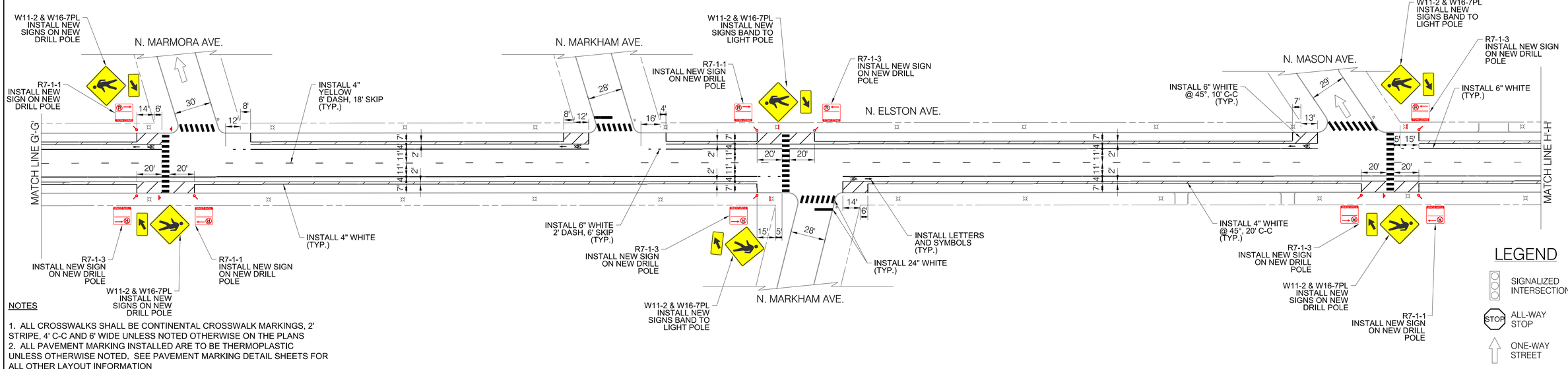
SHEET NO. 28

DATE:01/12/18

EXISTING CONDITIONS



INSTALLATION PLAN



NOTES

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

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

CDOT
CHICAGO DEPARTMENT
OF TRANSPORTATION

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

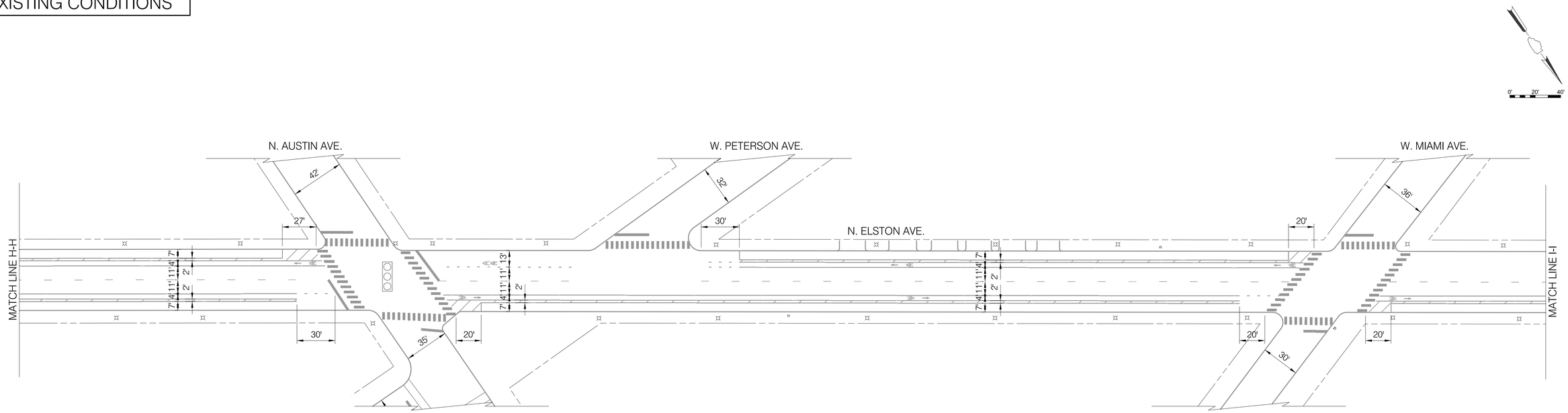
N. ELSTON AVENUE
N. MELVINA AVE. TO W. FOSTER AVE.

SCALE: 1" = 40'

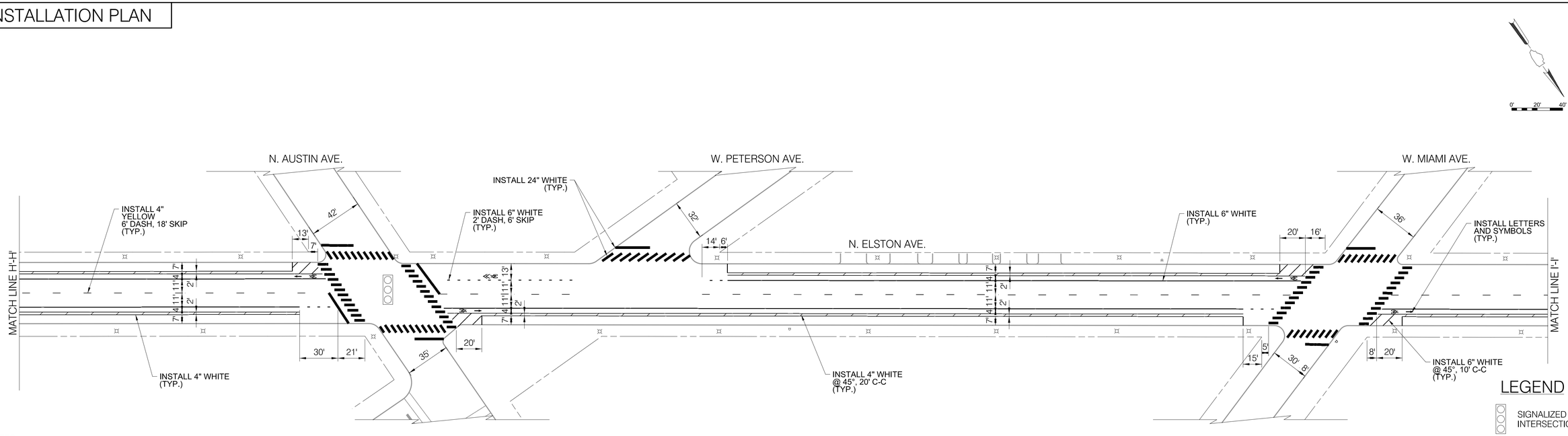
SHEET NO.
29

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
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CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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

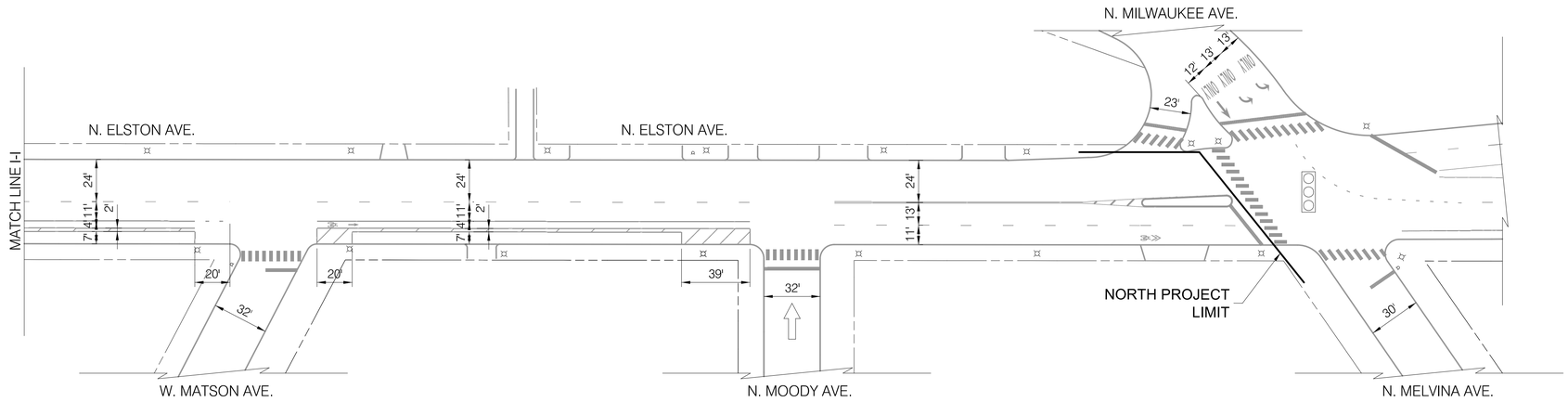
N. ELSTON AVENUE
N. MELVINA AVE. TO W. FOSTER AVE.

SCALE: 1" = 40'

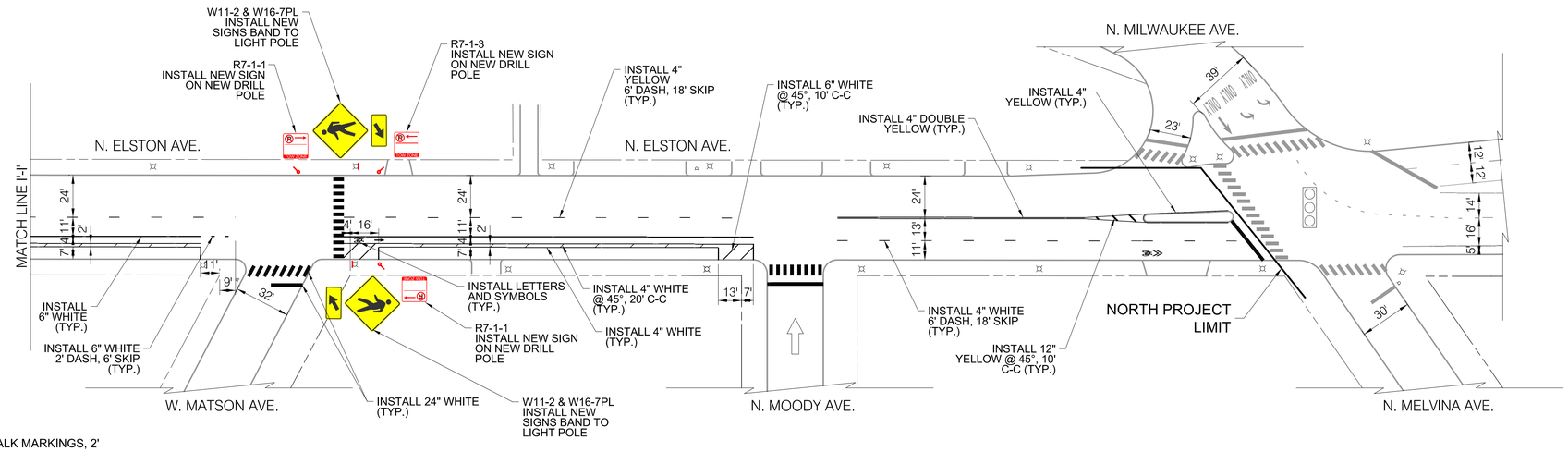
SHEET NO. 30

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
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LEGEND

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

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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

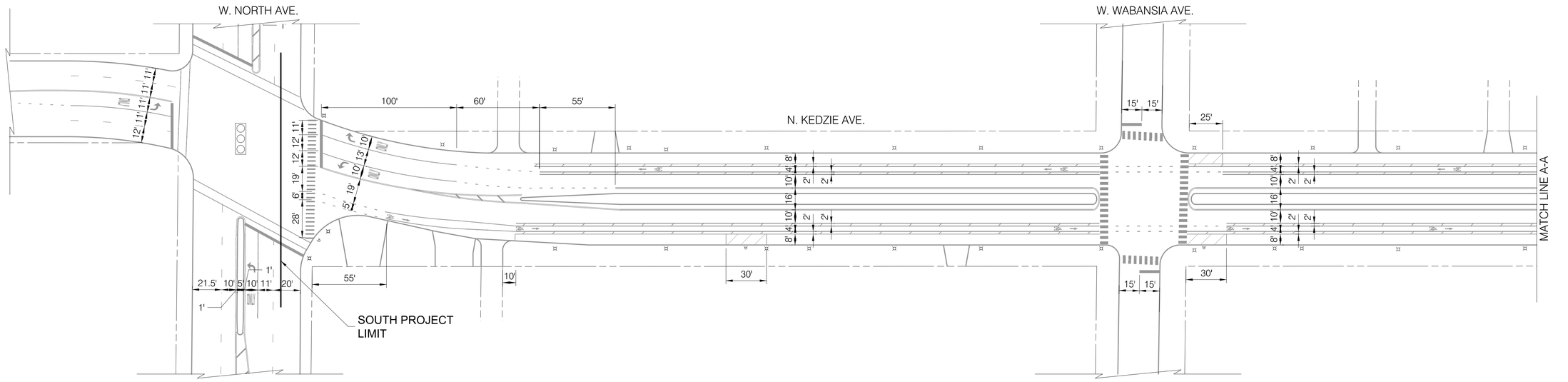
N. ELSTON AVENUE
N. MELVINA AVE. TO W. FOSTER AVE.

SCALE: 1" = 40'

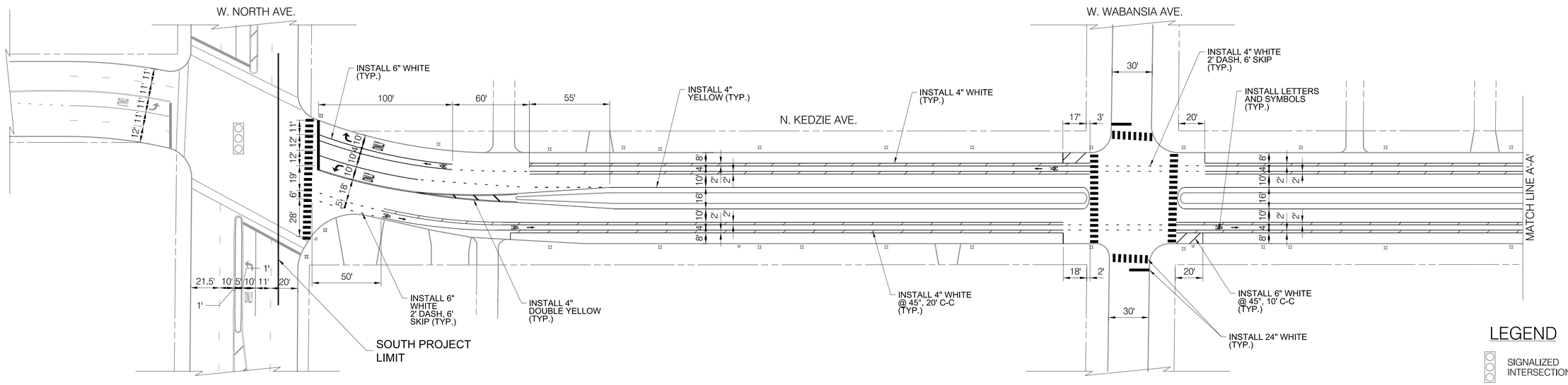
SHEET NO. 31

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
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LEGEND

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

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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

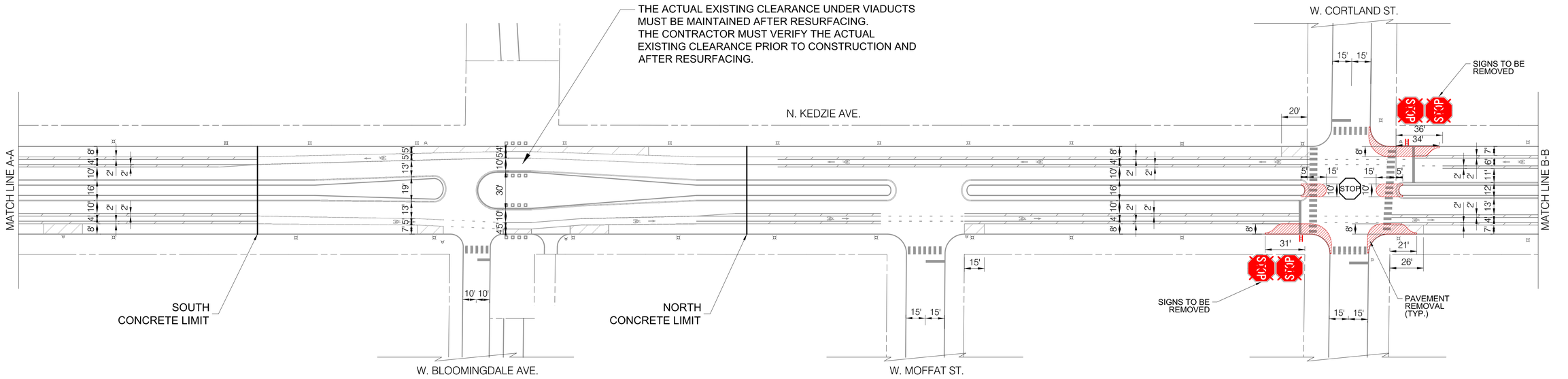
N. KEDZIE BLVD.
W. NORTH AVE. TO W. PALMER SQ.

SCALE: 1" = 40'

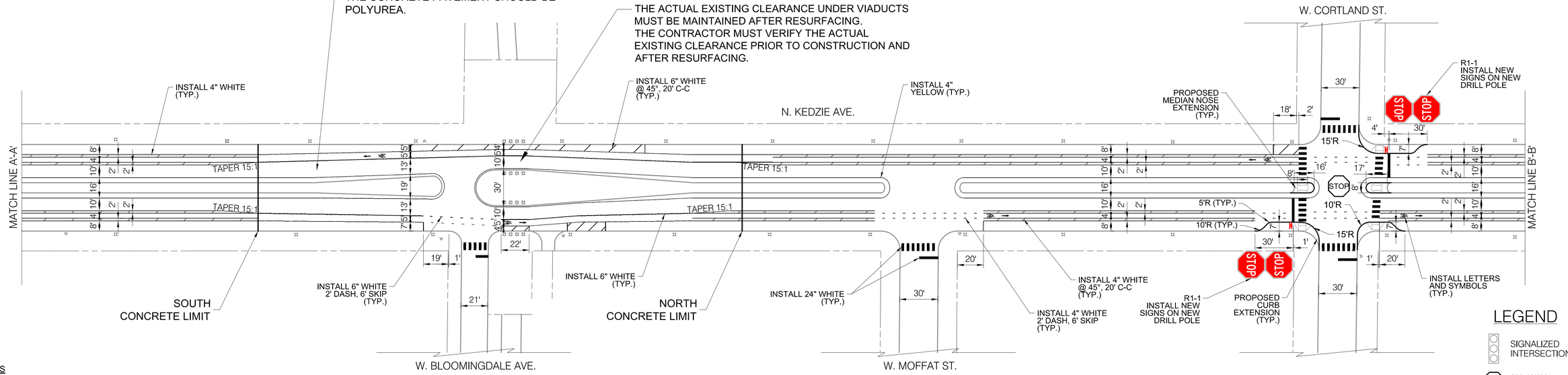
SHEET NO. 32

DATE:01/12/18

EXISTING CONDITIONS



INSTALLATION PLAN



LEGEND

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

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CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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

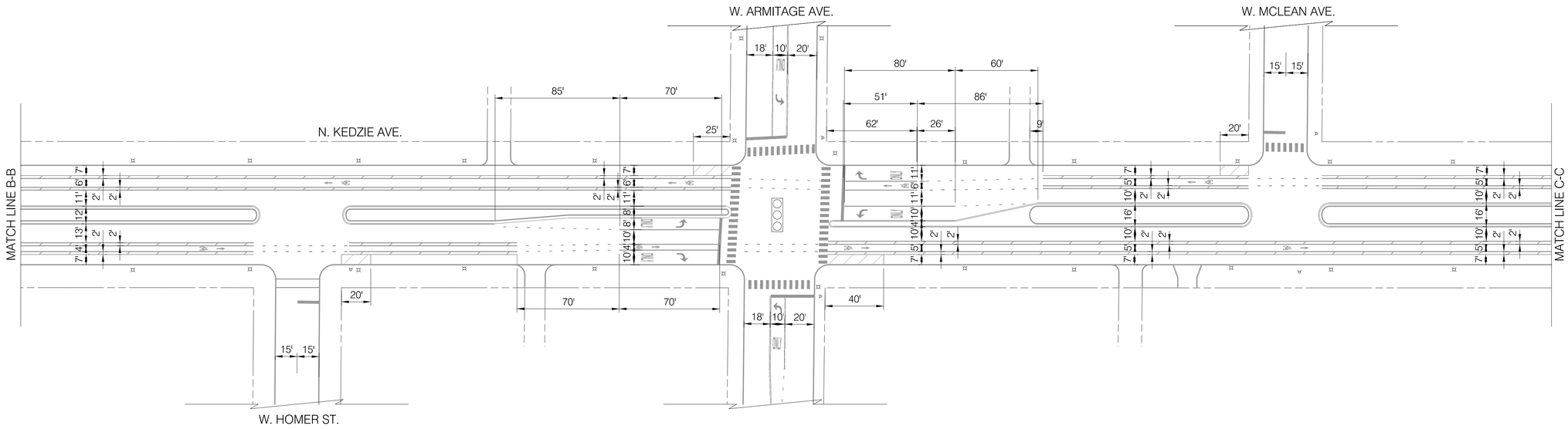
N. KEDZIE BLVD.
W. NORTH AVE. TO W. PALMER SQ.

SCALE: 1" = 40'

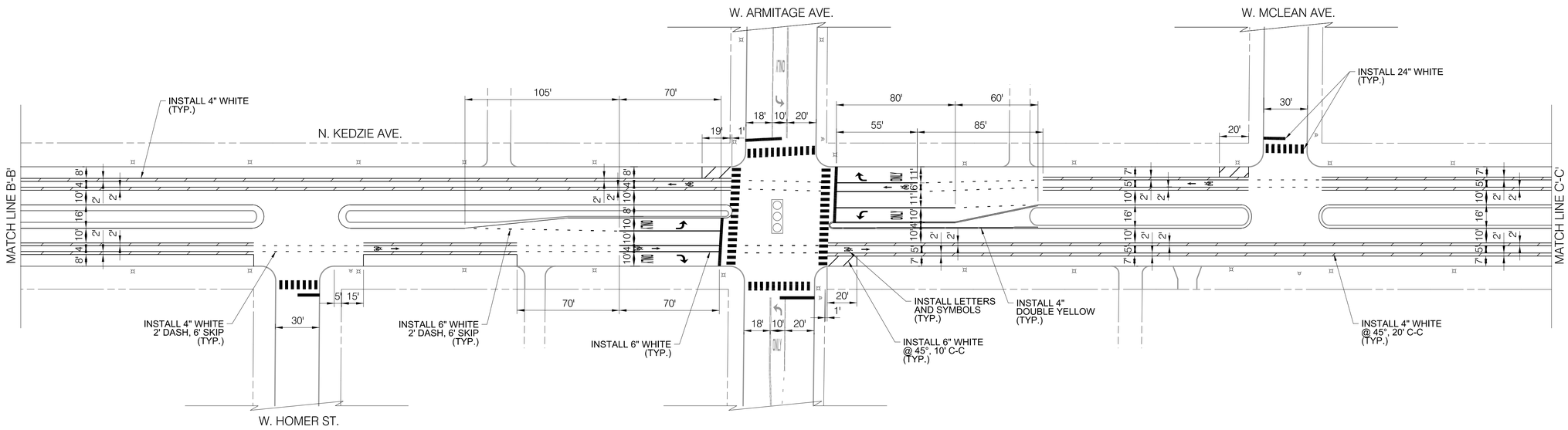
SHEET NO. 33

DATE:01/12/18

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
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LEGEND

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

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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

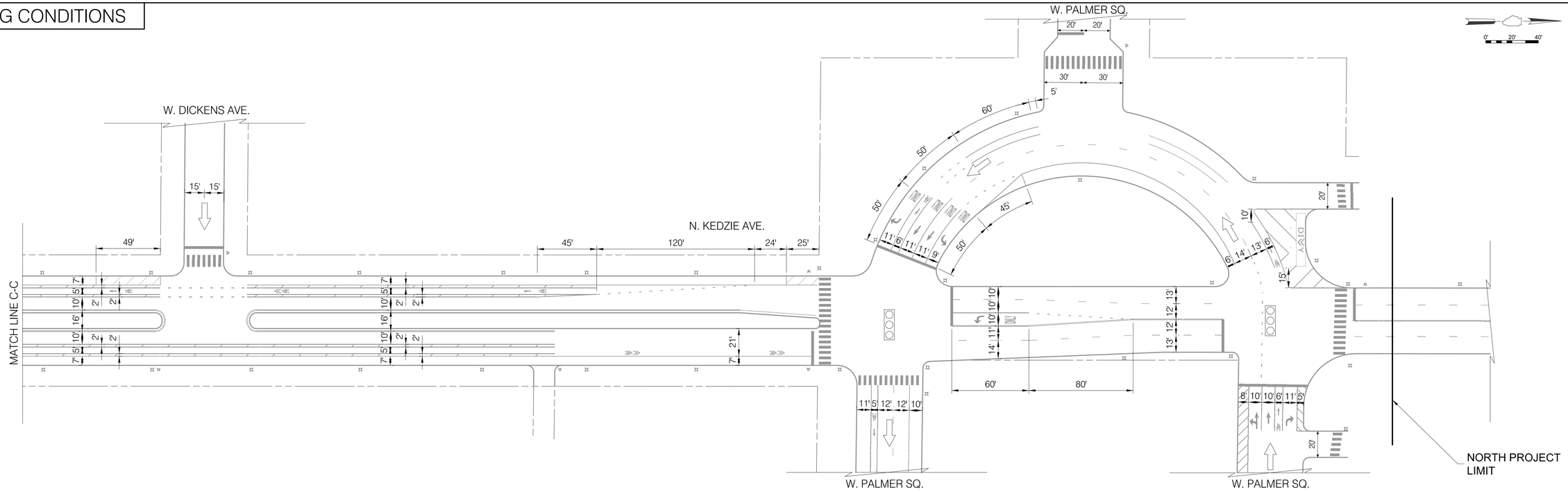
N. KEDZIE BLVD.
W. NORTH AVE. TO W. PALMER SQ.

SCALE: 1" = 40'

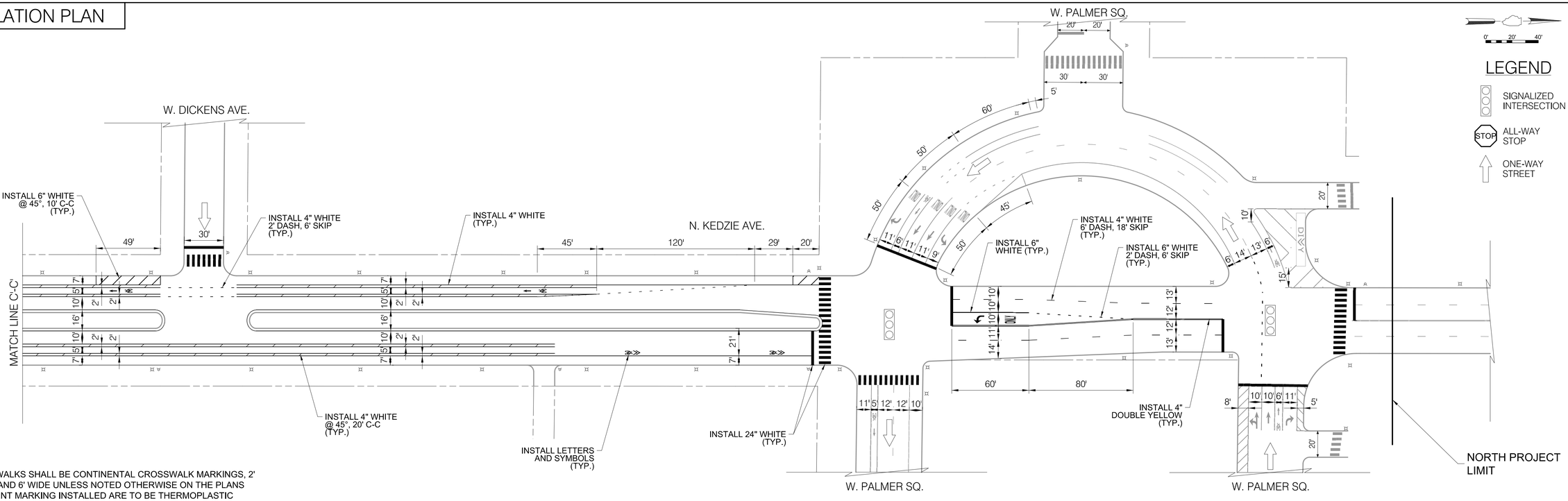
SHEET NO. 34

DATE:01/12/18

EXISTING CONDITIONS



INSTALLATION PLAN



NOTES

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CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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

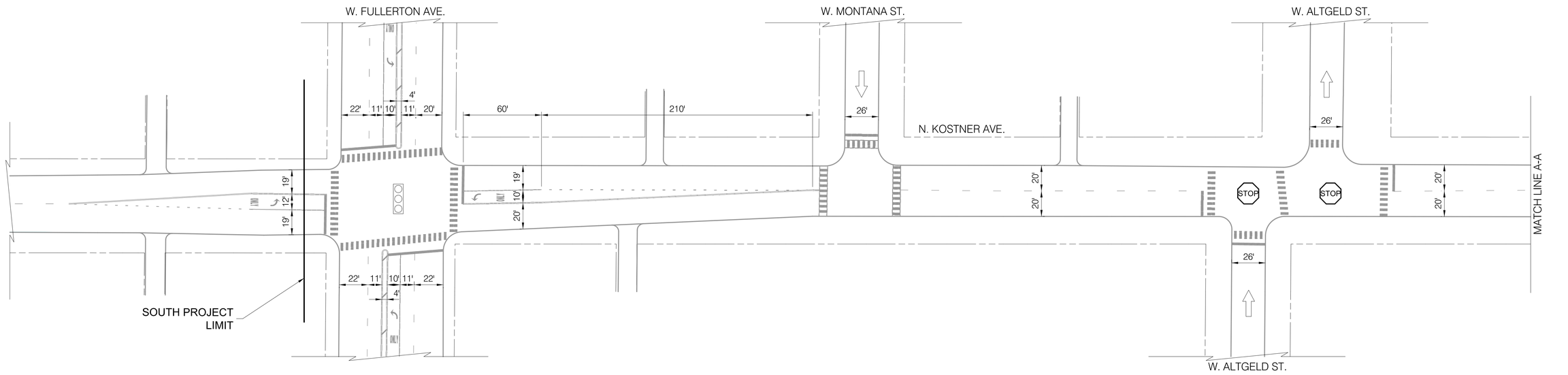
N. KEDZIE BLVD.
W. NORTH AVE. TO W. PALMER SQ.

SCALE: 1" = 40'

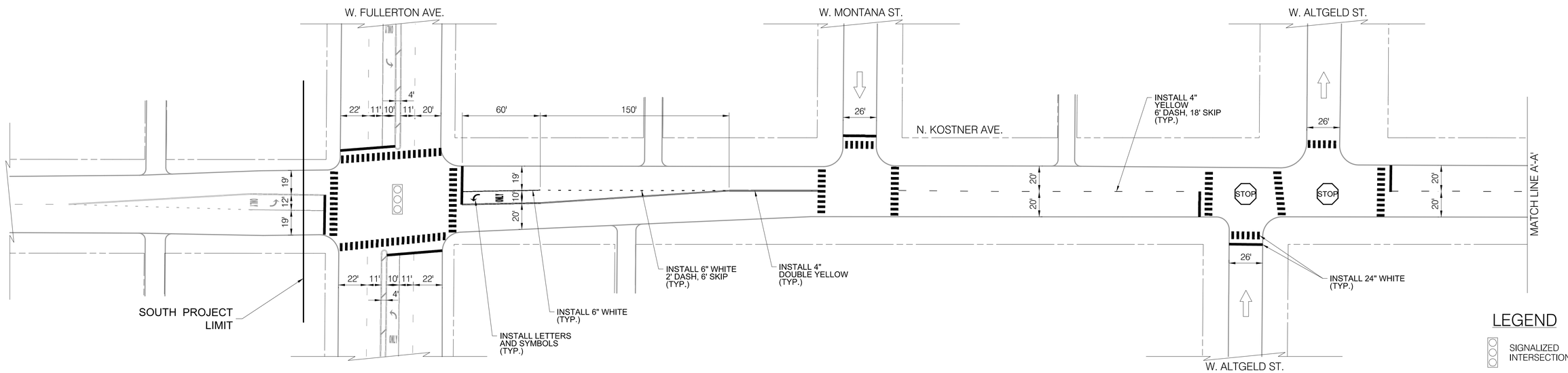
SHEET NO. 35

DATE:01/12/18

EXISTING CONDITIONS



INSTALLATION PLAN



LEGEND

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

NOTES

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

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

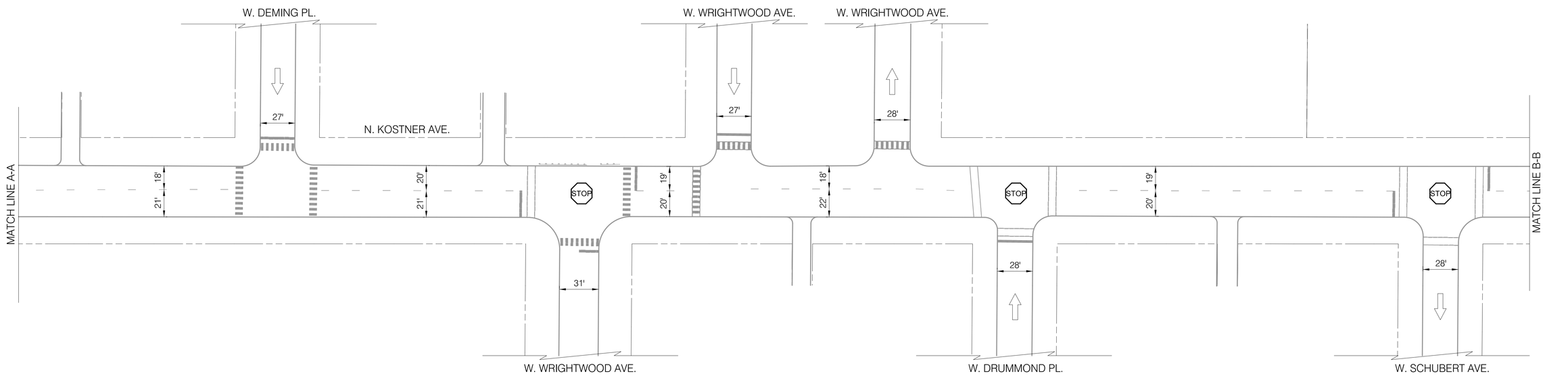
N. KOSTNER AVENUE
W. FULLERTON AVE. TO
W. DIVERSEY AVE.

SCALE: 1" = 40'

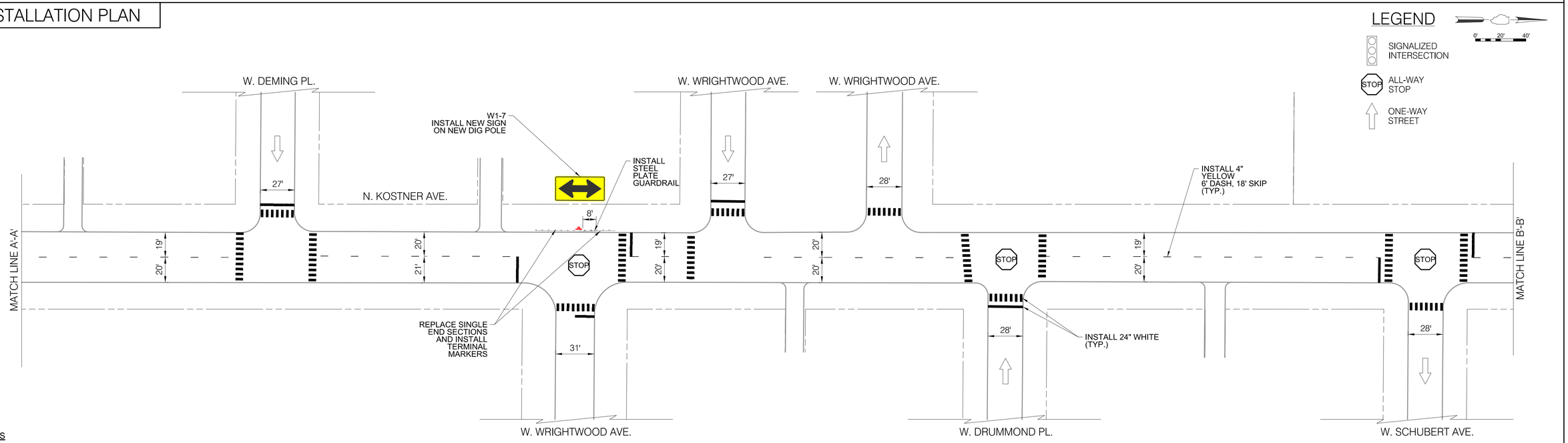
SHEET NO.
36

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
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CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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

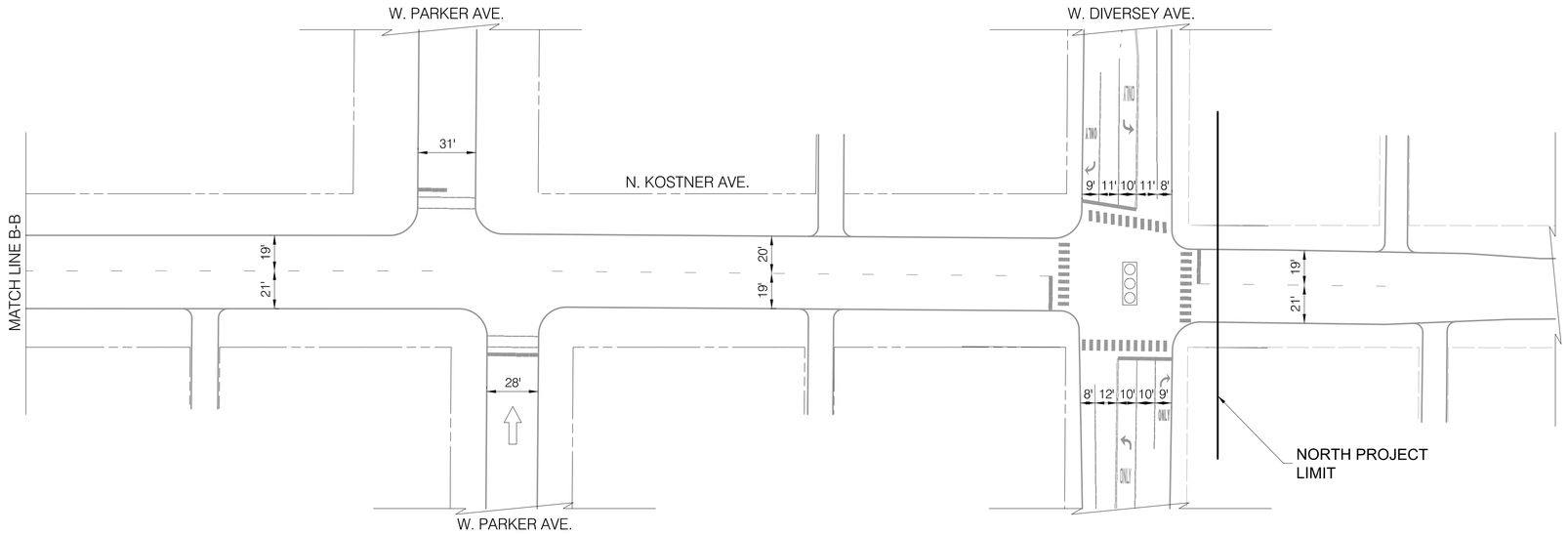
N. KOSTNER AVENUE
W. FULLERTON AVE. TO
W. DIVERSEY AVE.

SCALE: 1" = 40'

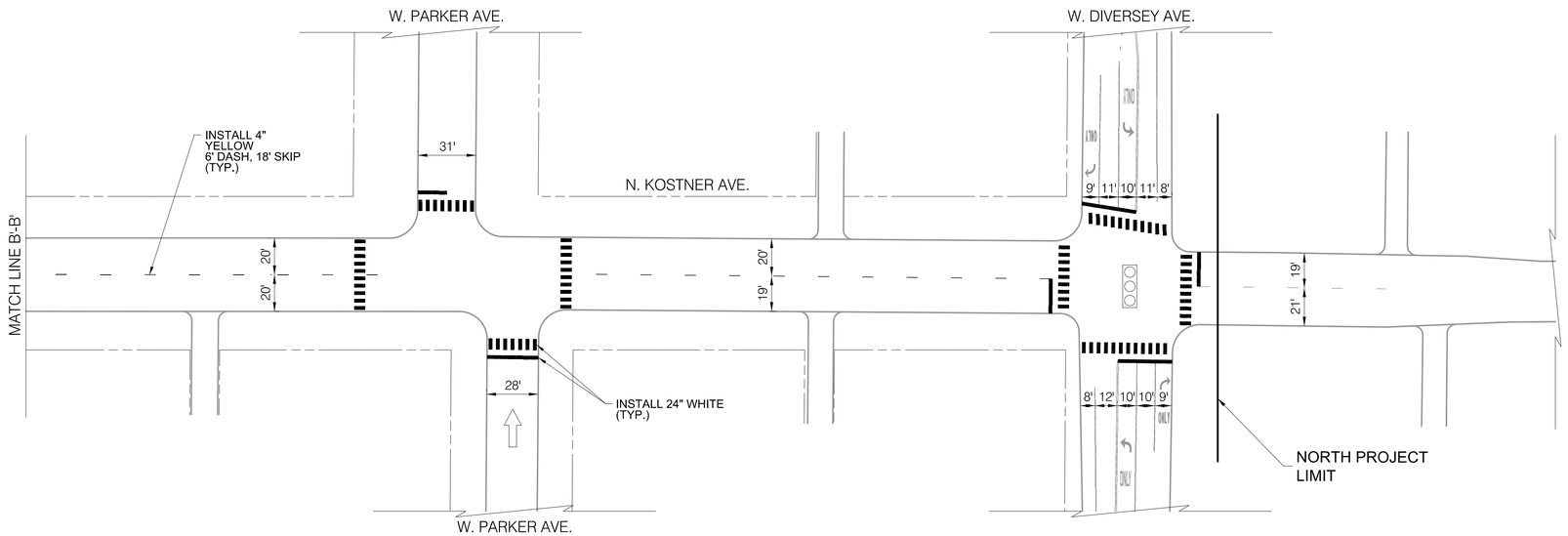
SHEET NO.
37

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
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LEGEND

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

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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

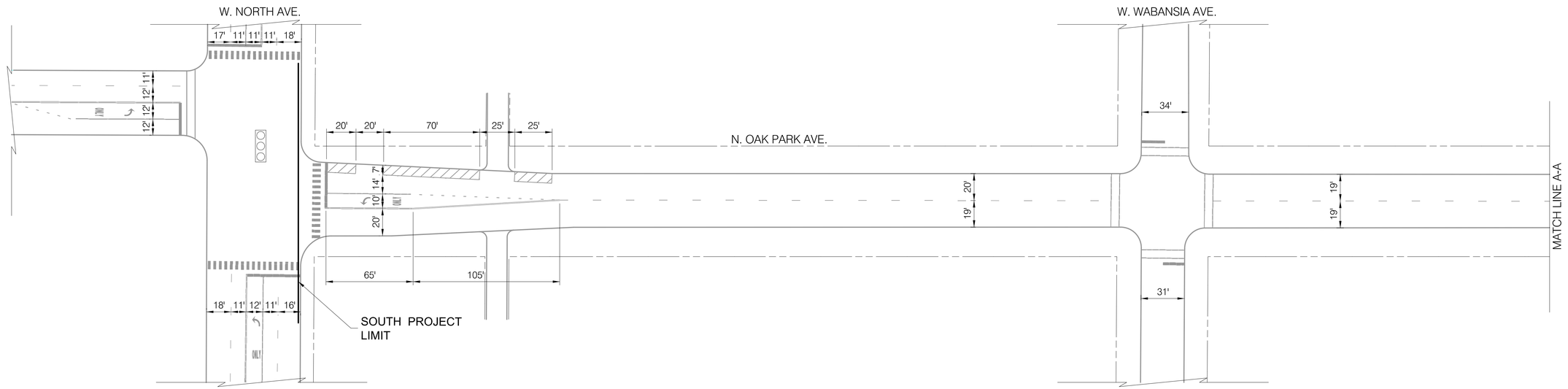
N. KOSTNER AVENUE
W. FULLERTON AVE. TO
W. DIVERSEY AVE.

SCALE: 1" = 40'

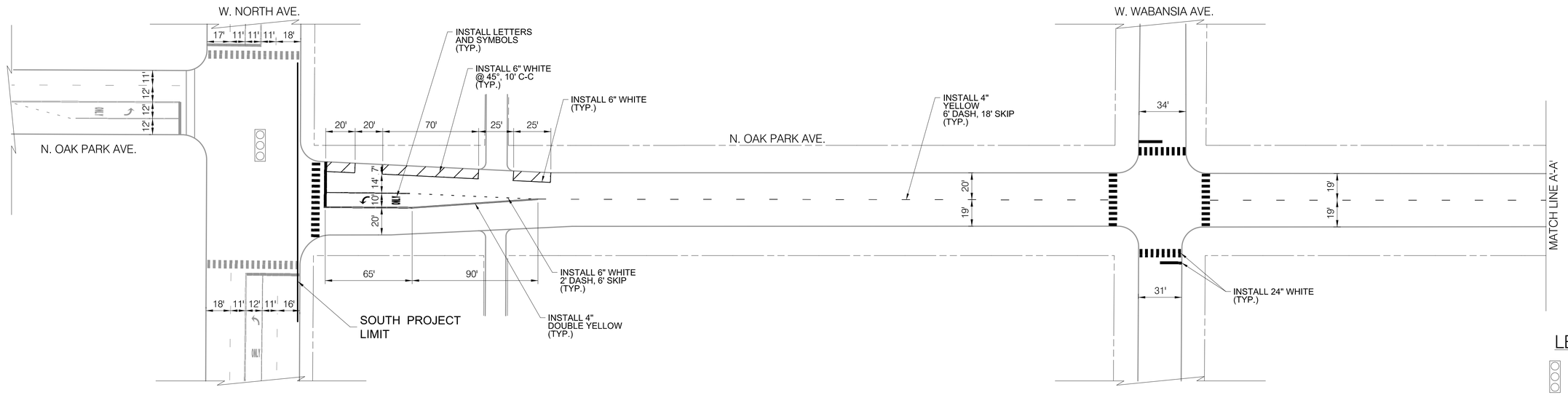
SHEET NO.
38

DATE:01/12/18

EXISTING CONDITIONS



INSTALLATION PLAN



LEGEND

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

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

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

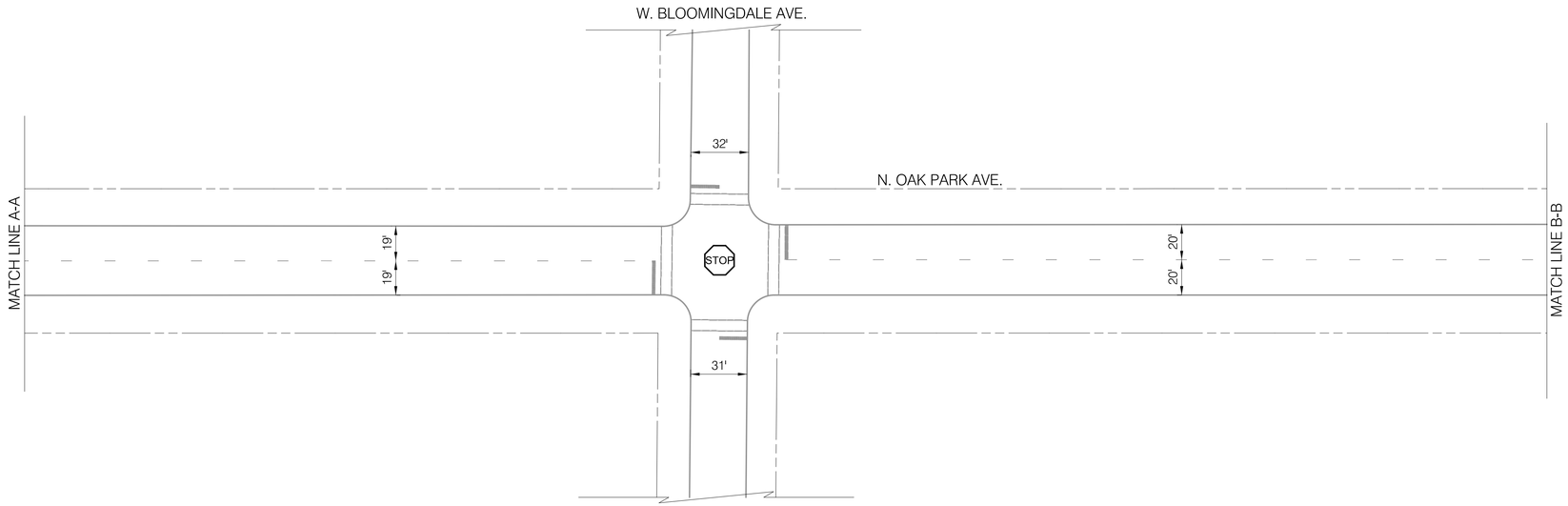
N. OAK PARK AVENUE
W. NORTH AVE. TO
W. ARMITAGE AVE.

SCALE: 1" = 40'

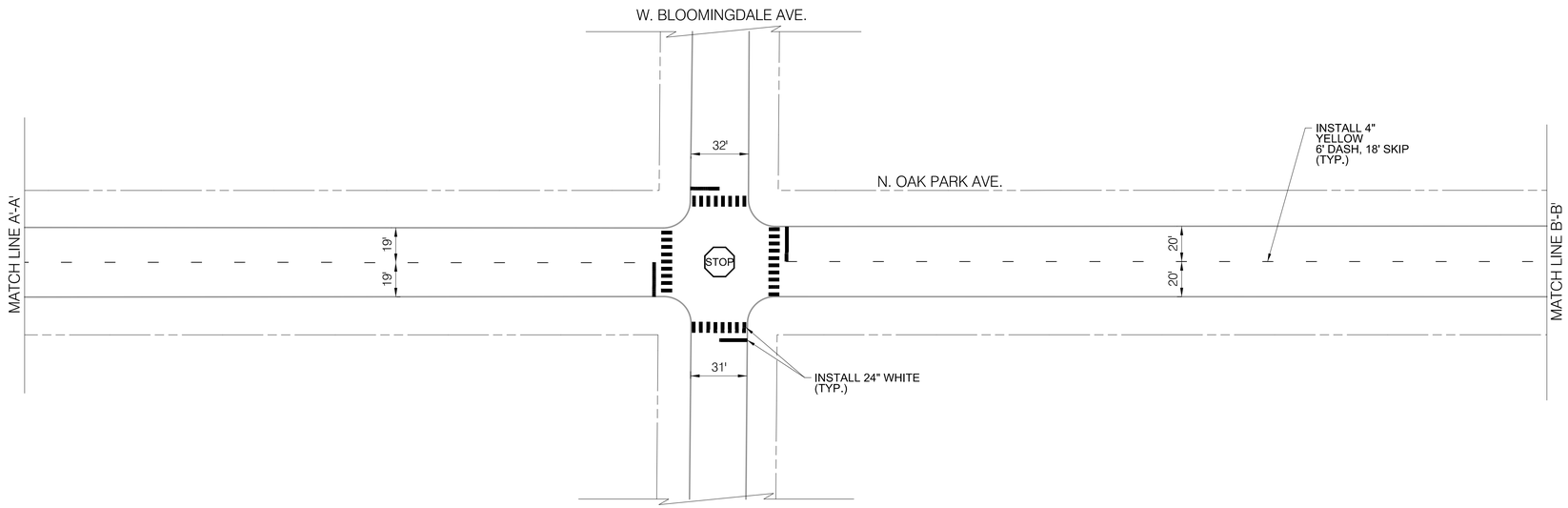
SHEET NO. 39

DATE:01/12/18

EXISTING CONDITIONS



INSTALLATION PLAN



LEGEND

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

NOTES

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CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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

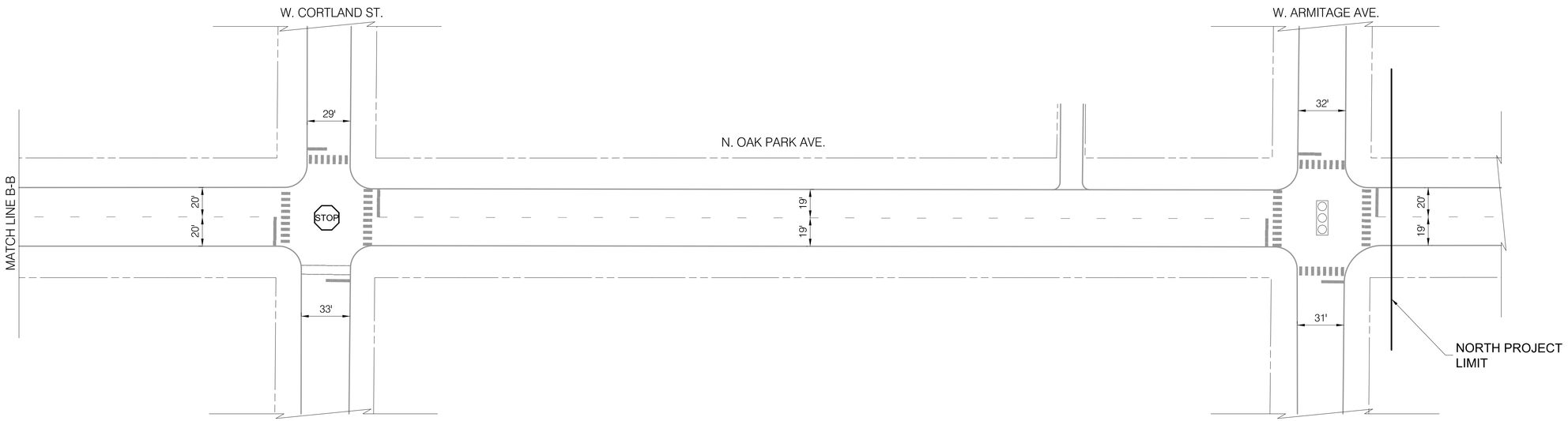
N. OAK PARK AVENUE
W. NORTH AVE. TO
W. ARMITAGE AVE.

SCALE: 1" = 40'

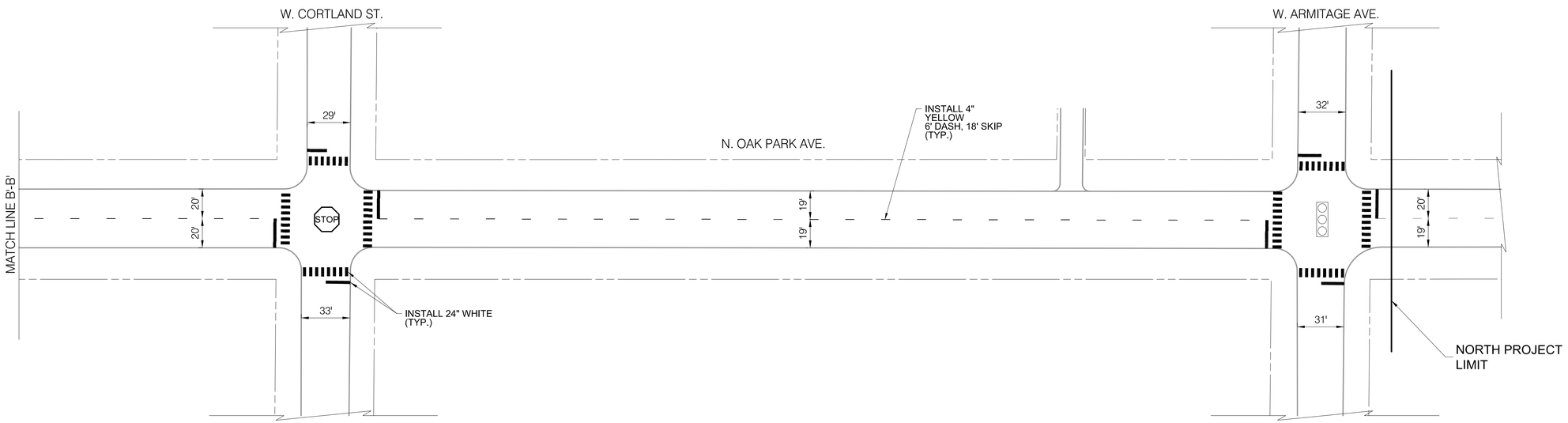
SHEET NO.
40

DATE:01/12/18

EXISTING CONDITIONS



INSTALLATION PLAN



LEGEND

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

NOTES

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CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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

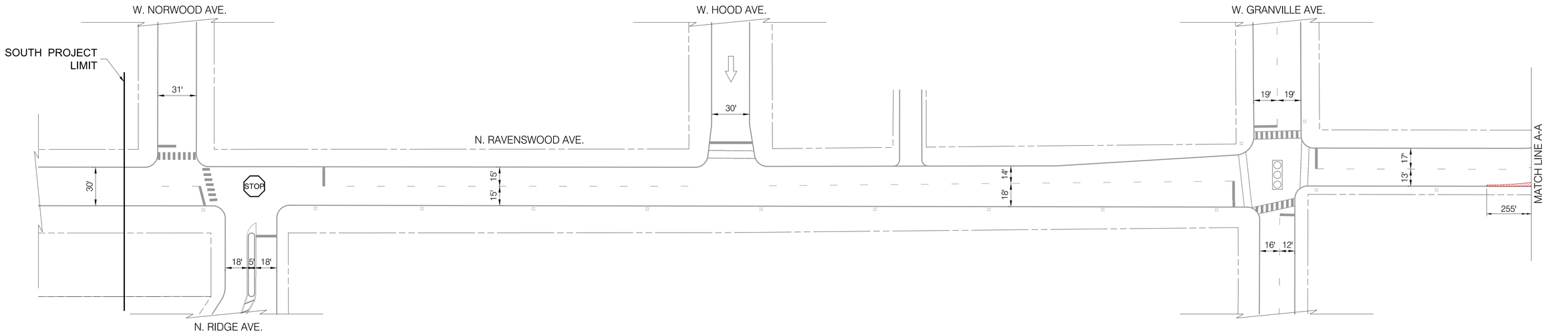
N. OAK PARK AVENUE
W. NORTH AVE. TO
W. ARMITAGE AVE.

SCALE: 1" = 40'

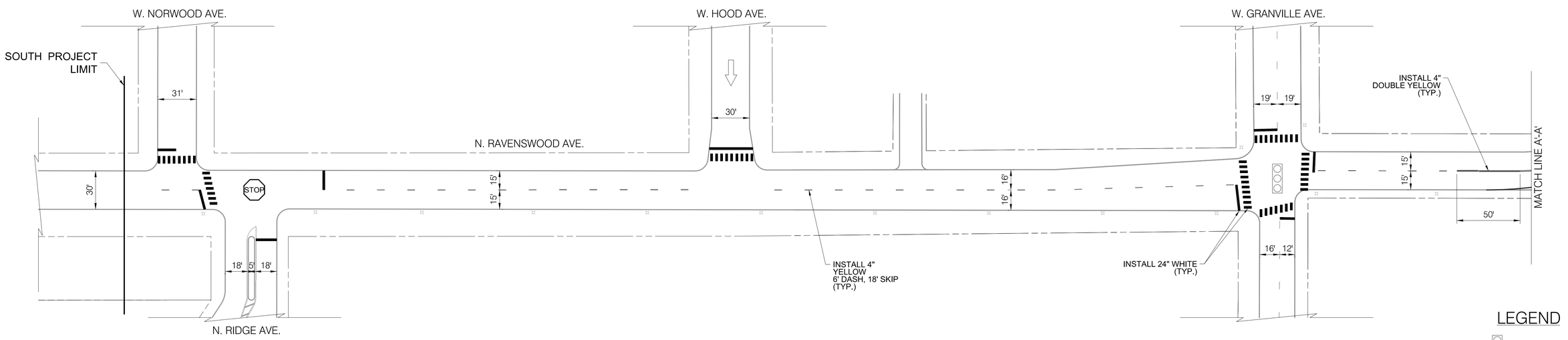
SHEET NO.
41

DATE:01/12/18

EXISTING CONDITIONS



INSTALLATION PLAN



LEGEND

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

NOTES

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

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

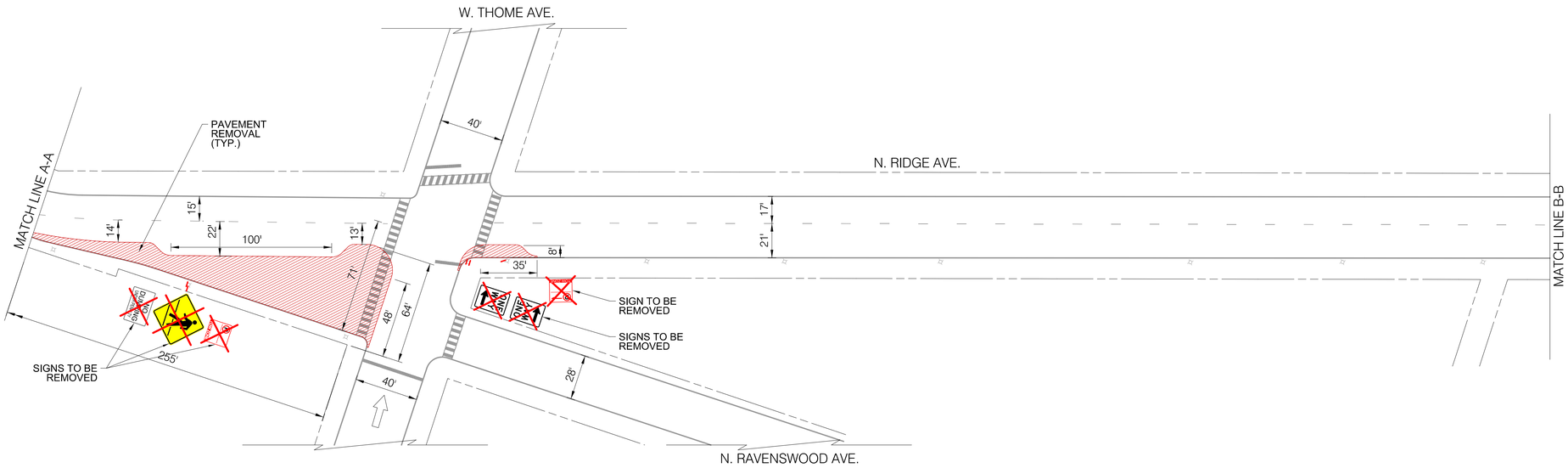
N. RIDGE BOULEVARD/
N. RAVENSWOOD AVENUE
W. NORWOOD ST. TO W. DEVON AVE.

SCALE: 1" = 40'

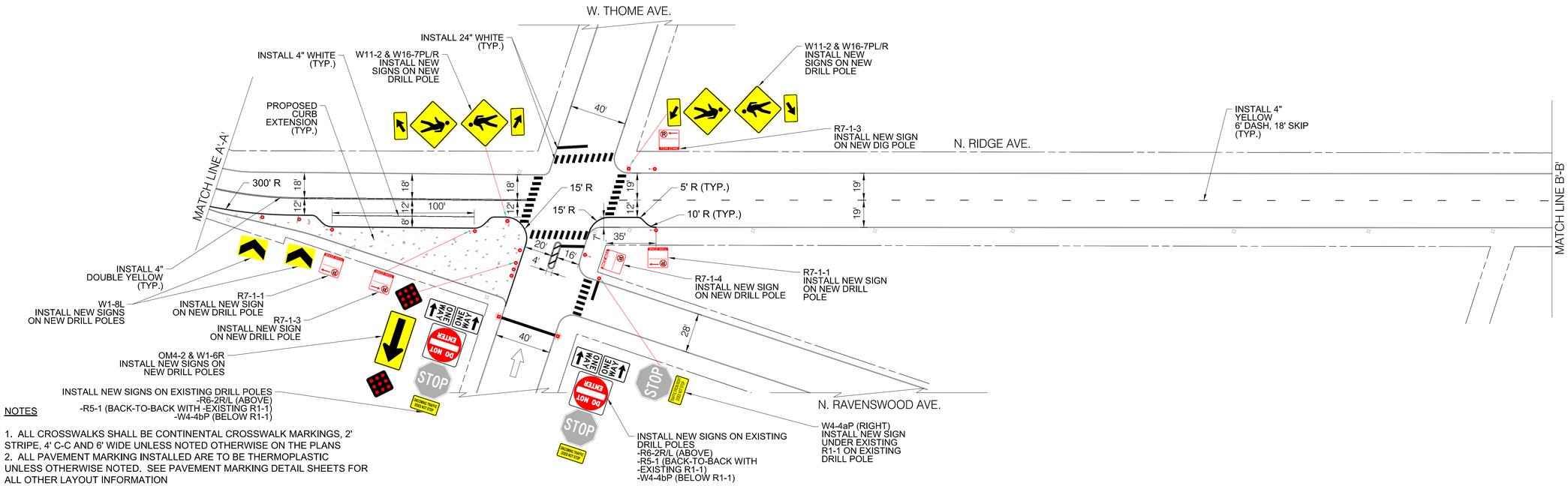
SHEET NO. 42

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

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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

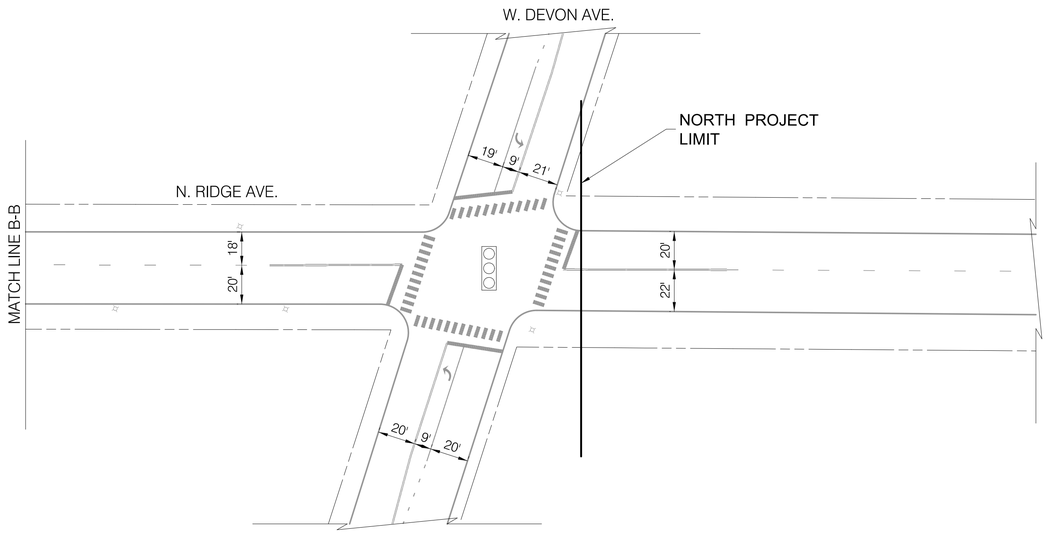
N. RIDGE BOULEVARD/
N. RAVENSWOOD AVENUE
W. NORWOOD ST. TO W. DEVON AVE.

SCALE: 1" = 40'

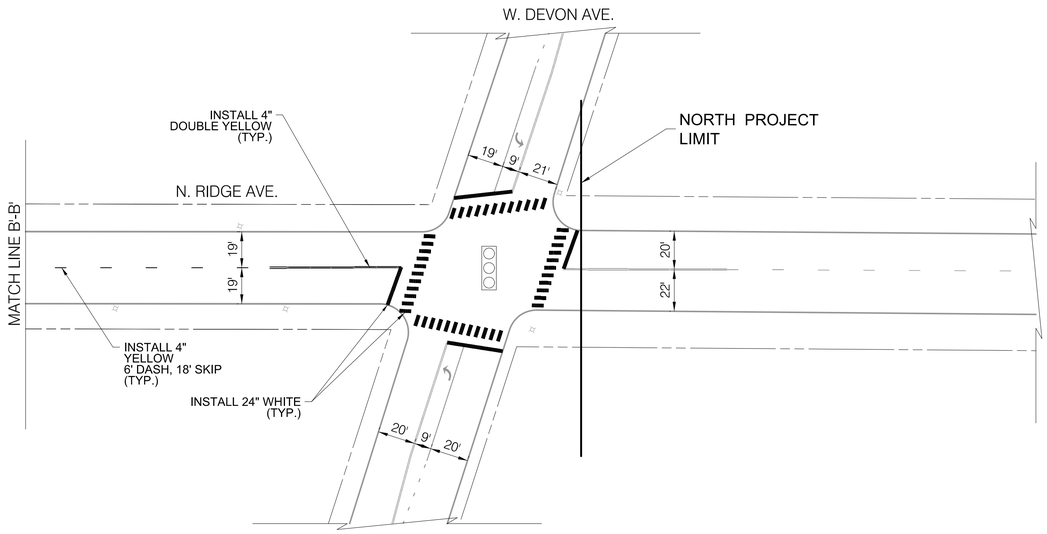
SHEET NO. 43

DATE:01/12/18

EXISTING CONDITIONS



INSTALLATION PLAN



LEGEND

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

NOTES

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

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

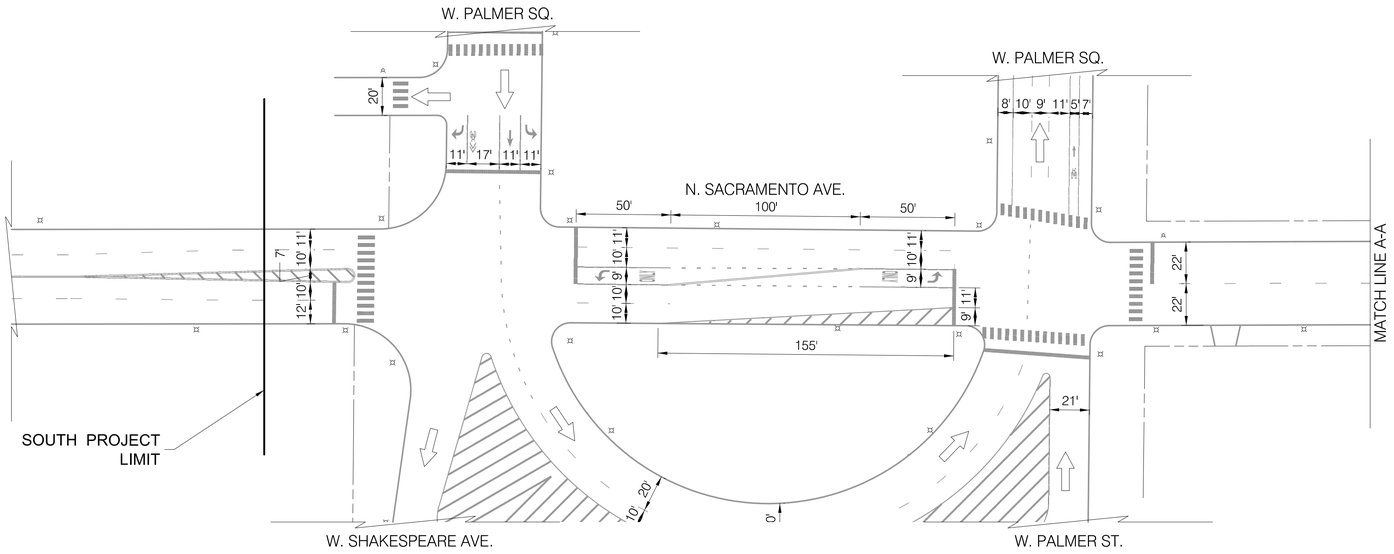
N. RIDGE BOULEVARD/
N. RAVENSWOOD AVENUE
W. NORWOOD ST. TO W. DEVON AVE.

SCALE: 1" = 40'

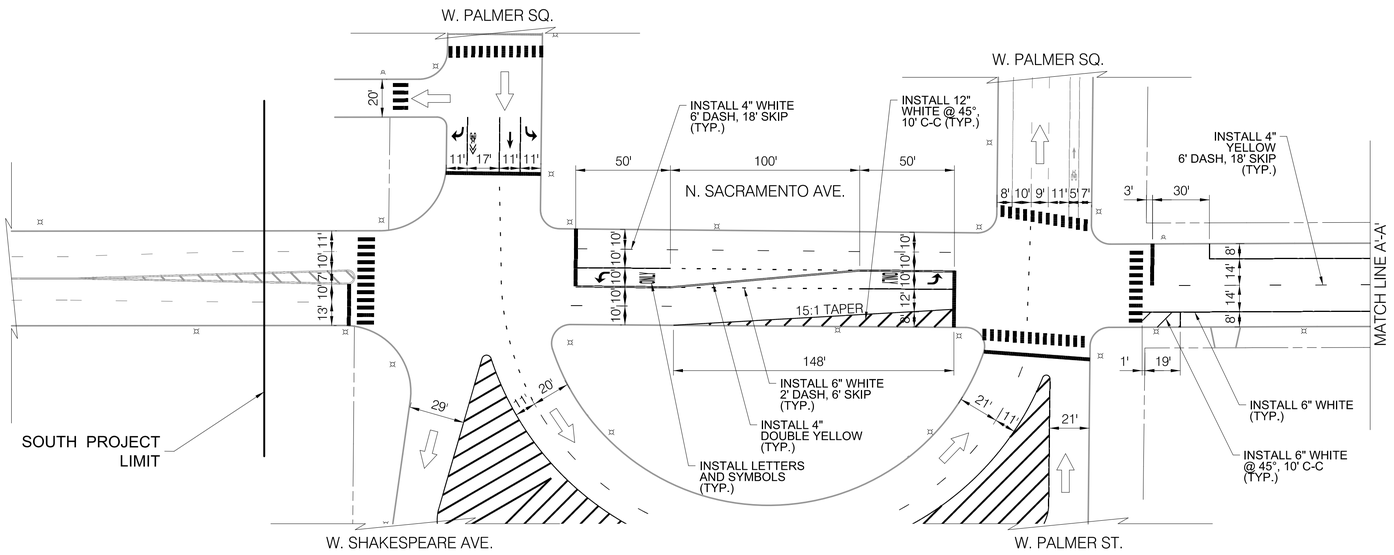
SHEET NO.
44

DATE:01/12/18

EXISTING CONDITIONS



INSTALLATION PLAN



LEGEND

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

NOTES

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

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

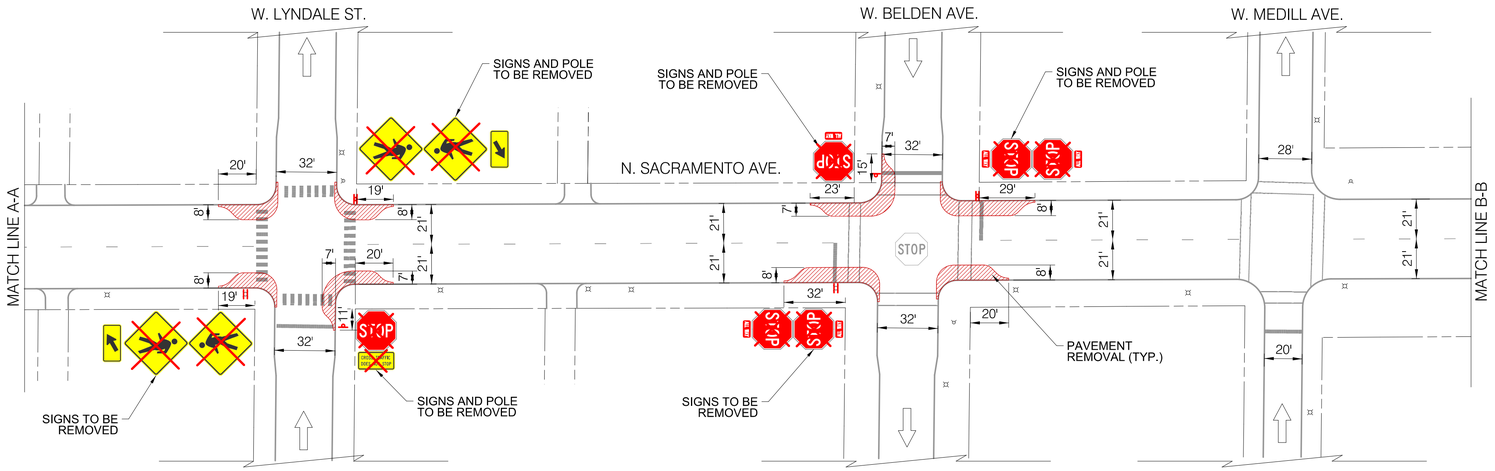
N. SACRAMENTO AVENUE
W. PALMER ST. TO W. FULLERTON AVE.

SCALE: 1" = 40'

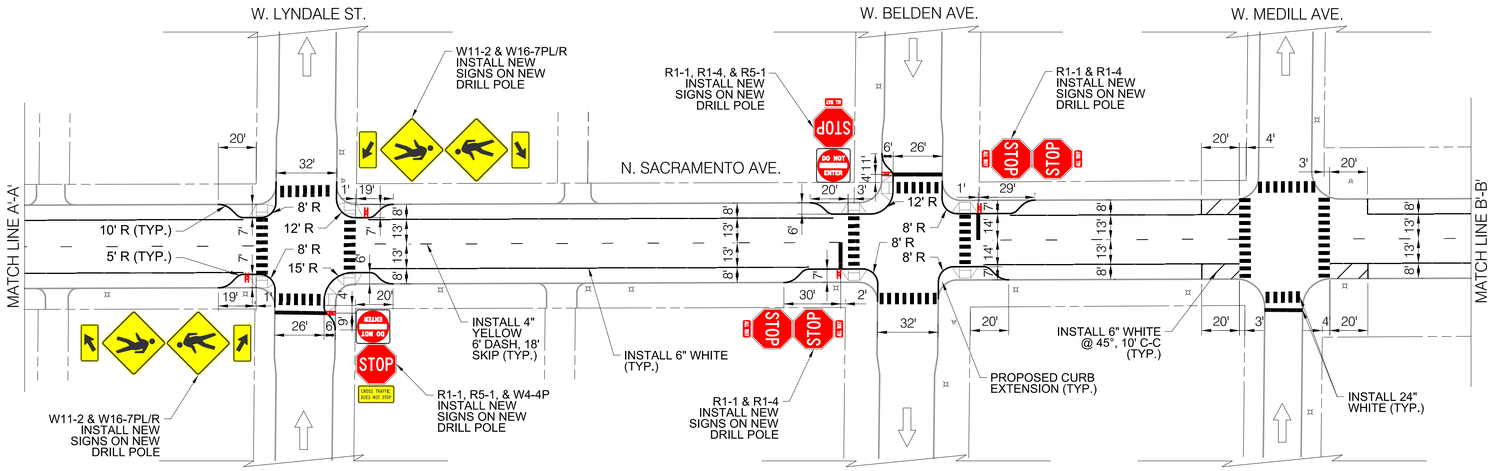
SHEET NO. 45

DATE:01/12/18

EXISTING CONDITIONS



INSTALLATION PLAN



LEGEND

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

NOTES

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

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

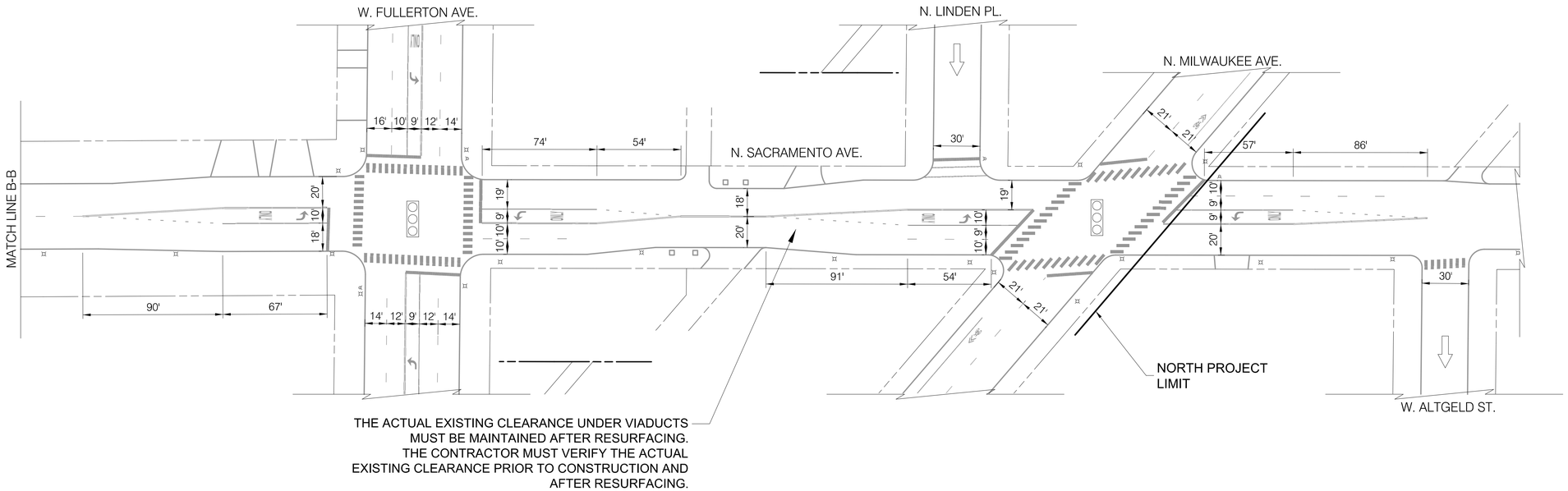
N. SACRAMENTO AVENUE
W. PALMER ST. TO W. FULLERTON AVE.

SCALE: 1" = 40'

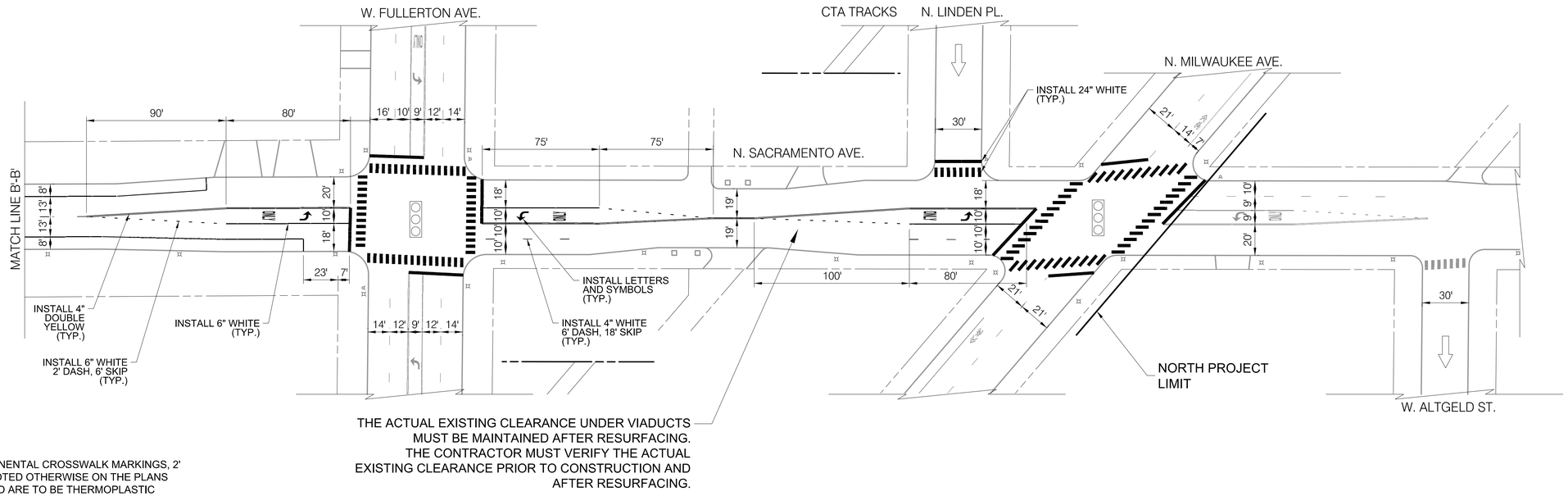
SHEET NO. 46

DATE:01/12/18

EXISTING CONDITIONS



INSTALLATION PLAN



LEGEND

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

NOTES

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

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

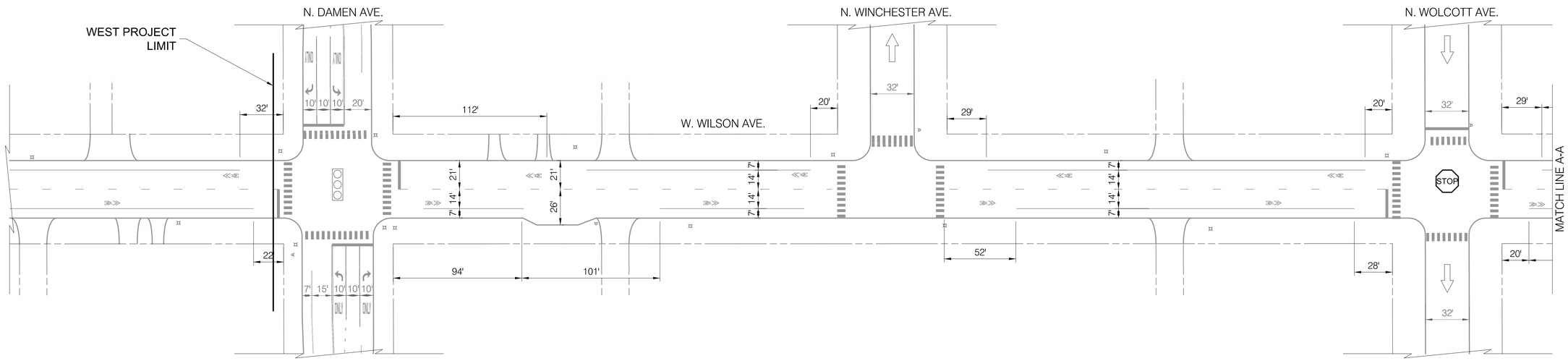
N. SACRAMENTO AVENUE
W. PALMER ST. TO W. FULLERTON AVE.

SCALE: 1" = 40'

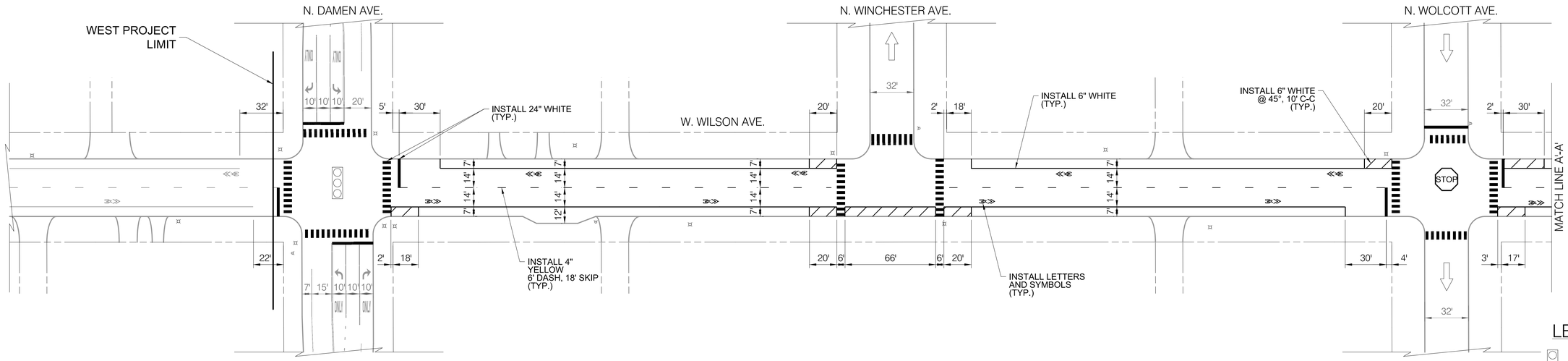
SHEET NO. 47

DATE:01/12/18

EXISTING CONDITIONS



INSTALLATION PLAN



LEGEND

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

NOTES

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

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

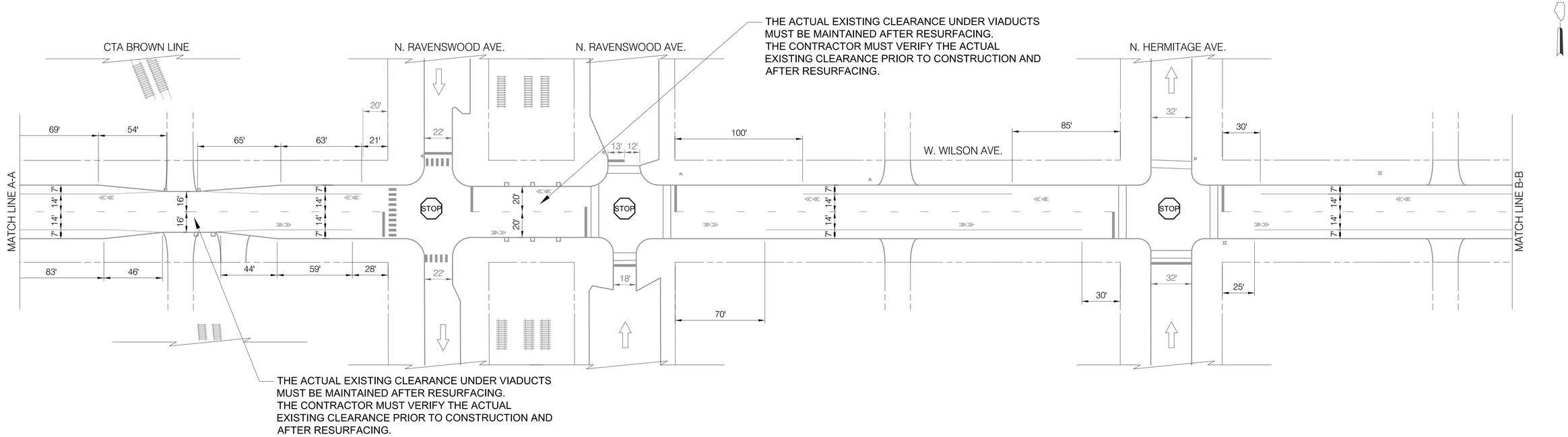
W. WILSON AVENUE
N. DAMEN AVE. TO N. LAKE SHORE DR.

SCALE: 1" = 40'

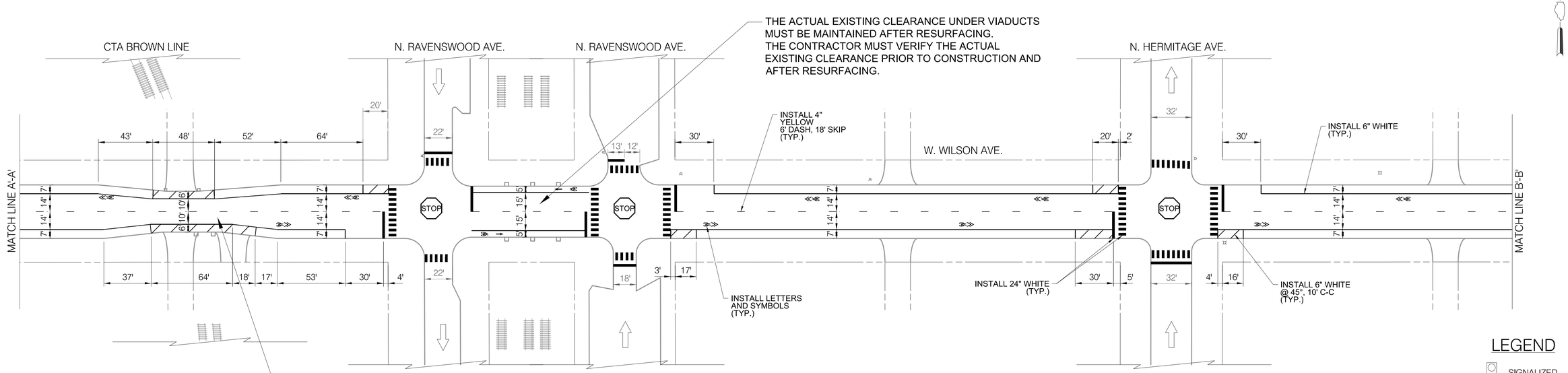
SHEET NO. 48

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
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LEGEND

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

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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

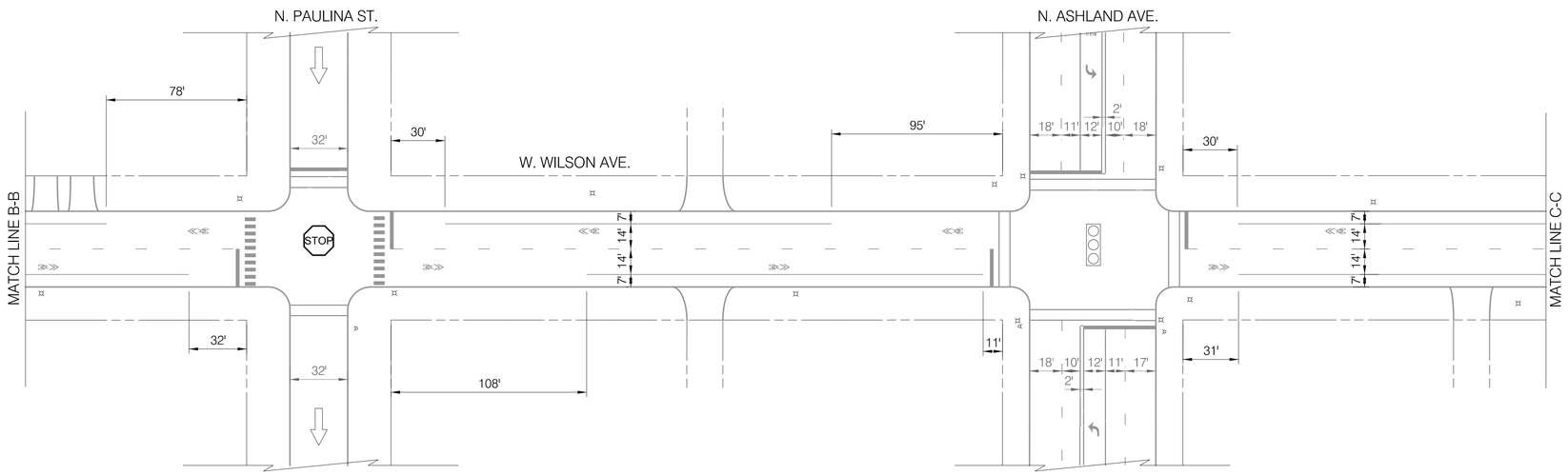
W. WILSON AVENUE
N. DAMEN AVE. TO N. LAKE SHORE DR.

SCALE: 1" = 40'

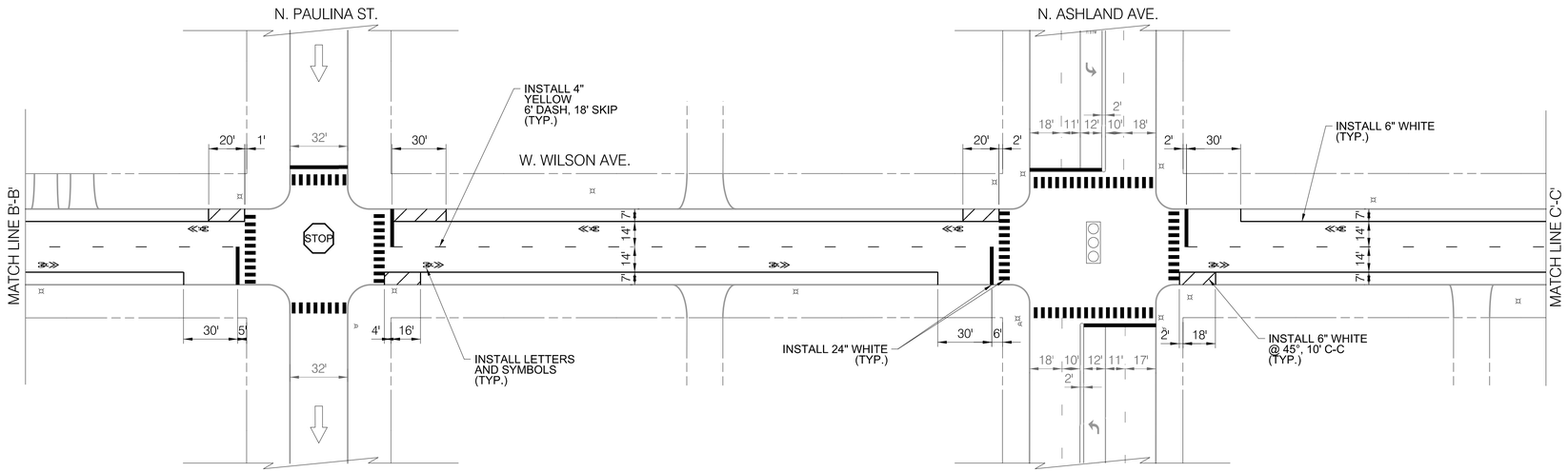
SHEET NO. 49

DATE:01/12/18

EXISTING CONDITIONS



INSTALLATION PLAN



LEGEND

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

NOTES

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

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

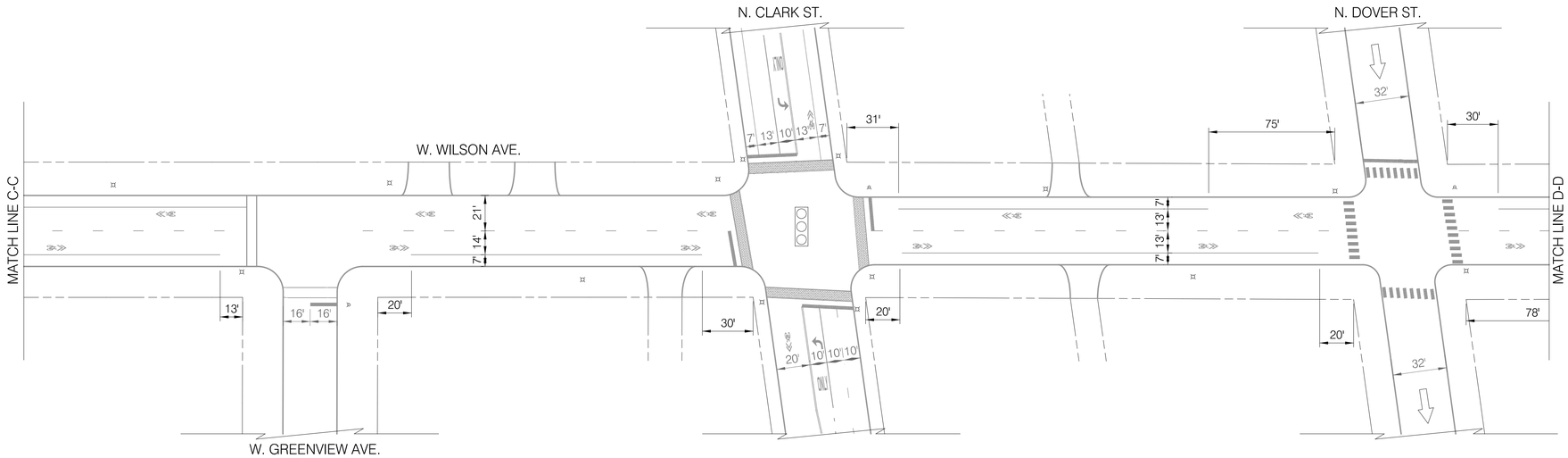
W. WILSON AVENUE
N. DAMEN AVE. TO N. LAKE SHORE DR.

SCALE: 1" = 40'

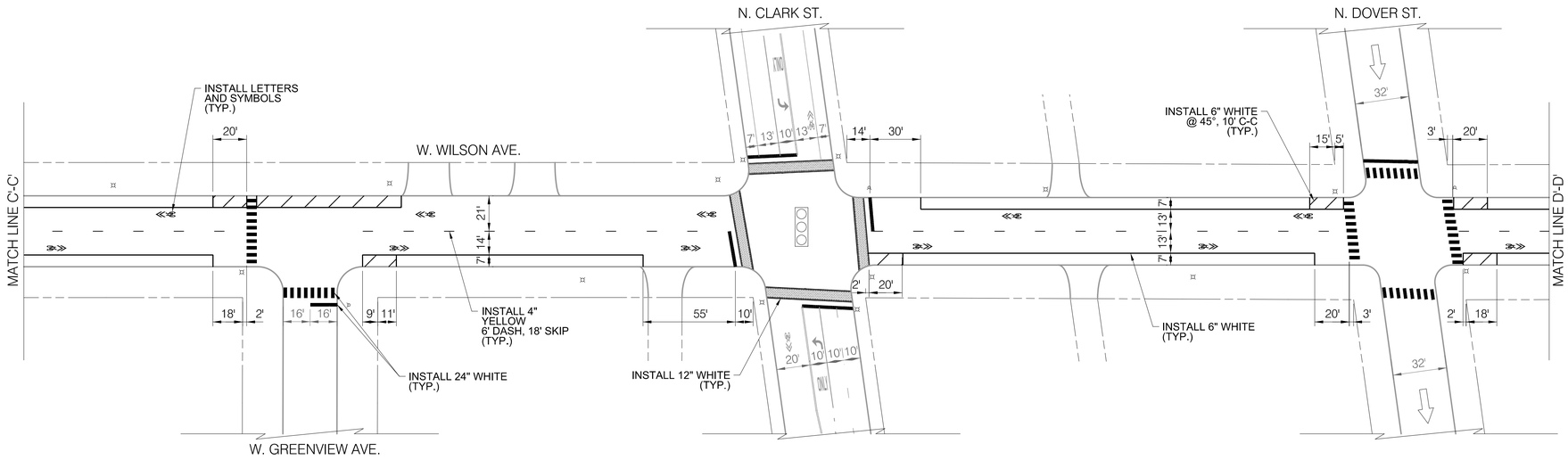
SHEET NO. 50

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

LEGEND

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

CDOT
CHICAGO DEPARTMENT OF TRANSPORTATION

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

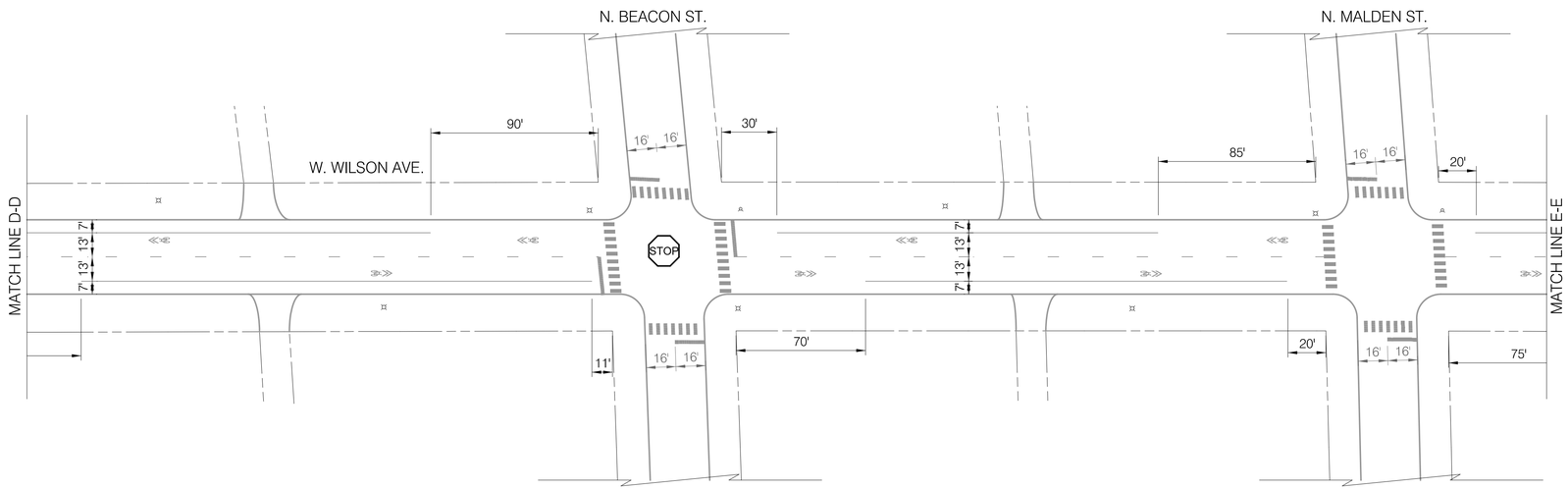
W. WILSON AVENUE
N. DAMEN AVE. TO N. LAKE SHORE DR.

SCALE: 1" = 40'

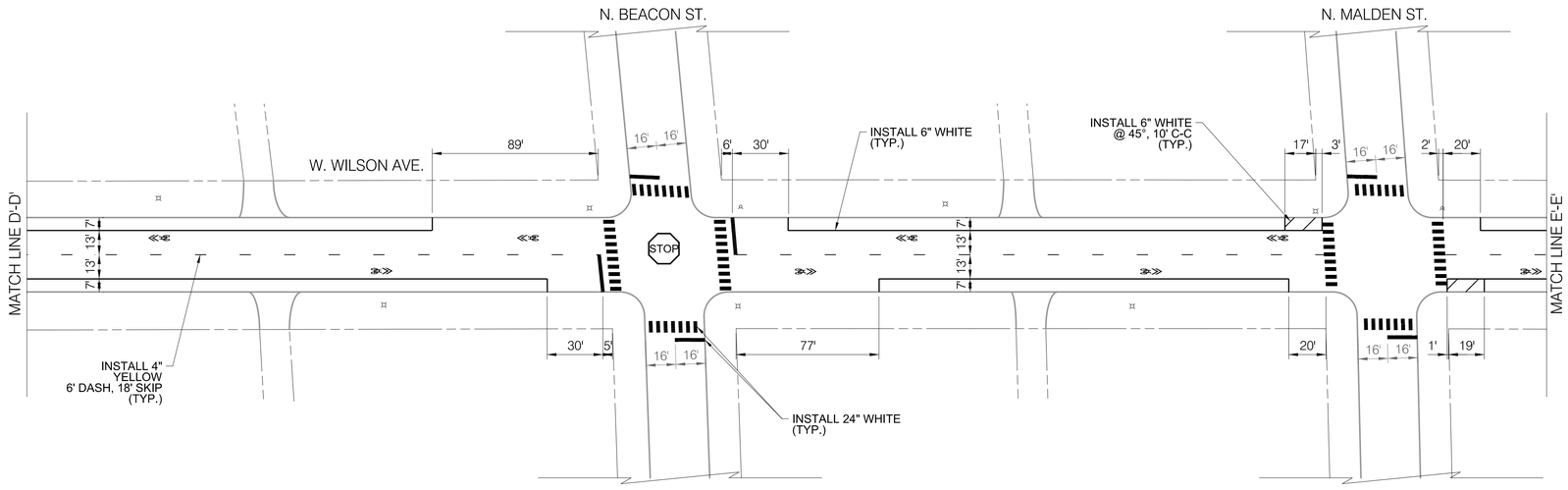
SHEET NO.
51

DATE:01/12/18

EXISTING CONDITIONS



INSTALLATION PLAN



0' 20' 40'

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
- STOP ALL-WAY STOP
- ONE-WAY STREET

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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

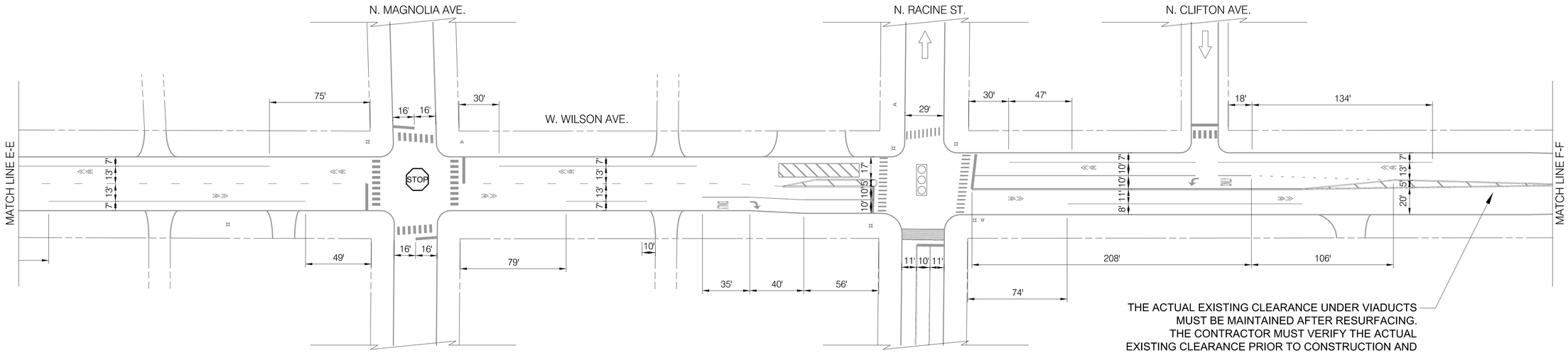
W. WILSON AVENUE
N. DAMEN AVE. TO N. LAKE SHORE DR.

SCALE: 1" = 40'

SHEET NO. 52

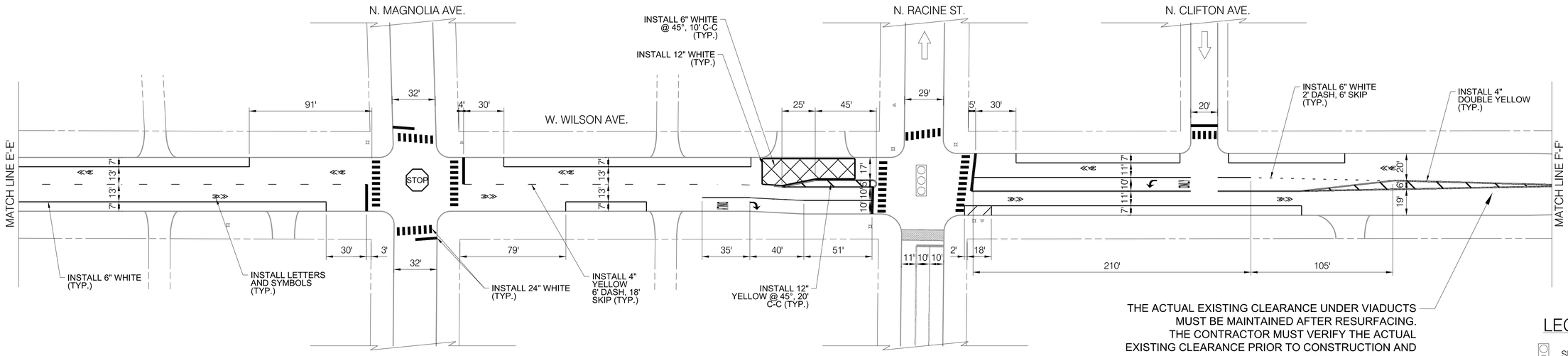
DATE:01/12/18

EXISTING CONDITIONS



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.

INSTALLATION PLAN



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
- STOP ALL-WAY STOP
- ONE-WAY STREET

NOTES

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

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

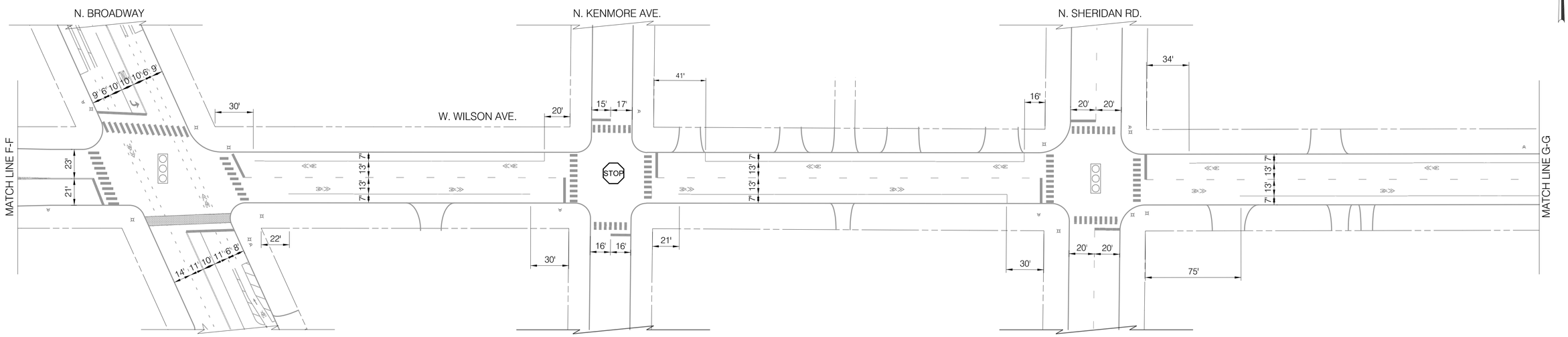
W. WILSON AVENUE
N. DAMEN AVE. TO N. LAKE SHORE DR.

SCALE: 1" = 40'

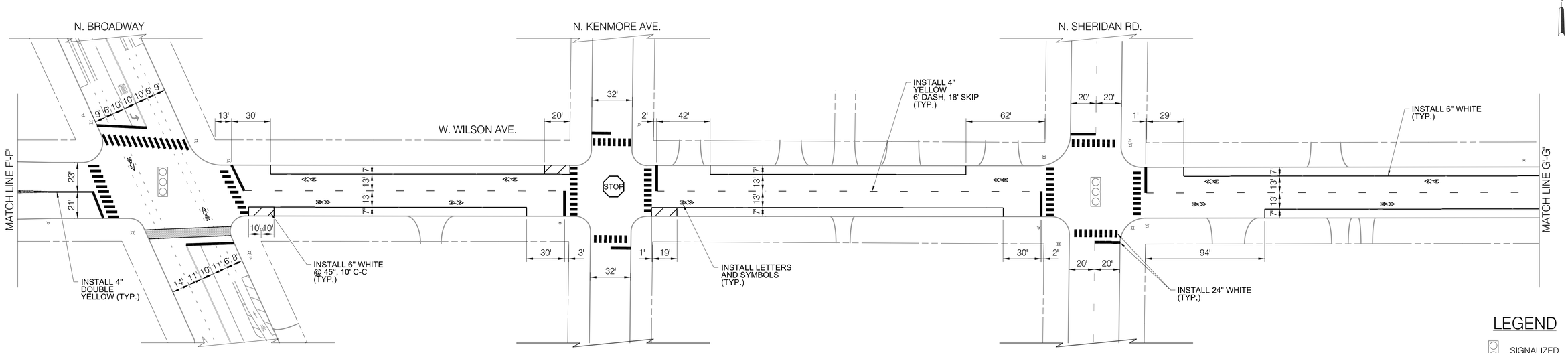
SHEET NO. 53

DATE:01/12/18

EXISTING CONDITIONS



INSTALLATION PLAN



LEGEND

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

NOTES

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CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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

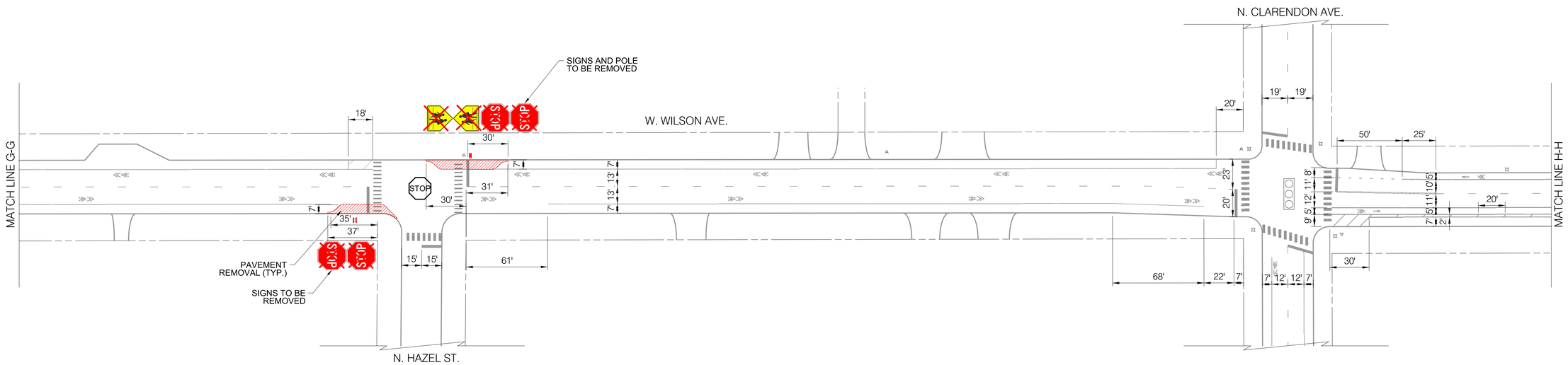
W. WILSON AVENUE
N. DAMEN AVE. TO N. LAKE SHORE DR.

SCALE: 1" = 40'

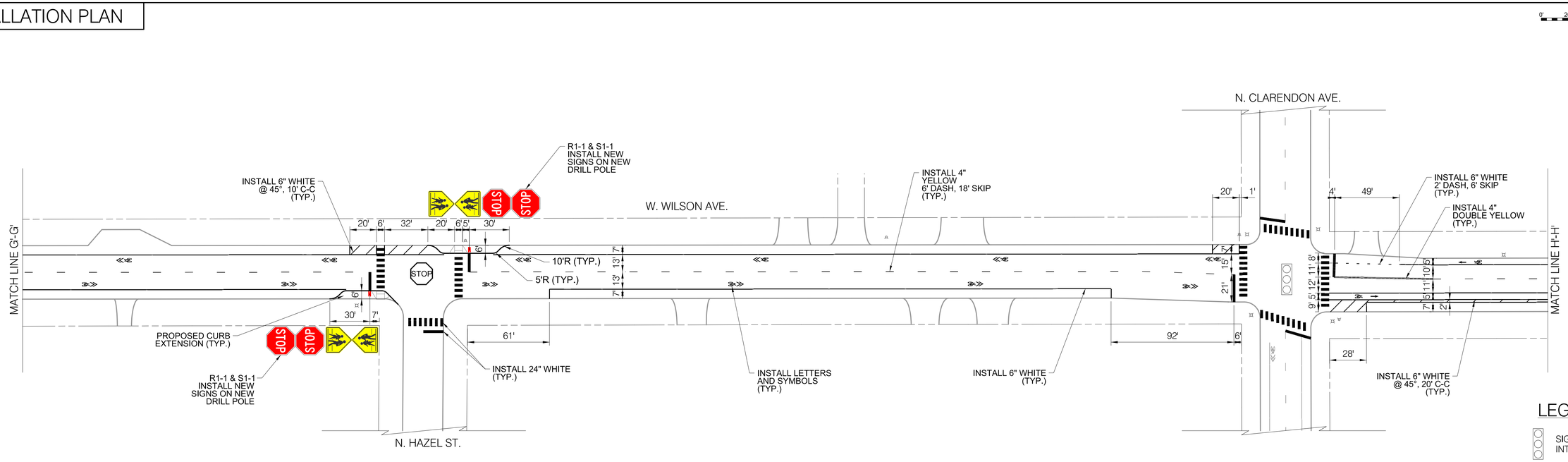
SHEET NO. 54

DATE:01/12/18

EXISTING CONDITIONS



INSTALLATION PLAN



LEGEND

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

NOTES

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

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

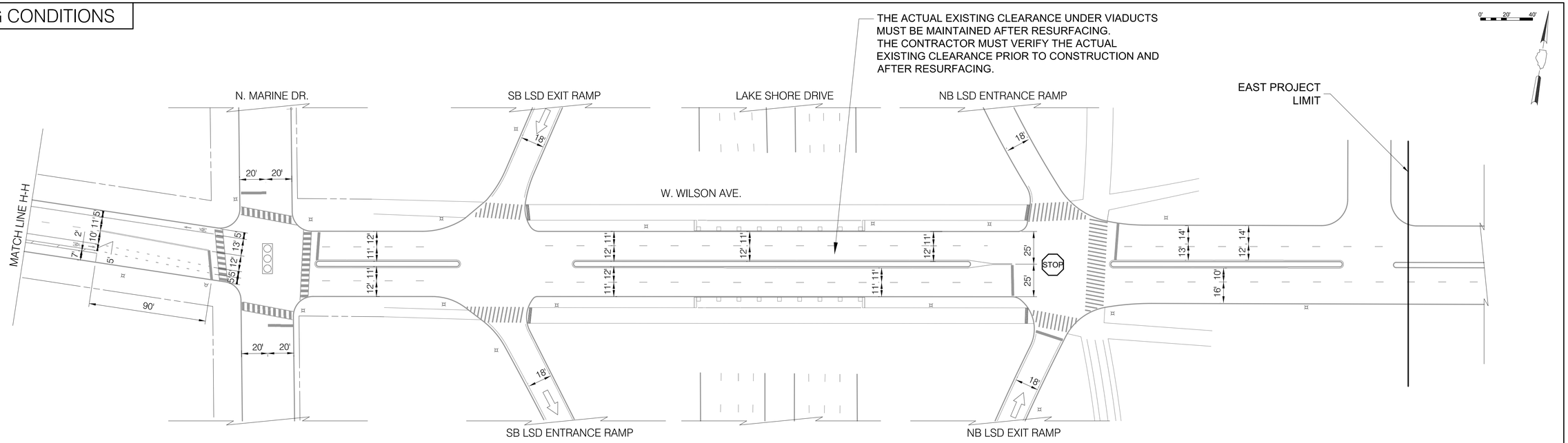
W. WILSON AVENUE
N. DAMEN AVE. TO N. LAKE SHORE DR.

SCALE: 1" = 40'

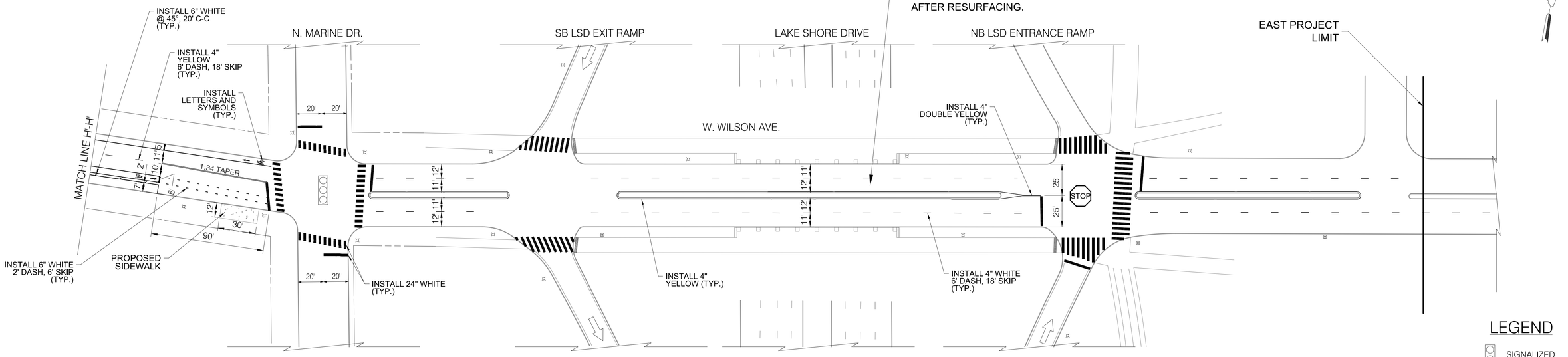
SHEET NO. 55

DATE:01/12/18

EXISTING CONDITIONS



INSTALLATION PLAN



LEGEND

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

NOTES

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CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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

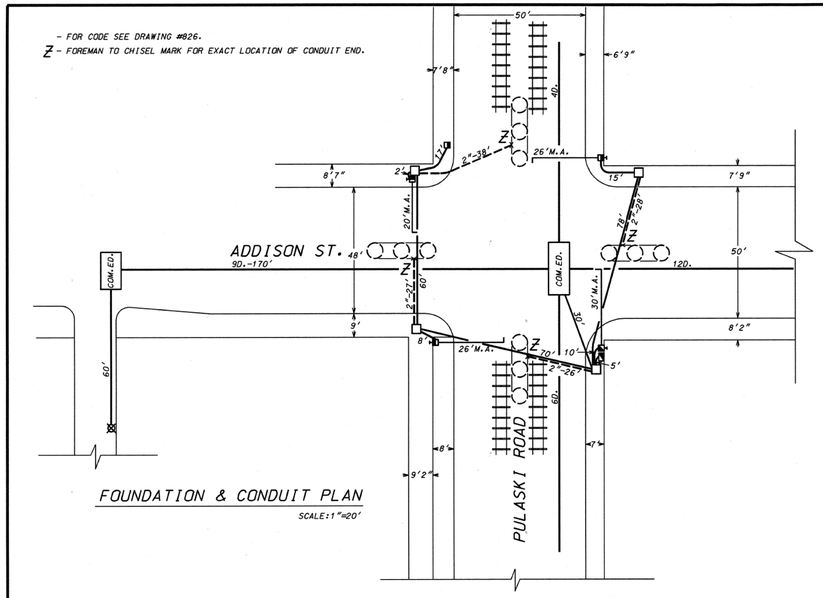
W. WILSON AVENUE
N. DAMEN AVE. TO N. LAKE SHORE DR.

SCALE: 1" = 40'

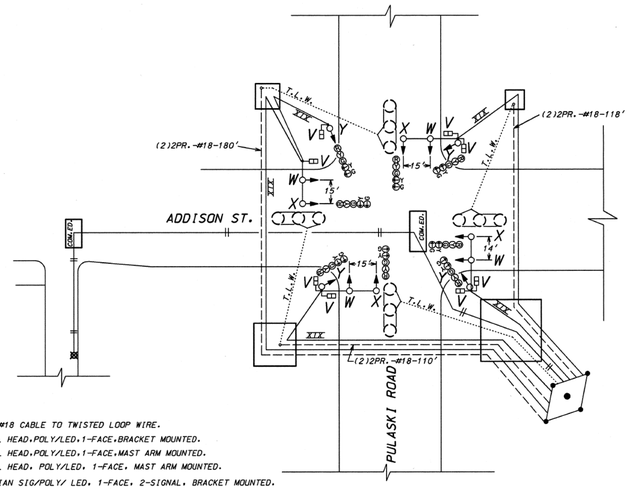
SHEET NO. 56

DATE:01/12/18

- FOR CODE SEE DRAWING #826.
Z - FOREMAN TO CHISEL MARK FOR EXACT LOCATION OF CONDUIT END.

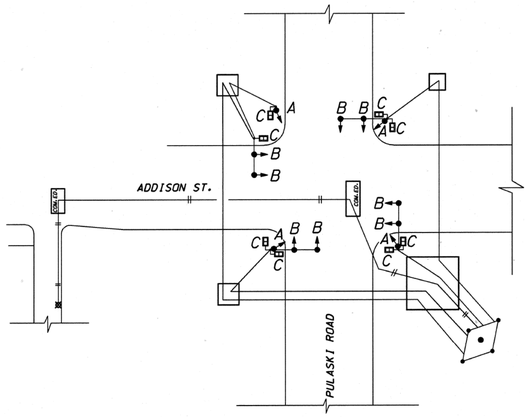


FOUNDATION & CONDUIT PLAN
SCALE:1"=20'



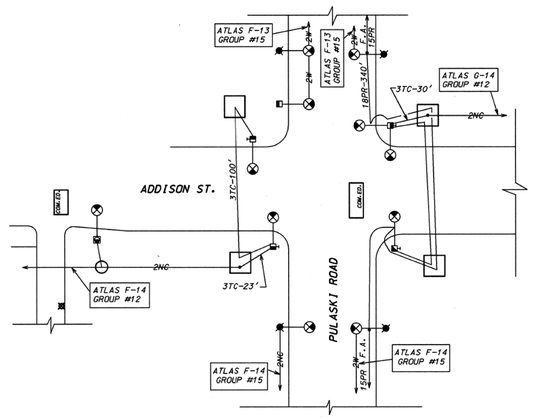
○ - DENOTES SPLICE #18 CABLE TO TWISTED LOOP WIRE.
Y - INSTALL 5-SIGNAL HEAD.POLY/LED.1-FACE.BRACKET MOUNTED.
X - INSTALL 5-SIGNAL HEAD.POLY/LED.1-FACE.MAST ARM MOUNTED.
W - INSTALL 3-SIGNAL HEAD. POLY/LED. 1-FACE. MAST ARM MOUNTED.
V - INSTALL PEDESTRIAN SIG/POLY/ LED. 1-FACE. 2-SIGNAL. BRACKET MOUNTED.

CABLE & SIGNAL PLAN
NOT TO SCALE



A - REMOVE 3-SIGNAL HEAD. 1-FACE. BRACKET MOUNTED.
B - REMOVE 3-SIGNAL HEAD. 1-FACE. MAST ARM MOUNTED.
C - REMOVE PEDESTRIAN SIGNAL HEAD.

CABLE & SIGNAL REMOVAL PLAN
NOT TO SCALE



STREET LIGHTING & FIRE ALARM EQUIPMENT
NOT TO SCALE

NO.	DATE	REVISION
A	7-15-03	INSTALL DETECTOR LOOPS:5 SIGNAL HEADS WITH LEFT TURN ARROWS ON ALL FOUR APPROACHES:INSTALL NEW POLY/LED 3-SIGNAL HEAD & NEW PEDESTRIAN SIGNALS POLY/LED. W.O. #1320108

WORK ORDER NO. 1320108 DATE 7-15-03
COST ALLOCATION ACCOUNT
APPROPRIATION ACCOUNT { MATERIAL / LABOR
SUPERSEDES DRAWING #12478 DATED:5-24-95

TRAFFIC CONTROL SIGNALS
N. PULASKI RD. & W. ADDISON AVE.

CITY OF CHICAGO
DEPT. OF STREETS AND SANITATION
BUREAU OF ELECTRICITY
DIVISION OF ELECTRICAL ENGINEERING

DRAFTSMAN:	CHIEF DRAFTSMAN:	ENGINEER:
ARMANDO VIVANCO	ROBERT CARTER	ARMANDO VIVANCO

SUPERVISING ENGINEER: ELEC. DESIGN ENGR.
ENGINEER OF ELECTRICITY:
GEN'L SUPT. OF ELECTRICITY:
DEPUTY COMMISSIONER:
DWG. NO. 12478
SIZE: 22" | 36" SCALE: AS NOTED DATE: 7-15-03

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.

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

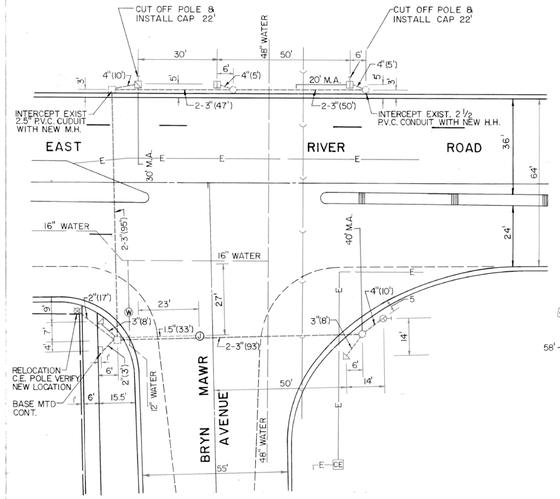
W. ADDISON ST. AT N. PULASKI RD.

SHEET NO. 57

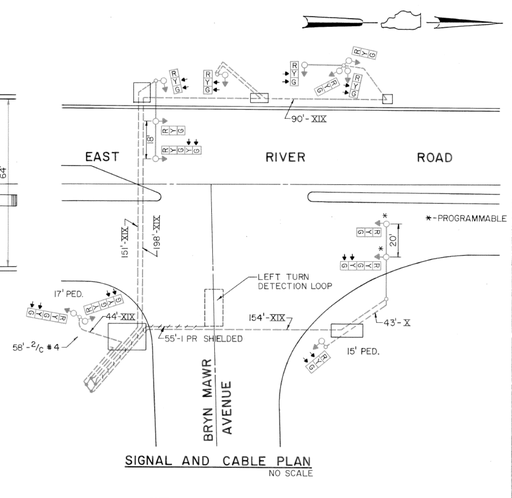
LOOP DETECTOR PLAN

SCALE: N.T.S.

DATE:01/12/18

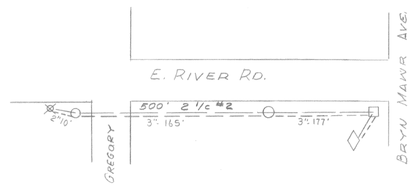


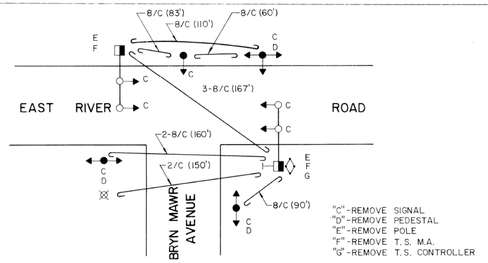
FOUNDATION AND CONDUIT PLAN
SCALE: 1" = 20'



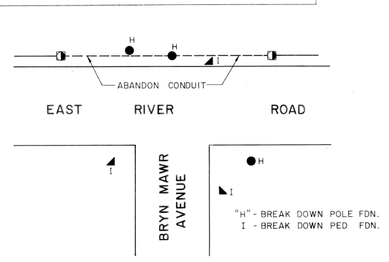
SIGNAL AND CABLE PLAN
NO SCALE

NOTE
TRAFFIC SIGNALS IN SERVICE PER THIS DRAWING ON 12-18-90





TRAFFIC SIGNAL REMOVAL PLAN NO SCALE



CONDUIT AND FOUNDATION REMOVAL PLAN NO SCALE

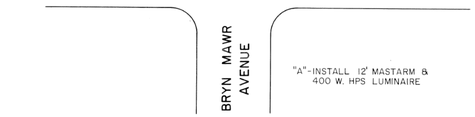
DATE	REVISION

TRAFFIC CONTROL SIGNALS
BRYN MAWR AVE. & EAST RIVER RD.

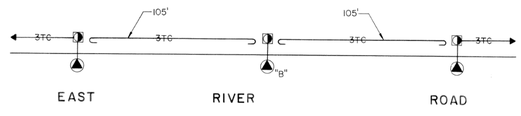
CITY OF CHICAGO
DEPT. OF STREETS AND SANITATION
BUREAU OF ELECTRICITY
DIVISION OF ELECTRICAL ENGINEERING

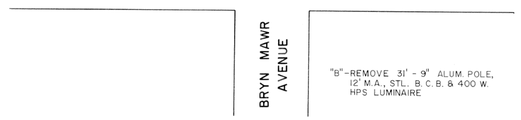
DRAFTSMAN:	CHIEF DRAFTSMAN:	ENGINEER:
SUPERVISING ENGINEER: D. CARLSON	ELEC. DESIGN ENGR.	DWG. NO.
ENGINEER OF ELECTRICITY: A. Dubelsky		23458
GEN'L. SUPT. OF ELECTRICITY:		
DEPUTY COMMISSIONER:		
SIZE:	SCALE:	DATE:





STREET LIGHTING ADJUSTMENT PLAN
NO SCALE





STREET LIGHTING REMOVAL PLAN
NO SCALE

DATE	REVISION

WORK ORDER NO. 1913140 DATE
COST ALLOCATION ACCOUNT
APPROPRIATION ACCOUNT { MATERIAL / LABOR

TRAFFIC CONTROL SIGNALS
BRYN MAWR AVE. & EAST RIVER RD.

CITY OF CHICAGO
DEPT. OF STREETS AND SANITATION
BUREAU OF ELECTRICITY
DIVISION OF ELECTRICAL ENGINEERING

DRAFTSMAN:	CHIEF DRAFTSMAN:	ENGINEER:
SUPERVISING ENGINEER: D. CARLSON	ELEC. DESIGN ENGR.	DWG. NO.
ENGINEER OF ELECTRICITY: A. Dubelsky		23458
GEN'L. SUPT. OF ELECTRICITY:		
DEPUTY COMMISSIONER:		
SIZE:	SCALE:	DATE:

PLANS BY GANDHI & ASSOCIATES

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.

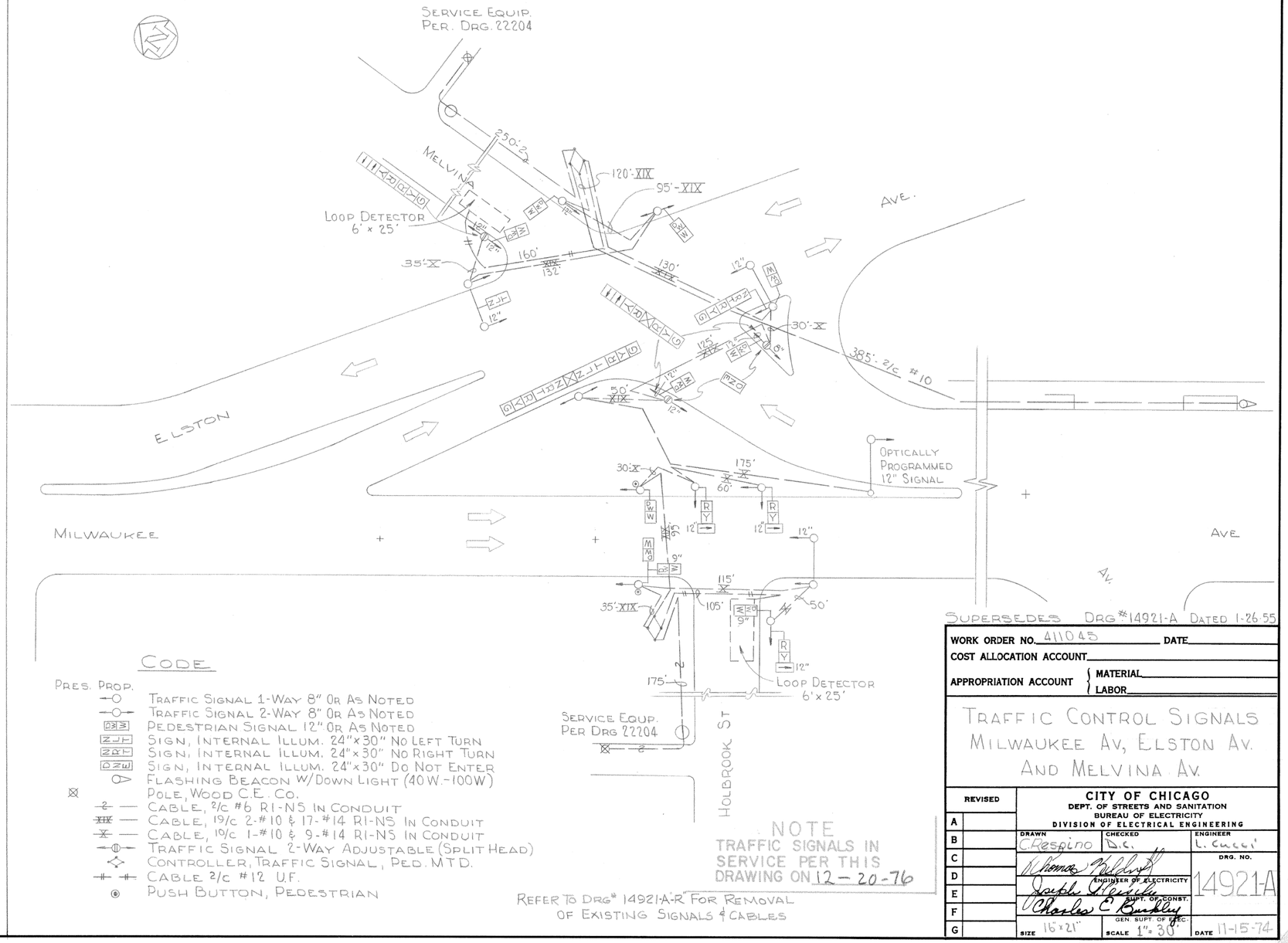
CDOT
CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING NORTH AREA B-4-152	N. EAST RIVER RD. AT W. BRYN MAWR AVE.	SHEET NO. 58
LOOP DETECTOR PLAN	SCALE: N.T.S.	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.



CODE

PRES. PROP.

- Traffic Signal 1-Way 8" Or As Noted
- Traffic Signal 2-Way 8" Or As Noted
- Pedestrian Signal 12" Or As Noted
- Sign, Internal Illum. 24"x30" No Left Turn
- Sign, Internal Illum. 24"x30" No Right Turn
- Sign, Internal Illum. 24"x30" Do Not Enter
- Flashing Beacon w/Down Light (40 W.-100 W)
- Pole, Wood C.E. Co.
- Cable, 2/c #6 RI-NS In Conduit
- Cable, 19/c 2-#10 & 17-#14 RI-NS In Conduit
- Cable, 19/c 1-#10 & 9-#14 RI-NS In Conduit
- Traffic Signal 2-Way Adjustable (Split Head)
- Controller, Traffic Signal, Ped. M.T.D.
- Cable 2/c #12 U.F.
- Push Button, Pedestrian

NOTE
TRAFFIC SIGNALS IN SERVICE PER THIS DRAWING ON 12-20-76

REFER TO DRG# 14921-A-R FOR REMOVAL OF EXISTING SIGNALS & CABLES

SUPERSEDES DRG #14921-A DATED 1-26-55

WORK ORDER NO. 411045 DATE
COST ALLOCATION ACCOUNT
APPROPRIATION ACCOUNT { MATERIAL / LABOR

TRAFFIC CONTROL SIGNALS MILWAUKEE AV, ELSTON AV. AND MELVINA AV.

CITY OF CHICAGO
DEPT. OF STREETS AND SANITATION
BUREAU OF ELECTRICITY
DIVISION OF ELECTRICAL ENGINEERING

REVISED	DRAWN	CHECKED	ENGINEER
A	C. Respino	D.C.	L. Cucci
B			
C	ENGINEER OF ELECTRICITY: Thomas Baldwin		DRG. NO. 14921-A
D			
E	SUPT. OF CONST.: Charles C. Buckley		
F			
G	SIZE 16"x21"	GEN. SUPT. OF ELEC. SCALE 1"=30'	DATE 11-15-74

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

N. ELSTON AVE. AND N. MELVINA AVE.

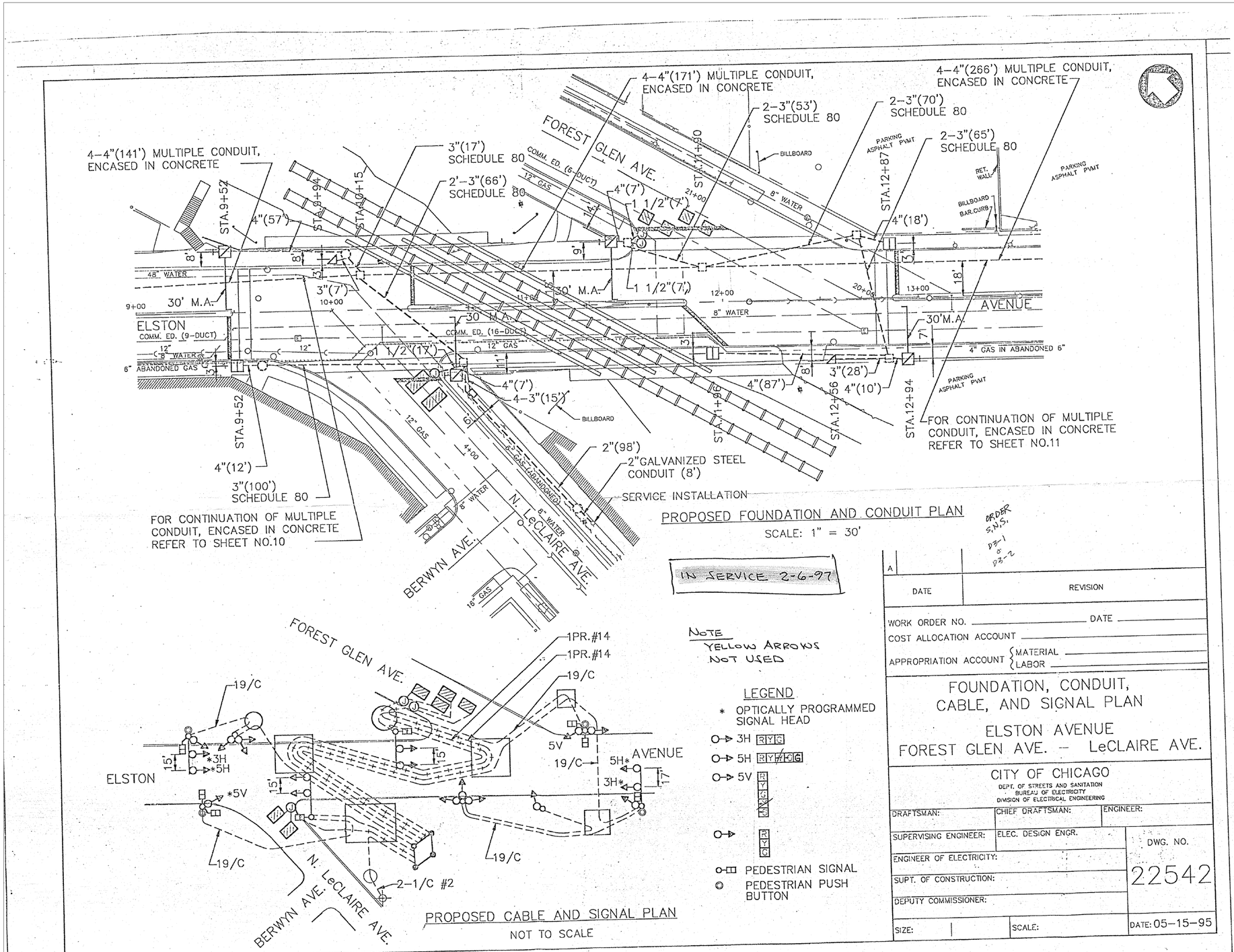
SHEET NO. 59

LOOP DETECTOR PLAN

SCALE: N.T.S.

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.



A		
DATE	REVISION	

WORK ORDER NO. _____ DATE _____
COST ALLOCATION ACCOUNT _____
APPROPRIATION ACCOUNT { MATERIAL _____ / LABOR _____

FOUNDATION, CONDUIT, CABLE, AND SIGNAL PLAN

ELSTON AVENUE
FOREST GLEN AVE. -- LeCLAIRE AVE.

CITY OF CHICAGO
DEPT. OF STREETS AND SANITATION
BUREAU OF ELECTRICITY
DIVISION OF ELECTRICAL ENGINEERING

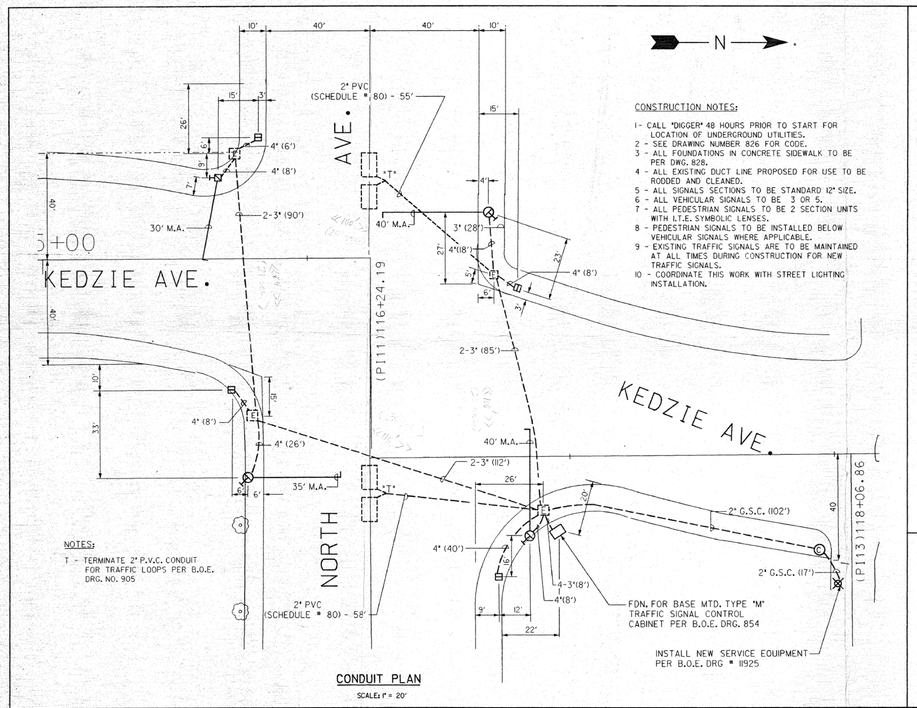
DRAFTSMAN:	CHIEF DRAFTSMAN:	ENGINEER:
SUPERVISING ENGINEER:	ELEC. DESIGN ENGR.	DWG. NO. 22542
ENGINEER OF ELECTRICITY:		
SUPT. OF CONSTRUCTION:		
DEPUTY COMMISSIONER:		
SIZE:	SCALE:	DATE: 05–15–95

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

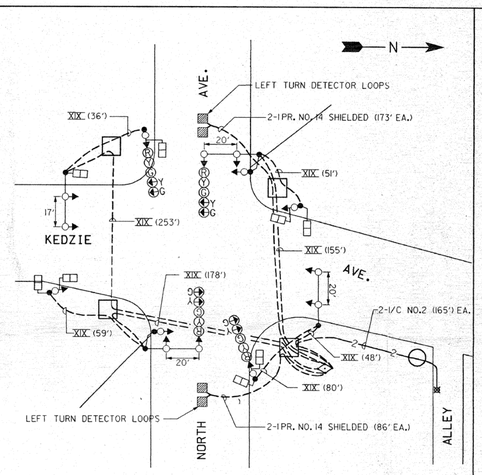
2018 ARTERIAL STREET RESURFACING NORTH AREA B–4–152	N. ELSTON AVE. AT N. LECLAIRE AVE. AND N. FOREST GLEN AVE.	SHEET NO. 60
LOOP DETECTOR PLAN	SCALE: N.T.S.	DATE: 01/12/18



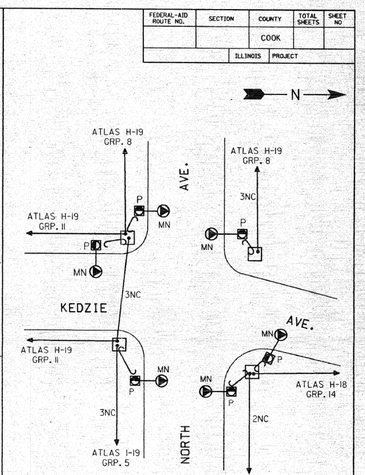
NOTES:
T - TERMINATE 2" P.V.C. CONDUIT FOR TRAFFIC LOOPS PER B.O.E. DRG. NO. 905

CONSTRUCTION NOTES:
1- CALL "DIGGER" 48 HOURS PRIOR TO START FOR LOCATION OF UNDERGROUND UTILITIES.
2 - SEE DRAWING NUMBER 826 FOR CODE.
3 - ALL FOUNDATIONS IN CONCRETE SIDEWALK TO BE PER DWG. 828.
4 - ALL EXISTING DUCT LINE PROPOSED FOR USE TO BE RODDED AND CLEANED.
5 - ALL SIGNALS SECTIONS TO BE STANDARD 12" SIZE.
6 - ALL VEHICULAR SIGNALS TO BE 3 OR 5.
7 - ALL PEDESTRIAN SIGNALS TO BE 2 SECTION UNITS WITH I.T.E. SYMBOLIC LENSES.
8 - PEDESTRIAN SIGNALS TO BE INSTALLED BELOW VEHICULAR SIGNALS WHERE APPLICABLE.
9 - EXISTING TRAFFIC SIGNALS ARE TO BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION FOR NEW TRAFFIC SIGNALS.
10 - COORDINATE THIS WORK WITH STREET LIGHTING INSTALLATION.

CONDUIT PLAN
SCALE: 1" = 20'

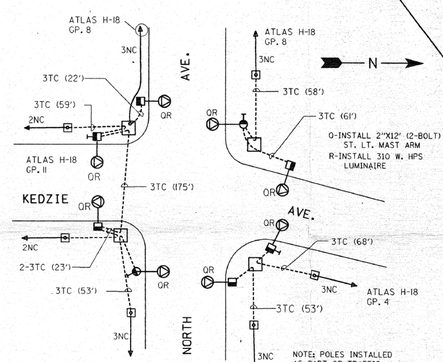


TRAFFIC SIGNAL CABLE PLAN
NOT TO SCALE



STREET LIGHTING REMOVAL PLAN
NOT TO SCALE

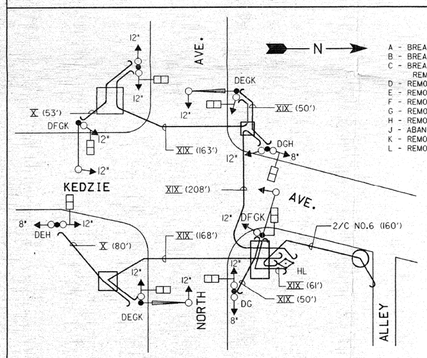
NOTES:
M - REMOVE ST. LT. M.A. (4') STL.
N - REMOVE 400 W. HPS LUMINAIRE
O - REMOVE S.L. CABLE AS SHOWN
P - POLE TO BE REMOVED AS PART OF TRAFFIC SIGNAL WORK



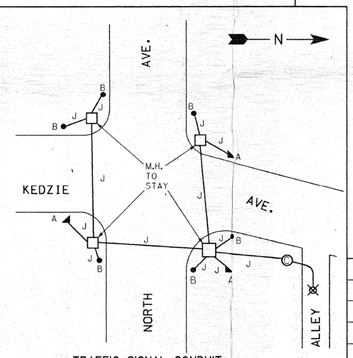
NOTE: POLES INSTALLED AS PART OF TRAFFIC SIGNAL WORK

STREET LIGHTING ADJUSTMENTS
NOT TO SCALE

REMOVAL NOTES
A - BREAKDOWN PEDESTAL FOUNDATION
B - BREAKDOWN POLE
C - BREAKDOWN HANDHOLE OR MANHOLE, REM. AND SALV. F./C.
D - REMOVE TRAFFIC SIGNALS
E - REMOVE TRAFFIC SIGNALS MAST ARM (ALUM)
F - REMOVE TRAFFIC SIGNALS MAST ARM (STEEL)
G - REMOVE PEDESTRIAN SIGNAL
H - REMOVE TRAFFIC SIGNAL POST
J - ABANDON CONDUIT
K - REMOVE TRAFFIC SIGNAL POLE AND BAL. BASE
L - REMOVE TRAFFIC SIGNAL CONTROLER



TRAFFIC SIGNAL EQUIPMENT AND CABLE REMOVAL PLAN
NOT TO SCALE



TRAFFIC SIGNAL CONDUIT AND FOUNDATION REMOVAL PLAN
NOT TO SCALE

NO.	BY	DATE	DESCRIPTION

REVISIONS

CONSULTANT: GANDHI AND ASSOCIATES, INC. ENGINEERS AND PLANNERS 6035 N. NORTHWEST HIGHWAY SUITE 306 CHICAGO, ILLINOIS 60631 TEL./TEXT(773)-594-1080

KEDZIE AVENUE
TRAFFIC CONTROL SIGNALS
KEDZIE AVE. AT NORTH AVE.

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAYS

DRAWN	SD
CHECKED	MS
APPROVED	
DATE	02-03-97
SCALE	AS NOTED
CONTRACT NO.	

SHEET NO. 43
PROJECT NO.

FEDERAL-AID ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
		COOK		
	ILLINOIS	PROJECT		

DATE	REVISION
A	

WORK ORDER NO. _____ DATE _____
COST ALLOCATION ACCOUNT _____
APPROPRIATION ACCOUNT _____ MATERIAL _____ LABOR _____

SUPERSEDES DRG. 12474 DATED 4-26-77

TRAFFIC CONTROL SIGNALS
KEDZIE AVE. AT NORTH AVE.

CITY OF CHICAGO
DEPT. OF STREETS AND SANITATION
BUREAU OF ELECTRICITY
DIVISION OF ELECTRICAL ENGINEERING

DRAFTSMAN:	CHIEF DRAFTSMAN:	ENGINEER:
SUPERVISING ENGINEER:	ELEC. DESIGN ENGR:	
ENGINEER OF ELECTRICITY:		12474
SUPT. OF CONSTRUCTION:		
DEPUTY COMMISSIONER:		
SIZE:	SCALE: AS NOTED	DATE:

43

J:\PROJECTS\KEDZIE\MIL-TCS.DGN

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.

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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
Karlov 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																					CCIT
PCC Sidewalk, 5 in					60	1344	1998	0	0	192	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	408	0	0	0	0	0	0	3636 SF
PCC Sidewalk, 8 in Special					0	0	0	0	0	252	0	0	0	0	145	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	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	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	957 FT
Sidewalk Removal					242	3292	3078	0	0	444	0	0	0	0	195	0	0	768	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	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	266 FT

CDOT
CHICAGO DEPARTMENT OF TRANSPORTATION

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. 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	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
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					4																		Concrete on-ramp to I-90 Expwy at N side of the street
	SE					4																		
Mont Clare Ave.	NW																							No crossing
	NE																							No crossing
	SW					4A																		
	SE					4A																		
Nottingham Ave.	NW																							No crossing
	NE																							No crossing
	SW					4A																		
	SE		X																					CCIT
Nordica Ave.	NW																							No crossing
	NE																							No crossing
	SW					4A																		
	SE					4A																		
Sayre Ave.	NW		X									11B												Light pole obstruction
	NE		X									11B												
	SW		X									11B												
	SE				3A																			
Newland Ave.	NW																							No crossing
	NE																							No crossing
	SW					4A																		Concrete on-ramp to I-90 Expwy at N side of the street
	SE					4A																		
New England Ave.	NW																							No crossing
	NE																							No crossing
	SW					4A																		
	SE					4A																		
Talcott Ave.	NW																							No crossing
	NE																							No crossing
	SW					4B																		
	SE					4B																		
Newcastle Ave.	NW																							No crossing
	NE																							No crossing
	SW					4B																		
	SE					4A																		
Normandy Ave.	NW																							No crossing
	NE																							No crossing
	SW					4A																		
	SE					4A																		
Natoma Ave.	NW																						21	
	NE																						21	
	SW				3A																			
	SE				2A																			
Nashville Ave.	NW																							No crossing
	NE																							No crossing
	SW					4A																		
	SE					4A																		

CDOT
CHICAGO DEPARTMENT OF TRANSPORTATION

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	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
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	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	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	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	0	48	396 SF
Detectable Warning Tiles, Radial					0	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	0	135	40	124	0	0	0	0	0	0	0	84	1294 FT
Sidewalk Removal					242	474	4508	0	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	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	0	30	26	68	0	0	0	0	0	0	0	0	424 FT

CDOT
CHICAGO DEPARTMENT OF TRANSPORTATION

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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	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	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 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	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 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	71 FT
Sidewalk Removal					0	0	506	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	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	20 FT

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CDOT
CHICAGO DEPARTMENT OF TRANSPORTATION

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 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	0	24	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 SF
Combination Curb and Gutter Removal					0	0	148	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0	0	180 FT
Sidewalk Removal					0	0	1368	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70	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	0	32	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

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CHICAGO DEPARTMENT OF TRANSPORTATION

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CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

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

SHEET NO.
66

ADA RAMP QUANTITIES

SCALE: N.T.S.

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			
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CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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										
	NE																								No crossing
	SW		X											12											
	SE																15B								
Long Ave.	NW		X			4																			
	NE																								No crossing
	SW		X										11B												
	SE																15B								
Lynch Ave.	NW		X																						CCIT
	NE		X																						CCIT
	SW		X																						CCIT
	SE		X																						CCIT
Ludlam Ave.	NW		X		3B																				CCIT
	NE																15B								
	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				CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF ENGINEERING	2018 ARTERIAL STREET RESURFACING NORTH AREA B-4-152	N. ELSTON AVENUE N. MELVINA AVE. TO W. FOSTER AVE.	SHEET NO. 68
NO.	BY	DATE	DESCRIPTION				
					ADA RAMP QUANTITIES	SCALE: N.T.S.	DATE:01/12/18

CDOT
CHICAGO DEPARTMENT OF TRANSPORTATION

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																		Remove E-facing ramp.
	N driveway																			19				
	NE																							No crossing
	SW		X			4																		
	S driveway																			19				
	SE																							No crossing
Laramie Ave.	NW	Y	X																					CCIT
	NE	Y	X																					CCIT
	SW	Y	X																					CCIT
	SE	Y	X																					CCIT
Leamington Ave.	NW		X		3B																			CCIT @ NW corner and CPT @ SW corner. Intersection recently resurfaced.
	NE															15B								
	SW		X			4																		
	SE																							
5312 N. Elston Ave.	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

CDOT
CHICAGO DEPARTMENT OF TRANSPORTATION

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	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:	Conventional bike lanes. NB Kedzie is in good condition from North to approx. 100LF S of Bloomingdale Trail. Concrete pavement (both directions) from apprx. 100LF S of Bloomingdale Trail to apprx. 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																			
	NE																								No crossing
	SW					4																			
	SE																								No crossing
McLean Ave.	NW																								CCIT
	NE																								No crossing
	SW																								CCIT
	SE																								No crossing
Armitage Ave.	NW	Y																							CCIT
	NE	Y												12S											
	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				
	SE		X			3A																			
Moffat St.	NW																								No crossing.
	NE		X			4																			
	SW																								No crossing.
	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	0	140	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

CDOT
CHICAGO DEPARTMENT OF TRANSPORTATION

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			3S																			
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	0	60	0	100	0	744	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	0	818	0	0	0	0	0	0	3450 SF
PCC Sidewalk, 8 in Special					0	170	0	0	0	0	0	0	0	274	0	165	0	0	0	0	0	0	0	0	609 SF
Detectable Warning Tiles, Linear					336	24	48	0	0	0	0	0	0	24	0	0	0	108	0	0	0	0	0	0	540 SF
Detectable Warning Tiles, Radial					0	0	0	0	0	0	0	0	0	0	0	28	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

CDOT
CHICAGO DEPARTMENT OF TRANSPORTATION

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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																			
	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	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	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	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	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	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	550 FT
Sidewalk Removal	2399	324	684	0	0	0	0	0	0	0	195	0	0	406	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	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	146 FT

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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

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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

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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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			3S																			
	NE	Y	X			3S																			
	SW	Y	X			3AS																			
	SE	Y	X			3BS																			
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																			
	NE		X		2																				CPT. Intersection resurfaced as recently as September 2016.
	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																				

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION	REVISIONS				CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF ENGINEERING	2018 ARTERIAL STREET RESURFACING NORTH AREA B-4-152	W. WILSON AVENUE N. DAMEN AVE. TO N. LAKE SHORE DR.	SHEET NO. 75
	NO.	BY	DATE	DESCRIPTION				
						ADA RAMP QUANTITIES	SCALE: N.T.S.	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
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																				
	NE	Y																						CCIT
	SW	Y	X	2BS																				CPT
	SE	Y	X		3BS																			CPT
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	0	150	100	0	312	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	6901 SF
PCC Sidewalk, 8 in Special				1290	1267	0	0	0	0	0	0	0	0	435	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	0	36	0	0	0	0	0	0	1296 SF
Detectable Warning Tiles, Radial				0	0	0	0	0	0	0	0	0	0	84	28	0	0	0	0	0	0	0	0	112 SF
Combination Curb and Gutter Removal				1080	790	221	0	0	0	0	0	0	0	120	62	0	50	0	0	0	0	0	0	2323 FT
Sidewalk Removal				9017	6162	1188	0	0	0	0	0	0	0	585	265	0	662	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	0	120	62	0	50	0	0	0	0	0	0	2323 FT
Side Curb at Property Line				260	220	90	0	0	0	0	0	0	0	78	34	0	0	0	0	0	0	0	0	682 FT

CDOT
CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

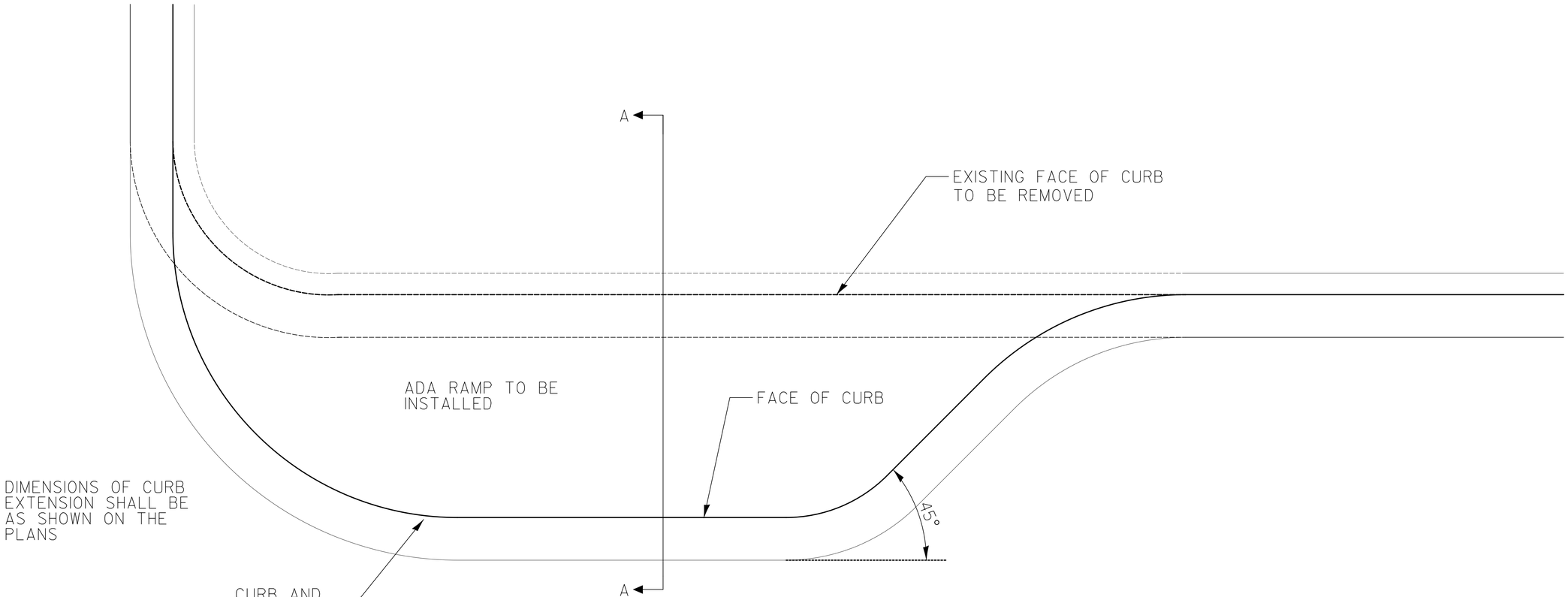
ADA RAMP QUANTITIES

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

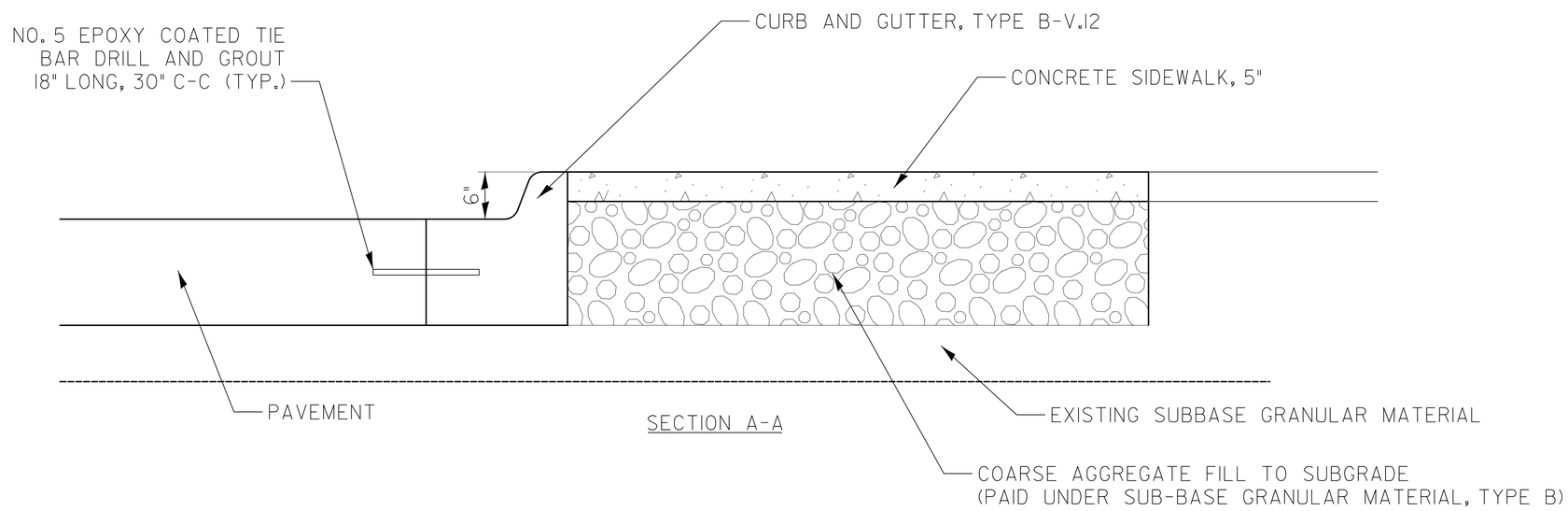
SCALE: N.T.S.

SHEET NO. 76

DATE:01/12/18



TYPICAL PLAN OF ATTACHED CURB EXTENSIONS



SECTION A-A

CDOT
CHICAGO DEPARTMENT
OF TRANSPORTATION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

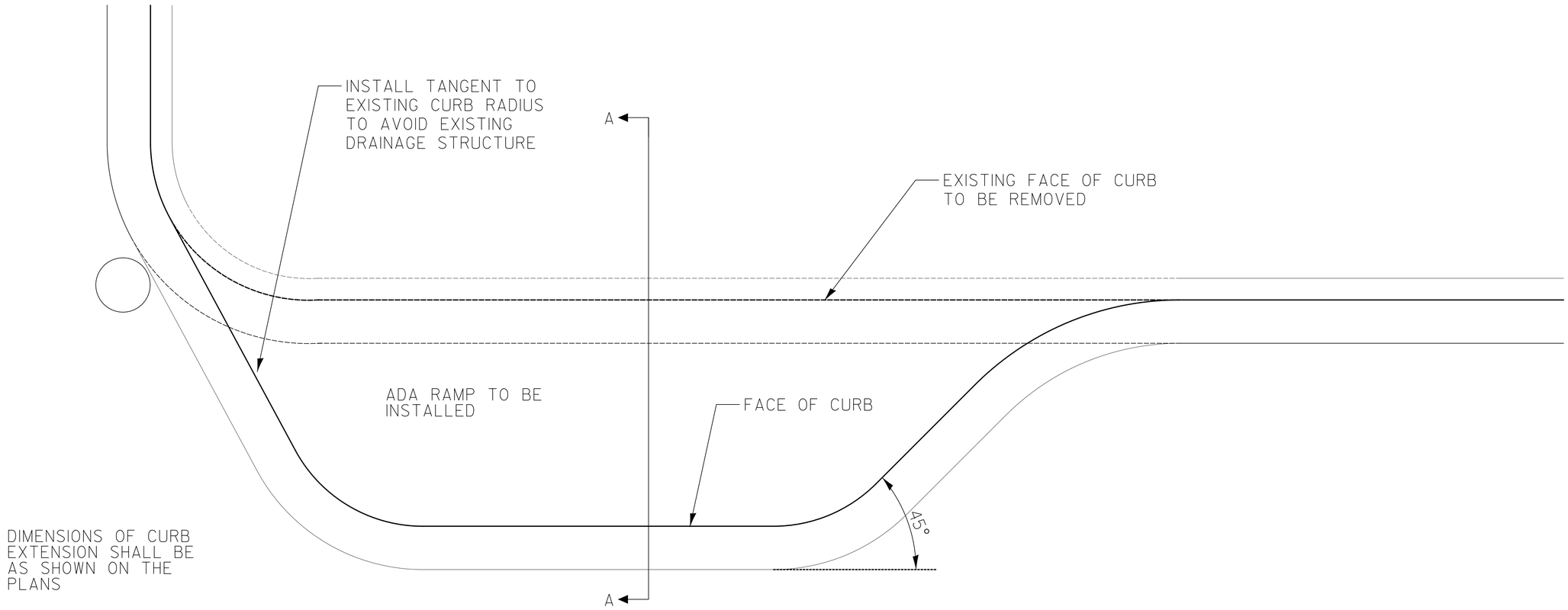
2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

DETAILS

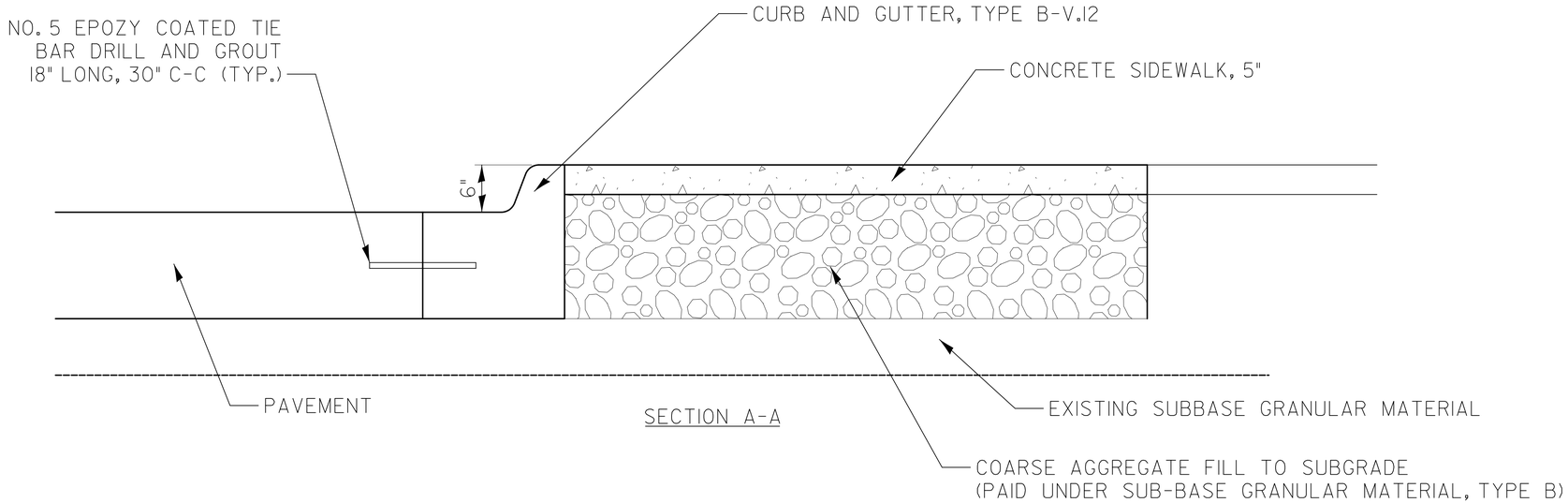
ATTACHED CURB EXTENSION

SHEET NO.
77

DATE:01/12/18



TYPICAL PLAN OF ATTACHED CURB EXTENSIONS



SECTION A-A

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

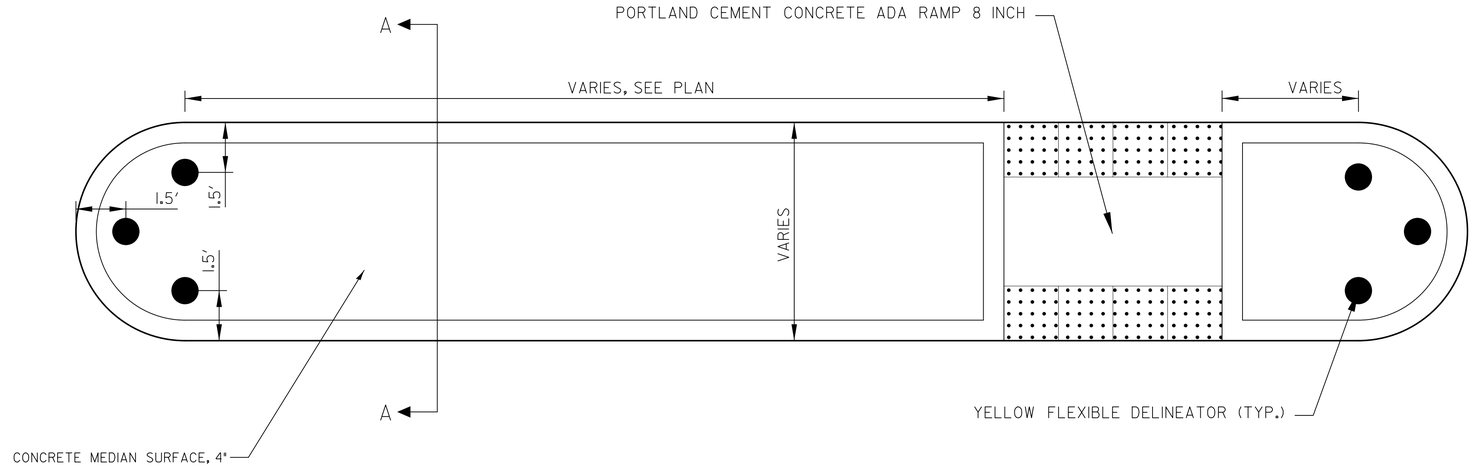
2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

DETAILS

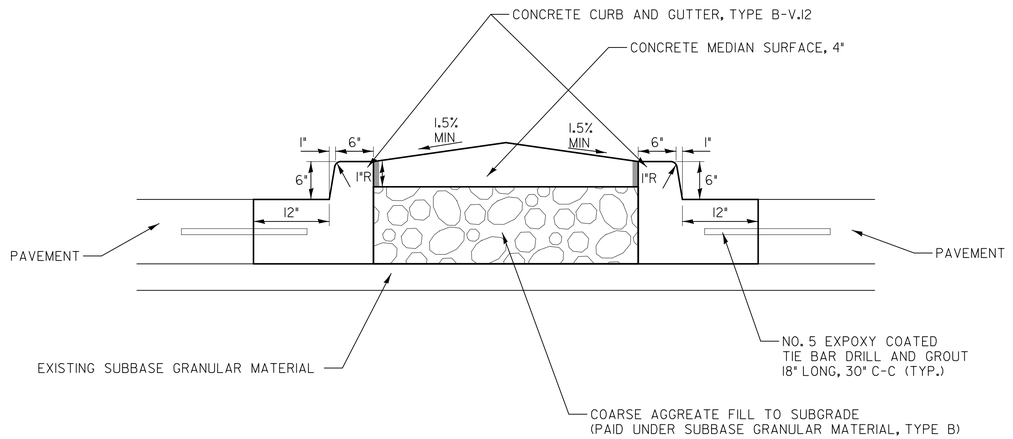
ATTACHED CURB EXTENSION

SHEET NO. 78

DATE:01/12/18



DETAILS FOR PEDESTRIAN REFUGE ISLAND



SECTION A-A

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

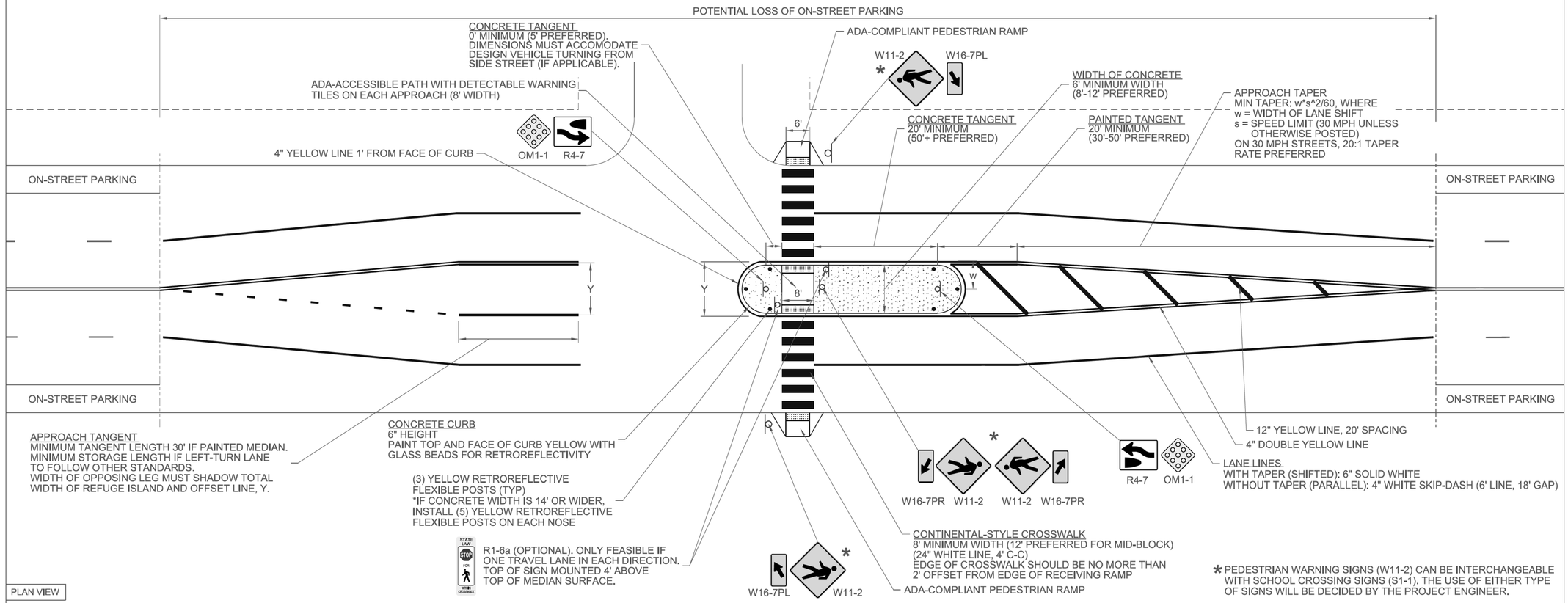
2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

DETAILS

PEDESTRIAN REFUGE ISLAND

SHEET NO. 79

DATE:01/12/18



REVISIONS	
DATE	DESCRIPTION
12/22/2016	UPDATE
5/10/2016	UPDATE
4/10/2013	ORIGINAL

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT

CDOT REFUGE ISLAND DETAIL

UNSIGNALIZED INTERSECTION

SCALE: N.T.S. | SHEET NO. 1 OF 1

CDOT
CHICAGO DEPARTMENT
OF TRANSPORTATION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

DETAILS

PEDESTRIAN REFUGE ISLAND
INTERSECTION

SHEET NO.
80

DATE:01/12/18

RULES AND REGULATIONS FOR CONSTRUCTION IN THE PUBLIC WAY

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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
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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
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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

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B-3-3	GENERAL NOTES (CONTINUED)
B-3-4	ADA COMPLIANCE AND TRANSITION GUIDELINES
B-3-5	SEAL

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SHEET#	SHEET NAME
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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
11/02/09	REVISION 4
08/10/12	REVISION 5

CITY OF CHICAGO
TABLE OF CONTENTS
SCALE: NOT TO SCALE
DATE: 10/23/2006
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CHECKED BY: LOM

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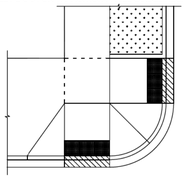
CURB RAMP LAYOUT B-1-2 IS PREFERRED WHEREVER POSSIBLE. WHERE RAMPS ARE LOCATED IN THE CORNER RADIUS, LAYOUT B-1-3 SHALL BE USED.

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 1:64 MAXIMUM.

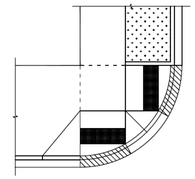
THE BLENDED TRANSITION LAYOUT B-1-7 (AND SIMILAR) MAY BE USED WHERE TWO RAMPS ARE NOT POSSIBLE DUE TO GEOMETRIC CONSTRAINTS, SUCH AS LIMITED SIDEWALK WIDTH OR GRADE ELEVATIONS. THE BLENDED TRANSITION SHALL NOT BE USED IF ACCESS TO AN EXISTING FACILITY WOULD BE REDUCED.

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

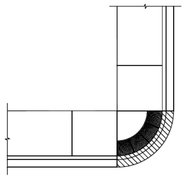
SEE SHEET B-3-3 FOR TRANSITION PANEL GUIDELINES.



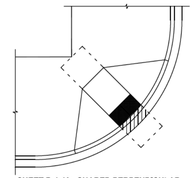
SHEET B-1-2: 2 PERPENDICULAR RAMPS



SHEET B-1-3: 2 RAMPS IN RADIUS



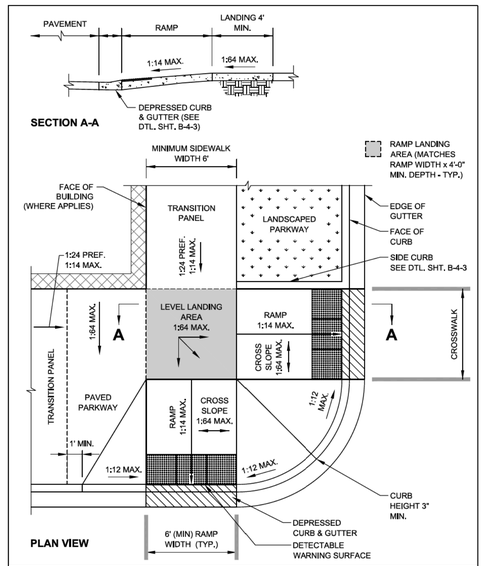
SHEET B-1-7: BLENDED TRANSITION



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

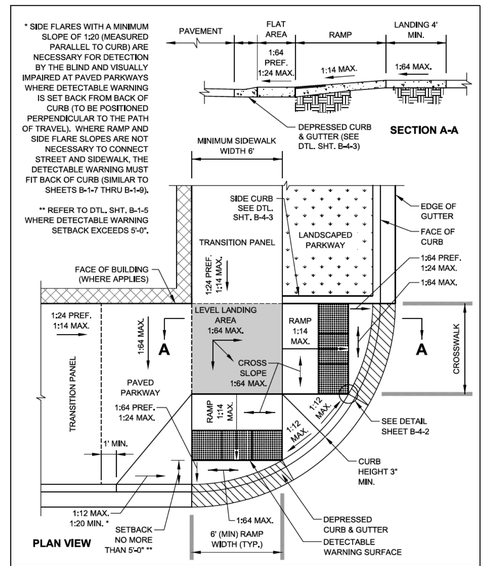
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11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5

CITY OF CHICAGO
TYPICAL CORNER RAMP LAYOUTS
SHEET B-1-1
SCALE: NOT TO SCALE
DATE: 10/23/2006
DRAWN BY: CDOT
CHECKED BY: LOM



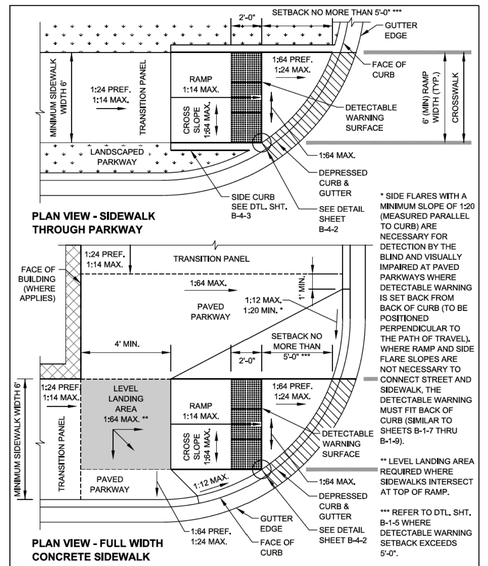
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11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5

CITY OF CHICAGO
2 PERPENDICULAR RAMPS AT CORNER
SHEET B-1-2
SCALE: NOT TO SCALE
DATE: 10/23/2006
DRAWN BY: CDOT
CHECKED BY: LOM



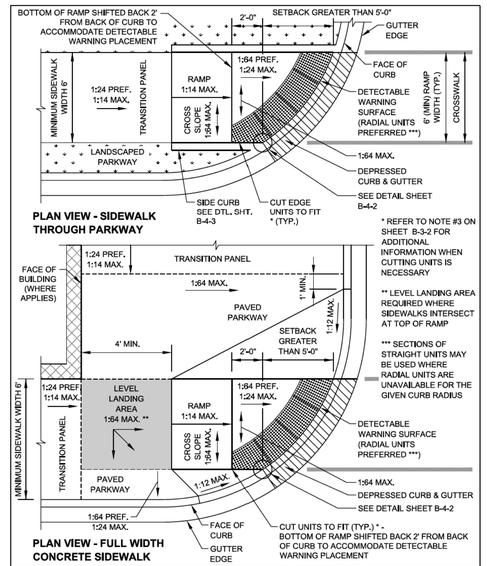
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11/02/09	REVISION 4
08/10/12	REVISION 5

CITY OF CHICAGO
2 PERPENDICULAR RAMPS AT CORNER
WITH RAMPS IN CURB RADIUS
SHEET B-1-3
SCALE: NOT TO SCALE
DATE: 10/23/2006
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CHECKED BY: LOM



DATE	REVISION
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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: 10/23/2006
DRAWN BY: CDOT
CHECKED BY: LOM



DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	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: 10/23/2006
DRAWN BY: CDOT
CHECKED BY: LOM

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS

NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

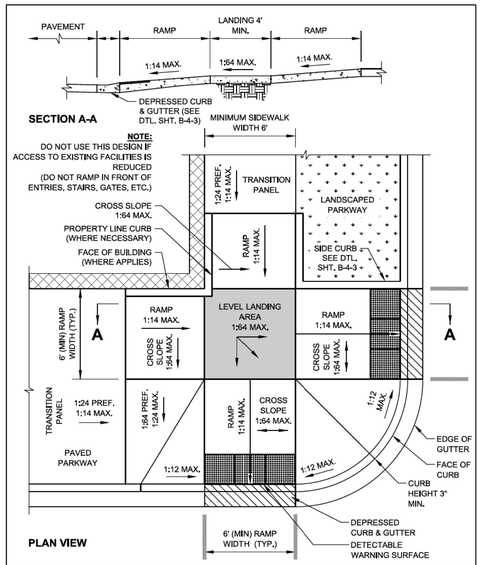
ADA RAMP DETAILS

CITY OF CHICAGO
ADA STANDARDS

SCALE: N.T.S.

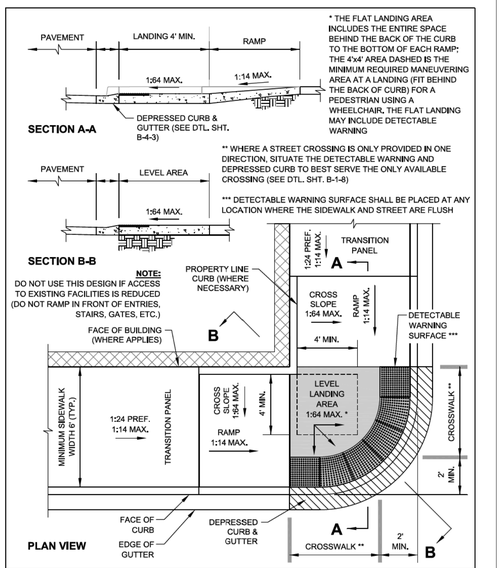
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DATE: 01/12/18



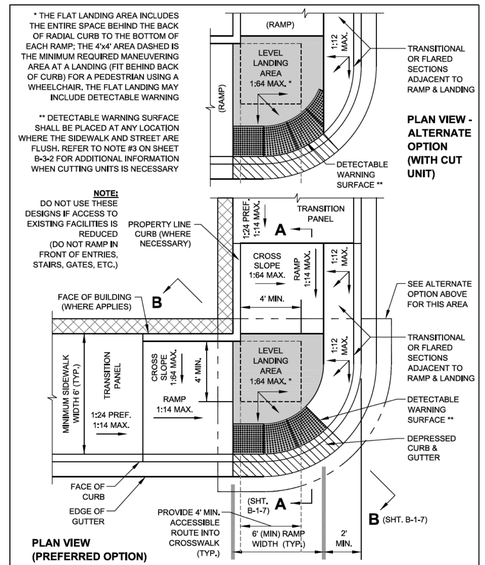
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11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5

CITY OF CHICAGO
COMBINATION RAMP AT CORNER
(PARALLEL AND PERPENDICULAR RAMPS)
SCALE: NOT TO SCALE
DATE: 10/23/2006
SHEET B-1-6
DRAWN BY: CDOT
CHECKED BY: LOM



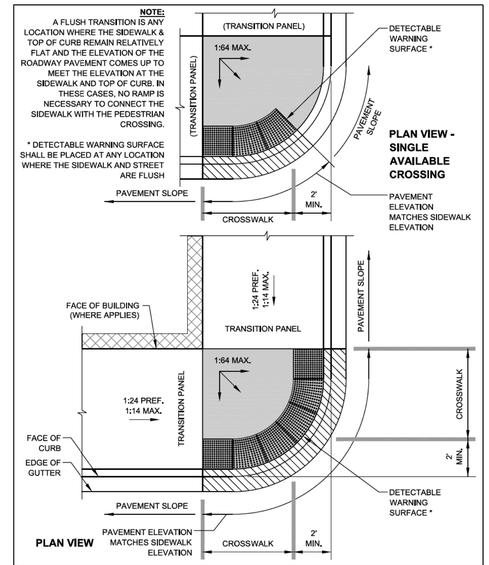
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08/10/12	REVISION 5

CITY OF CHICAGO
BLENDED TRANSITION AT CORNER
SCALE: NOT TO SCALE
DATE: 10/23/2006
SHEET B-1-7
DRAWN BY: CDOT
CHECKED BY: LOM



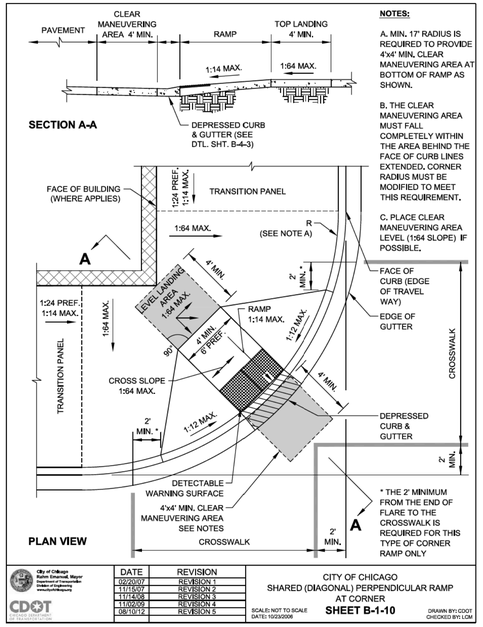
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11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5

CITY OF CHICAGO
BLENDED TRANSITION AT CORNER
WITH SINGLE CROSSING
SCALE: NOT TO SCALE
DATE: 10/23/2006
SHEET B-1-8
DRAWN BY: CDOT
CHECKED BY: LOM



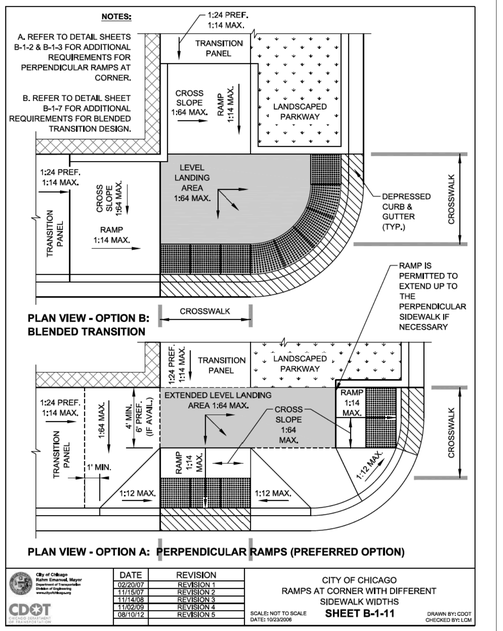
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11/02/09	REVISION 4
08/10/12	REVISION 5

CITY OF CHICAGO
FLUSH TRANSITION AT CORNER
SCALE: NOT TO SCALE
DATE: 10/23/2006
SHEET B-1-9
DRAWN BY: CDOT
CHECKED BY: LOM



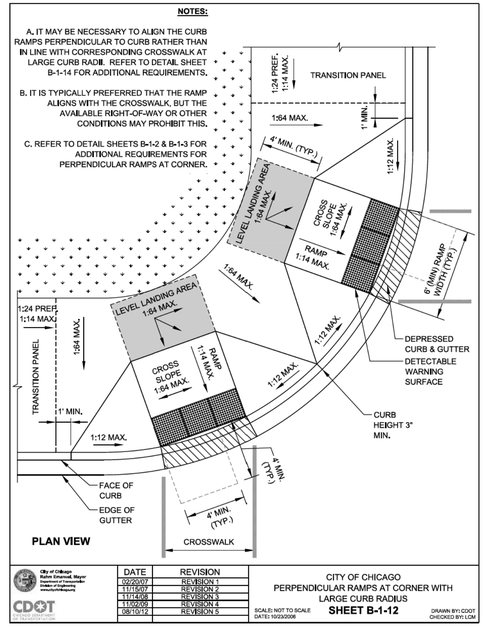
DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5

CITY OF CHICAGO
SHARED (DIAGONAL) PERPENDICULAR RAMP AT CORNER
SCALE: NOT TO SCALE
DATE: 10/23/2006
SHEET B-1-10
DRAWN BY: CDOT
CHECKED BY: LOM



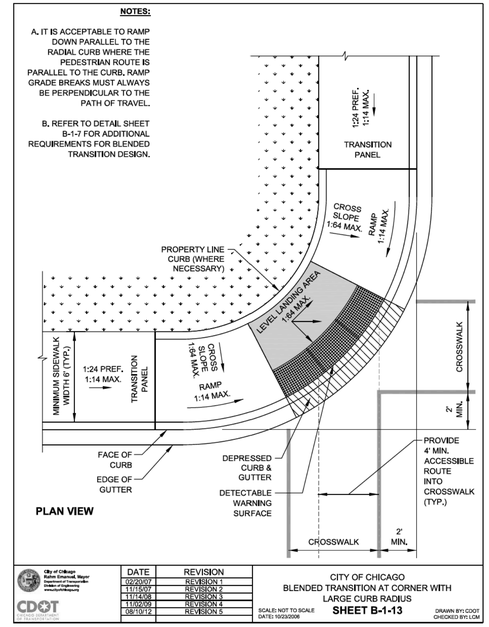
DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5

CITY OF CHICAGO
RAMPS AT CORNER WITH DIFFERENT SIDEWALK WIDTHS
SCALE: NOT TO SCALE
DATE: 10/23/2006
SHEET B-1-11
DRAWN BY: CDOT
CHECKED BY: LOM



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

CITY OF CHICAGO
PERPENDICULAR RAMPS AT CORNER WITH LARGE CURB RADIUS
SCALE: NOT TO SCALE
DATE: 10/23/2006
SHEET B-1-12
DRAWN BY: CDOT
CHECKED BY: LOM



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

CITY OF CHICAGO
BLENDED TRANSITION AT CORNER WITH LARGE CURB RADIUS
SCALE: NOT TO SCALE
DATE: 10/23/2006
SHEET B-1-13
DRAWN BY: CDOT
CHECKED BY: LOM

CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

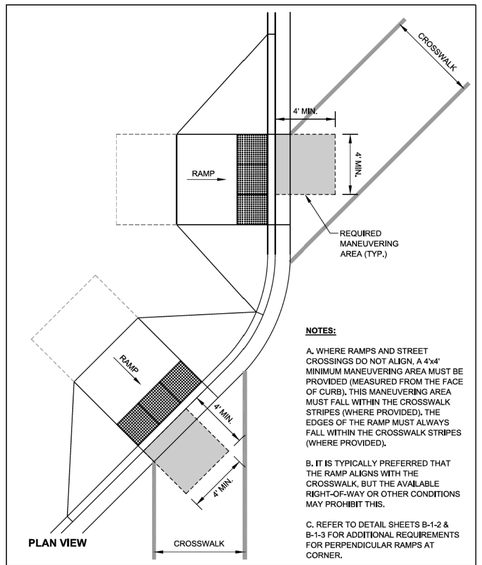
ADA RAMP DETAILS

CITY OF CHICAGO
ADA STANDARDS

SCALE: N.T.S.

SHEET NO. 82

DATE: 01/12/18



NOTES:

A. WHERE RAMPS AND STREET CROSSINGS DO NOT ALIGN, A 4'x4' MINIMUM MANEUVERING AREA MUST BE PROVIDED (MEASURED FROM THE FACE OF CURB), THIS MANEUVERING AREA MUST FALL WITHIN THE CROSSWALK STRIPES (WHERE PROVIDED). THE EDGES OF THE RAMP MUST ALWAYS FALL WITHIN THE CROSSWALK STRIPES (WHERE PROVIDED).

B. IT IS TYPICALLY PREFERRED THAT THE RAMP ALIGNS WITH THE CROSSWALK, BUT THE AVAILABLE RIGHT-OF-WAY OR OTHER CONDITIONS MAY PROHIBIT THIS.

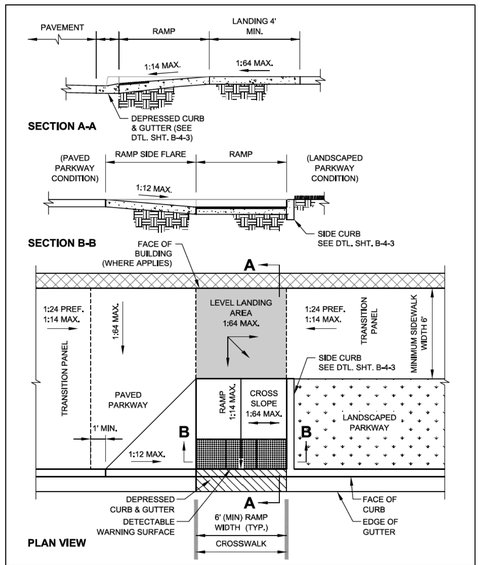
C. REFER TO DETAIL SHEETS B-1-2 & B-1-3 FOR ADDITIONAL REQUIREMENTS FOR PERPENDICULAR RAMPS AT CORNER.

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

CITY OF CHICAGO
RAMPS THAT DO NOT ALIGN WITH CROSSWALK
SHEET B-1-14

SCALE: NOT TO SCALE
DATE: 10/23/2006

DRAWN BY: CDOT
CHECKED BY: LOM

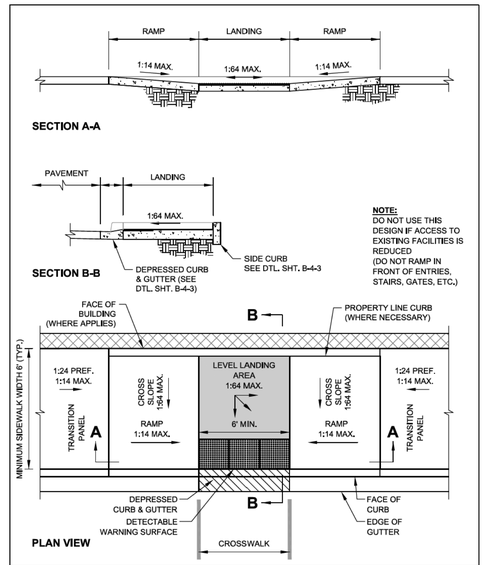


DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5

CITY OF CHICAGO
PERPENDICULAR RAMP AT MID-BLOCK LOCATION
SHEET B-1-15

SCALE: NOT TO SCALE
DATE: 10/23/2006

DRAWN BY: CDOT
CHECKED BY: LOM

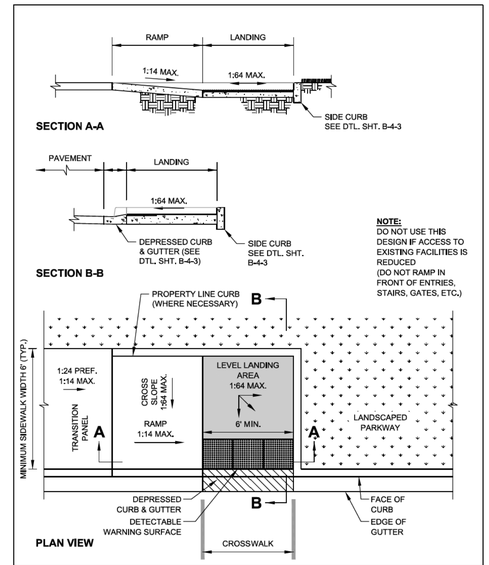


DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5

CITY OF CHICAGO
PARALLEL RAMP AT MID-BLOCK LOCATION
SHEET B-1-16

SCALE: NOT TO SCALE
DATE: 10/23/2006

DRAWN BY: CDOT
CHECKED BY: LOM

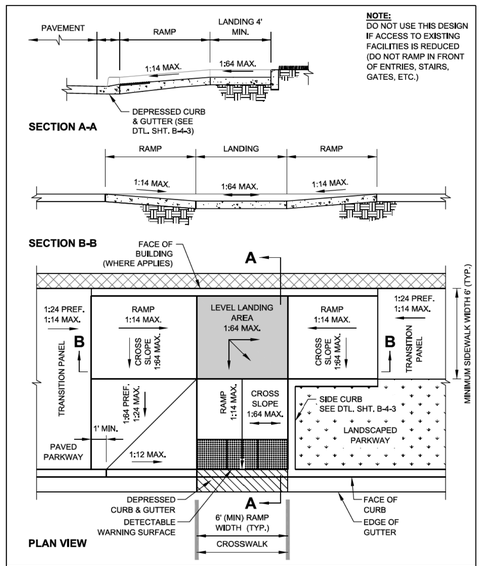


DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5

CITY OF CHICAGO
PARALLEL RAMP (ONE DIRECTION) AT MID-BLOCK LOCATION
SHEET B-1-17

SCALE: NOT TO SCALE
DATE: 10/23/2006

DRAWN BY: CDOT
CHECKED BY: LOM



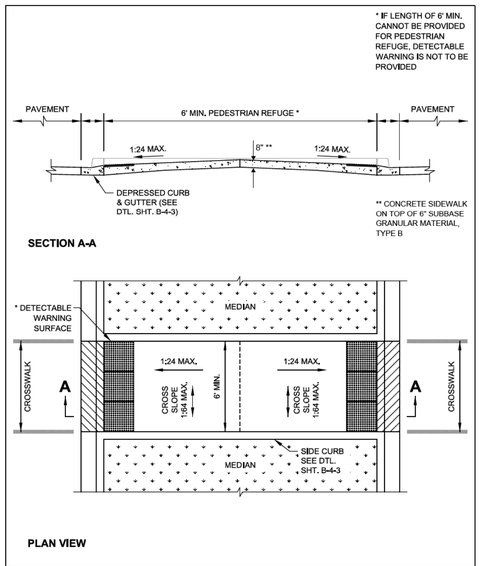
NOTE:
DO NOT USE THIS DESIGN IF ACCESS TO EXISTING FACILITIES IS REDUCED (DO NOT RAMP IN FRONT OF ENTRIES, STAIRS, GATES, ETC.)

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

CITY OF CHICAGO
COMBINATION RAMP (PARALLEL AND PERPENDICULAR RAMPS) AT MID-BLOCK LOCATION
SHEET B-1-18

SCALE: NOT TO SCALE
DATE: 10/23/2006

DRAWN BY: CDOT
CHECKED BY: LOM

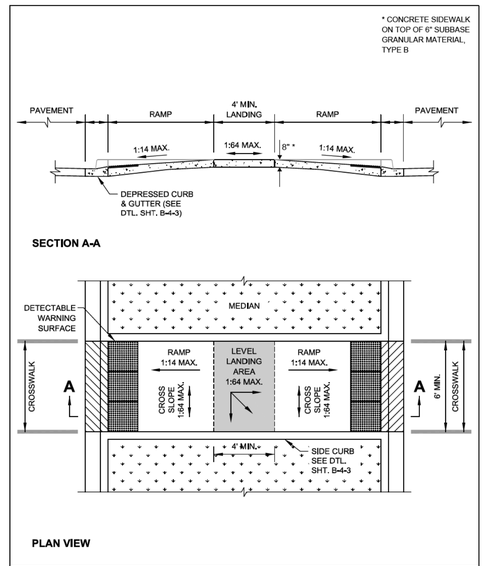


DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5
01/01/14	REVISION 6

CITY OF CHICAGO
MEDIAN PASS-THROUGH
SHEET B-1-19

SCALE: NOT TO SCALE
DATE: 10/23/2006

DRAWN BY: CDOT
CHECKED BY: GK

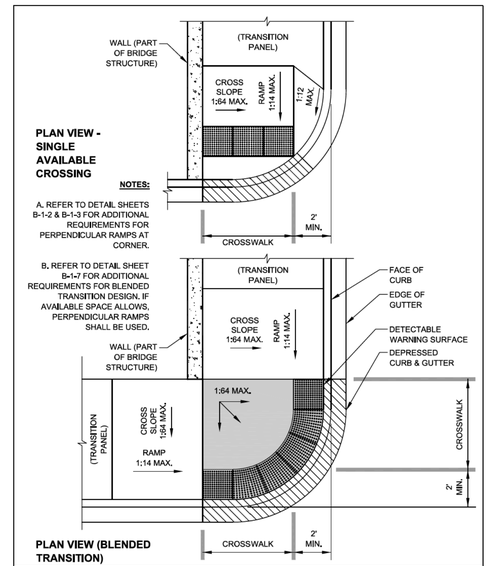


DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5
01/01/14	REVISION 6

CITY OF CHICAGO
MEDIAN PASS-THROUGH WITH RAMPS
SHEET B-1-20

SCALE: NOT TO SCALE
DATE: 10/23/2006

DRAWN BY: CDOT
CHECKED BY: GK



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

CITY OF CHICAGO
ON-GRADE RAMP AT BRIDGE OR OVERPASS
SHEET B-1-21

SCALE: NOT TO SCALE
DATE: 10/23/2006

DRAWN BY: CDOT
CHECKED BY: LOM

CHICAGO DEPARTMENT OF TRANSPORTATION

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.
83

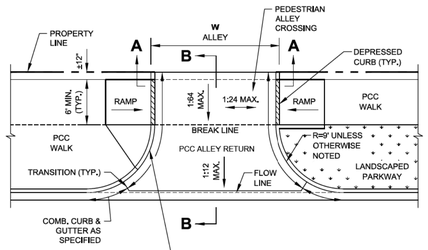
DATE: 01/12/18

NOTES:

A. DETECTABLE WARNING IS NOT REQUIRED AT ALLEY RETURNS.

B. RAMP DETAILS ARE DEPENDENT UPON SITE SPECIFIC CONDITIONS (WHERE RAMPS 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).



TYP. ALLEY RAMP WITH FULL WALK

TYP. ALLEY ADJACENT TO LANDSCAPED PARKWAY

PLAN VIEW

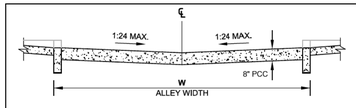
NOTE: WORK THIS SHEET WITH SHEET B-2-2.

DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5
01/01/14	REVISION 6

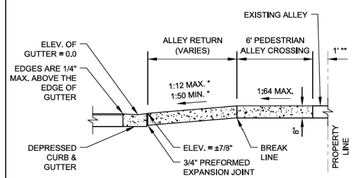
CITY OF CHICAGO
ALLEY RETURN PLAN VIEW
SHEET B-2-1

SCALE: NOT TO SCALE
DATE: 10/23/2006

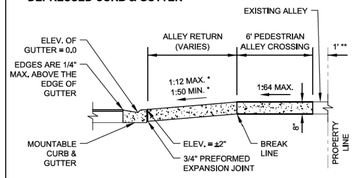
DRAWN BY: CDOT
CHECKED BY: DH



SECTION A-A: CROSS SECTION AT PROPERTY LINE



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



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

NOTE: WORK THIS SHEET WITH SHEET B-2-1.

ALLEY RETURN NOTES:

A. WHEN A PORTION OF AN EXISTING PAVED ALLEY IS REMOVED TO ADJUST THE ALLEY PAVEMENT TO THE NEW GRADE, 3/4" PREFORMED EXPANSION JOINT MATERIAL SHALL BE PLACED ON THE PROPERTY LINE OTHERWISE THE JOINT IS OMITTED. THE COST OF FURNISHING AND PLACING THE 3/4" PREFORMED EXPANSION JOINT MATERIAL SHALL BE INCLUDED IN THE COST OF THE PORTLAND CEMENT CONCRETE ALLEY RETURN.

B. SAWED JOINTS SHALL BE SEALED WITH A POURED MATERIAL MEETING THE REQUIREMENTS OF SECTION 1050 OF THE SSRBC.

* SLOPE VARIES AND IS NOT GOVERNED BY ADA

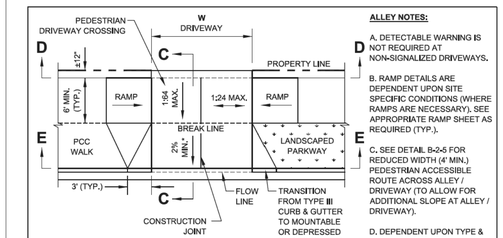
** THE SLOPE OF THE ALLEY IN THE 1' SPACE ADJACENT TO THE PROPERTY LINE MAY BE ALTERED UP TO 10% TO MEET EXISTING CONDITIONS

DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5
01/01/14	REVISION 6

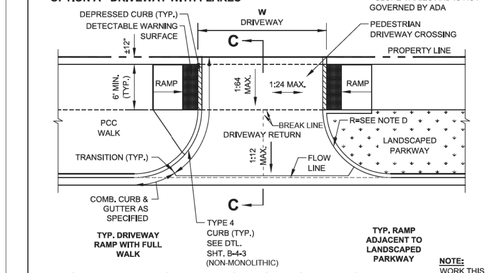
CITY OF CHICAGO
ALLEY RETURN SECTIONS
SHEET B-2-2

SCALE: NOT TO SCALE
DATE: 10/23/2006

DRAWN BY: CDOT
CHECKED BY: DH



OPTION A - DRIVEWAY WITH FLARES



TYP. DRIVEWAY RAMP WITH FULL WALK

TYP. RAMP ADJACENT TO LANDSCAPED PARKWAY

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

NOTE: WORK THIS SHEET WITH SHEET B-2-4.

ALLEY NOTES:

A. DETECTABLE WARNING IS NOT REQUIRED AT NON-SIGNALIZED DRIVEWAYS.

B. RAMP DETAILS ARE DEPENDENT UPON SITE SPECIFIC CONDITIONS (WHERE RAMPS 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).

D. DEPENDENT UPON TYPE & VOLUME OF TRAFFIC.

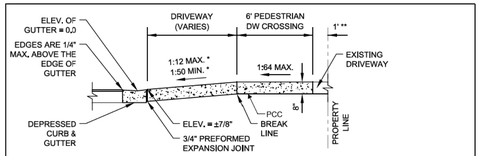
* SLOPE VARIES AND IS NOT GOVERNED BY ADA

DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5
01/01/16	REVISION 6

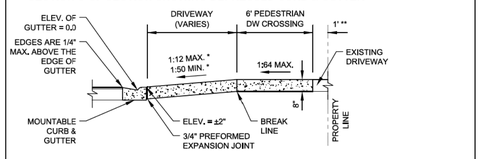
CITY OF CHICAGO
DRIVEWAY CONSTRUCTION PLAN VIEWS
SHEET B-2-3

SCALE: NOT TO SCALE
DATE: 10/23/2006

DRAWN BY: CDOT
CHECKED BY: LOM



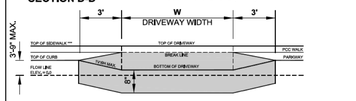
SECTION C-C: SECTION SHOWING DEPRESSED CURB & GUTTER



SECTION C-C: SECTION SHOWING MOUNTABLE CURB & GUTTER



SECTION D-D



SECTION E-E

* SLOPE VARIES AND IS NOT GOVERNED BY ADA

** THE SLOPE OF THE ALLEY IN THE 1' SPACE ADJACENT TO THE PROPERTY LINE MAY BE ALTERED UP TO 10% TO MEET EXISTING CONDITIONS

*** HEIGHT OF FLARE + WIDTH OF SIDEWALK x 1.56% + WIDTH OF PARKWAY x 1.56% TO 4%

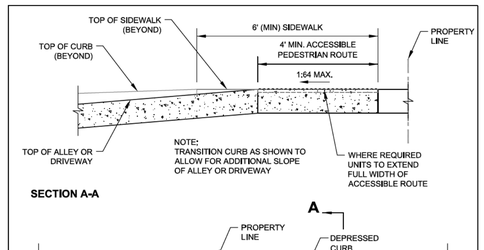
NOTE: WORK THIS SHEET WITH SHEET B-2-3.

DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5
01/01/14	REVISION 6

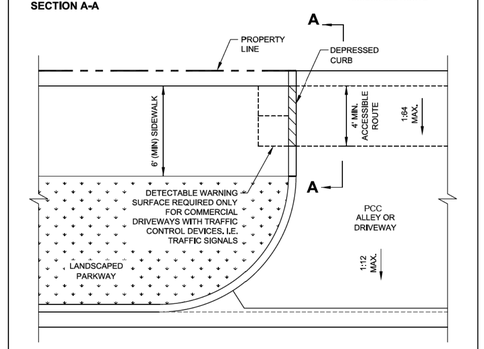
CITY OF CHICAGO
DRIVEWAY CONSTRUCTION SECTIONS
SHEET B-2-4

SCALE: NOT TO SCALE
DATE: 10/23/2006

DRAWN BY: CDOT
CHECKED BY: DH



SECTION A-A



PLAN VIEW

DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5
01/01/14	REVISION 6

CITY OF CHICAGO
ALLEY & DRIVEWAY DETAIL FOR REDUCED WIDTH PEDESTRIAN ACCESS ROUTE
SHEET B-2-5

SCALE: NOT TO SCALE
DATE: 10/23/2006

DRAWN BY: CDOT
CHECKED BY: GH

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

CITY OF CHICAGO
CONVERSION CHARTS
SHEET B-3-1

SCALE: NOT TO SCALE
DATE: 10/23/2006

DRAWN BY: CDOT
CHECKED BY: LOM

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 RAMPS 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 (DEPRESSED 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 MANUFACTURER'S 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 DEPRESSED CURBS, RAMPS, 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 RAMPS 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 RAMPS 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
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5

CITY OF CHICAGO
GENERAL NOTES
SHEET B-3-2

SCALE: NOT TO SCALE
DATE: 10/23/2006

DRAWN BY: CDOT
CHECKED BY: LOM

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 B/V.12 THROUGH THE LIMITS OF THE CORNER AND THE CURB RAMPS.

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 RAMPS, 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, WHICH EVER 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 RAMPS 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. DEPRESSED 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
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5
01/01/14	REVISION 6

CITY OF CHICAGO
GENERAL NOTES (CONTINUED)
SHEET B-3-3

SCALE: NOT TO SCALE
DATE: 10/23/2006

DRAWN BY: CDOT
CHECKED BY: GH

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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 1/4-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
02/20/07	REVISION 1
11/15/07	REVISION 2
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11/02/09	REVISION 4
08/10/12	REVISION 5
01/01/14	REVISION 6

CITY OF CHICAGO
ADA COMPLIANCE AND TRANSITION GUIDELINES
SHEET B-3-4
SCALE: NOT TO SCALE
DATE: 10/23/2006
DRAWN BY: CDOT
CHECKED BY: DK

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:

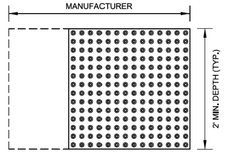
THIS CERTIFIED THAT THESE DRAWINGS HAVE BEEN REVIEWED TO THE BEST OF MY KNOWLEDGE AND THAT I BELIEVE THEY ARE IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA), AND ALL CODES AND BUILDING ORDINANCES OF THE CITY OF CHICAGO, STATE OF ILLINOIS.

LICENSED ARCHITECT / LANDSCAPE ARCHITECT / LICENSED ENGINEER

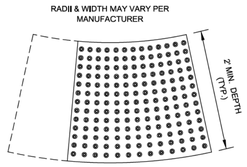
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02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5

CITY OF CHICAGO
SEAL
SHEET B-3-5
SCALE: NOT TO SCALE
DATE: 10/23/2006
DRAWN BY: CDOT
CHECKED BY: LOM

STRAIGHT DETECTABLE WARNING UNITS



RADIAL DETECTABLE WARNING UNITS



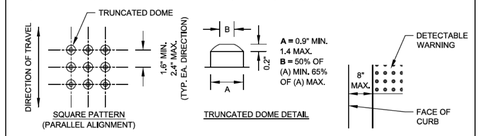
DETECTABLE WARNING UNIT SIZES

- 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).

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

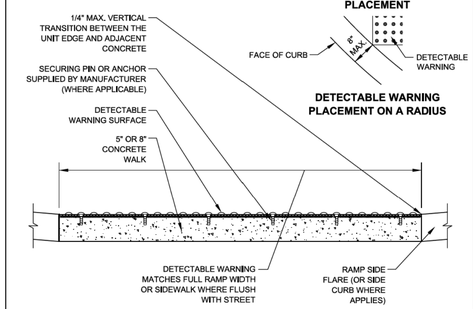
CITY OF CHICAGO
DETECTABLE WARNING UNIT SIZES
SHEET B-4-1
SCALE: NOT TO SCALE
DATE: 10/23/2006
DRAWN BY: CDOT
CHECKED BY: LOM

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

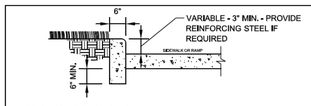
TYPICAL DETECTABLE WARNING PLACEMENT



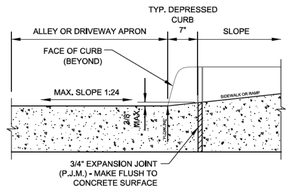
DETECTABLE WARNING UNIT SECTION

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

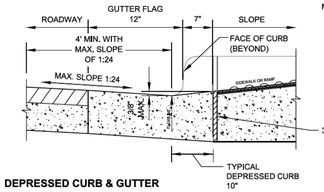
CITY OF CHICAGO
DETECTABLE WARNING UNIT DETAILS
SHEET B-4-2
SCALE: NOT TO SCALE
DATE: 10/23/2006
DRAWN BY: CDOT
CHECKED BY: LOM



SIDE CURB - SECTION



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



DEPRESSED CURB & GUTTER
AT BOTTOM OF TYPICAL CURB RAMP

NOTES FOR CURB & GUTTER DETAILS THIS SHEET:

A. CROSS SLOPE AT DEPRESSED CURB & GUTTER NOT TO EXCEED 1:64.

B. DETECTABLE WARNING SURFACE AT DRIVEWAYS REQUIRED ONLY FOR COMMERCIAL DRIVEWAYS WITH TRAFFIC CONTROL DEVICES, I.E. SIGNALS.

C. REFER TO *REGULATIONS FOR OPENINGS, CONSTRUCTION AND REPAIR IN THE PUBLIC WAY (CDOT)* FOR ADDITIONAL REQUIREMENTS FOR CURB AND GUTTER INSTALLATION.

D. 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.

E. 'P.J.M.' THIS SHEET REFERS TO PREFORMED JOINT MATERIAL.

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

CITY OF CHICAGO
CURB & GUTTER DETAILS
SHEET B-4-3
SCALE: NOT TO SCALE
DATE: 10/23/2006
DRAWN BY: CDOT
CHECKED BY: LOM

CHICAGO DEPARTMENT OF TRANSPORTATION

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

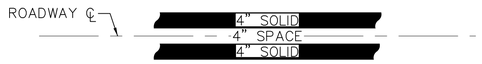
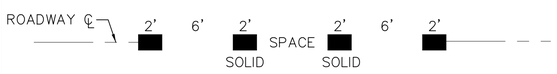
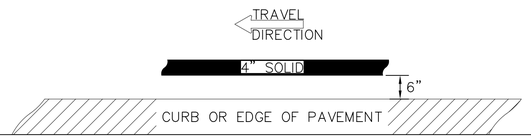
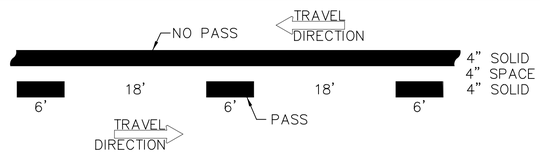
SCALE: N.T.S.

SHEET NO.
85

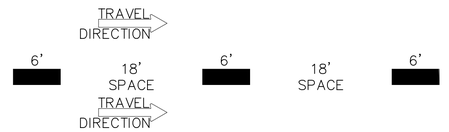
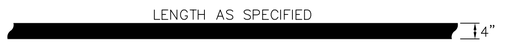
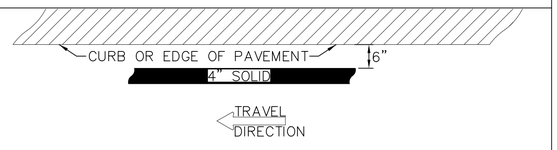
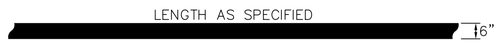
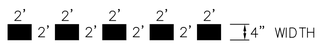
DATE:01/12/18

PAVEMENT MARKINGS - PATTERNS & WIDTHS

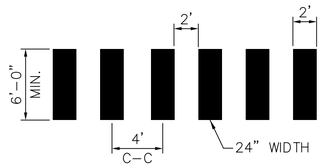
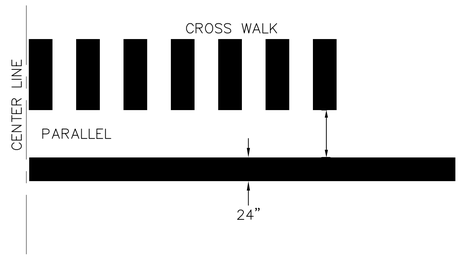
LONGITUDINAL LINES - YELLOW

TYPE LINE	PATTERNS & WIDTHS
DOUBLE CENTER LINE	
SKIP-DASH CENTER LINE	
DOTTED CENTER LINE	
EDGE LINE	
NO PASSING ZONE ONE DIRECTION	

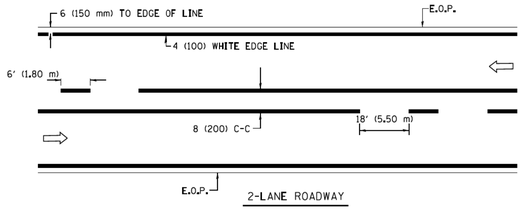
LONGITUDINAL LINES - WHITE

TYPE LINE	PATTERNS & WIDTHS
SKIP-DASH LANE LINE	
SOLID LANE LINE	
DOTTED PATH GUIDE LINE	
EDGE LINE	
TURN BAY LINE (RIGHT OR LEFT)	
CONTINUITY LANE THRU INTERSECTION	

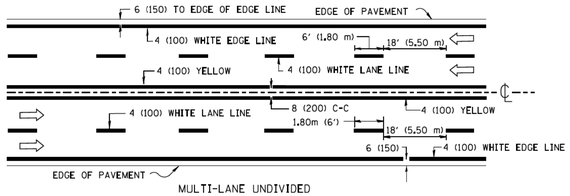
TRAVERSE LINES - WHITE

TYPE LINE	
INTERNATIONAL	
STOP BAR	

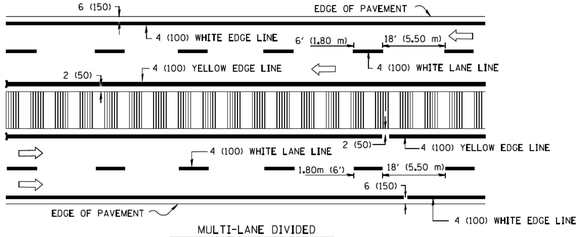
CDOT CHICAGO DEPARTMENT OF TRANSPORTATION	REVISIONS NO. / BY / DATE / DESCRIPTION	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF ENGINEERING	2018 ARTERIAL STREET RESURFACING NORTH AREA B-4-152	PAVEMENT MARKING DETAILS	SHEET NO. 86
			STANDARD DETAILS	SCALE: N.T.S.	DATE:01/12/18



2-LANE ROADWAY



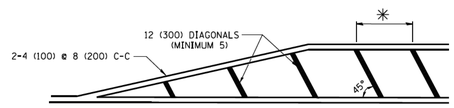
MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED
WITH MOUNTABLE MEDIAN

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

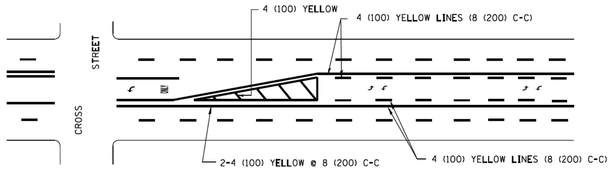
TYPICAL LANE AND EDGE LINE MARKING



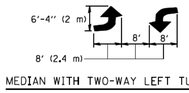
* FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

PAINTED MEDIANS

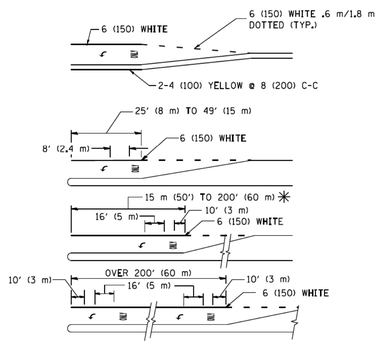


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

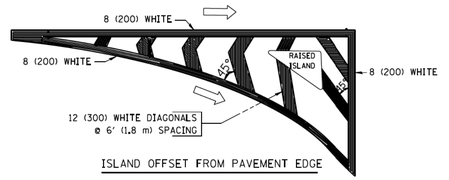


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
↰ AREA = 15.8 SQ. FT. (1.47 m^2) ONLY AREA = 22.9 SQ. FT. (2.13 m^2)

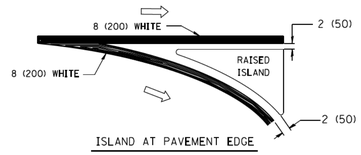
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



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 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.
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^2) EACH "X"=54.0 SQ. FT. (5.0 m^2)

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.

CDOT
CHICAGO DEPARTMENT OF TRANSPORTATION

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

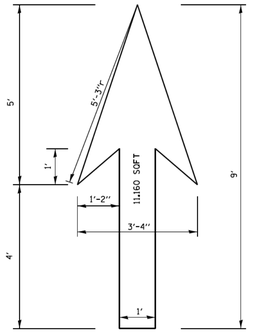
PAVEMENT MARKING DETAILS

SCALE: N.T.S.

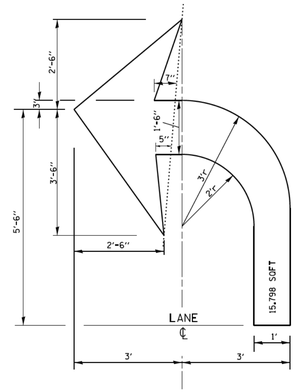
SHEET NO. 87

DATE:01/12/18

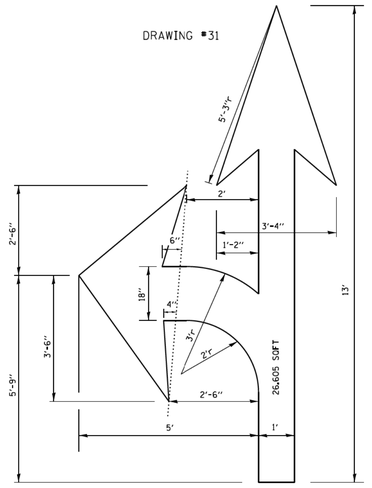
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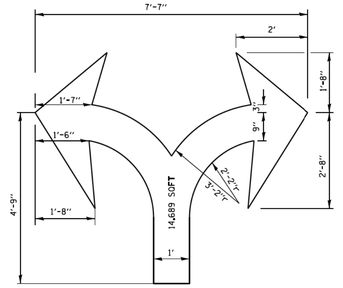
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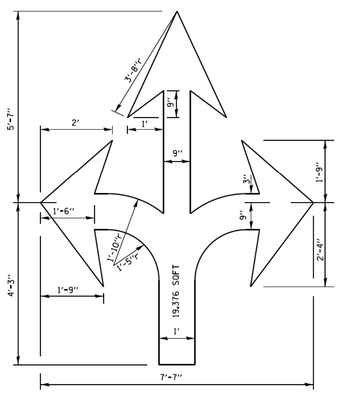
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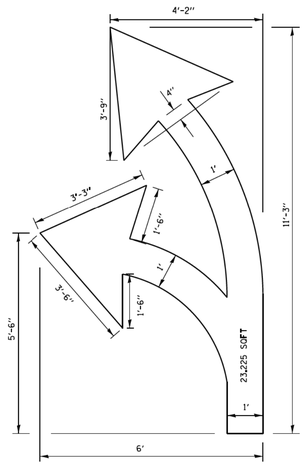
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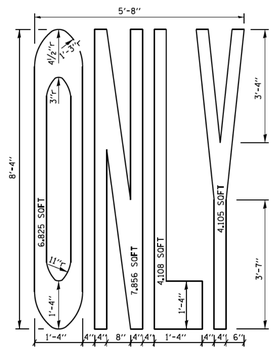
DRAWING #33



DRAWING #34



DRAWING #35



NOTE:
ALL MARKINGS SHALL BE SOLID WHITE UNLESS OTHERWISE NOTED IN THE PLANS

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CDOT
CHICAGO DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

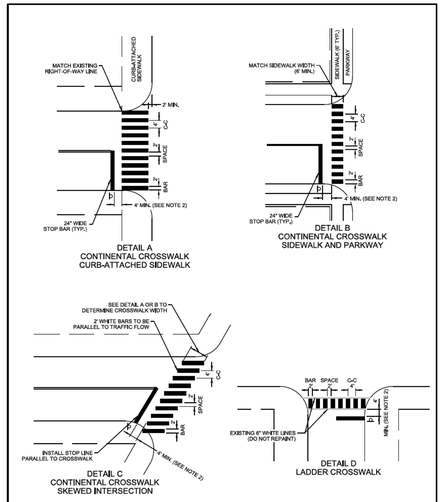
STANDARD DETAILS

PAVEMENT MARKING DETAILS

SCALE: N.T.S.

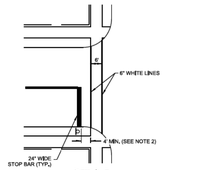
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DATE: 01/12/18



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CDOT CHICAGO DEPARTMENT OF TRANSPORTATION	DATE	REVISION	CITY OF CHICAGO
	1/1/2014	REVISION 1	CROSSWALK MARKING DETAIL
			DATE: 06/25/12 · SHEET: A-7-1A · DRAWN BY: CDOT

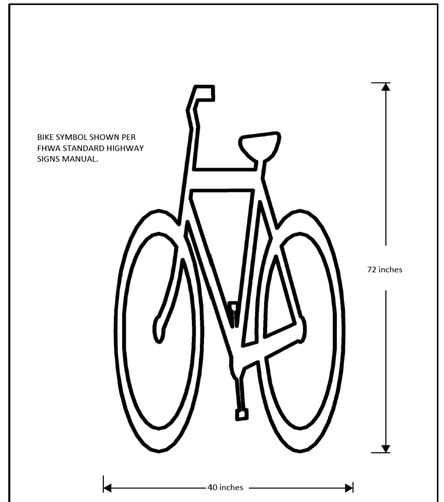


GENERAL NOTES:

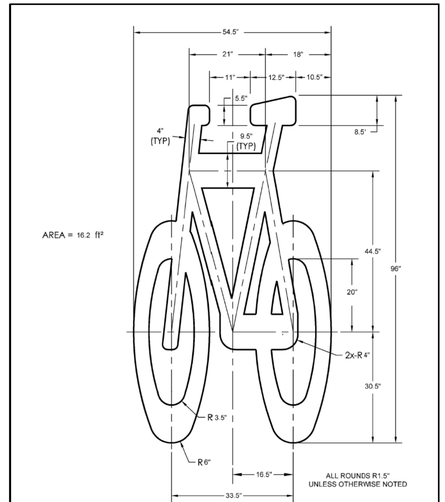
1. DO NOT INSTALL NEW CROSSWALKS ACROSS ARTERIAL OR COLLECTOR STREETS WITHOUT COORDINATING WITH CDOT TRAFFIC ENGINEERS.
2. STOP LINE SHOULD BE PLACED A MINIMUM OF 4' IN ADVANCE OF A CROSSWALK, AT THE ENGINEER'S DISCRETION. THE STOP BAR MAY BE MORE THAN 4' FROM THE CROSSWALK TO AVOID ENCROACHMENT BY TURNING VEHICLES.
3. ALL RESTORATION OF DECORATIVE CROSSWALK PAVEMENT SHALL BE COORDINATED WITH CDOT PROJECT DEVELOPMENT
4. STRIPING SHOULD BE PLACED TO AVOID WHEEL PATHS FOR LONGEVITY.

PAGE 2 OF 2

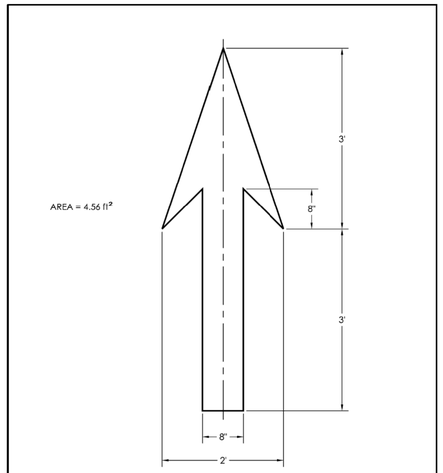
CDOT CHICAGO DEPARTMENT OF TRANSPORTATION	DATE	REVISION	CITY OF CHICAGO
	1/1/2014	REVISION 1	CROSSWALK MARKING DETAIL
			DATE: 06/25/12 · SHEET: A-7-1B · DRAWN BY: CDOT



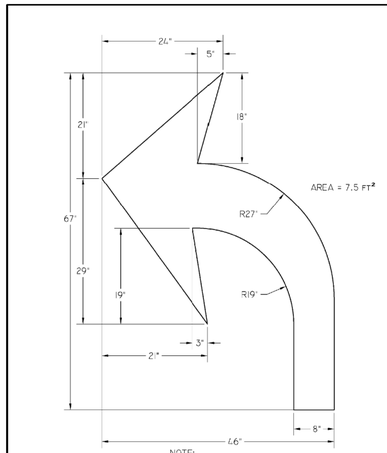
CDOT CHICAGO DEPARTMENT OF TRANSPORTATION	DATE	REVISION	CITY OF CHICAGO
	1/1/2014	REVISION 1	6' BIKE SYMBOL
			DATE: 06/25/12 · SHEET: A-7-2 · DRAWN BY: CDOT



CDOT CHICAGO DEPARTMENT OF TRANSPORTATION	DATE	REVISION	CITY OF CHICAGO
	1/1/2014	REVISION 1	8' BIKE SYMBOL
			DATE: 06/25/12 · SHEET: A-7-3 · DRAWN BY: CDOT

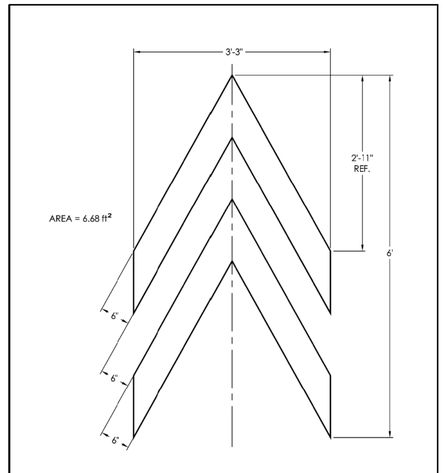


CDOT CHICAGO DEPARTMENT OF TRANSPORTATION	DATE	REVISION	CITY OF CHICAGO
	1/1/2014	REVISION 1	BIKE ARROW
			DATE: 06/25/12 · SHEET: A-7-4 · DRAWN BY: CDOT

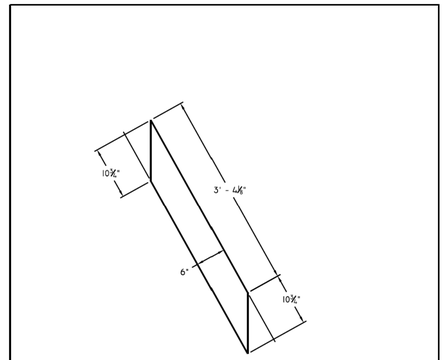


NOTE:
THIS SPECIFICATION REPRESENTS THE BIKE LEFT TURN ARROW. FOR A BIKE RIGHT TURN ARROW, USE A MIRROR IMAGE.

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION	DATE	REVISION	CITY OF CHICAGO
	1/1/2014	REVISION 1	BIKE TURN ARROW
			DATE: 06/25/12 · SHEET: A-7-5 · DRAWN BY: CDOT



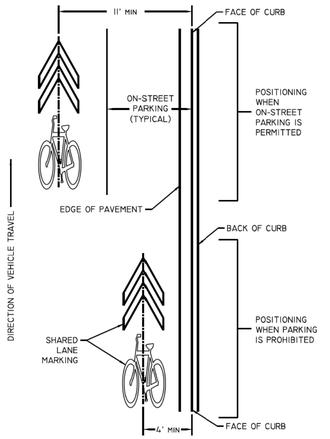
CDOT CHICAGO DEPARTMENT OF TRANSPORTATION	DATE	REVISION	CITY OF CHICAGO
	1/1/2014	REVISION 1	BIKE CHEVRON
			DATE: 06/25/12 · SHEET: A-7-6 · DRAWN BY: CDOT



NOTE:
1. THESE DIMENSIONS SHOULD BE CONSIDERED AN APPROXIMATION, TO BE USED WHEN THE CHEVRON IS CUT, IN THE FIELD, FROM 6" PREFORMED THERMOPLASTIC MARKING.
2. THIS DRAWING REPRESENTS THE RIGHT LEG OF THE CHEVRON. MIRROR THIS DRAWING FOR THE CHEVRON'S LEFT LEG.

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION	DATE	REVISION	CITY OF CHICAGO
	1/1/2014	REVISION 1	SHARED LANE MARKING CHEVRON RIGHT LEG DETAIL
			DATE: 10/24/05 · SHEET: A-7-7 · DRAWN BY: CDOT

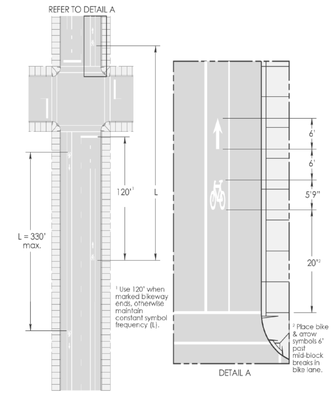
CDOT CHICAGO DEPARTMENT OF TRANSPORTATION	REVISIONS				CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF ENGINEERING	2018 ARTERIAL STREET RESURFACING NORTH AREA B-4-152	PAVEMENT MARKING DETAILS	SHEET NO. 89
	NO.	BY	DATE	DESCRIPTION		STANDARD DETAILS	SCALE: N.T.S.	DATE: 01/12/18



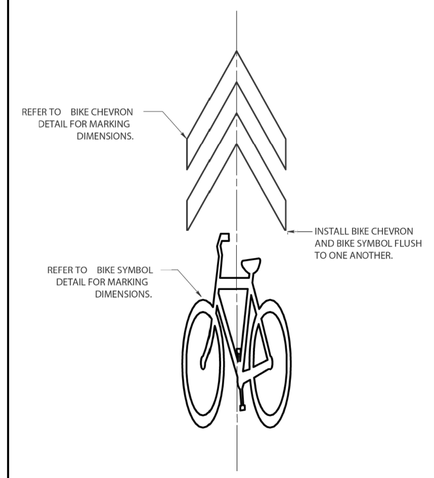
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			DATE: 09/15/05 · SHEET: A-7-8 · DRAWN BY: CDOT



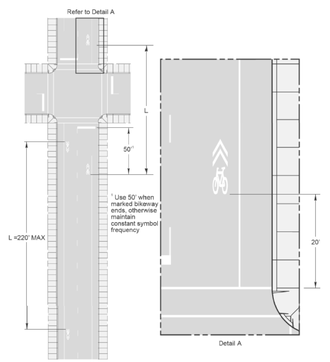
CDOT CHICAGO DEPARTMENT OF TRANSPORTATION	DATE	REVISION	CITY OF CHICAGO
			SHARED LANE YIELD TO BIKES SIGN
			DATE: 1/1/14 · SHEET: A-7-9 · DRAWN BY: CDOT



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

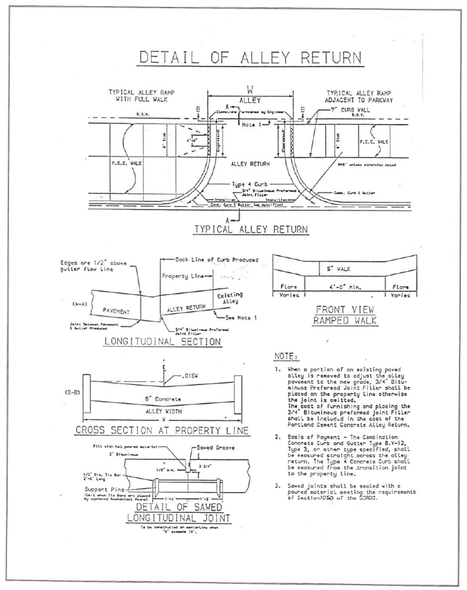


CDOT CHICAGO DEPARTMENT OF TRANSPORTATION	DATE	REVISION	CITY OF CHICAGO
	1/1/2014	REVISION 1	SHARED LANE MARKING
			DATE: 10/02/07 · SHEET: A-7-11 · DRAWN BY: CDOT

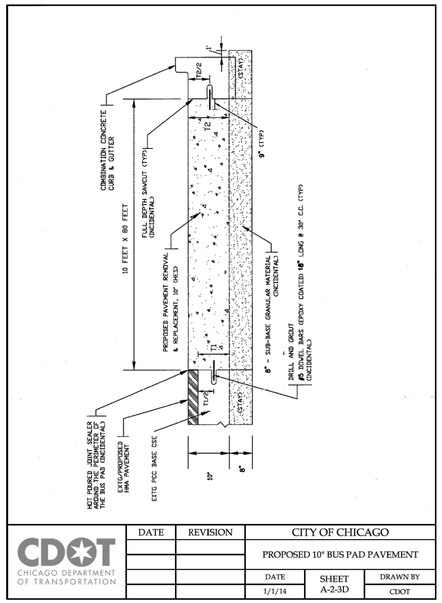


CDOT CHICAGO DEPARTMENT OF TRANSPORTATION	DATE	REVISION	CITY OF CHICAGO
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			DATE: 12/12/07 · SHEET: A-7-12 · DRAWN BY: CDOT

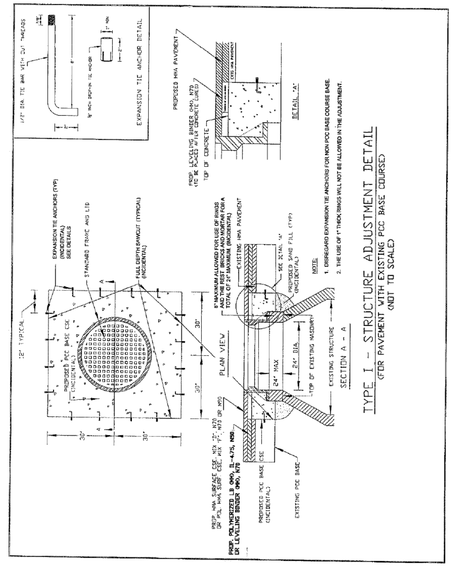
CDOT CHICAGO DEPARTMENT OF TRANSPORTATION	REVISIONS NO.	BY	DATE	DESCRIPTION	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF ENGINEERING	2018 ARTERIAL STREET RESURFACING NORTH AREA B-4-152	PAVEMENT MARKING DETAILS	SHEET NO. 90
						STANDARD DETAILS	SCALE: N.T.S.	DATE:01/12/18



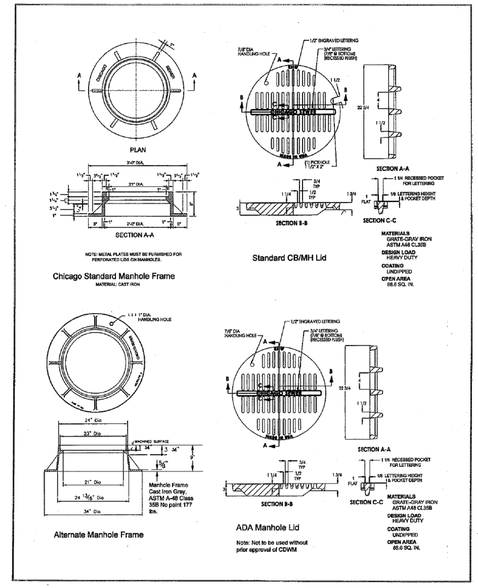
STANDARD DETAILS (TERM) Page 20 of 68



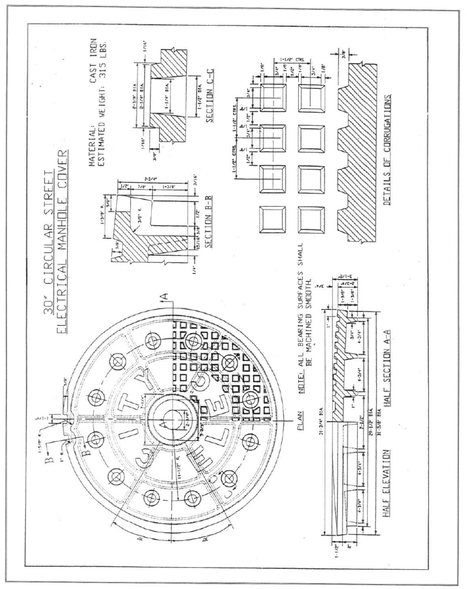
STANDARD DETAILS (TERM) Page 21 of 68



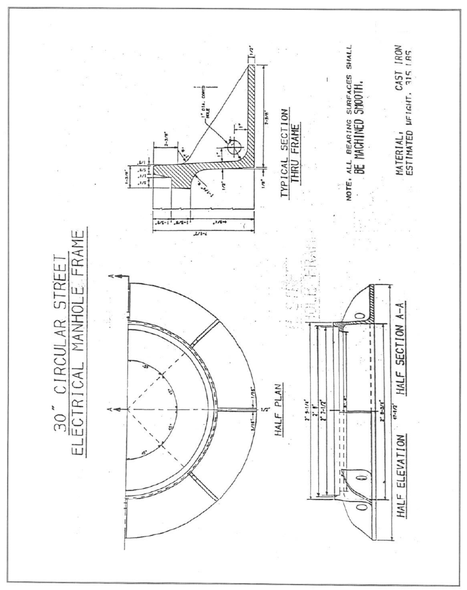
STANDARD DETAILS (TERM) Page 22 of 68



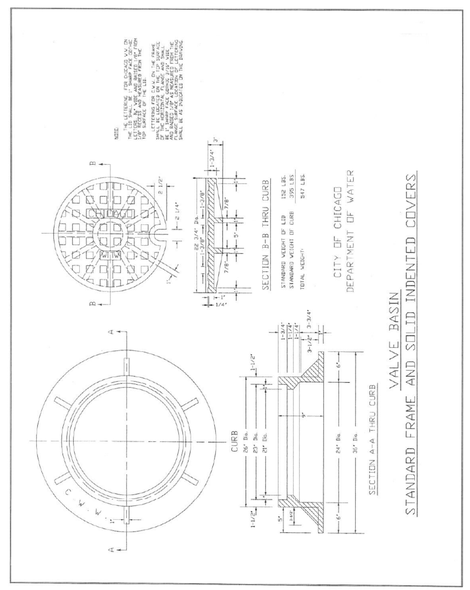
STANDARD DETAILS (TERM) Page 23 of 68



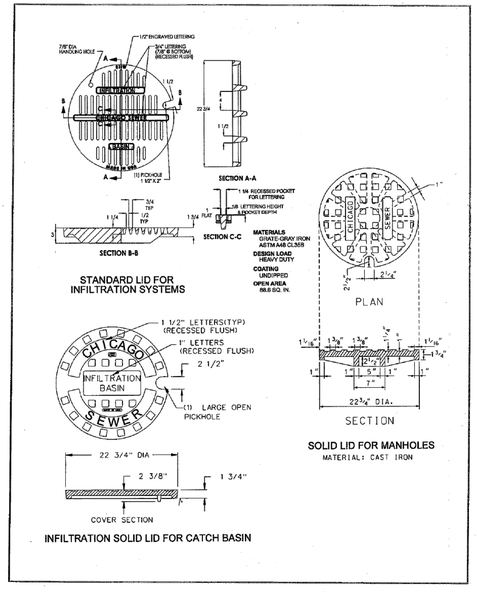
STANDARD DETAILS (TERM) Page 26 of 68



STANDARD DETAILS (TERM) Page 25 of 68

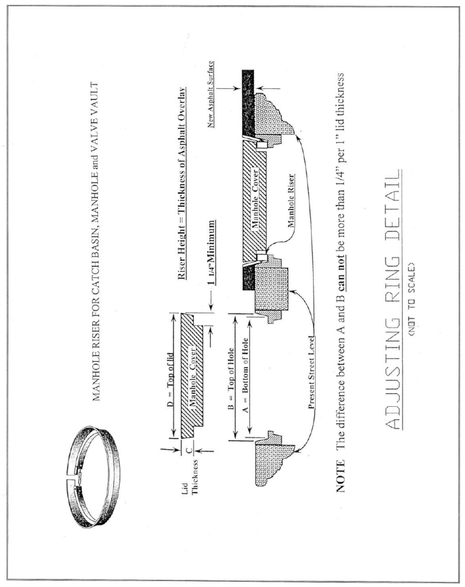


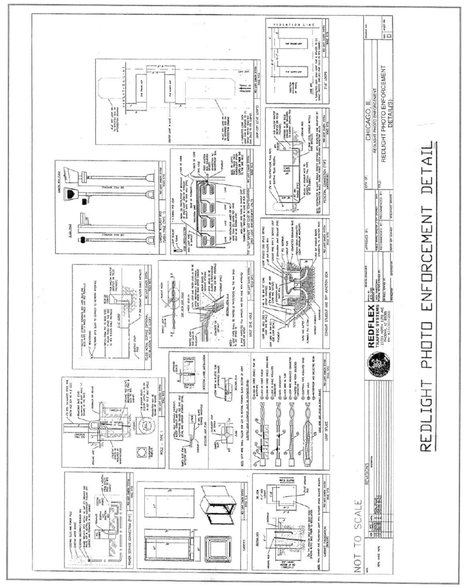
STANDARD DETAILS (TERM) Page 24 of 68

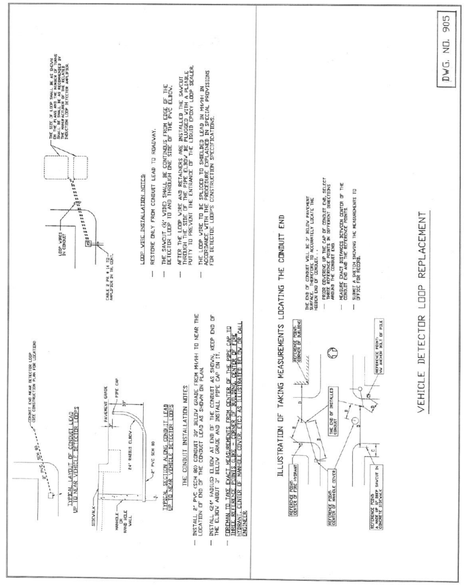


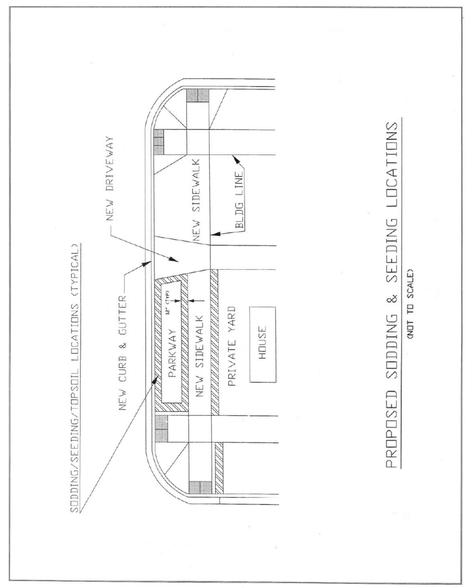
STANDARD DETAILS (TERM) Page 23 of 68

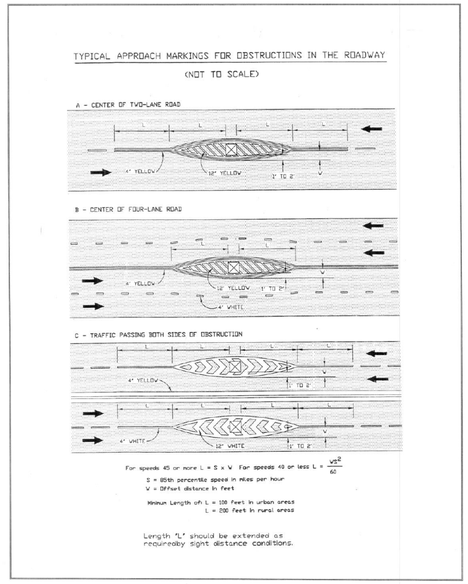
CDOT CHICAGO DEPARTMENT OF TRANSPORTATION	REVISIONS NO.	BY	DATE	DESCRIPTION	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF ENGINEERING	2018 ARTERIAL STREET RESURFACING NORTH AREA B-4-152	CITY OF CHICAGO TYPICAL DETAILS	SHEET NO. 91
						STANDARD DETAILS	SCALE: N.T.S.	DATE:01/12/18

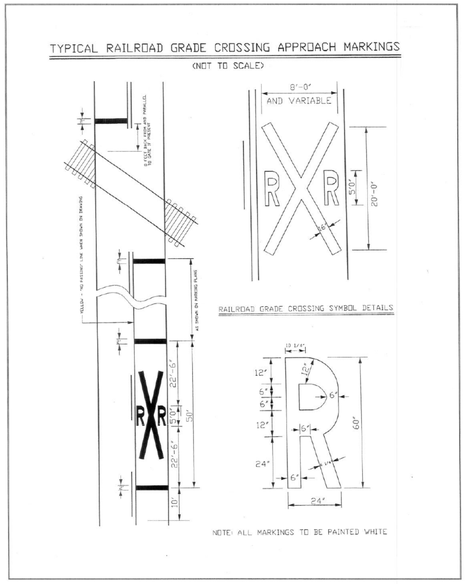


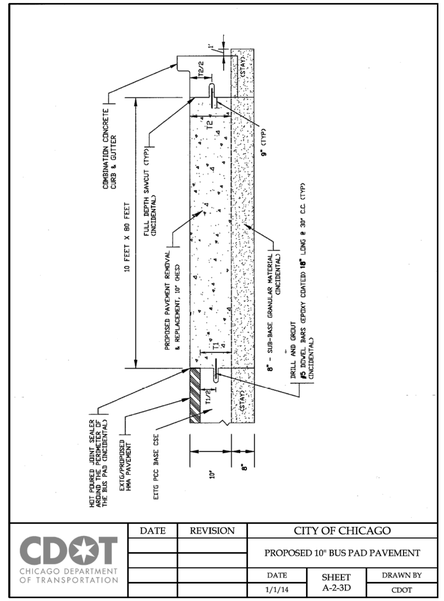


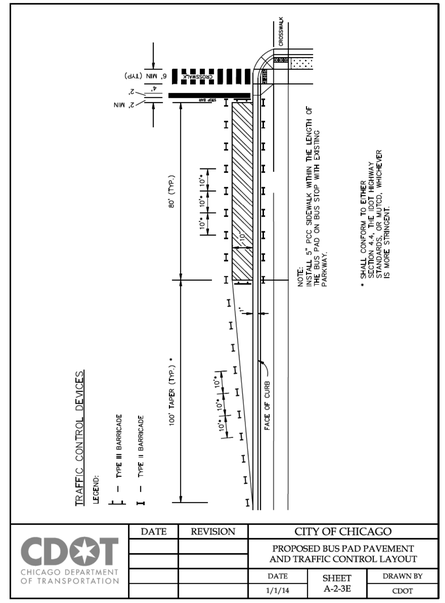




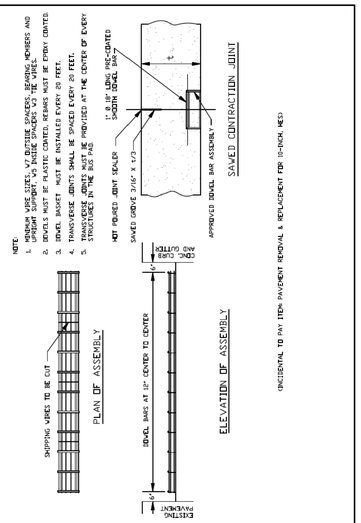




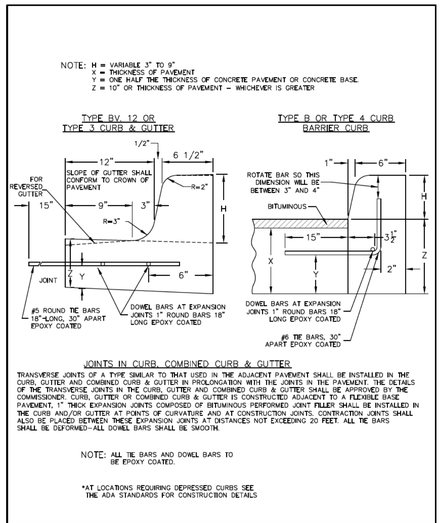




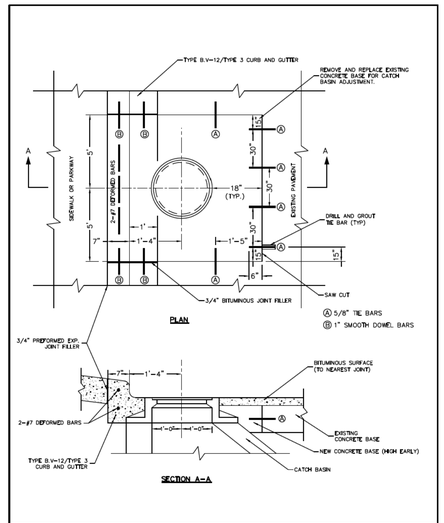
CDOT CHICAGO DEPARTMENT OF TRANSPORTATION	REVISIONS NO.	BY	DATE	DESCRIPTION	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF ENGINEERING	2018 ARTERIAL STREET RESURFACING NORTH AREA B-4-152	CITY OF CHICAGO TYPICAL DETAILS	SHEET NO. 92
						STANDARD DETAILS	SCALE: N.T.S.	DATE:01/12/18



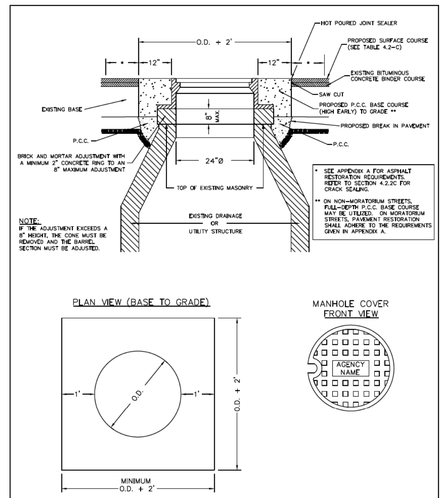
CDOT CHICAGO DEPARTMENT OF TRANSPORTATION	DATE	REVISION	CITY OF CHICAGO
			CONTRACTION JOINT ASSEMBLY FOR BUS PAD
		DATE	SHEET	DRAWN BY
		1/1/14	A-2-3F	CDOT



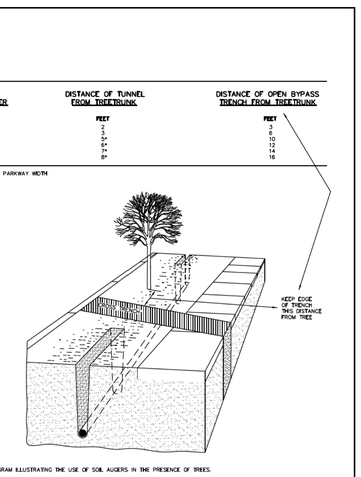
CDOT CHICAGO DEPARTMENT OF TRANSPORTATION	DATE	REVISION	CITY OF CHICAGO
	1/1/2014	REVISION 1	CONCRETE CURB & GUTTER DETAIL
		DATE	SHEET	DRAWN BY
		12/12/06	A-2-6	CDOT



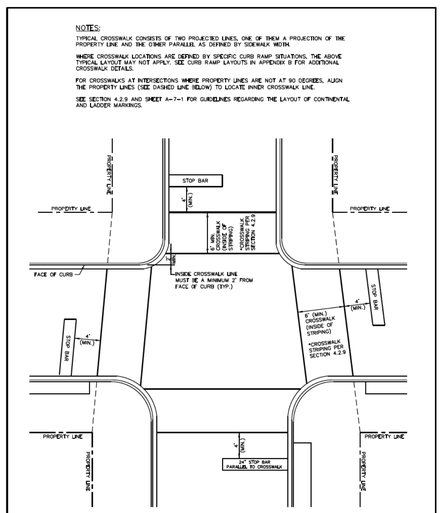
CDOT CHICAGO DEPARTMENT OF TRANSPORTATION	DATE	REVISION	CITY OF CHICAGO
	1/1/2014	REVISION 1	CATCH BASIN ADJUSTMENT IN EXISTING PAVEMENT
		DATE	SHEET	DRAWN BY
		12/22/06	A-2-11	CDOT



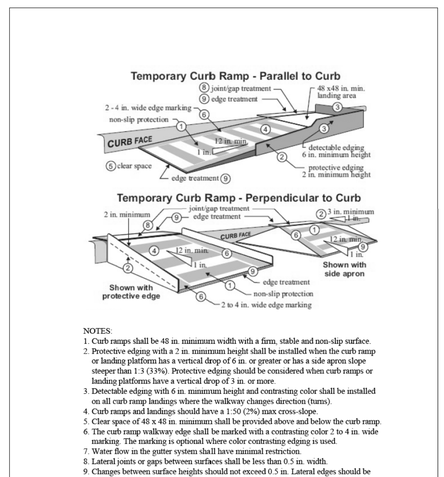
CDOT CHICAGO DEPARTMENT OF TRANSPORTATION	DATE	REVISION	CITY OF CHICAGO
	1/1/2014	REVISION 1	FRAME ADJUSTMENT IN PAVEMENT
		DATE	SHEET	DRAWN BY
		12/22/06	A-2-12	CDOT



CDOT CHICAGO DEPARTMENT OF TRANSPORTATION	DATE	REVISION	CITY OF CHICAGO
	1/1/2014	REVISION 1	TRENCH GUIDELINES FOR INSTALLATION OF UNDERGROUND UTILITIES ADJACENT TO TREES
		DATE	SHEET	DRAWN BY
		01/11/07	A-5-3	CDOT



CDOT CHICAGO DEPARTMENT OF TRANSPORTATION	DATE	REVISION	CITY OF CHICAGO
	1/1/2014	REVISION 1	INTERSECTION CROSSWALK LAYOUT
		DATE	SHEET	DRAWN BY
		01/10/07	A-1-3	CDOT



NOTES:
1. Curb ramps shall be 48 in. minimum width with a firm, stable and non-slip surface.
2. Protective edging with a 2 in. minimum height shall be installed when the curb ramp or landing platform has a vertical drop of 6 in. or greater or has a side apron slope steeper than 1:3 (33%). Protective edging should be considered when curb ramps or landing platforms have a vertical drop of 3 in. or more.
3. Detectable edging with 6 in. minimum height and contrasting color shall be installed on all curb ramp landings where the walkway changes direction (turns).
4. Curb ramps and landings should have a 1:50 (2%) max cross-slope.
5. Clear space of 48 x 48 in. minimum shall be provided above and below the curb ramp.
6. The curb ramp walkway edge shall be marked with a contrasting color 2 to 4 in. wide marking. The marking is optional where color contrasting edging is used.
7. Water flow in the gutter system shall have minimal restriction.
8. Lateral joints or gaps between surfaces shall be less than 0.5 in. width.
9. Changes between surface heights should not exceed 0.5 in. Lateral edges should be vertical up to 0.25 in. high, and beveled at 1:2 between 0.25 in. and 0.5 in. height.

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION	DATE	REVISION	CITY OF CHICAGO
			TYPICAL TEMPORARY ADA RAMP
		DATE	SHEET	DRAWN BY
		01/01/14	A-6-3	CDOT

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION	REVISIONS			
	NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

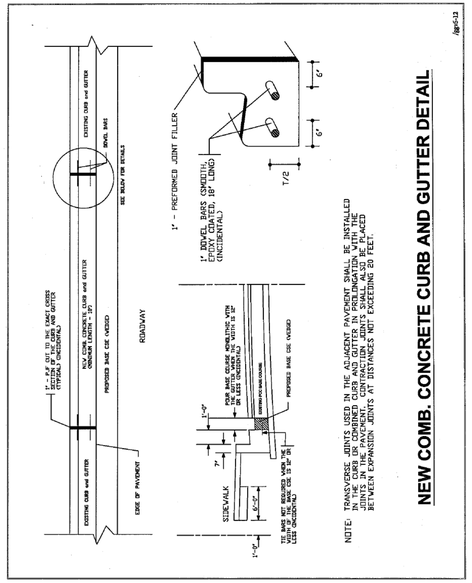
STANDARD DETAILS

CITY OF CHICAGO TYPICAL DETAILS

SCALE: N.T.S.

SHEET NO. 93

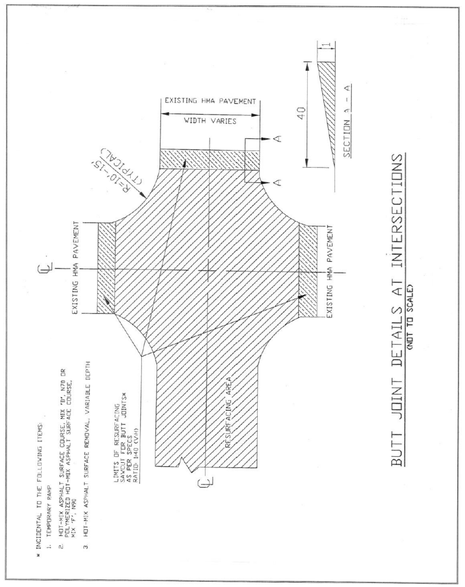
DATE:01/12/18



NOTE: TRANSVERSE JOINTS USED IN THE ADJACENT PAVEMENT SHALL BE INSTALLED IN THE CURB OR COMBINED CURB AND GUTTER IN PROLONGATION WITH THE JOINTING IN THE ADJACENT PAVEMENT. JOINTS SHALL BE PLACED BETWEEN EXPANSION JOINTS AT DISTANCES NOT EXCEEDING 20 FEET.

NEW COMB. CONCRETE CURB AND GUTTER DETAIL

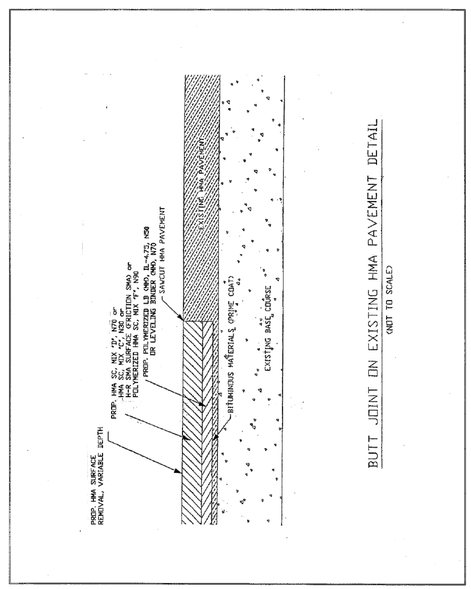
Page12-13



* INCIDENTAL TO THE FOLLOWING ITEMS:
1. TEMPORARY RAMP
2. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 OR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50
3. HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

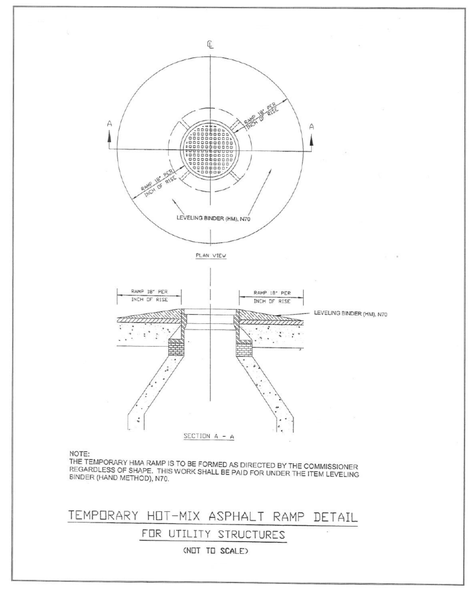
BUTT JOINT DETAILS AT INTERSECTIONS

(NOT TO SCALE)



BUTT JOINT ON EXISTING HMA PAVEMENT DETAIL

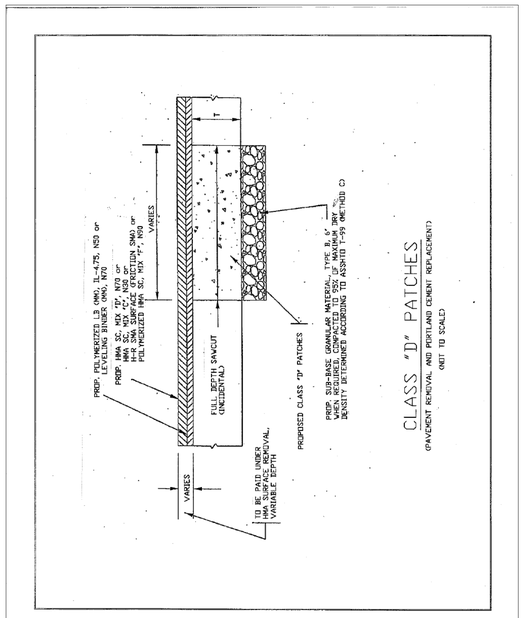
(NOT TO SCALE)



NOTE:
THE TEMPORARY HMA RAMP IS TO BE FORMED AS DIRECTED BY THE COMMISSIONER REGARDLESS OF SHAPE. THIS WORK SHALL BE PAID FOR UNDER THE ITEM LEVELING BINDER (HAND METHOD), N70.

TEMPORARY HOT-MIX ASPHALT RAMP DETAIL FOR UTILITY STRUCTURES

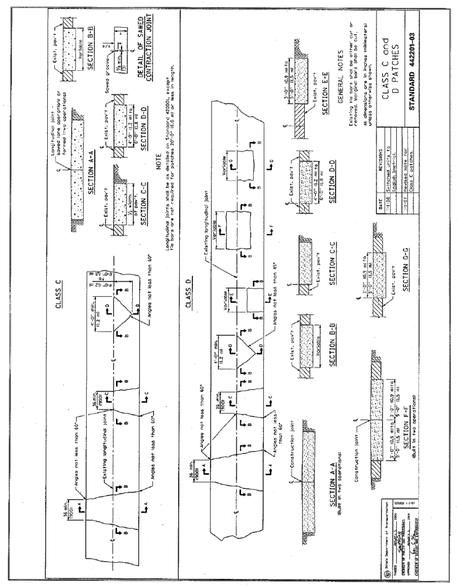
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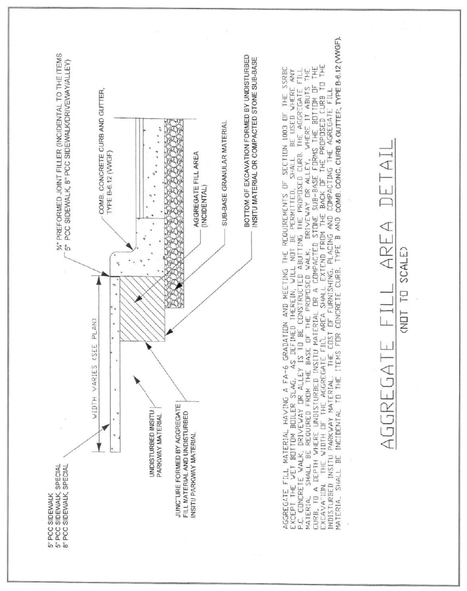


CLASS "D" PATCHES

(PAVEMENT REMOVAL AND PORTLAND CEMENT REPLACEMENT)

(NOT TO SCALE)

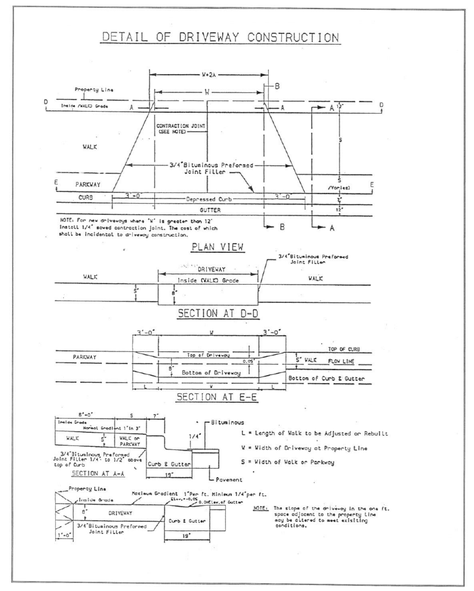




AGGREGATE FILL MATERIAL HAVING A FA-6 GRADATION AND MEETING THE REQUIREMENTS OF SECTION 1003 OF THE "STANDARD SPECIFICATIONS", AS REVISED THEREON, SHALL NOT BE PERMITTED, SHALL BE USED WHERE ANY EXCAVATION IS MADE BELOW THE BOTTOM OF THE PROPOSED CONCRETE CURB AND GUTTER. SUCH GRANULAR MATERIAL SHALL BE REQUIRED FROM THE BACK OF THE PROPOSED WALK, DRIVEWAY OR ALLEY, WHERE IT ABUTS THE PARKWAY, TO THE BACK OF THE PROPOSED CURB AND GUTTER. THE WIDTH OF THE AGGREGATE FILL AREA SHALL EXTEND FROM THE BACK OF THE PROPOSED CURB TO THE EXCAVATION. THE WIDTH OF THE AGGREGATE FILL AREA SHALL EXTEND FROM THE BACK OF THE PROPOSED CURB TO THE EXCAVATION. THE AGGREGATE FILL MATERIAL SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR AGGREGATE FILL MATERIAL. SHALL BE INCIDENTAL TO THE ITEMS PCC CONCRETE CURB, TYPE B AND COMB. CONC. CURB & GUTTER, TYPE B-612 (VWSF).

AGGREGATE FILL AREA DETAIL

(NOT TO SCALE)



CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

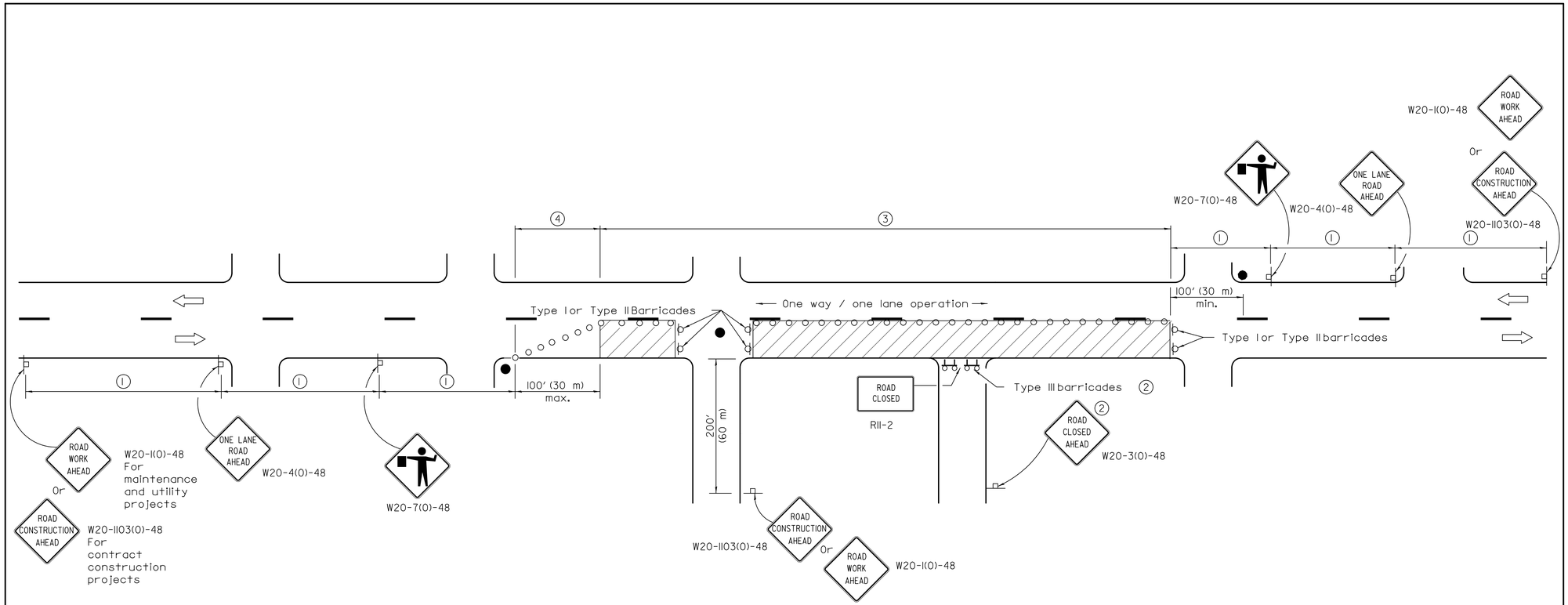
STANDARD DETAILS

CITY OF CHICAGO TYPICAL DETAILS

SCALE: N.T.S.

SHEET NO. 94

DATE:01/12/18



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 I-1-97

DATE	REVISIONS
1-1-11	Revised flagger sign.
1-1-09	Switched units to
	English (metric).
	Corrected sign No.'s.

URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED

STANDARD 701501-06

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

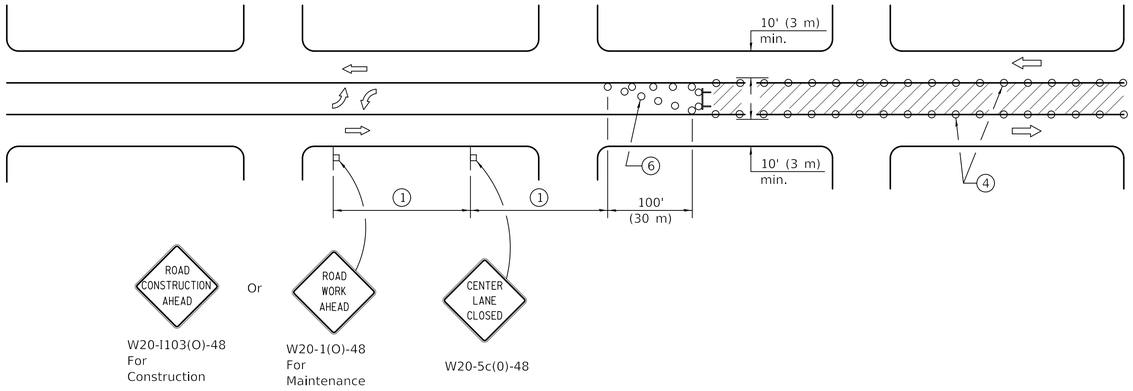
STANDARD DETAILS

IDOT STANDARD DETAILS

SCALE: N.T.S.

SHEET NO. 95

DATE: 01/12/18



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	FORMULAS (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
ENGINEER OF SAFETY, PROG. AND ENGINEERING

APPROVED January 1, 2018
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-01

DATE	REVISIONS
1-1-18	Corrected sign number for
	TWO WAY TRAFFIC sign for
	CASE II.
1-1-17	Added flashing lights to Type
	III barr. Revised dev. & sign
	spacing, TWLTL taper length.

URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE

(Sheet 1 of 2)

STANDARD 701502-08

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

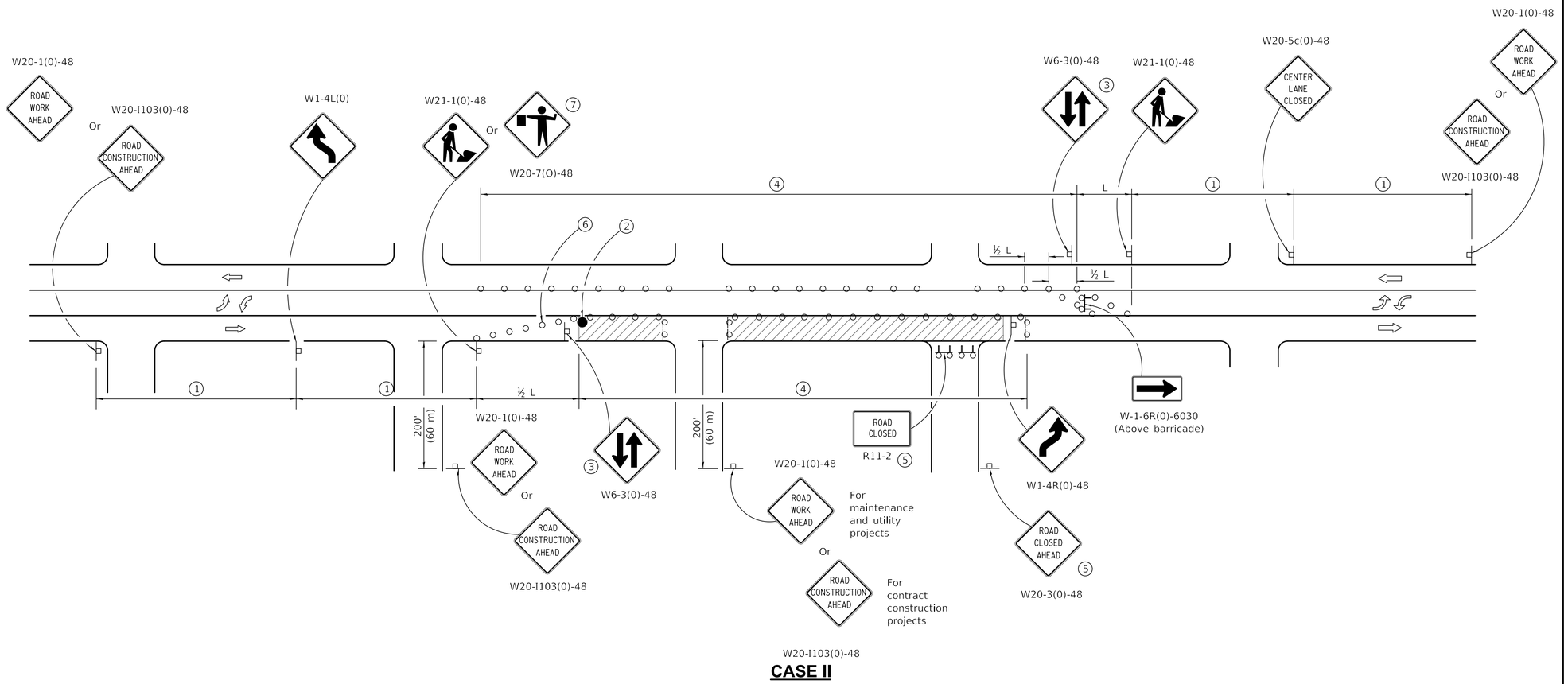
STANDARD DETAILS

IDOT STANDARD DETAILS

SCALE: N.T.S.

SHEET NO. 96

DATE:01/12/18



CASE II

Illinois Department of Transportation

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

APPROVED January 1, 2018
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED I-1-01

URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE

(Sheet 2 of 2)

STANDARD 701502–08

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B–4–152

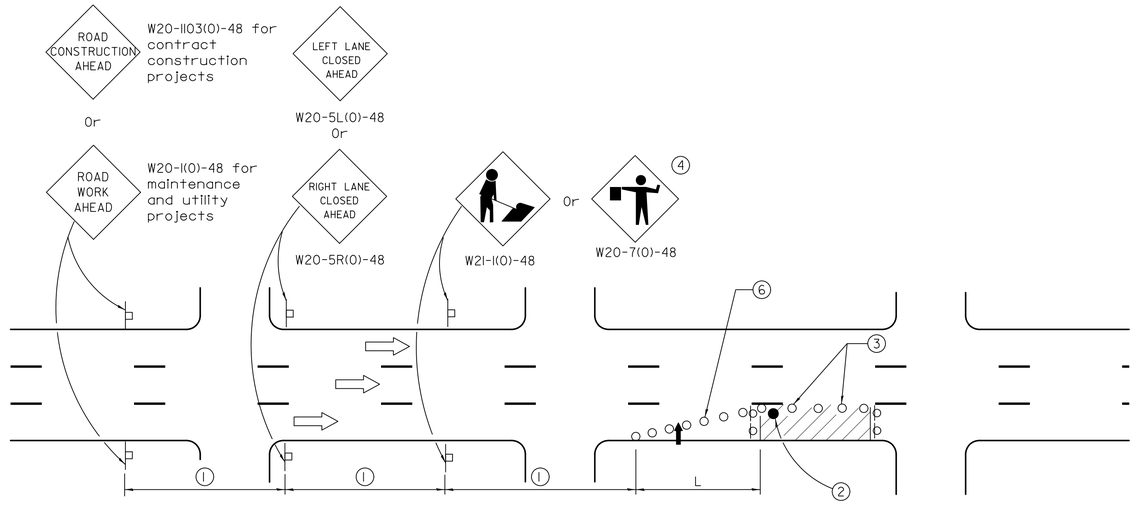
STANDARD DETAILS

IDOT STANDARD DETAILS

SCALE: N.T.S.

SHEET NO. 97

DATE:01/12/18



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

APPROVED January 1, 2014
ENGINEER OF DESIGN AND ENVIRONMENT

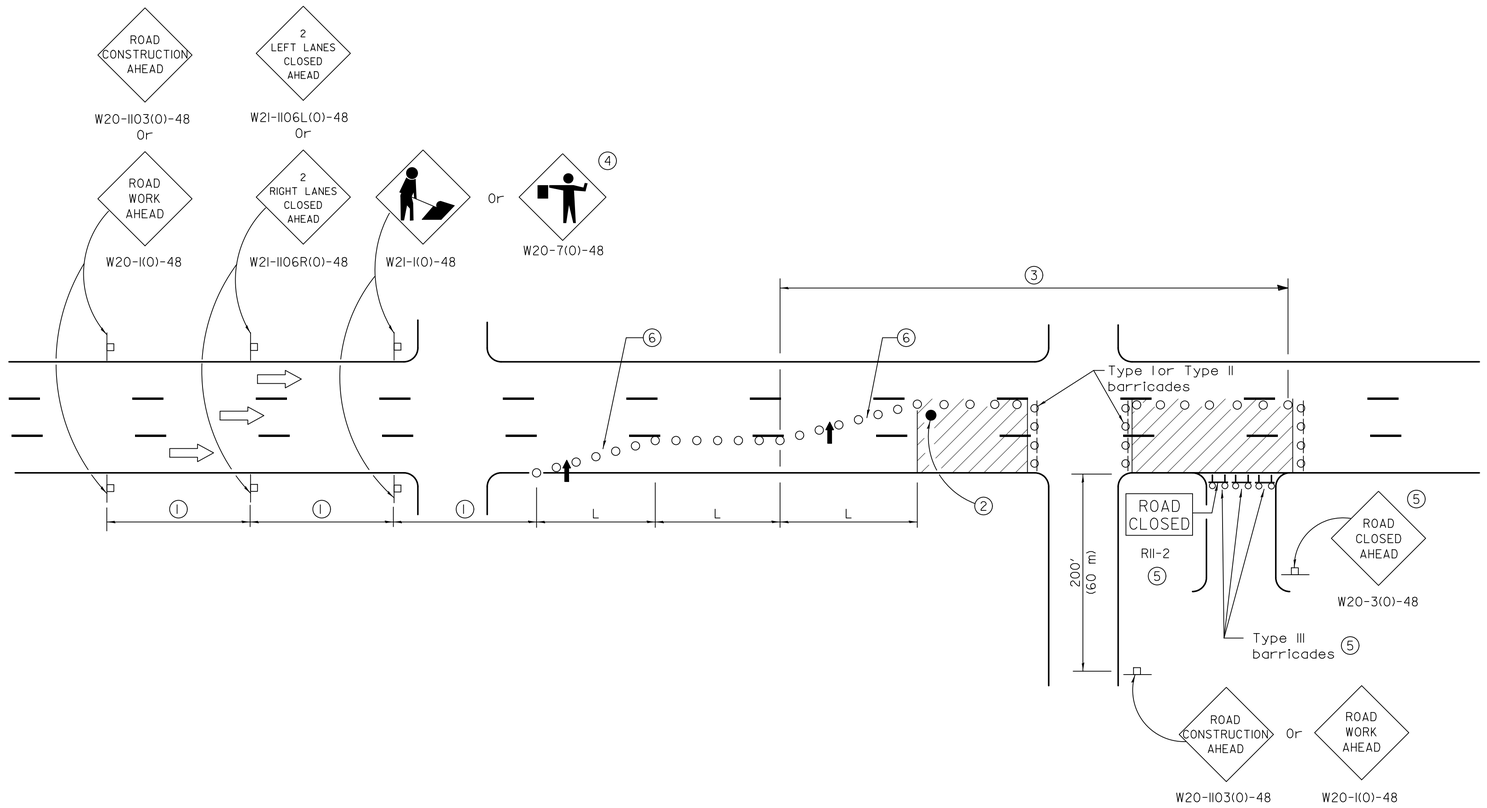
ISSUED 1-1-97

DATE	REVISIONS
1-1-14	Revised workers sign
	number to agree with
	current MUTCD.
1-1-13	Omitted text 'WORKERS'
	sign.

URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN

(Sheet 1 of 2)

STANDARD 701601-09



Illinois Department of Transportation

APPROVED January 1, 2014
ENGINEER OF SAFETY ENGINEERING

APPROVED January 1, 2014
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

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B–4–152

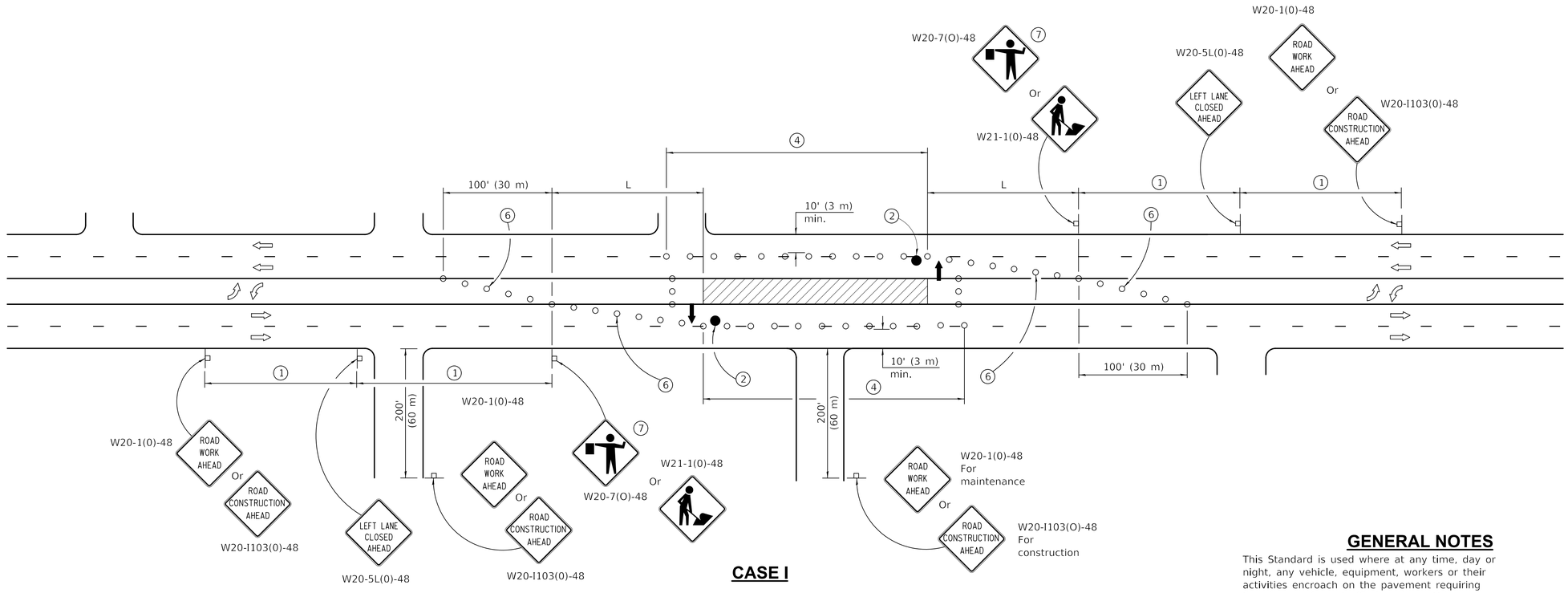
STANDARD DETAILS

IDOT STANDARD DETAILS

SCALE: N.T.S.

SHEET NO. 99

DATE:01/12/18



CASE I

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, repeat every 1 mile (1.6 km).
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.

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

SYMBOLS

- Arrow board
- Work area
- Barricade or drum with steady burning mondirectional 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

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.

If the work operation is performed between 9:00 a.m. and 3:00 p.m. and does not exceed 15 min. Traffic protection shall be as shown for Standard 701426.

Calculate L as follows:

SPEED LIMIT	FORMULAS English	FORMULAS (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
ENGINEER OF SAFETY, PROG. AND ENGINEERING

APPROVED January 1, 2018
ENGINEER OF DESIGN AND ENVIRONMENT

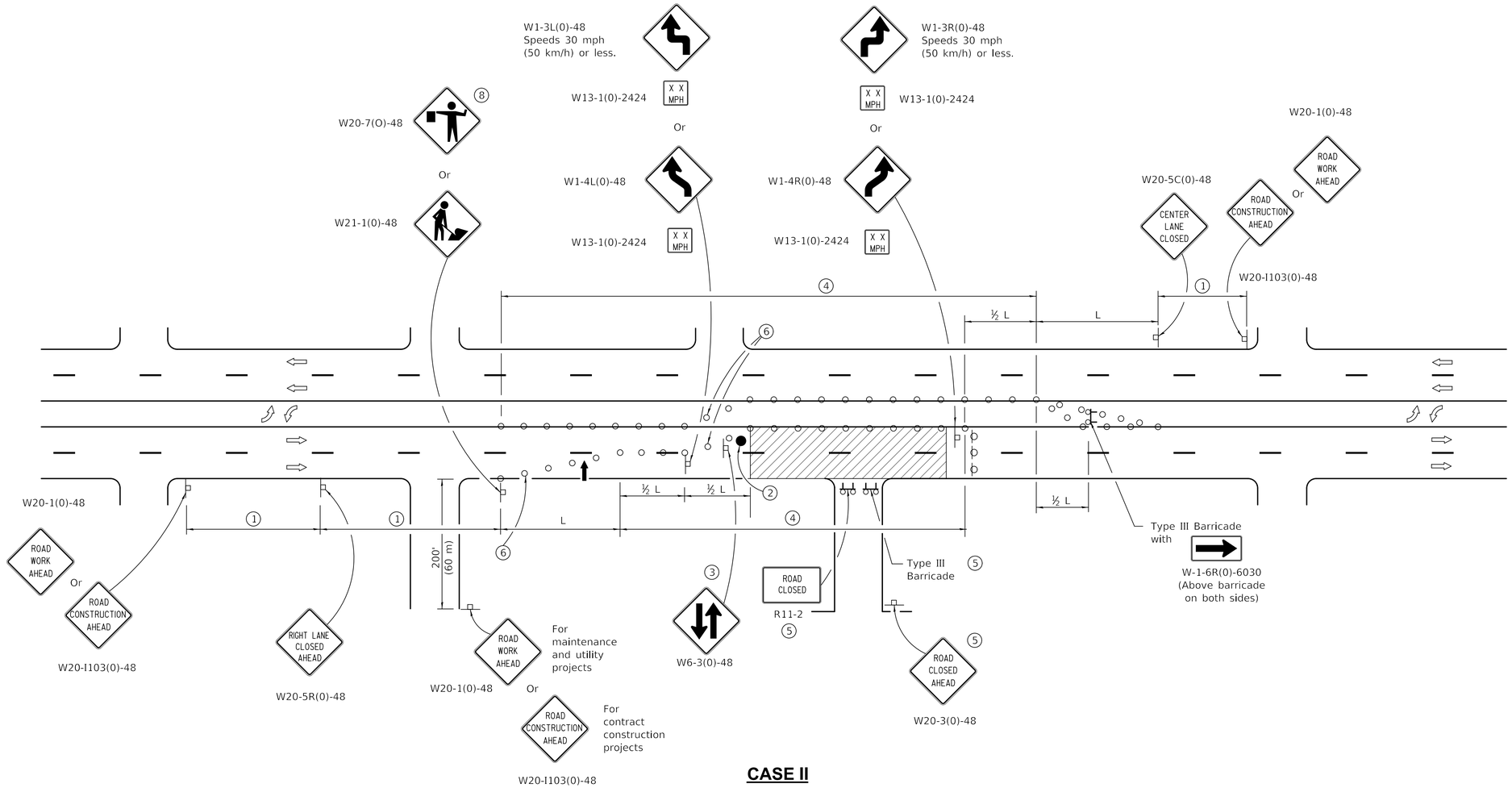
ISTSD I-1-01

DATE	REVISIONS
1-1-18	Moved arrow boards into
	closed lanes for CASE 1.
1-1-17	Added flashing lights to Type
	III barr. Revised dev. & sign
	spacing, TWLTL taper length.

URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE

(Sheet 1 of 4)

STANDARD 701602-09



CASE II

Illinois Department of Transportation

APPROVED January 1, 2018
ENGINEER OF SAFETY PROG. AND ENGINEERING
APPROVED January 1, 2018
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-01

URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE

(Sheet 2 of 4)

STANDARD 701602–09

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B–4–152

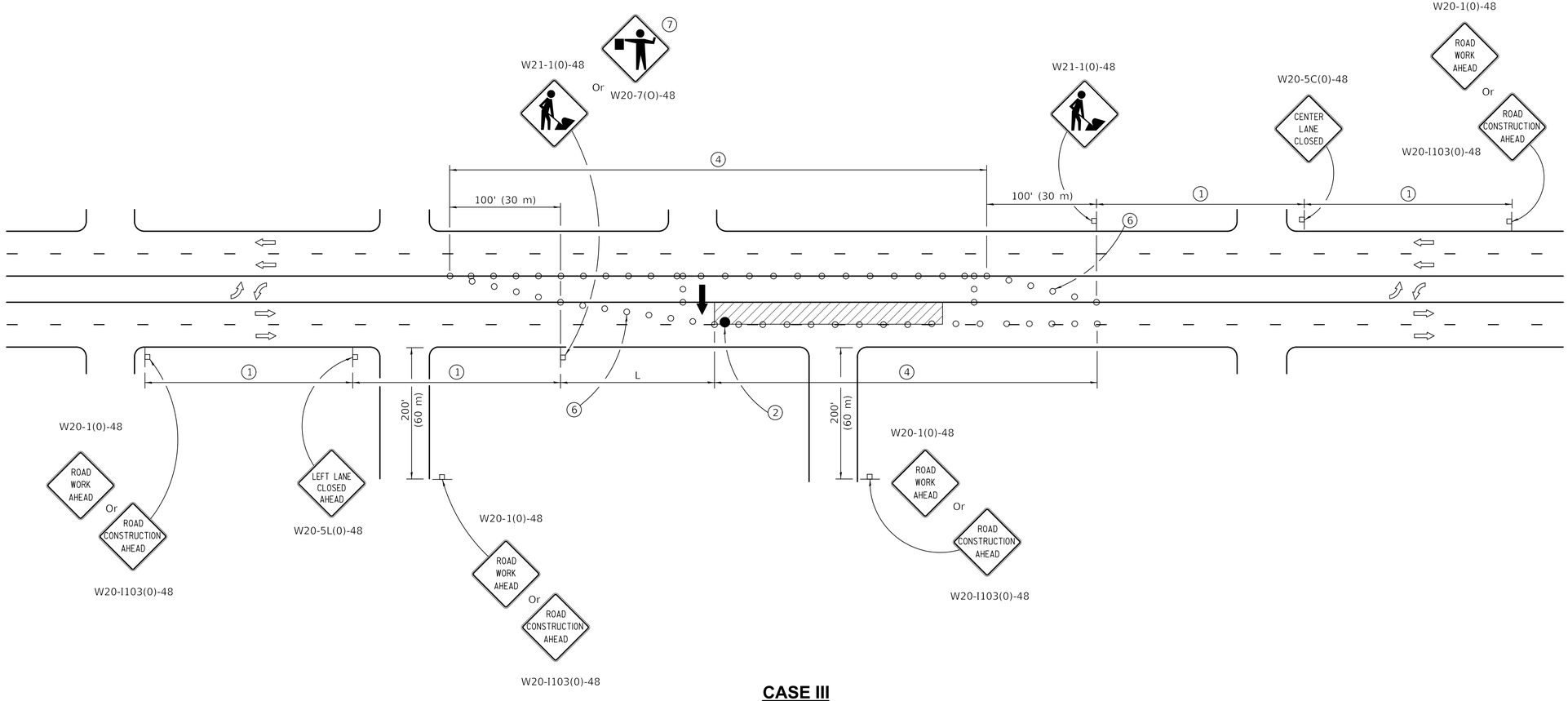
STANDARD DETAILS

IDOT STANDARD DETAILS

SCALE: N.T.S.

SHEET NO. 101

DATE:01/12/18



CASE III

Illinois Department of Transportation

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

APPROVED January 1, 2018
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

CDOT
CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B–4–152

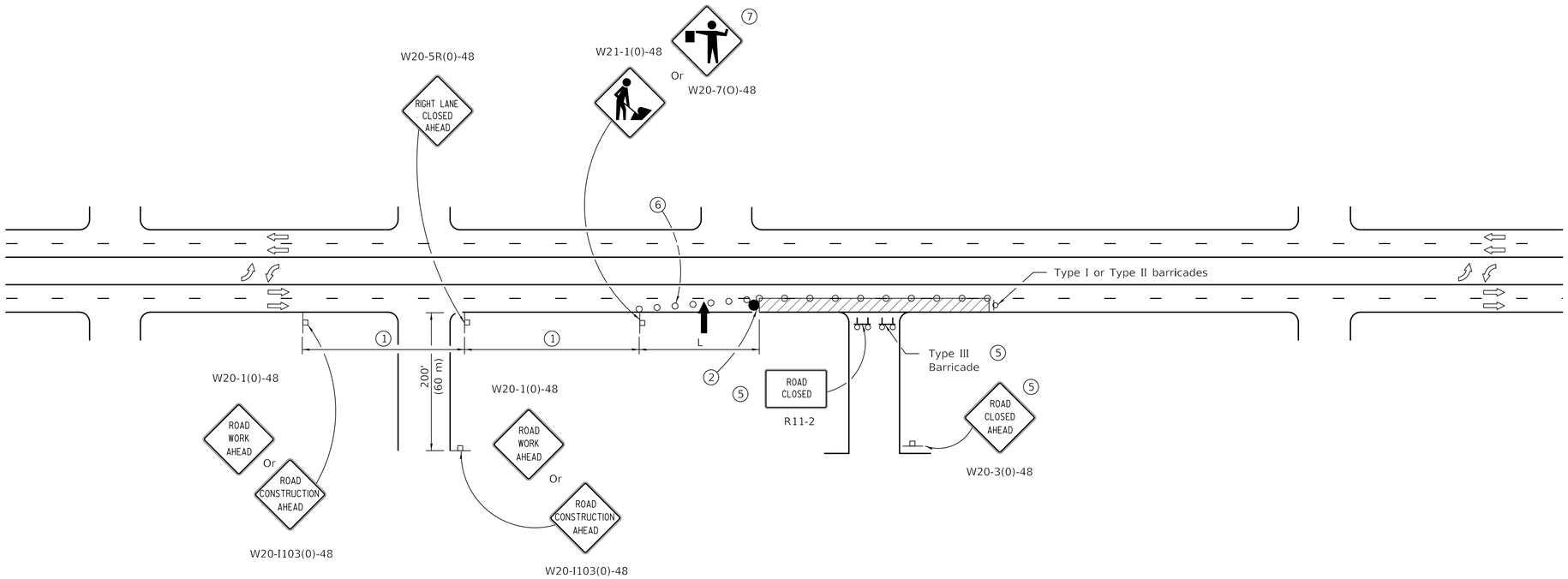
STANDARD DETAILS

IDOT STANDARD DETAILS

SCALE: N.T.S.

SHEET NO. 102

DATE:01/12/18



CASE IV

Illinois Department of Transportation

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

APPROVED January 1, 2018
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-01

URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE

(Sheet 4 of 4)

STANDARD 701602–09

CDOT
CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B–4–152

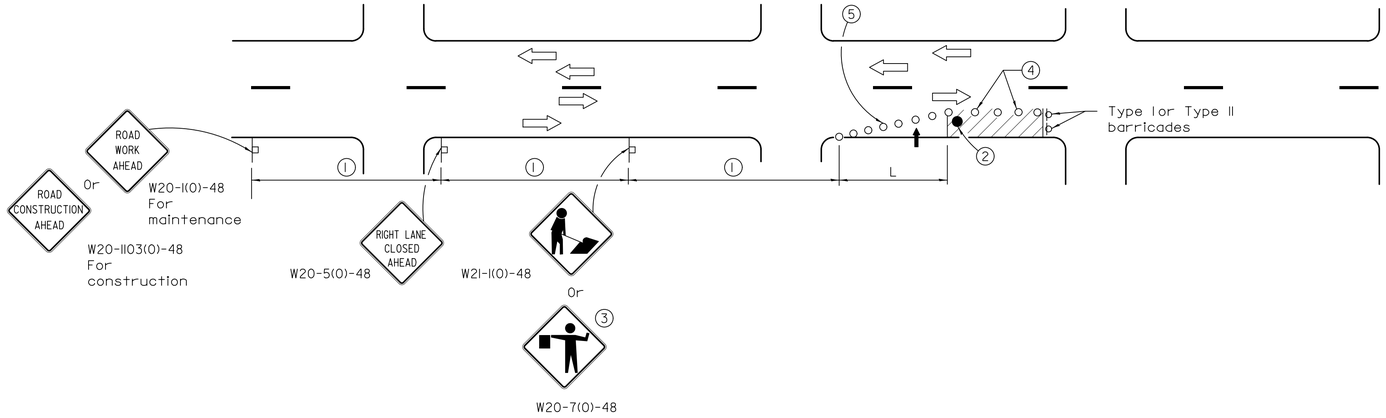
STANDARD DETAILS

IDOT STANDARD DETAILS

SCALE: N.T.S.

SHEET NO. 103

DATE:01/12/18



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
- Flagger with traffic control sign.

1. Refer to SIGN SPACING TABLE for distances.
2. Required for speeds > 40 mph.
3. Use flagger sign only when flagger is present.
4. 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.
5. Cones, drums or barricades at 20' (6 m) centers 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 requiring the closure of one traffic lane in an Urban area.

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, 2015
ENGINEER OF SAFETY ENGINEERING

APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-15

DATE	REVISIONS
1-1-15	Renamed standard. Moved
	case on Sheet 2 to new
	Highway Standard.
1-1-14	Revised workers sign
	number to agree with
	current MUTCD.

URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN

STANDARD 701606-10

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

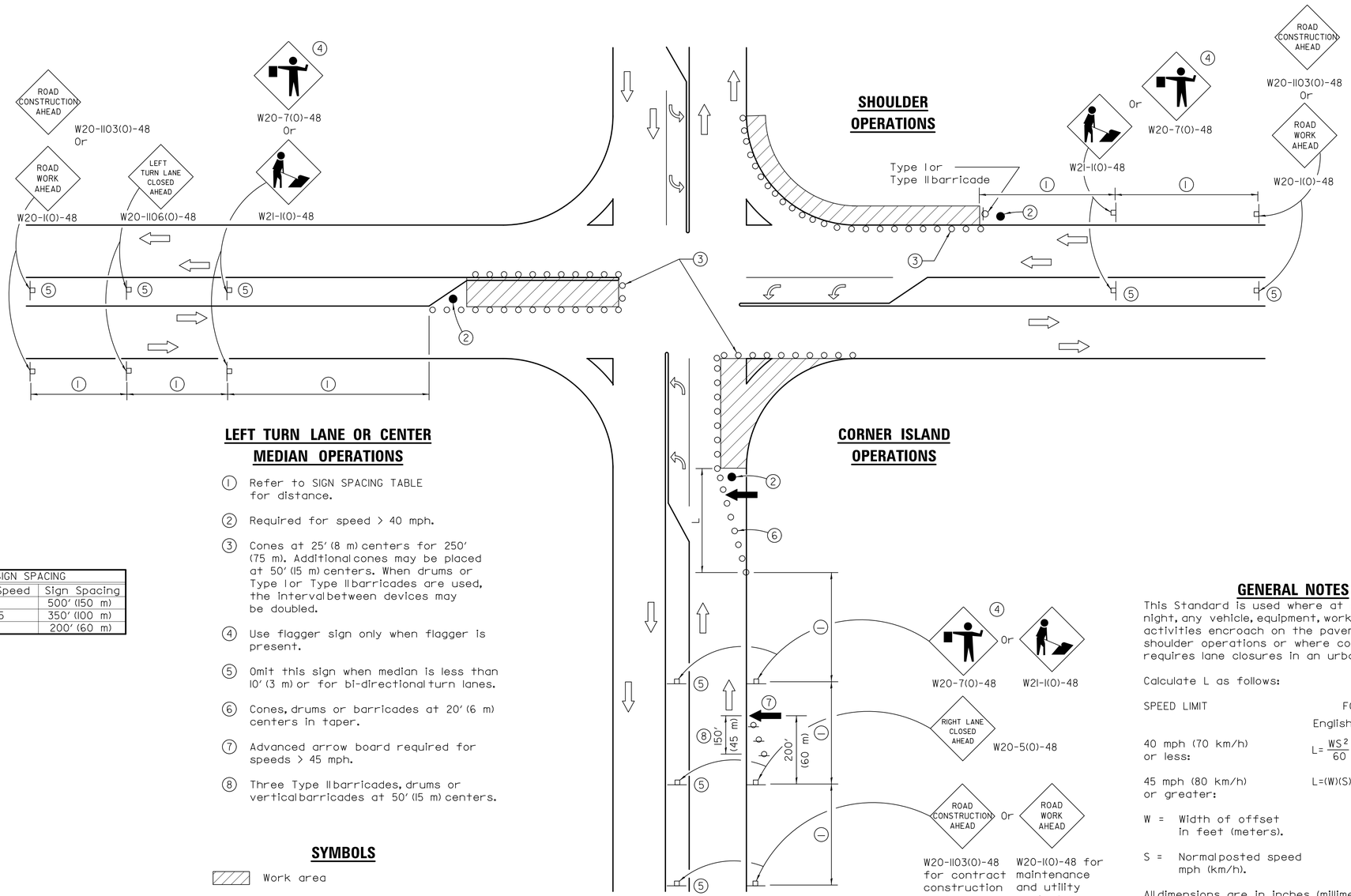
STANDARD DETAILS

IDOT STANDARD DETAILS

SCALE: N.T.S.

SHEET NO. 104

DATE: 01/12/18



LEFT TURN LANE OR CENTER MEDIAN OPERATIONS

(1) Refer to SIGN SPACING TABLE for distance.

(2) Required for speed > 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) Omit this sign when median is less than 10' (3 m) or for bi-directional turn lanes.

(6) Cones, drums or barricades at 20' (6 m) centers in taper.

(7) Advanced arrow board required for speeds > 45 mph.

(8) Three Type II barricades, drums or vertical barricades at 50' (15 m) centers.

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
- Sign on portable or permanent support
- Arrow board
- Barricade or drum with flashing light
- Flagger with traffic control sign

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 an urban area.

Calculate L as follows:

SPEED LIMIT	FORMULAS English	FORMULAS (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 April 1, 2016
ENGINEER OF SAFETY ENGINEERING

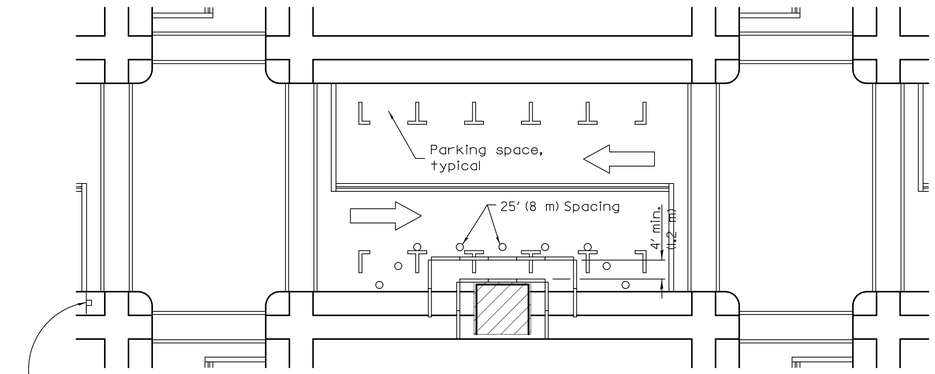
APPROVED April 1, 2016
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-96

DATE	REVISIONS
4-1-16	Corrected sign number for
	LEFT TURN LANE CLOSED
	AHEAD.
1-1-14	Added devices at arrow
	board upstream from taper.
	Rev. workers sign number.

URBAN LANE CLOSURE, MULTILANE INTERSECTION

STANDARD 701701-10



① ROAD CONSTRUCTION AHEAD — W20-1103(0)-48 for contract construction projects

Or

① ROAD WORK AHEAD — W20-1(0)-48 for maintenance and utility projects

SIDEWALK DIVERSION

① Omit whenever duplicated by road work traffic control.

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.

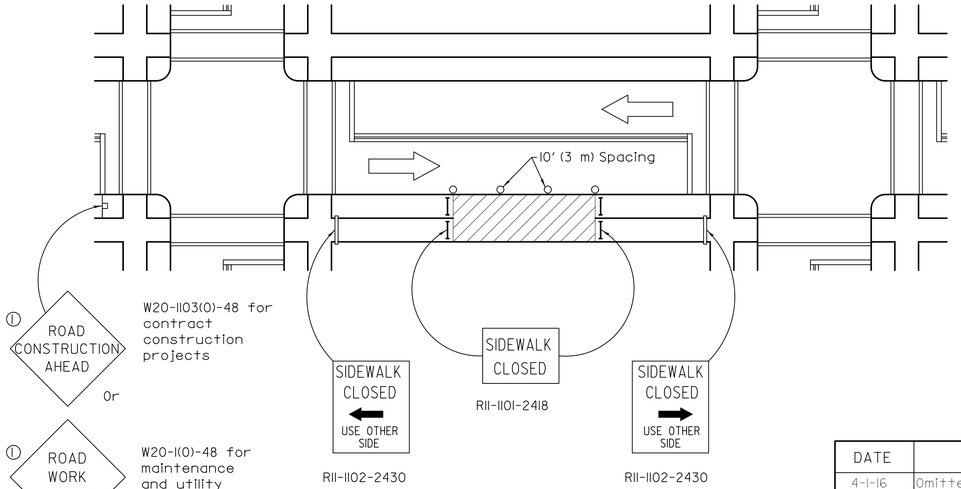
The SIDEWALK CLOSED / USE OTHER SIDE sign shall be placed at the nearest crosswalk or intersection to each end of the closure. Where the closure occurs at a corner, the signs shall be erected on the corners across the street from the closure. The SIDEWALK CLOSED signs shall be used at the ends of the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

SYMBOLS

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



① ROAD CONSTRUCTION AHEAD — W20-1103(0)-48 for contract construction projects

Or

① ROAD WORK AHEAD — W20-1(0)-48 for maintenance and utility projects

RII-1102-2430 RII-1102-2430

SIDEWALK CLOSURE

Illinois Department of Transportation

APPROVED April 1, 2016
ENGINEER OF SAFETY ENGINEERING

APPROVED April 1, 2016
ENGINEER OF DESIGN AND EVIRONMENT

ISSUED 1-1-97

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.

SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 1 of 2)

STANDARD 701801-06

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

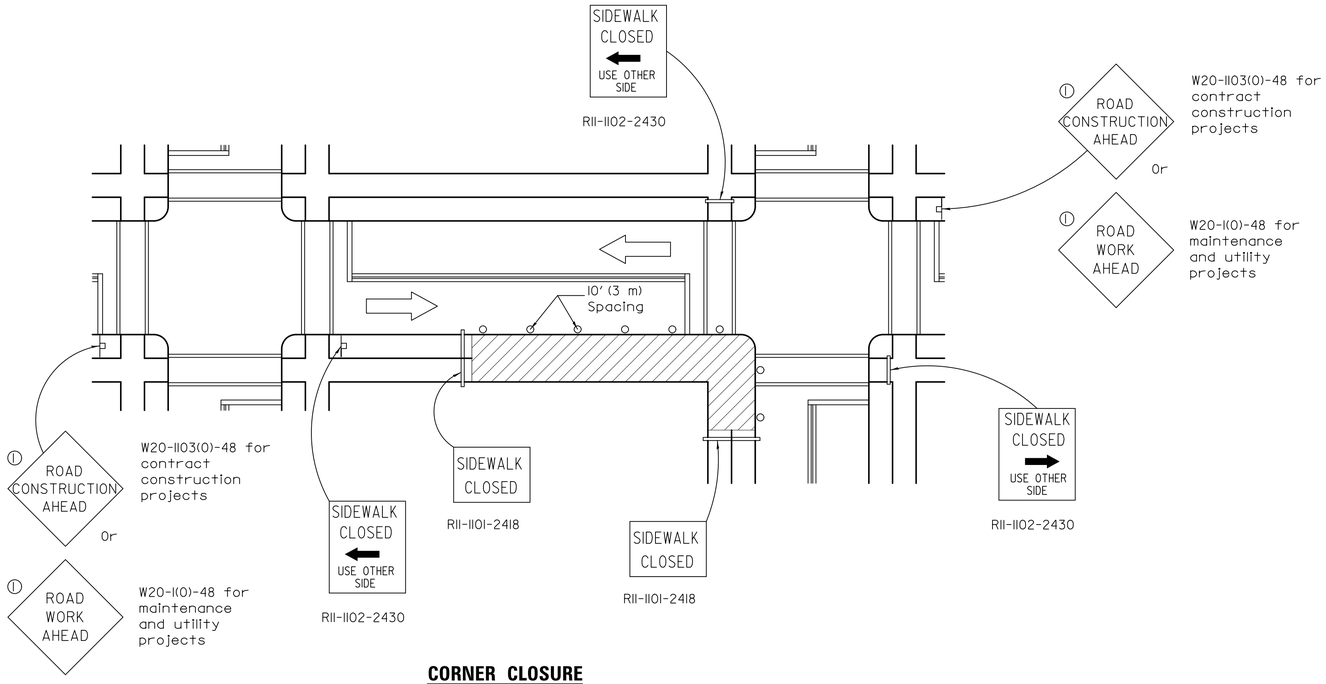
STANDARD DETAILS

IDOT STANDARD DETAILS

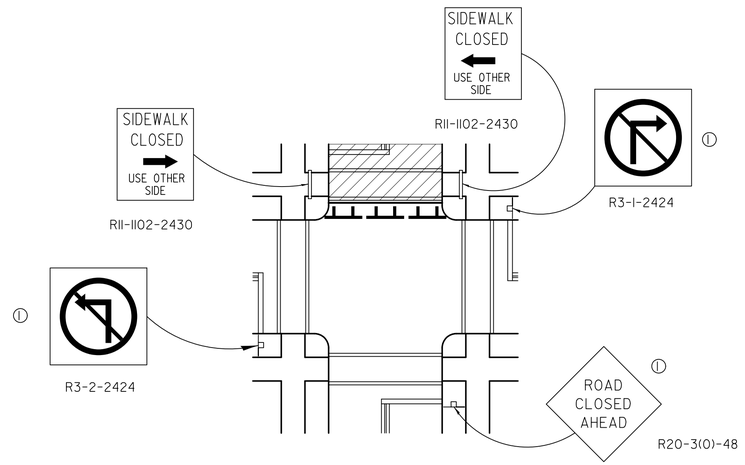
SCALE: N.T.S.

SHEET NO. 106

DATE: 01/12/18



CORNER CLOSURE



CROSSWALK CLOSURE

Illinois Department of Transportation

APPROVED April, 2016
ENGINEER OF SAFETY ENGINEERING
APPROVED April, 2016
ENGINEER OF DESIGN AND EVIRONMENT
ISSUED 1-1-97

SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 2 of 2)

STANDARD 701801-06

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

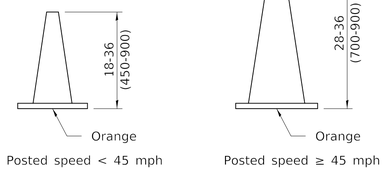
STANDARD DETAILS

IDOT STANDARD DETAILS

SCALE: N.T.S.

SHEET NO. 107

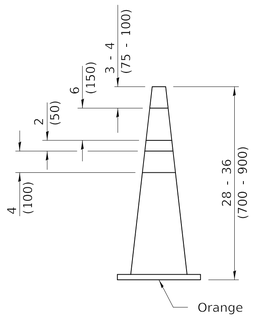
DATE:01/12/18



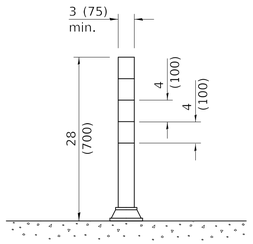
Posted speed < 45 mph

Posted speed ≥ 45 mph

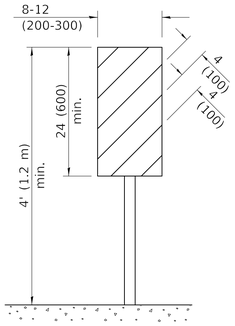
CONE FOR DAYTIME



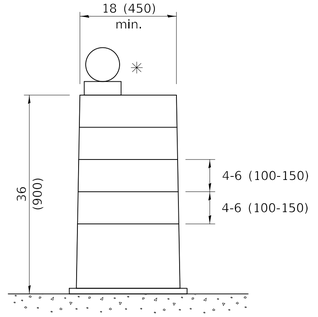
REFLECTORIZED CONE FOR NIGHTTIME



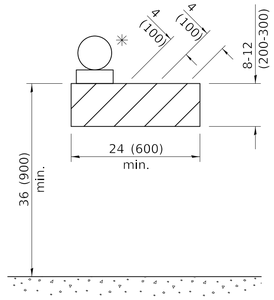
TUBULAR MARKER



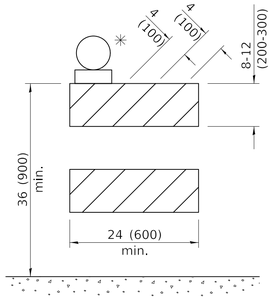
VERTICAL PANEL
POST MOUNTED



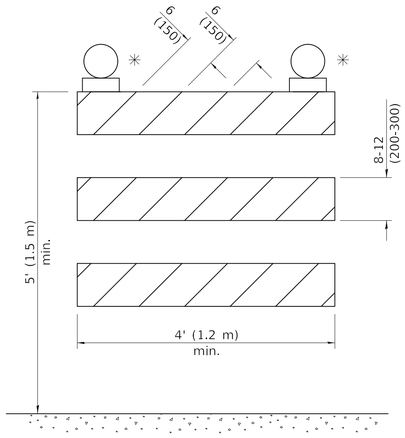
DRUM



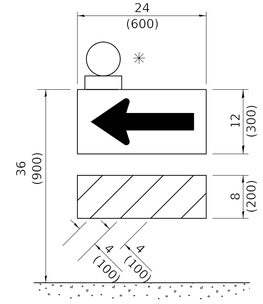
TYPE I BARRICADE



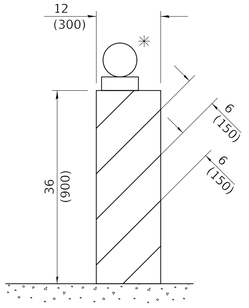
TYPE II BARRICADE



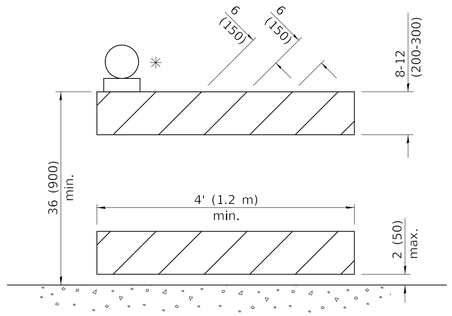
TYPE III BARRICADE



DIRECTION INDICATOR BARRICADE



VERTICAL BARRICADE



DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE

✳ Warning lights (if required)

GENERAL NOTES

All heights shown shall be measured above the pavement surface.

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

Illinois Department of Transportation

APPROVED January 1, 2018
ENGINEER OF OPERATIONS

APPROVED January 1, 2018
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
1-1-18	Revised END WORK ZONE
	SPEED LIMIT sign from
	orange to white background.
1-1-17	Changed FLEXIBLE DELINEATOR
	to TUBULAR MARKER.

TRAFFIC CONTROL DEVICES

(Sheet 1 of 3)

STANDARD 701901-07

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

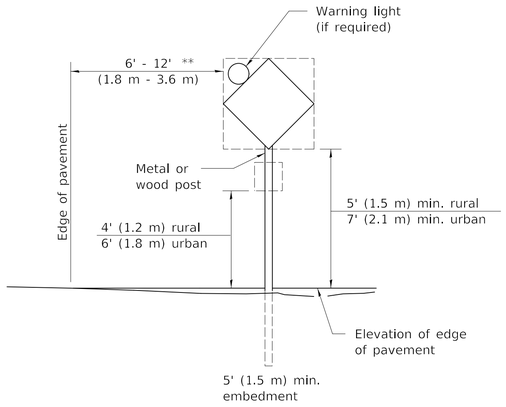
STANDARD DETAILS

IDOT STANDARD DETAILS

SCALE: N.T.S.

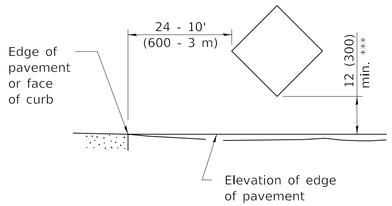
SHEET NO. 108

DATE:01/12/18



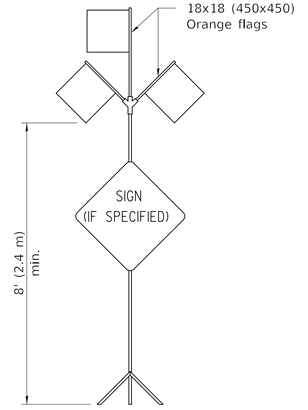
POST MOUNTED SIGNS

** 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.



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.



HIGH LEVEL WARNING DEVICE



G20-I104(0)-6036



G20-I105(0)-6024

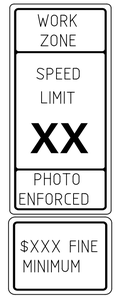
This signing is required for all projects 2 miles (3200 m) or more in length.

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



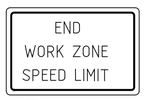
W21-III5(0)-3618

R2-I-3648

R10-I108p-3618 ****

R2-I106p-3618

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

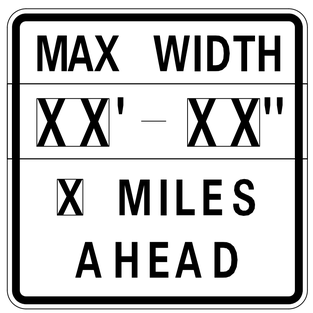


G20-I103-6036

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

HIGHWAY CONSTRUCTION SPEED ZONE SIGNS

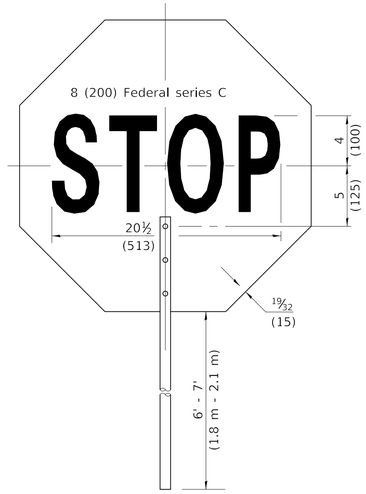
**** R10-I108p shall only be used along roadways under the juristiction of the State.



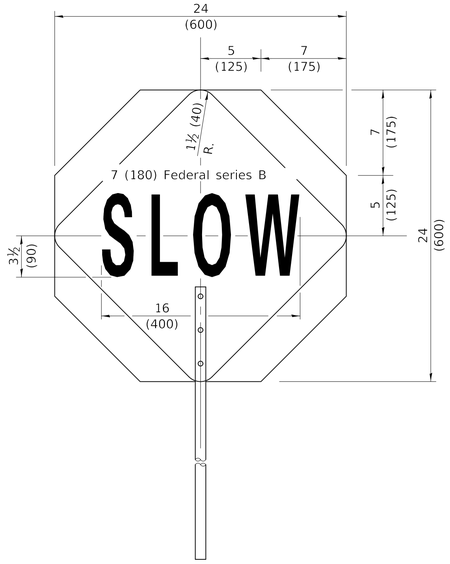
W12-I103-4848

WIDTH RESTRICTION SIGN

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



FRONT SIDE



REVERSE SIDE

FLAGGER TRAFFIC CONTROL SIGN

Illinois Department of Transportation

APPROVED January 1, 2018
ENGINEER OF OPERATIONS

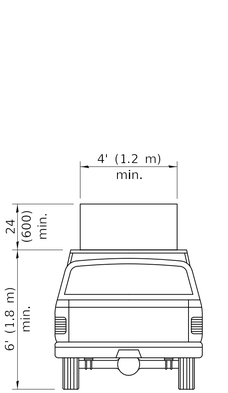
APPROVED January 1, 2018
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED I-97

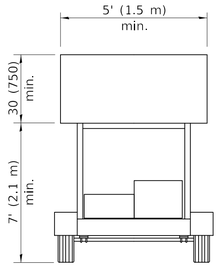
TRAFFIC CONTROL DEVICES

(Sheet 2 of 3)

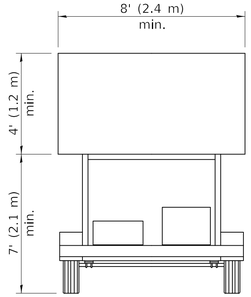
STANDARD 701901–07



TYPE A ROOF MOUNTED

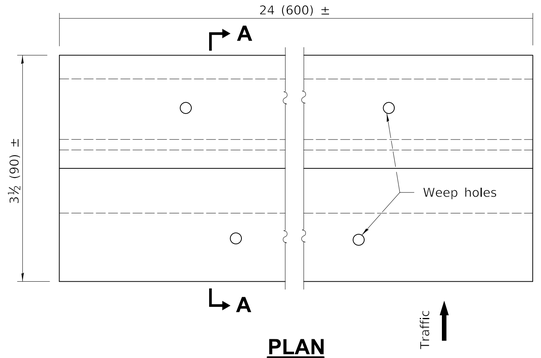


TYPE B ROOF OR TRAILER MOUNTED

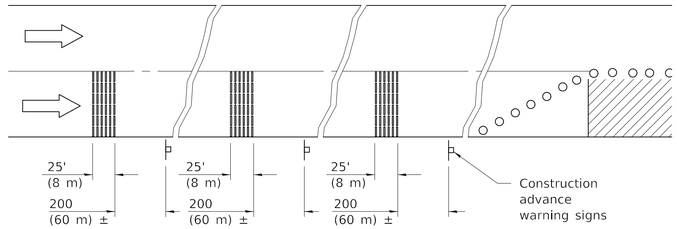


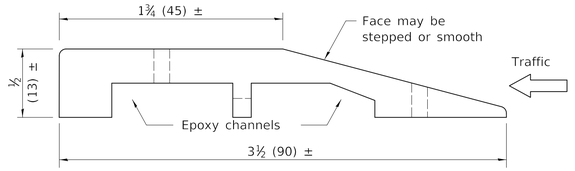
TYPE C TRAILER MOUNTED

ARROW BOARDS

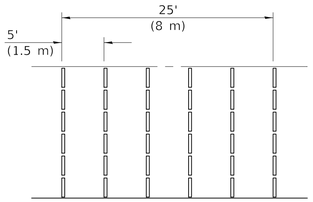


PLAN



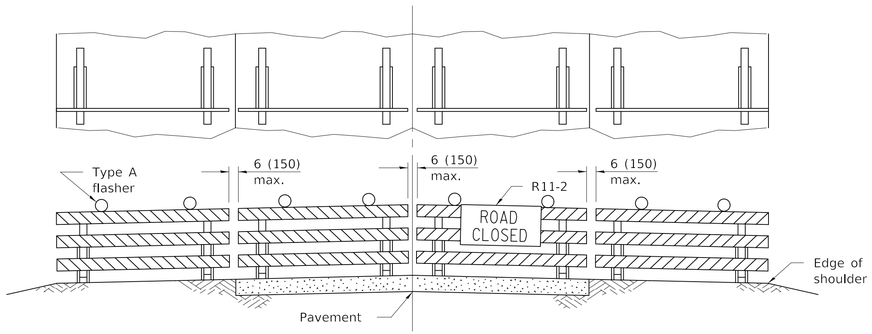


SECTION A-A



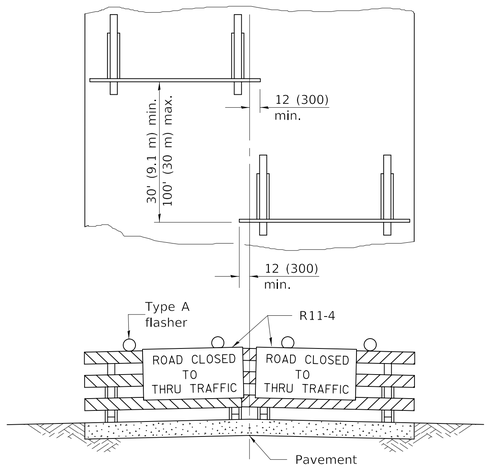
TYPICAL INSTALLATION

TEMPORARY RUMBLE STRIPS



ROAD CLOSED TO ALL TRAFFIC

Reflectorized striping may be omitted on the back side of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the sign may be mounted on an NCHRP 350 temporary sign support directly in front of the barricade.



ROAD CLOSED TO THRU TRAFFIC

Reflectorized striping shall appear on both sides of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the signs may be mounted on NCHRP 350 temporary sign supports directly in front of the barricade.

TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD

Illinois Department of Transportation

APPROVED January 1, 2018
ENGINEER OF OPERATIONS

APPROVED January 1, 2018
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

TRAFFIC CONTROL DEVICES

(Sheet 3 of 3)

STANDARD 701901–07

CDOT
CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B–4–152

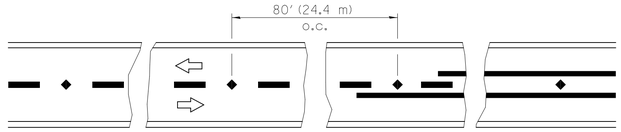
STANDARD DETAILS

IDOT STANDARD DETAILS

SCALE: N.T.S.

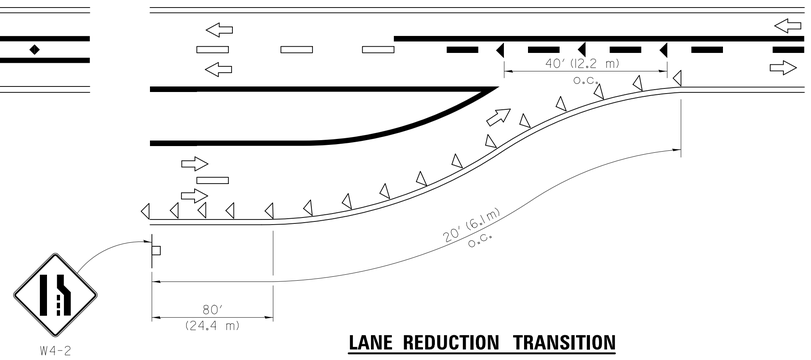
SHEET NO. 110

DATE:01/12/18

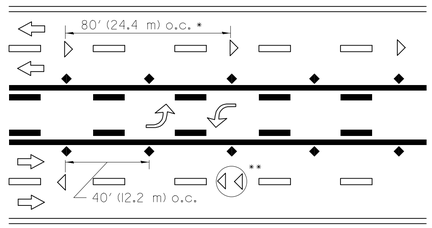


Reduce to 40' (12.2 m) o.c. on curves with posted or advisory speeds of 45 mph (70 km/h) or less.

TWO–LANE /TWO–WAY

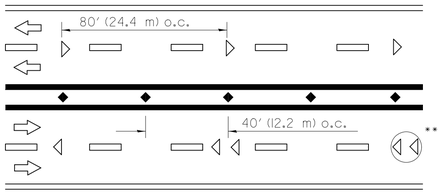


LANE REDUCTION TRANSITION



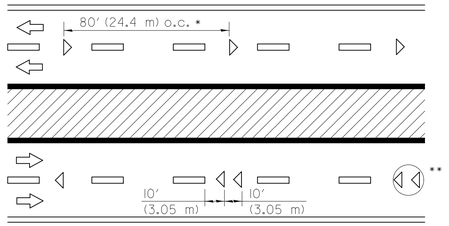
*,** See MULTILANE DIVIDED detail for lane marker notes.

TWO–WAY LEFT TURN



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

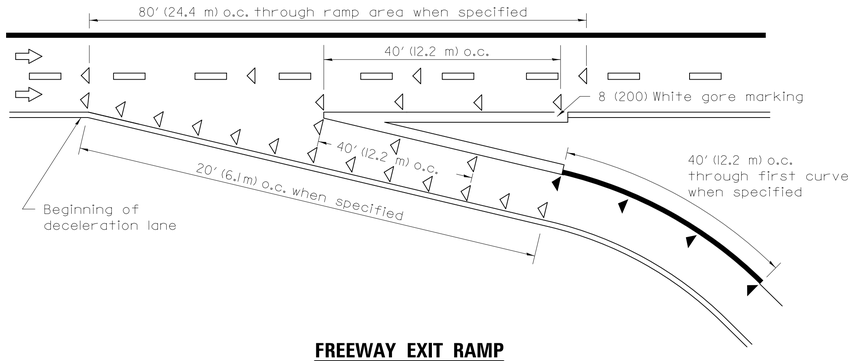
MULTI–LANE UNDIVIDED



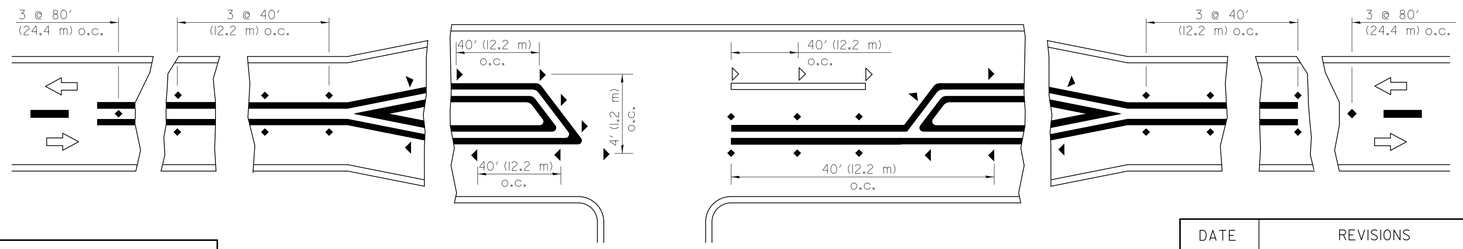
* Reduce to 40' (12.2 m) o.c. on curves where advisory speeds are 10 mph (15 km/h) lower than posted speeds.

** 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

CDOT
CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B–4–152

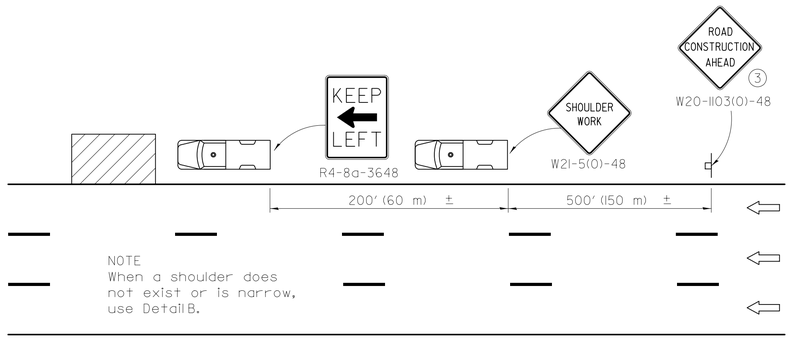
STANDARD DETAILS

IDOT STANDARD DETAILS

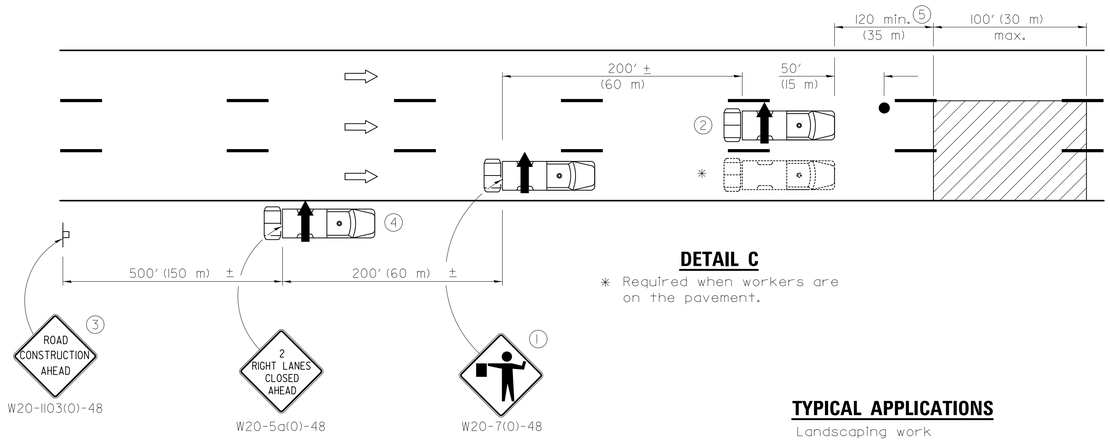
SCALE: N.T.S.

SHEET NO. 111

DATE:01/12/18

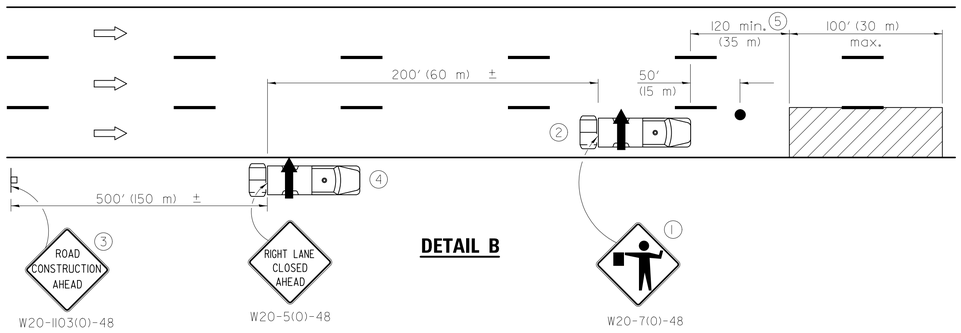


DETAIL A



DETAIL C

* Required when workers are on the pavement.



DETAIL B

TYPICAL APPLICATIONS

Landscaping work
Utility work
Pavement marking
Weed spraying
Roadometer measurements
Debris cleanup
Crack pouring

1. Flaggers are required when workers are on the pavement.
2. For striping operations only. See sign arrow detail on this standard.
3. For stationary operations which are on the roadway or shoulder, greater than 15 minutes and up to 1 hour.
4. Omit truck, attenuator and arrow board when no shoulder exists due to curb and gutter.
5. The distance between the work and the lead truck may vary according to terrain or paint/crack sealing time.



G20-1101-2430
(appropriate arrow)
(2)(when striping only)

GENERAL NOTES

This Standard is used where any vehicle, equipment, workers or their activities will require: 1) stationary operations up to 1 hour, or 2) a continuous or intermittent moving operation where the average speed of movement is greater than 1 mph (2 km/h).

This Standard is also applicable when work is being performed in the left lane(s) or on the median shoulder. Under these conditions, KEEP RIGHT signs shall be substituted for KEEP LEFT signs and arrow board indications shall be directed to the right.

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

SYMBOLS

- Arrow board
- Work area
- Truck with flashing amber light
- Truck/Trailer mounted attenuator
- Flagger with traffic control sign
- Sign

Illinois Department of Transportation

APPROVED January 1, 2017
ENGINEER OF SAFETY, PROG. AND ENGINEERING

APPROVED January 1, 2017
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-17

DATE	REVISIONS
1-1-17	Revised 'NOTE' on DETAIL A
	to use DETAIL B in lieu of
	DETAIL C.
4-1-16	Rev. gen. notes. Added
	note (5). Rev. dist. between
	work and lead truck.

LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH

STANDARD 701427-05

CDOT
CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

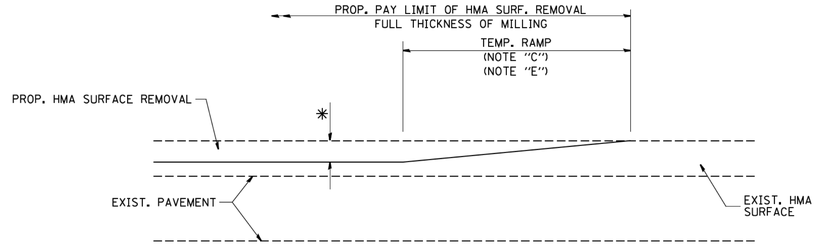
STANDARD DETAILS

IDOT STANDARD DETAILS

SCALE: N.T.S.

SHEET NO. 112

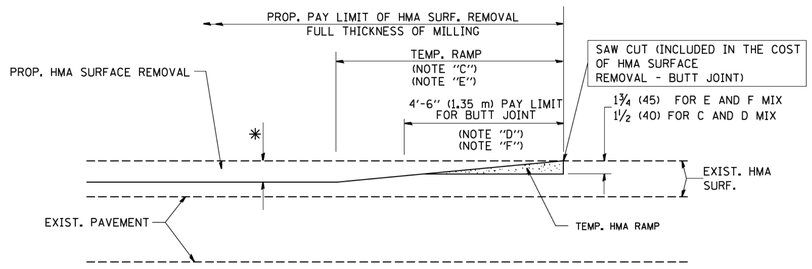
DATE: 01/12/18



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

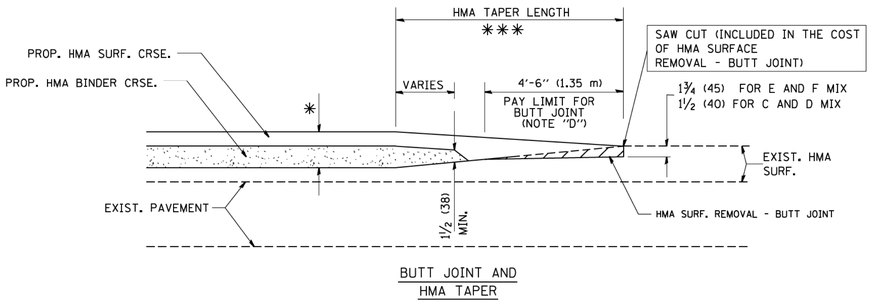


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

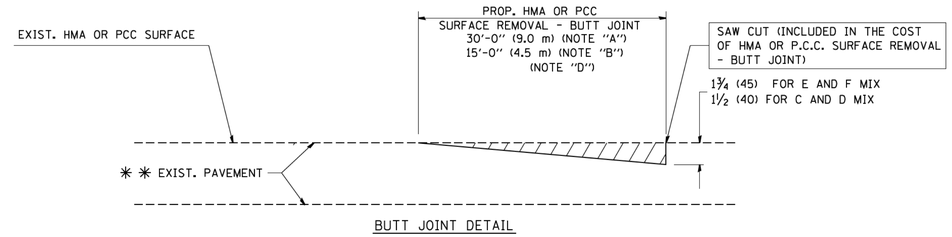
OPTION 2

TYPICAL TEMPORARY RAMP

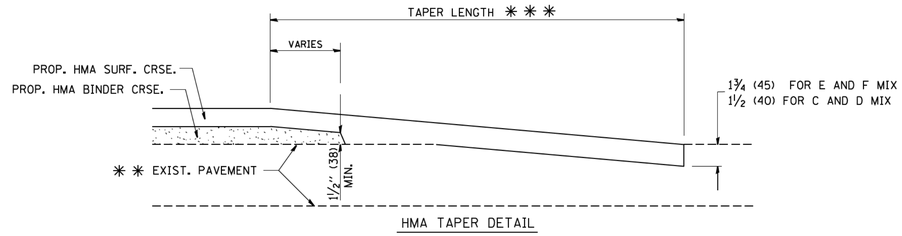


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.

B: MINOR SIDE ROADS.

C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.

D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.

E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.

F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT

G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".

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

FILE NAME = W:\diststd\22x34\bd32.dgn	USER NAME = gaglianobt	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	BD400-05 BD32	CONTRACT NO.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CDOT
CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

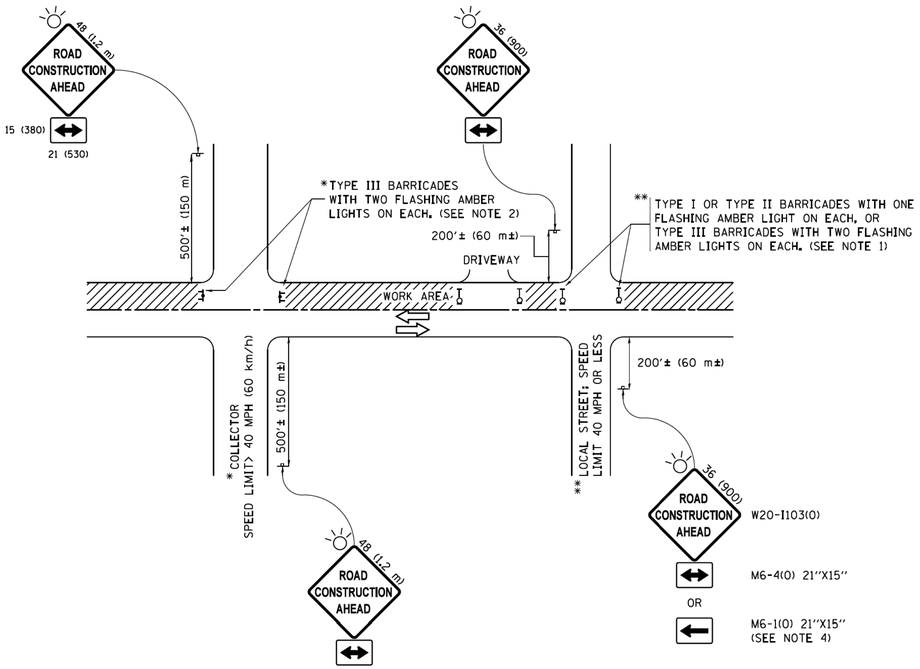
STANDARD DETAILS

IDOT STANDARD DETAILS

SCALE: N.T.S.

SHEET NO. 113

DATE: 01/12/18



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
   a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
   a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. 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.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

FILE NAME = pw:\\IL084EBIDNTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist$	USER NAME = footemj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
		DRAWN \CADData\CADsheets\tc10.dgn	REVISED -T. RAMMACHER 01-06-00
	PLOT SCALE = 50.000 ' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
Default	PLOT DATE = 9/15/2016	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

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

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CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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. 114

DATE:01/12/18

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

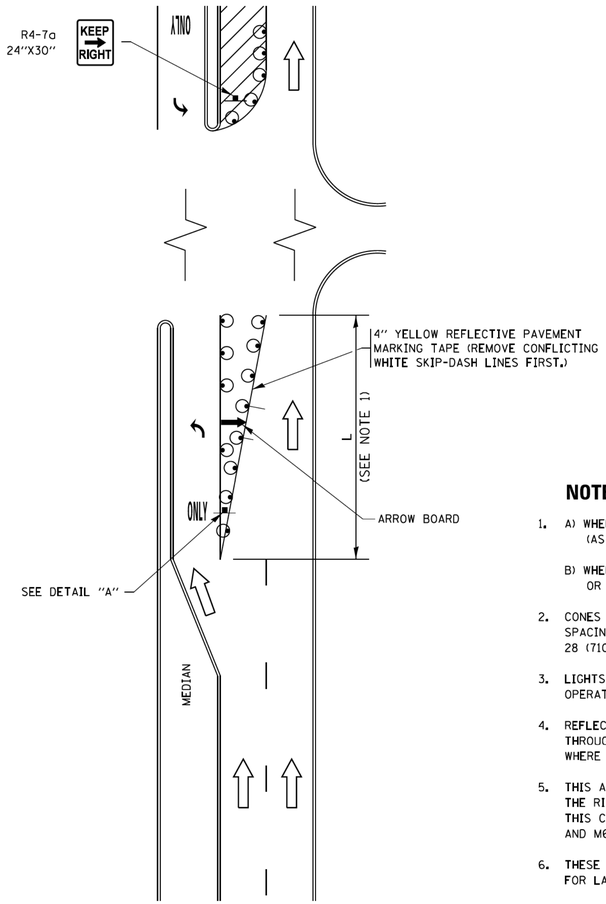


FIGURE 1

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- ARROW BOARD
- TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- SIGN ASSEMBLY
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

1. A) WHEN "L" IS ≤ 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.

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.

3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.

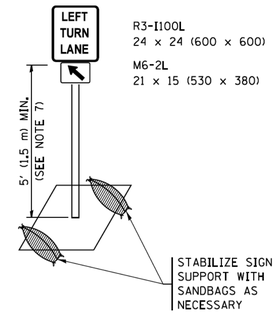
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.

5. 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.

6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.

7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.

8. 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.



DETAIL A

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

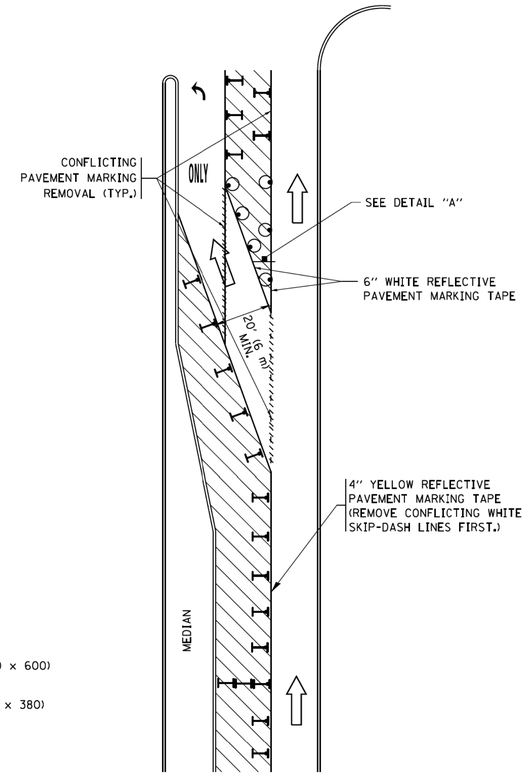


FIGURE 2

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

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\District 1 ADData\CAD\Highway\Default	USER NAME = footemj	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)
	PLOT SCALE = 50.0000 ' / in.	REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 07-01-13		
	PLOT DATE = 9/15/2016	REVISED -T. RAMMACHER 01-06-00	REVISED - A. SCHUETZE 09-15-16		SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

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

ic14.dgn 9/15/2016 12:48:24 PM User=footemj

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

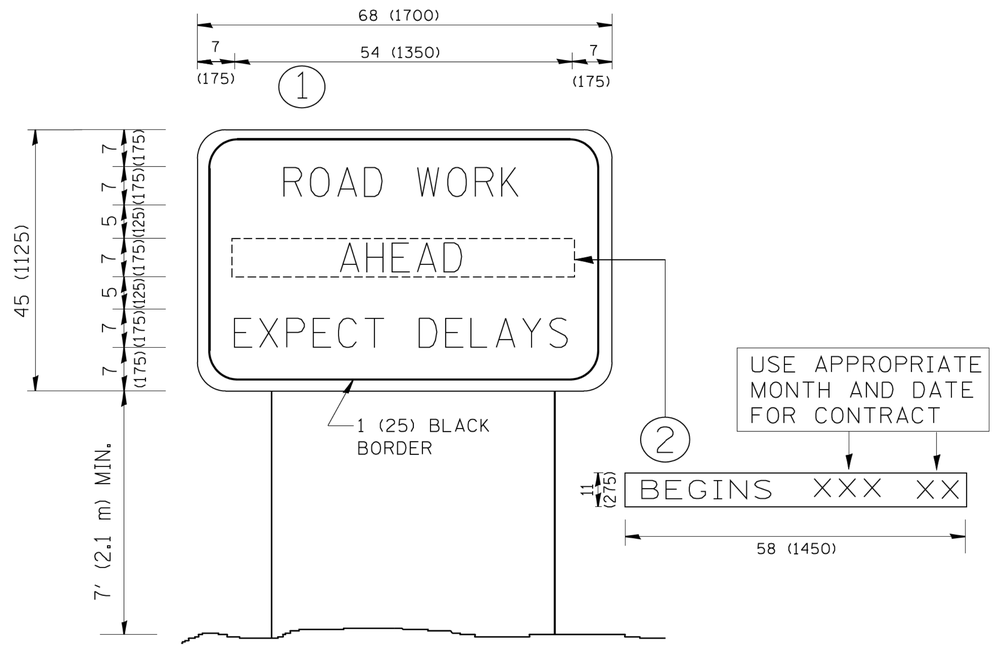
STANDARD DETAILS

IDOT STANDARD DETAILS

SCALE: N.T.S.

SHEET NO. 115

DATE:01/12/18



NOTES:

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 = W:\diststd\22x34\tc22.dgn	USER NAME = gaglianobt	DESIGNED -	REVISED - R. MIRS 09-15-97
		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD INFORMATION SIGN

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-22	CONTRACT NO.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CDOT
CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

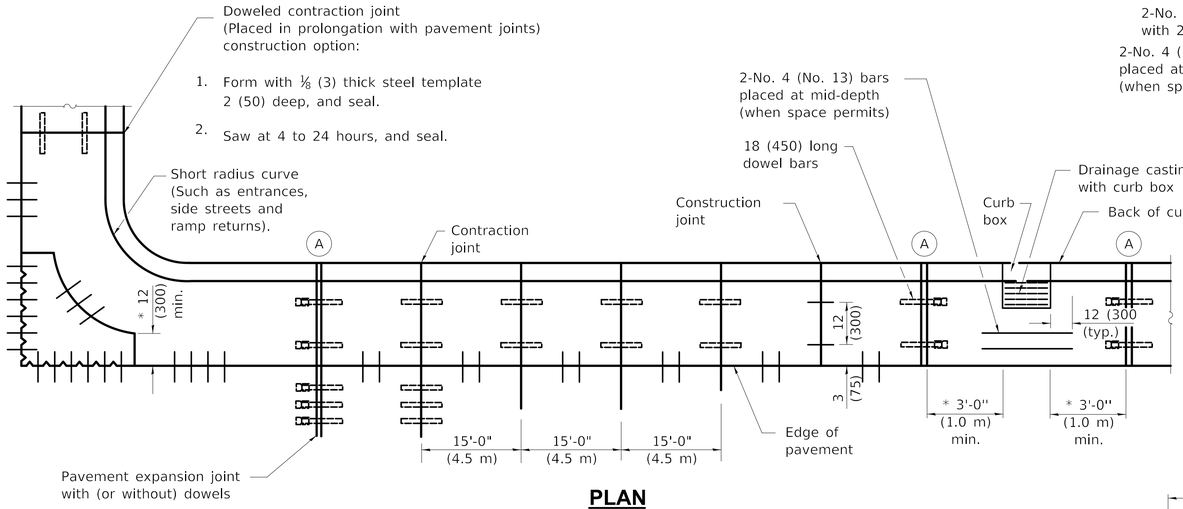
IDOT STANDARD DETAILS

SHEET NO. 116

STANDARD DETAILS

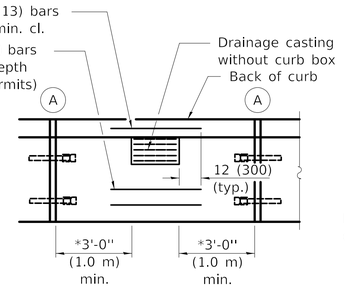
SCALE: N.T.S.

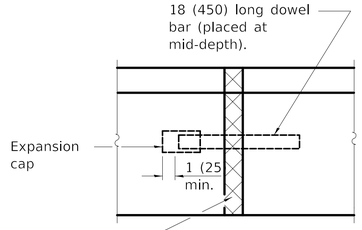
DATE:01/12/18



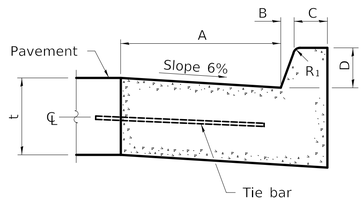
PLAN
ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE

* This dimension shall be adjusted to align with joint on the adjacent pavement





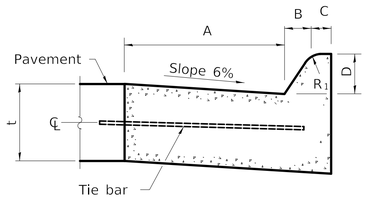
DETAIL Ⓐ
EXPANSION JOINT



BARRIER CURB

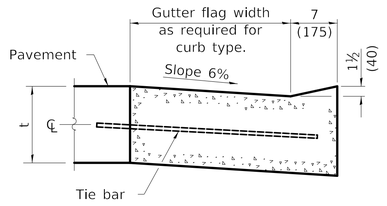
TABLE OF DIMENSIONS BARRIER CURB					
TYPE	A	B	C	D	R_1
B-6.06 * (B-15.15)	6 (150)	1 (25)	6 (150)	6 (150)	1 (25)
B-6.12 (B-15.3)	12 (300)	1 (25)	6 (150)	6 (150)	1 (25)
B-6.18 (B-15.45)	18 (450)	1 (25)	6 (150)	6 (150)	1 (25)
B-6.24 (B-15.60)	24 (600)	1 (25)	6 (150)	6 (150)	1 (25)
B-9.12 (B-22.30)	12 (300)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

* For corner islands only.

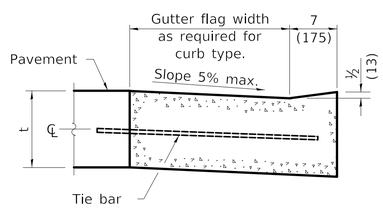


MOUNTABLE CURB

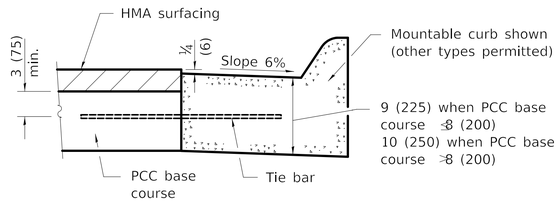
TABLE OF DIMENSIONS MOUNTABLE CURB						
TYPE	A	B	C	D	R_1	R_2
M-2.06 (M-5.15)	6 (150)	2 (50)	4 (100)	2 (50)	3 (75)	2 (50)
M-2.12 (M-5.30)	12 (300)	2 (50)	4 (100)	2 (50)	3 (75)	2 (50)
M-4.06 (M-10.15)	6 (150)	4 (100)	3 (75)	4 (100)	3 (75)	NA
M-4.12 (M-10.30)	12 (300)	4 (100)	3 (75)	4 (100)	3 (75)	NA
M-4.18 (M-10.45)	18 (450)	4 (100)	3 (75)	4 (100)	3 (75)	NA
M-4.24 (M-10.60)	24 (600)	4 (100)	3 (75)	4 (100)	3 (75)	NA
M-6.06 (M-15.15)	6 (150)	6 (150)	2 (50)	6 (150)	2 (50)	NA
M-6.12 (M-15.30)	12 (300)	6 (150)	2 (50)	6 (150)	2 (50)	NA
M-6.18 (M-15.45)	18 (450)	6 (150)	2 (50)	6 (150)	2 (50)	NA
M-6.24 (M-15.60)	24 (600)	6 (150)	2 (50)	6 (150)	2 (50)	NA



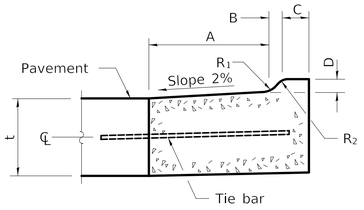
DEPRESSED CURB (TYPICAL)



DEPRESSED CURB ADJACENT TO CURB RAMP ACCESSIBLE TO THE DISABLED



ADJACENT TO PCC BASE COURSE WITH HMA SURFACING



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

GENERAL NOTES

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

t = Thickness of pavement.

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

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

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

See Standard 606301 for details of corner islands.

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

CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

(Sheet 1 of 2)

STANDARD 606001–07

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

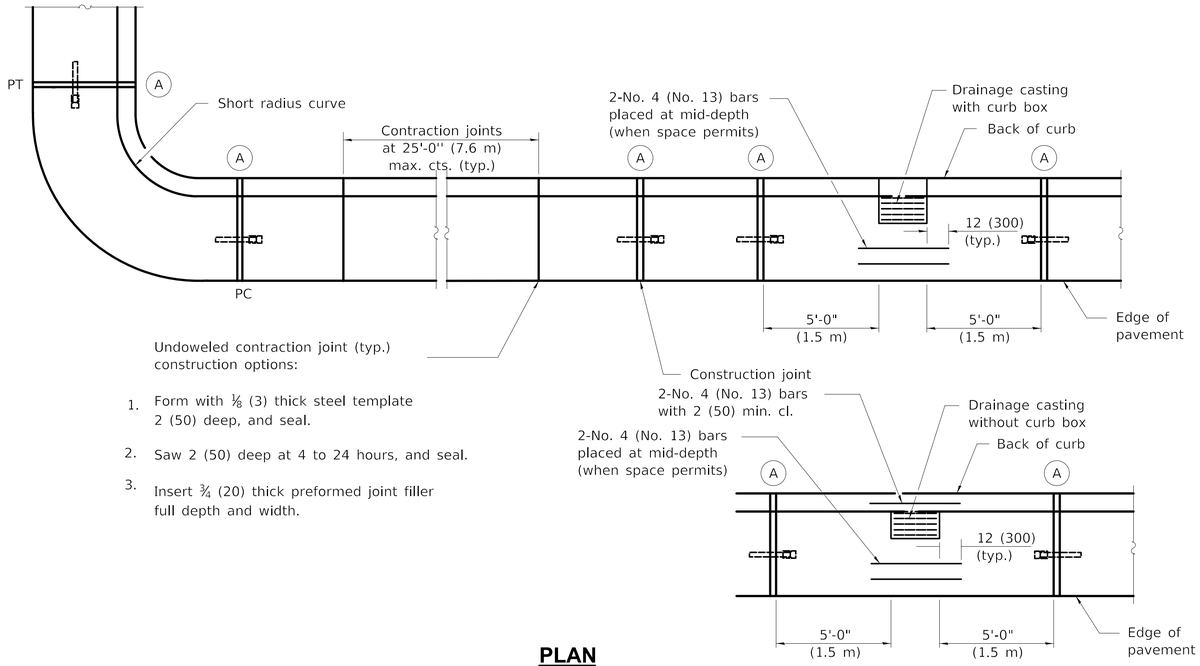
STANDARD DETAILS

IDOT STANDARD DETAILS

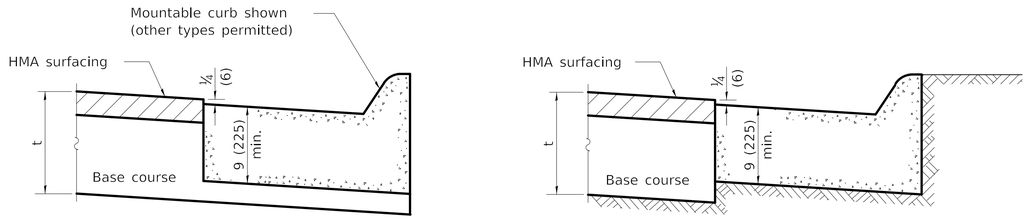
SCALE: N.T.S.

SHEET NO. 117

DATE:01/12/18



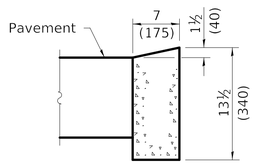
PLAN



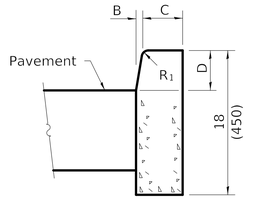
ON DISTURBED SUBGRADE

ON UNDISTURBED SUBGRADE

ADJACENT TO FLEXIBLE PAVEMENT

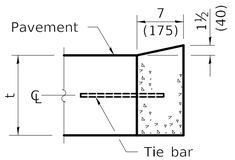


DEPRESSED CURB

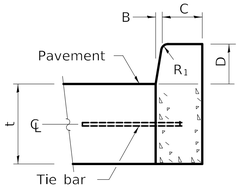


BARRIER CURB

ADJACENT TO FLEXIBLE PAVEMENT



DEPRESSED CURB



BARRIER CURB

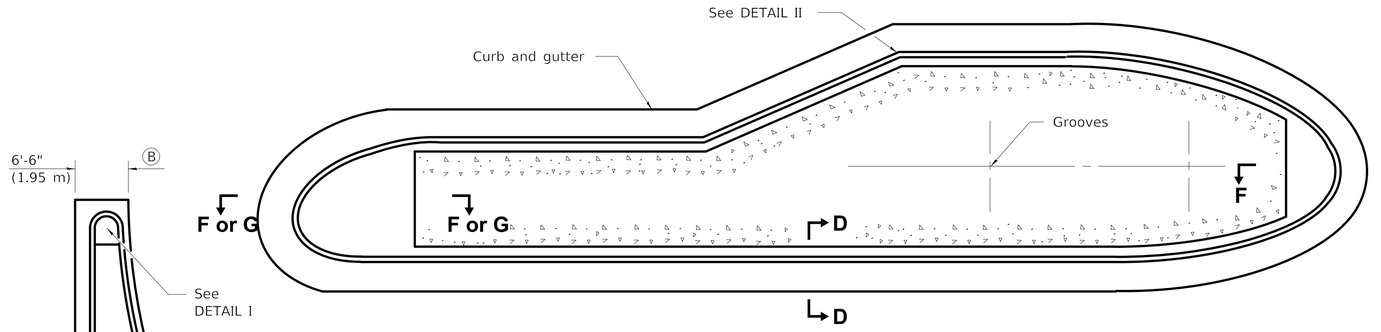
ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE

CONCRETE CURB TYPE B

CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

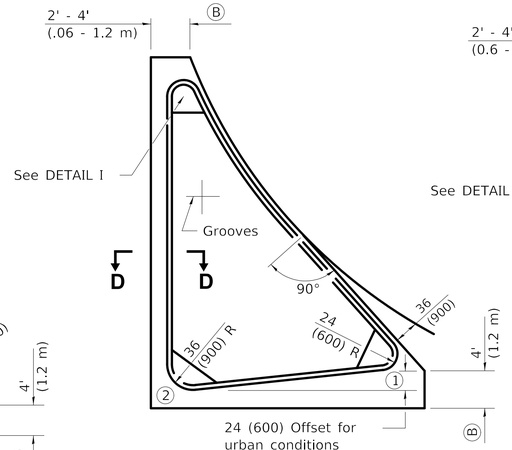
(Sheet 2 of 2)

STANDARD 606001–07



LARGE ISLAND

(FREE FLOW DESIGN)

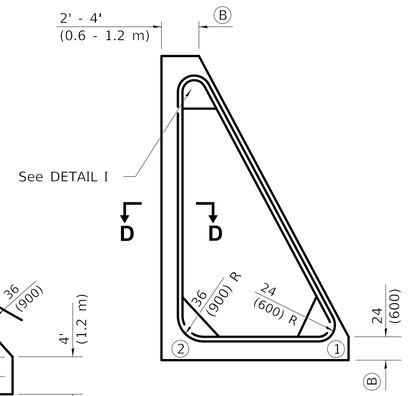


INTERMEDIATE ISLAND

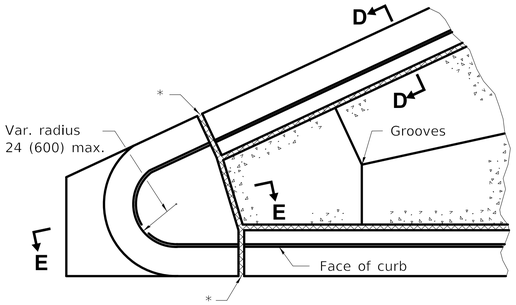
(FOR RIGHT TURN LANE DESIGN)

TYPICAL PLANS OF CORNER ISLANDS

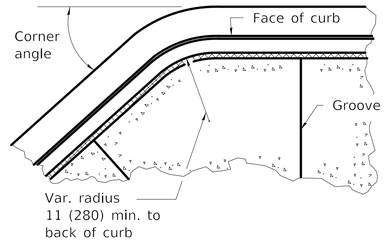
(SEE SHEET 2 FOR DETAILS OF RAMPED NOSES)



SMALL ISLAND



DETAIL I

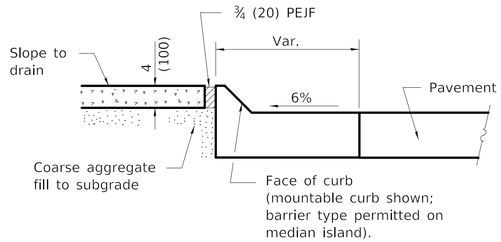


DETAIL II

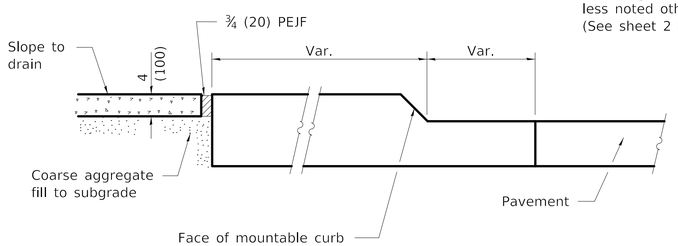
Typical detail when corner angle is less than 90° and for other corners with radius greater than 24 (600).

NOTE:
The blockouts (B) for the islands shall be extended so that the termination will line up with proposed or existing pavement joint.

Noses (1) and (2) shall be ramped unless noted otherwise on the plans. (See sheet 2 for length)



SECTION D-D



SECTION E-E

GENERAL NOTES

PEJF = Preformed expansion joint filler.

Median layout and radii shall be as shown on the plans.

Keyed longitudinal construction joints shall be constructed without tie bars.

See Standard 420001 and 606001 for details not shown.

* ¾ (20) PEJF conforming to the full cross section of the curb, gutter and median surface.

X = PCC base course plus HMA thickness.

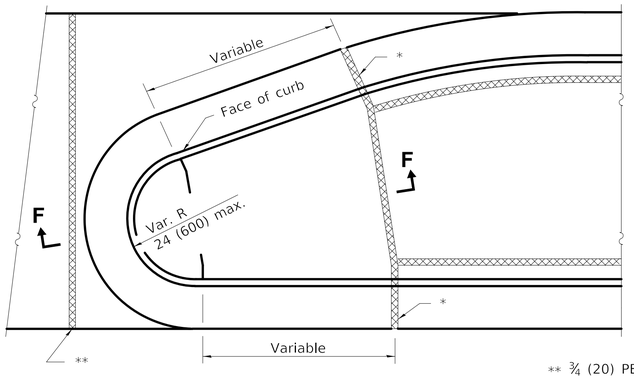
t = Pavement or pcc base course thickness.

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

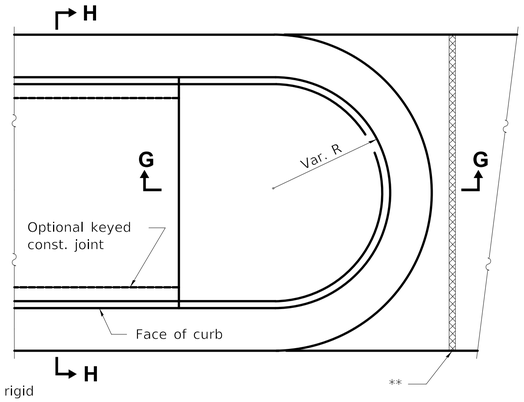
PCC CONCRETE ISLANDS AND MEDIANS

(Sheet 1 of 2)

STANDARD 606301–04



TYPE P MEDIAN SURFACE



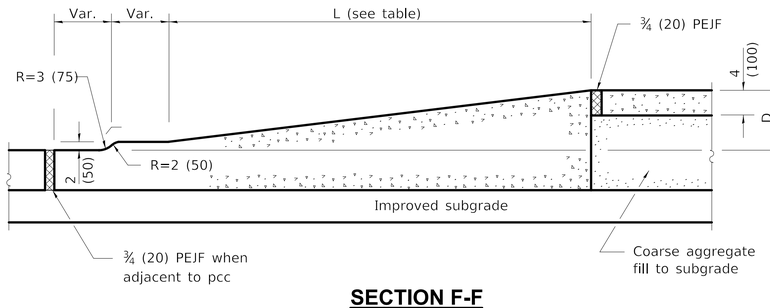
SOLID MEDIAN

** ¾ (20) PEJF between rigid pavement and median end. Align with joint in adjacent pavement.

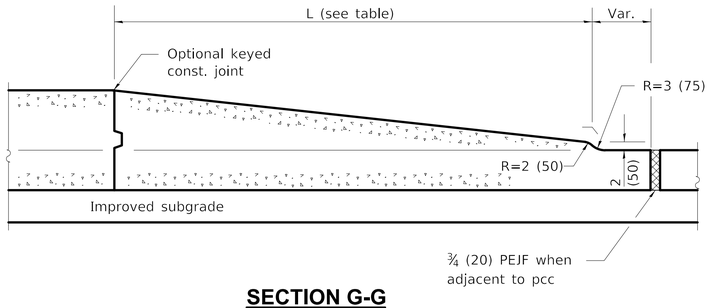
TABLE OF DIMENSIONS TYPE SB MEDIANS					
TYPE	A	B	C	D	R_1
SB-6.06 (SB-15.15)	6 (150)	1 (25)	6 (150)	6 (150)	1 (25)
SB-6.12 (SB-15.30	12 (300)	1 (25)	6 (150)	6 (150)	1 (25)
SB-6.18 (SB-15.45)	18 (450)	1 (25)	6 (150)	6 (150)	1 (25)
SB-6.24 (SB-15.60)	24 (600)	1 (25)	6 (150)	6 (150)	1 (25)
SB-9.06 (SB-22.15)	6 (150)	2 (50)	5 (125)	9 (225)	1 (25)
SB-9.12 (SB-22.30)	12 (300)	2 (50)	5 (125)	9 (225)	1 (25)
SB-9.18 (SB-22.45)	18 (450)	2 (50)	5 (125)	9 (225)	1 (25)
SB-9.24 (SB-22.60)	24 (600)	2 (50)	5 (125)	9 (225)	1 (25)

TABLE OF DIMENSIONS TYPE M AND SM MEDIANS					
TYPE	A	B	C	D	R_1
M-2.06 (M-5.15)	6 (150)	2 (50)	4 (100)	2 (50)	2 (50)
M-2.12 (M-5.30)	12 (300)	2 (50)	4 (100)	2 (50)	2 (50)
SM-4.06 (SM-10.15)	6 (150)	4 (100)	3 (75)	4 (100)	3 (75)
SM-4.12 (SM-10.30)	12 (300)	4 (100)	3 (75)	4 (100)	3 (75)
SM-4.18 (SM-10.45)	18 (450)	4 (100)	3 (75)	4 (100)	3 (75)
SM-4.24 (SM-10.60)	24 (600)	4 (100)	3 (75)	4 (100)	3 (75)
SM-6.06 (SM-15.15)	6 (150)	6 (150)	2 (50)	6 (150)	2 (50)
SM-6.12 (SM-15.30)	12 (300)	6 (150)	2 (50)	6 (150)	2 (50)
SM-6.18 (SM-15.45)	18 (450)	6 (150)	2 (50)	6 (150)	2 (50)
SM-6.24 (SM-15.60)	24 (600)	6 (150)	2 (50)	6 (150)	2 (50)

PLAN
(RAMPED NOSES)

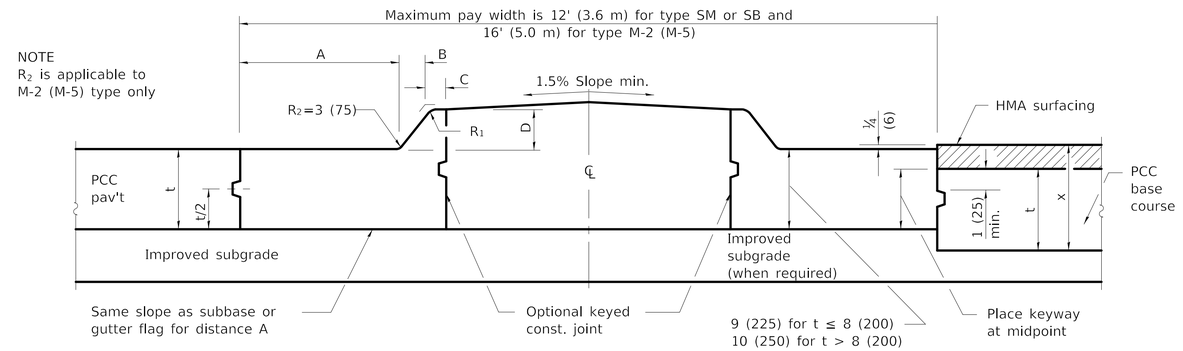


SECTION F-F



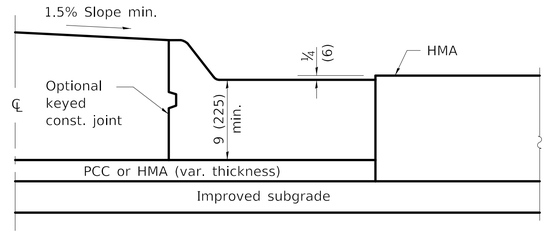
SECTION G-G

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)



HALF SECTION FOR PCC PAVEMENT

HALF SECTION FOR PCC BASE COURSE

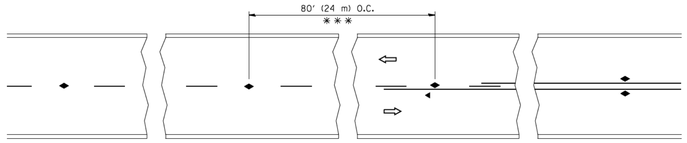


HALF SECTION FOR FLEXIBLE PAVEMENT

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

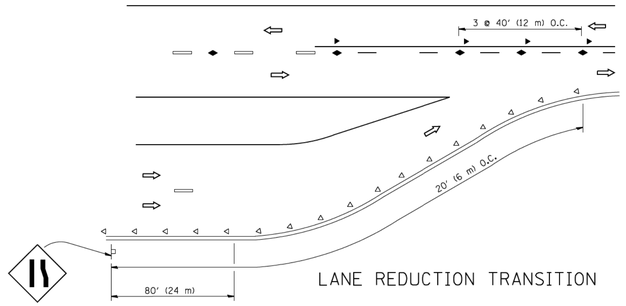
PCC CONCRETE ISLANDS AND MEDIANS
(Sheet 2 of 2)

STANDARD 606301–04

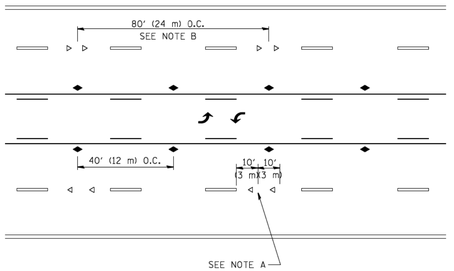


* * * REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

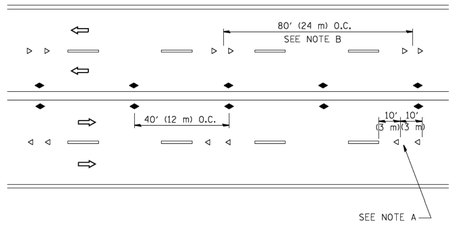
TWO-LANE/TWO-WAY



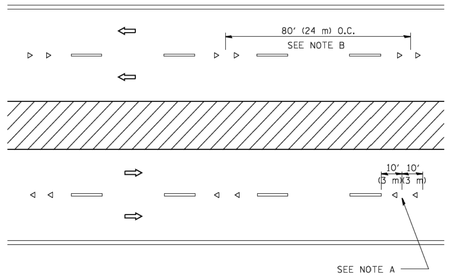
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



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.

SYMBOLS

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

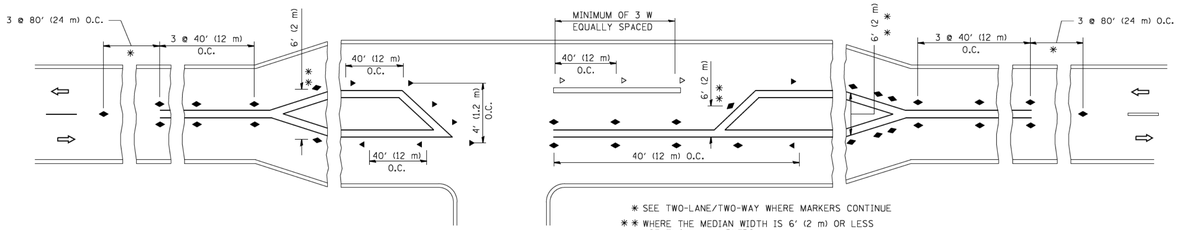
LANE MARKER NOTES

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.

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.

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		DRAWN -	REVISED - T. RAMMACHER 03-12-99		
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - T. RAMMACHER 01-06-00		
	PLOT DATE = 3/2/2011	DATE -	REVISED - C. JUCIUS 09-09-09		SCALE: NONE / SHEET NO. 1 OF 1 SHEETS / STA. / TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-11	CONTRACT NO.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS

NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

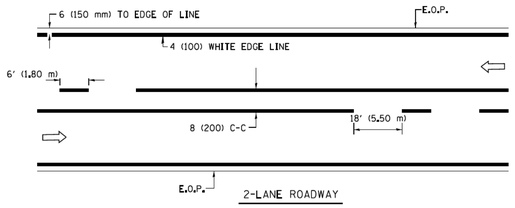
STANDARD DETAILS

IDOT STANDARD DETAILS

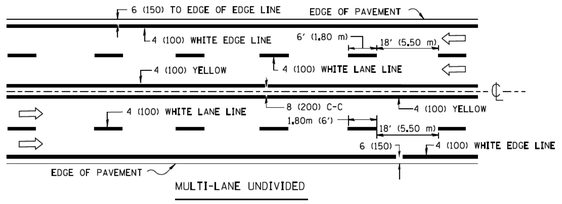
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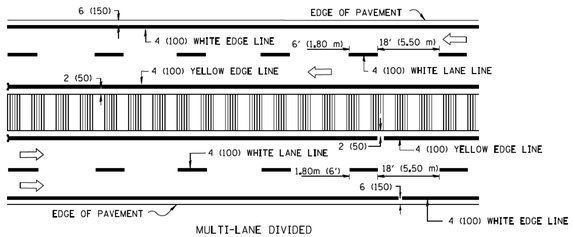
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2-LANE ROADWAY



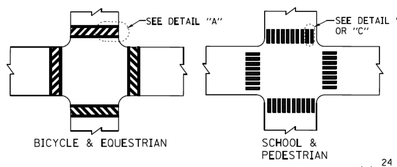
MULTI-LANE UNDIVIDED

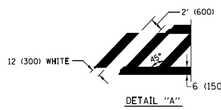


MULTI-LANE DIVIDED
WITH MOUNTABLE MEDIAN

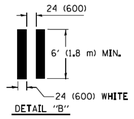
NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING

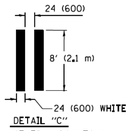




DETAIL "A"

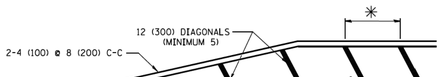


DETAIL "B"



DETAIL "C"
CENTRAL DOWNTOWN
BUSINESS DISTRICT

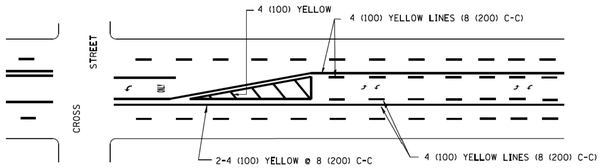
TYPICAL CROSSWALK MARKING



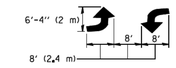
* FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

PAINTED MEDIANS

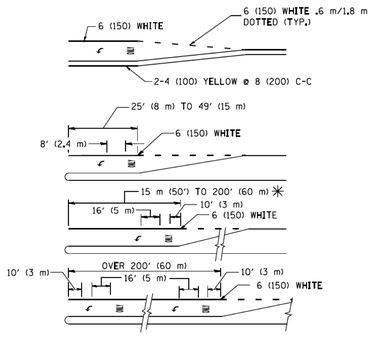


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

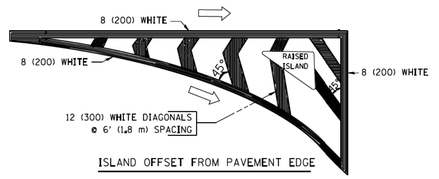


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.8 SQ. FT. (1.47 m²) **ONLY** AREA = 22.9 SQ. FT. (2.13 m²)

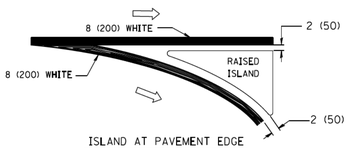
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



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 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.
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. (0.33m²) EACH "X"=54.0 SQ. FT. (5.0 m²)

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.

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		DRAWN -	REVISED - K. ENG 02-28-12
	PLOT SCALE = 50.000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO
TYPICAL PAVEMENT MARKINGS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-24	CONTRACT NO.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

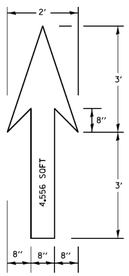
STANDARD DETAILS

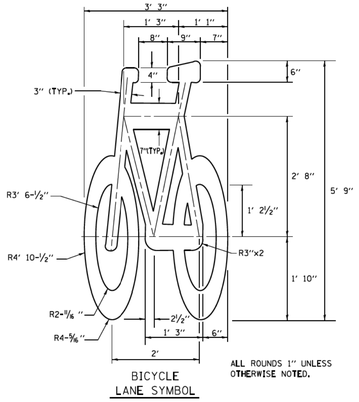
IDOT STANDARD DETAILS

SCALE: N.T.S.

SHEET NO. 122

DATE: 01/12/18





BICYCLE
LANE SYMBOL

ALL ROUNDS 1" UNLESS OTHERWISE NOTED.

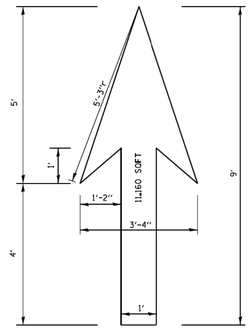
NOTE:

1.) FOR BIKE LANE SYMBOLS ONLY, USE PRE-FORMED THERMOPLASTIC WITH A MINIMUM THICKNESS OF 90 MILS, MINIMUM SKID RESISTANCE VALUE OF 60 BPN, & A MINIMUM INDEX OF REFRACTION OF 1.50.

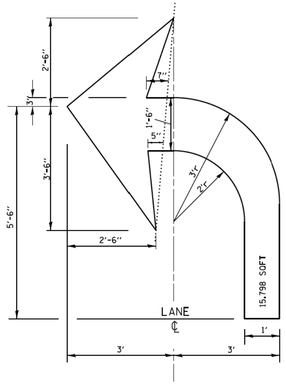
2.) THE RESIDENT ENGINEER SHALL CONTACT MR. BEN GOMBERG AT 312-744-8093 AT LEAST ONE CALENDAR WEEK PRIOR TO INSTALLING BIKE LANE SYMBOLS.

TYPICAL BIKE LANE SYMBOLS
DRAWING #28

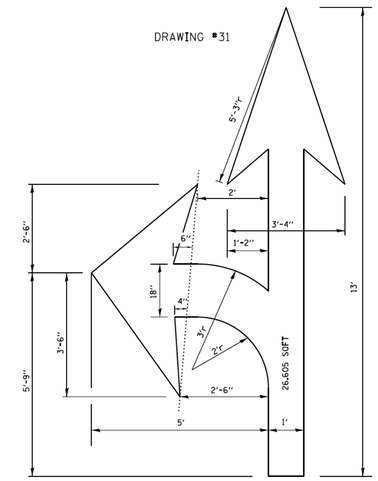
DRAWING #29



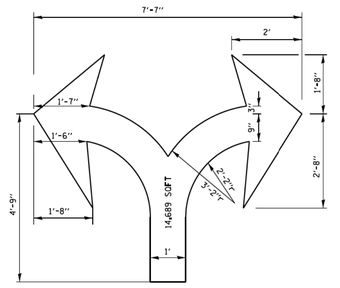
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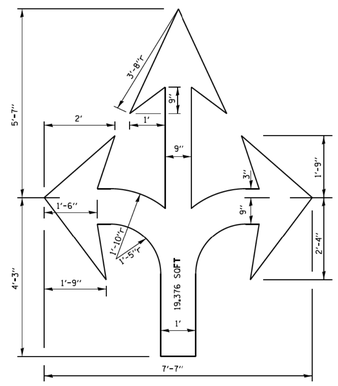
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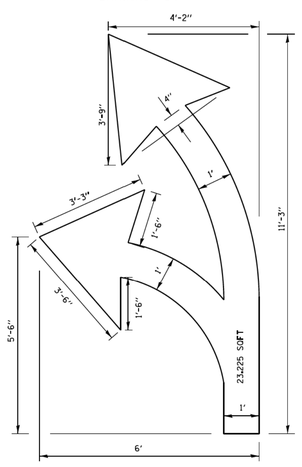
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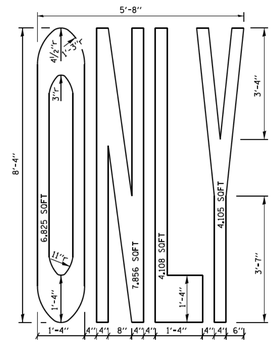
DRAWING #33



DRAWING #34



DRAWING #35



NOTE:
ALL MARKINGS SHALL BE SOLID WHITE UNLESS OTHERWISE NOTED IN THE PLANS

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	PLOT DATE = 3/29/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO
TYPICAL PAVEMENT MARKINGS

SCALE: NONE | SHEET NO. 2 OF 3 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-24	CONTRACT NO.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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CDOT
CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

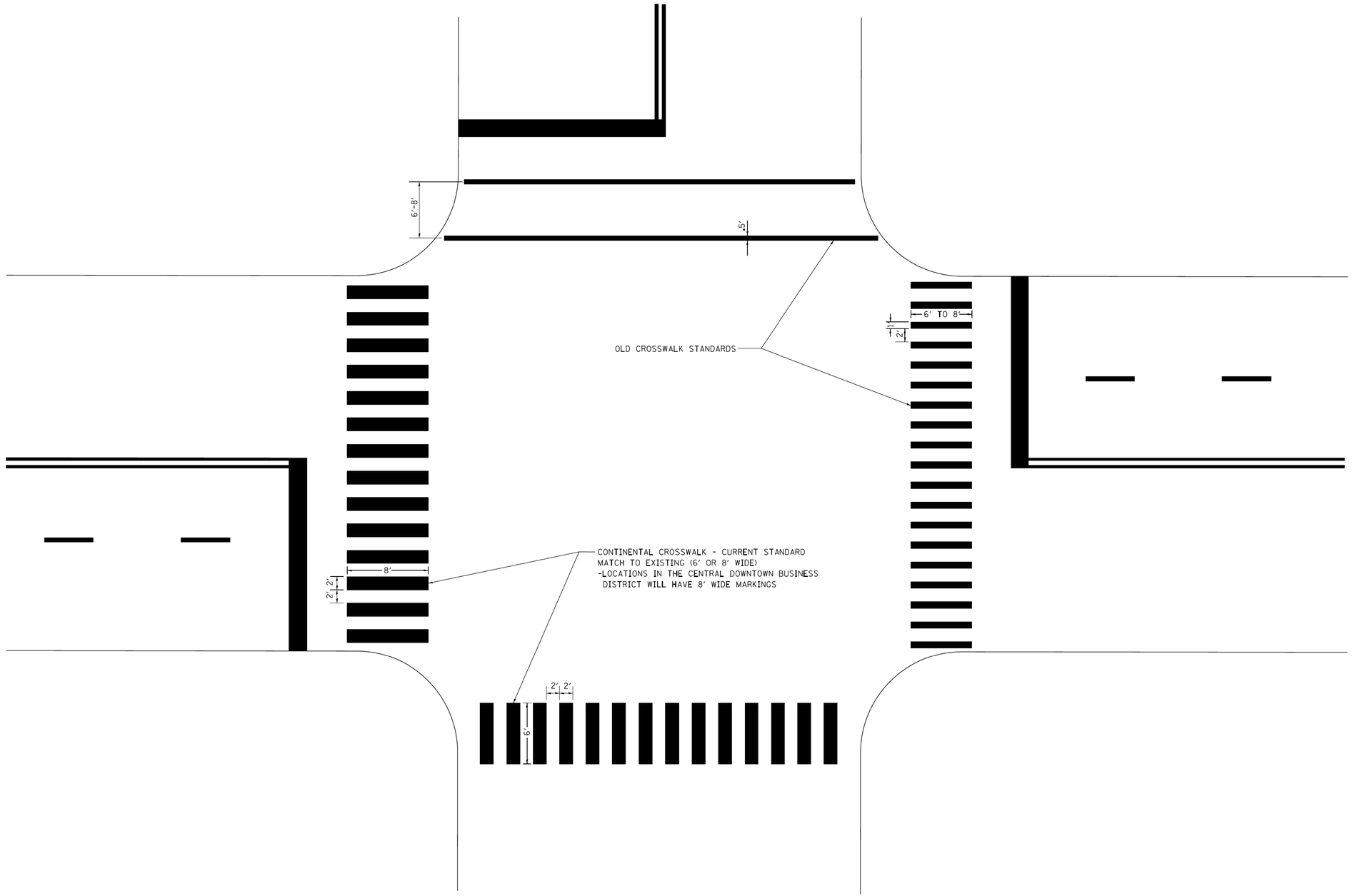
STANDARD DETAILS

IDOT STANDARD DETAILS

SCALE: N.T.S.

SHEET NO. 123

DATE: 01/12/18



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REVISIONS			
NO.	BY	DATE	DESCRIPTION

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CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

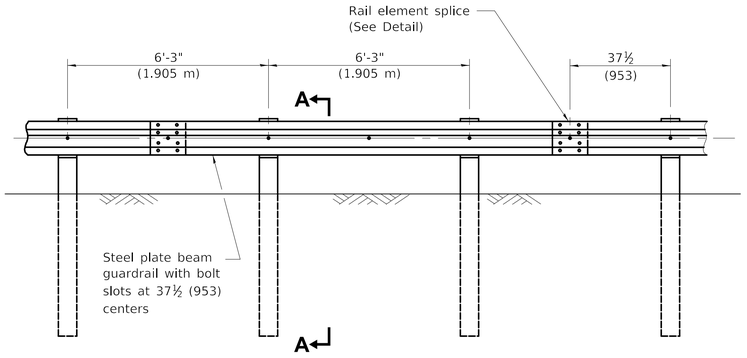
STANDARD DETAILS

IDOT STANDARD DETAILS

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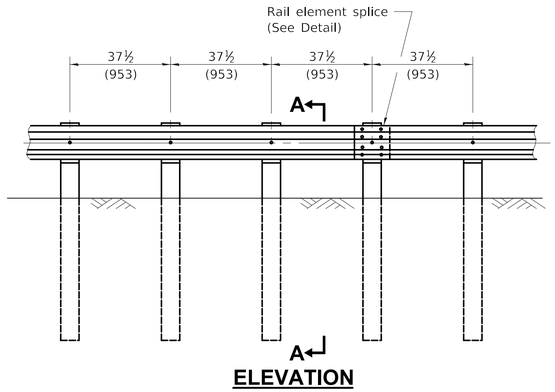
DATE: 01/12/18



ELEVATION

TYPE A

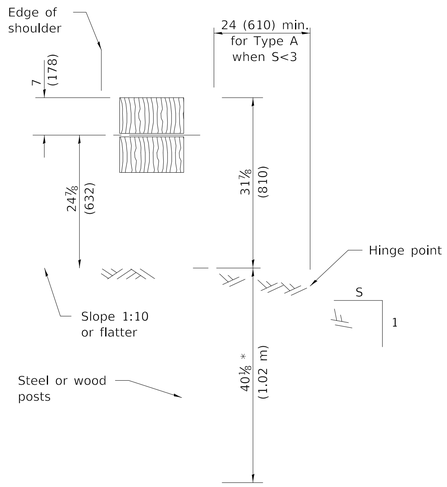
6'-3" (1.905 m) Typical post spacing



ELEVATION

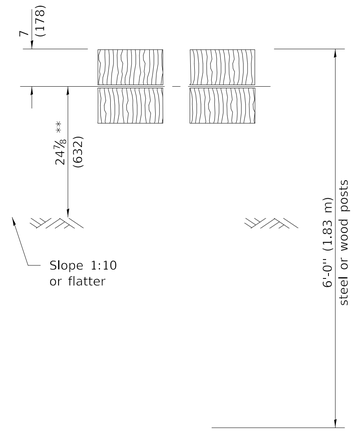
TYPE B

37½ (953) Closed post spacing



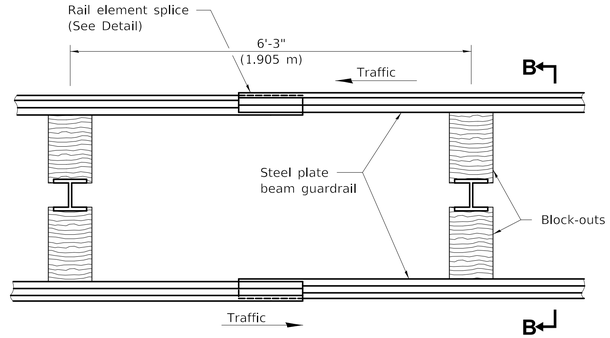
SECTION A-A

* 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 76⅛ (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

CDOT
CHICAGO DEPARTMENT
OF TRANSPORTATION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

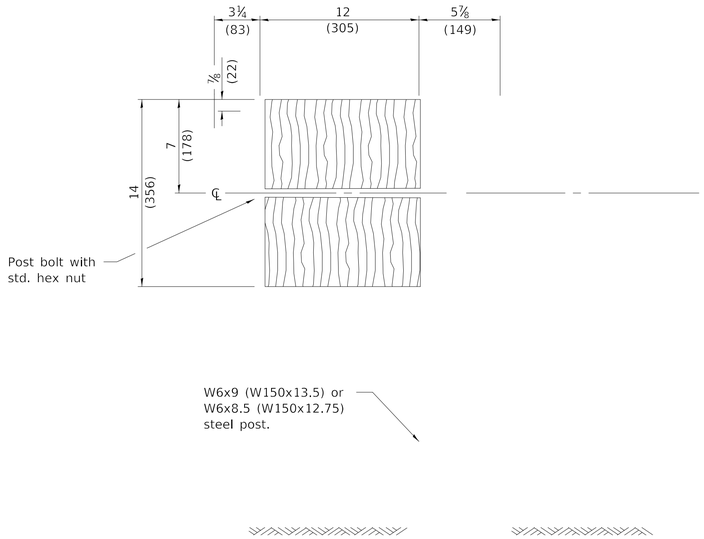
STANDARD DETAILS

IDOT STANDARD DETAILS

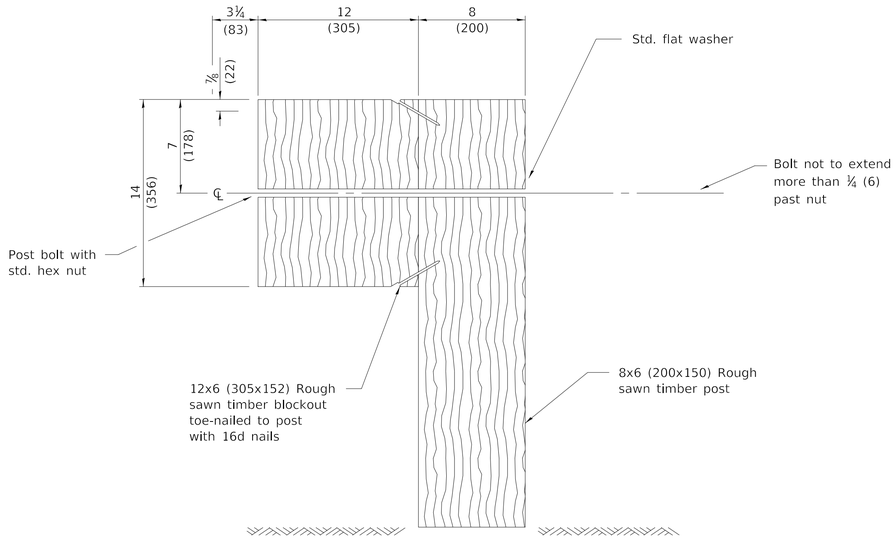
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SHEET NO.
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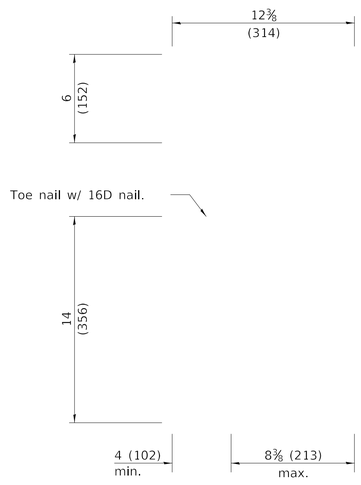
DATE:01/12/18



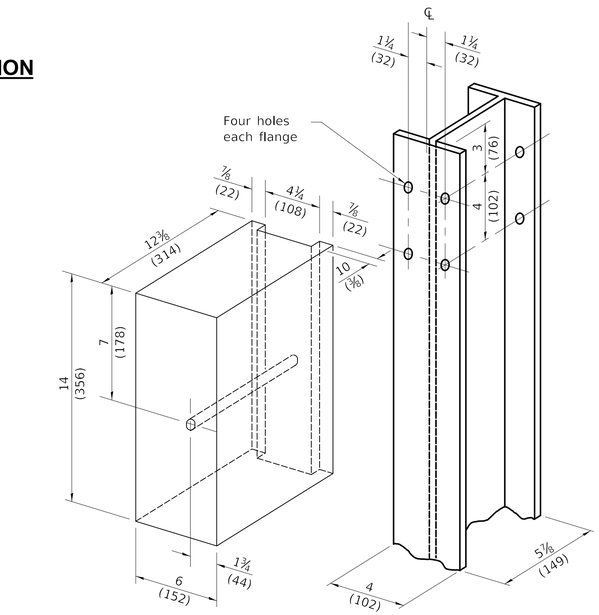
STEEL POST CONSTRUCTION



WOOD POST CONSTRUCTION

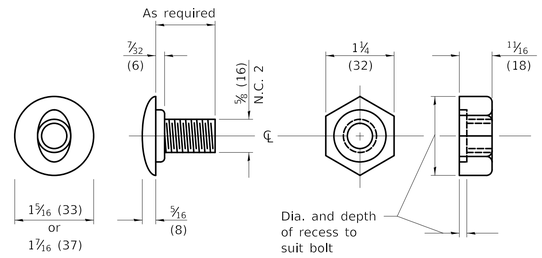


TWO-PIECE WOOD BLOCKOUT OPTION



Note:
All holes ¾ (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

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

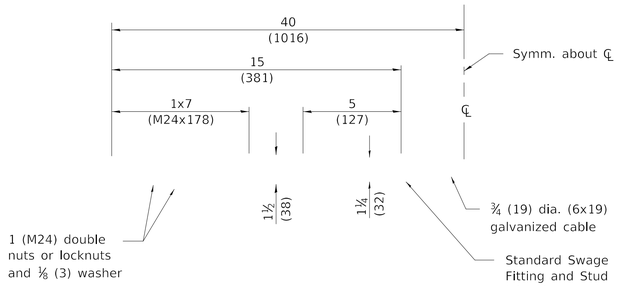
STANDARD DETAILS

IDOT STANDARD DETAILS

SCALE: N.T.S.

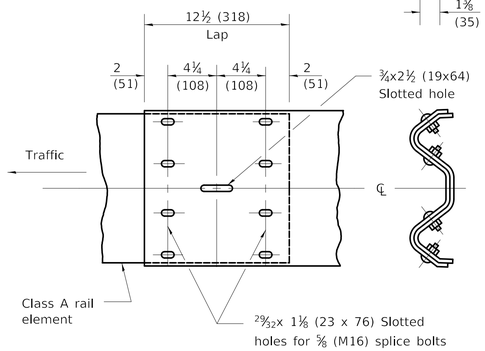
SHEET NO. 126

DATE:01/12/18

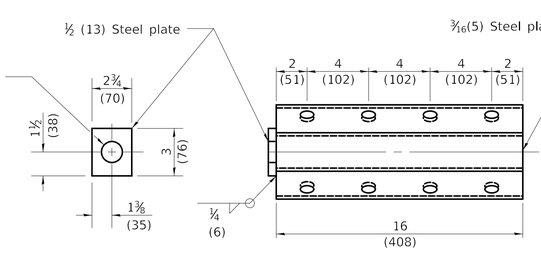


CABLE ASSEMBLY

(42,800 lbs. (190 kN) min. breaking strength)
Tighten to taut tension.

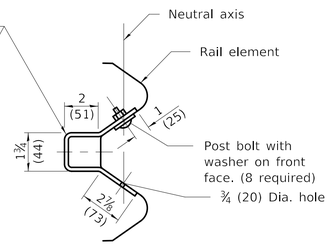


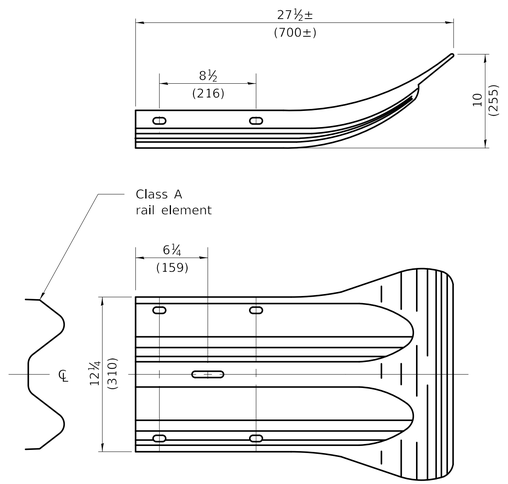
RAIL ELEMENT SPLICE



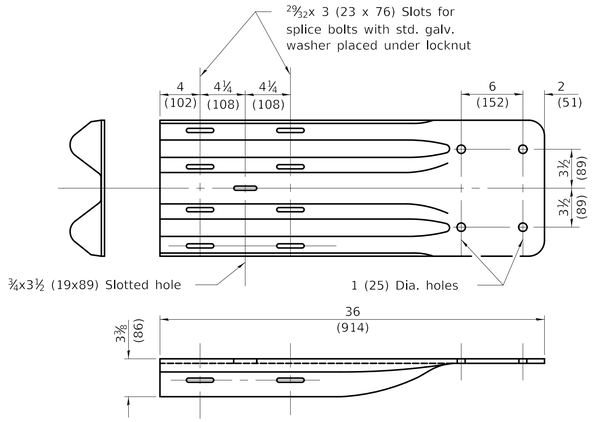
NOTE
Anchor plate T shall be used to attach cable assembly to guardrail when required on traffic barrier terminals.

ANCHOR PLATE T DETAILS





END SECTION

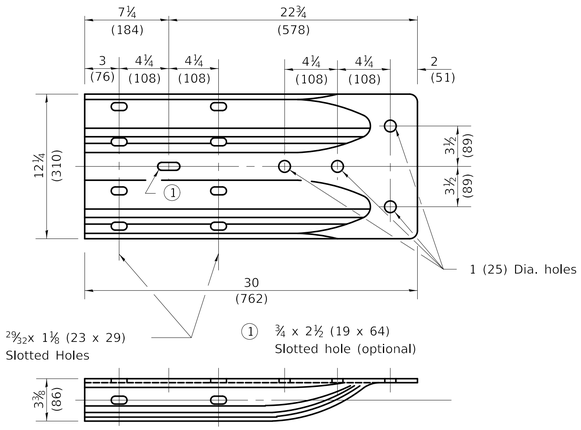


NOTE
When end shoe is attached to a bridge parapet which has an expansion joint, the bolts shall be provided with a locknut or double nut and shall be tightened only to a point that will allow guardrail movement.

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

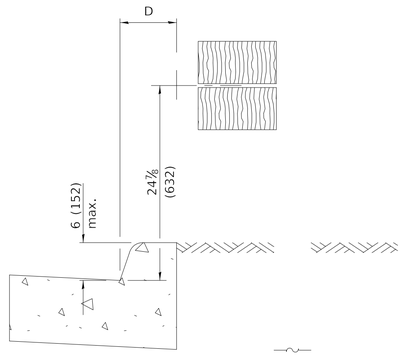


ALTERNATE END SHOE

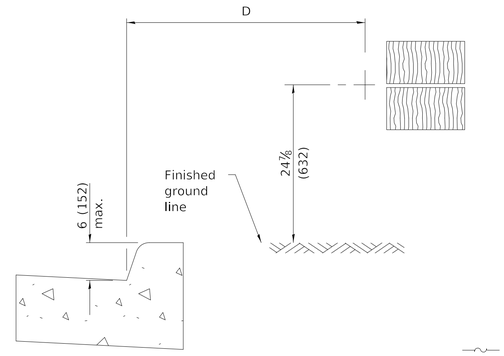
STEEL PLATE BEAM GUARDRAIL

(Sheet 3 of 4)

STANDARD 630001-12



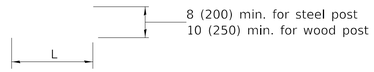
0 ≤ D < 6 (150 m)



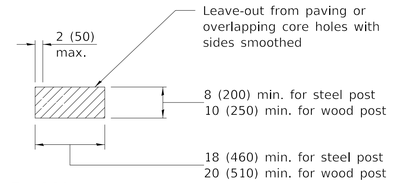
4'-0" (1.2 m) ≤ D ≤ 12'-0" (3.7 m)

GUARDRAIL PLACED BEHIND CURB

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

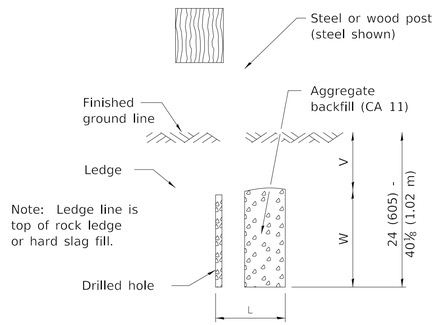


PLAN



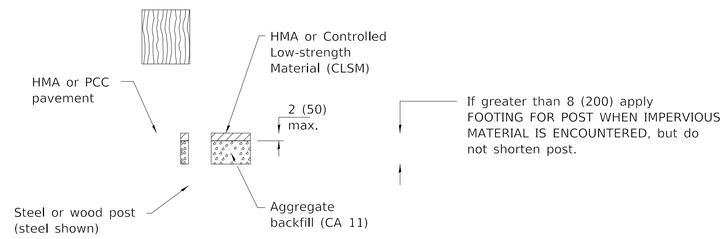
PLAN

V	W	L	
		Steel Post	Wood Post
0 - 6 (0 - 152)	24 (610)	21 (530)	23 (580)
> 6 - 18 (> 152 - 458)	18 (458)	14½ (368)	16½ (419)
> 18 - 31 (> 458 - 787)	12 (305)	8 (203)	10 (250)
> 31 - 40⅛ (> 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

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

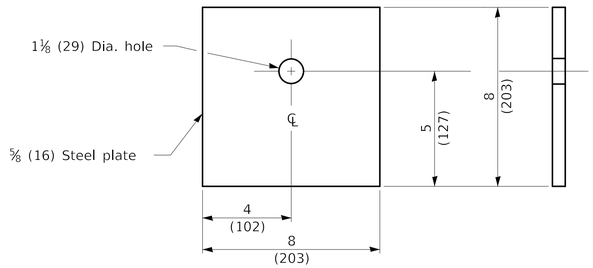
STANDARD DETAILS

IDOT STANDARD DETAILS

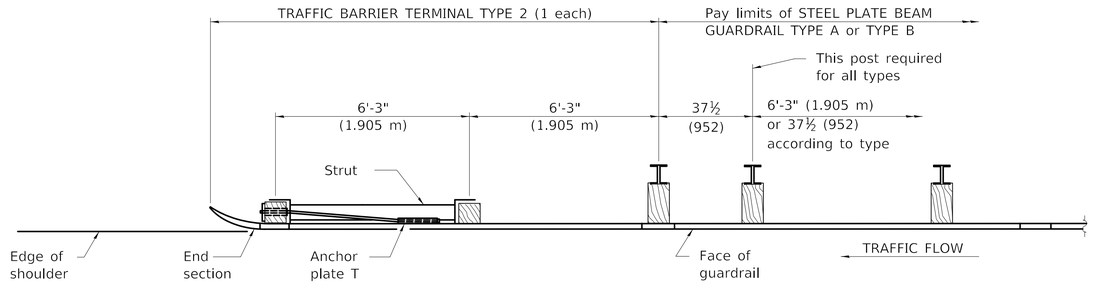
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SHEET NO. 128

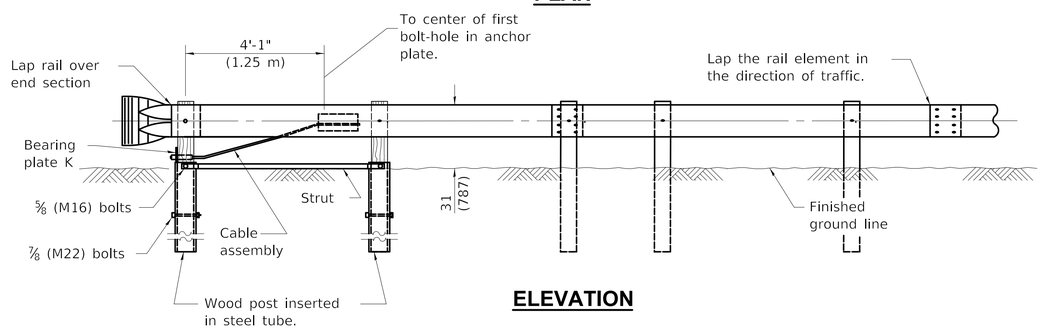
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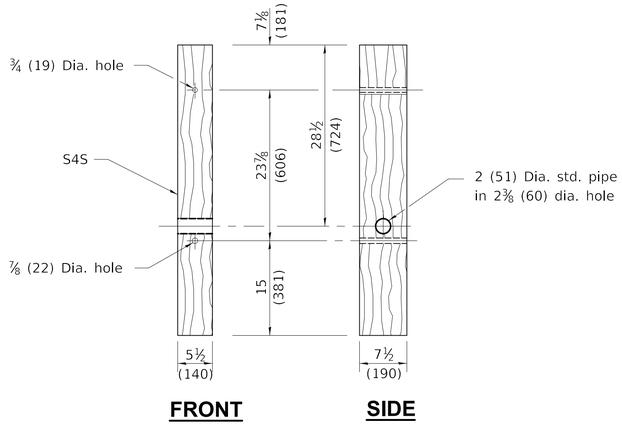
BEARING PLATE K



PLAN

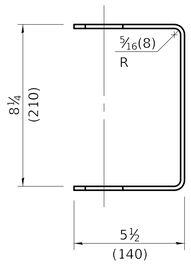


ELEVATION



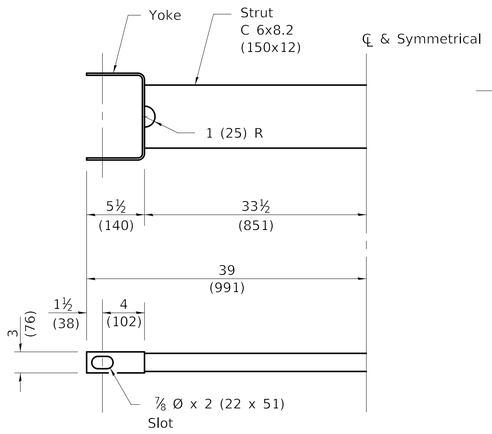
FRONT SIDE

WOOD POST

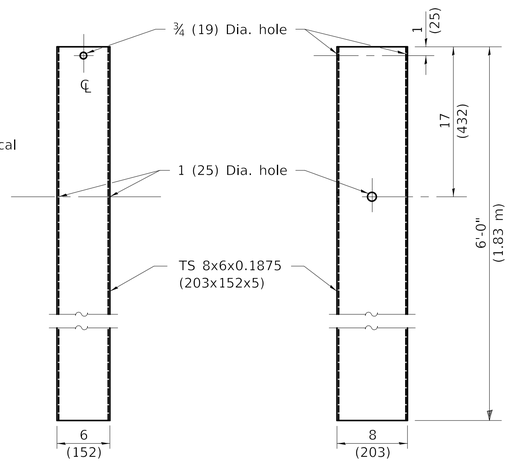


YOKE

⅜16 (5) thick steel



CABLE STRUT



FRONT SIDE

STEEL TUBE

GENERAL NOTES

See Standard 630001 for details of guardrail not shown.

The bearing plate K shall be held in position by two eight penny nails driven into the post and bent over the top of the plate.

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

TRAFFIC BARRIER TERMINAL, TYPE 2

STANDARD 631011-10

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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CITY OF CHICAGO
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DIVISION OF ENGINEERING

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NORTH AREA B-4-152

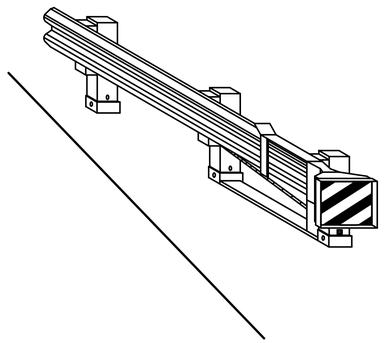
STANDARD DETAILS

IDOT STANDARD DETAILS

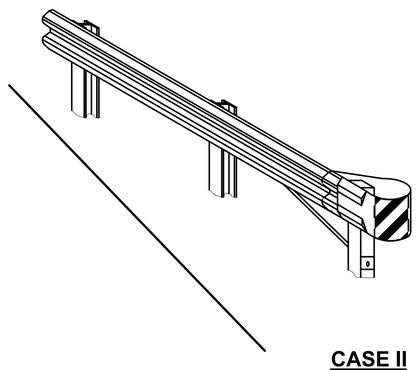
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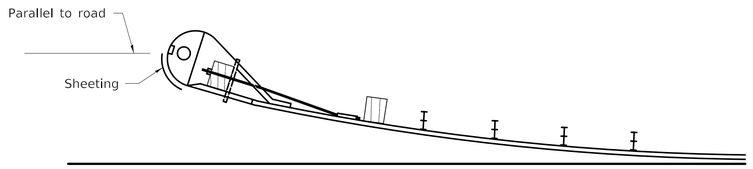
DATE:01/12/18



CASE I



CASE II



SHEETING POSITION: CASE II



DIMENSION	CASE I	CASE II
a	*	18 (450)
b	*	16 (406)

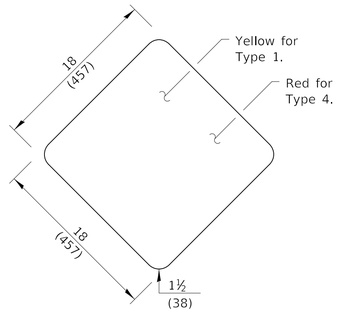
DIRECT APPLIED

POST MOUNTED

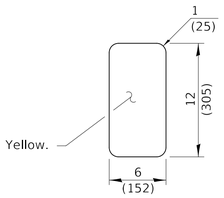
TERMINAL MARKER DETAILS

Color: Black / Yellow reflectorized

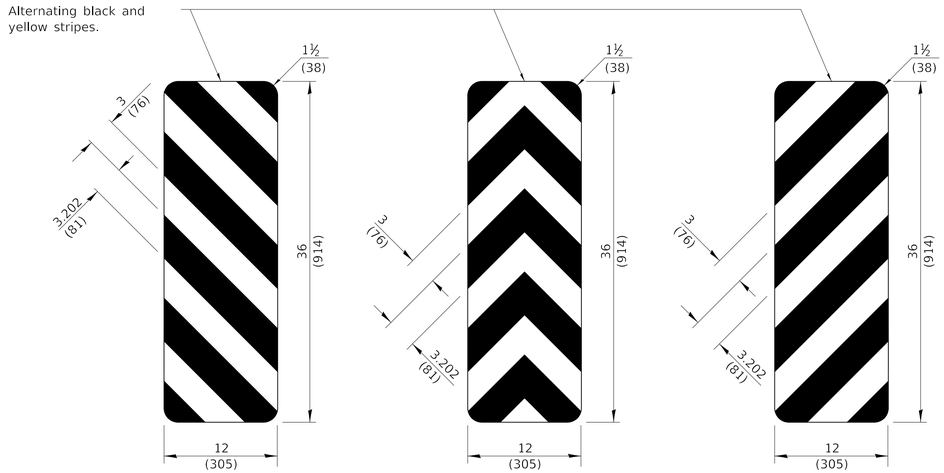
* The width and height (a, b) of the terminal marker shall be within approximately 1 (25) of the outer edge of the terminal end.



TYPE 1 OR TYPE 4



TYPE 2



TYPE 3

OBJECT MARKER DETAILS

GENERAL NOTES

See detail on Standard 729001 for mounting markers to posts.

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

OBJECT AND TERMINAL MARKERS

STANDARD 725001-01

CDOT
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2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

STANDARD DETAILS

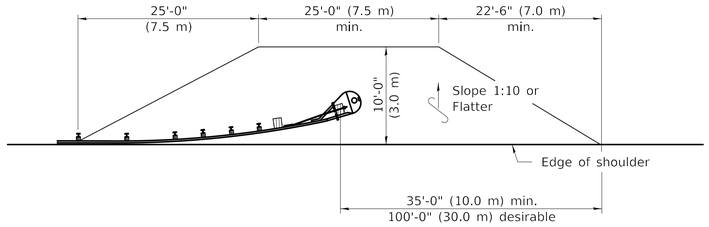
IDOT STANDARD DETAILS

SCALE: N.T.S.

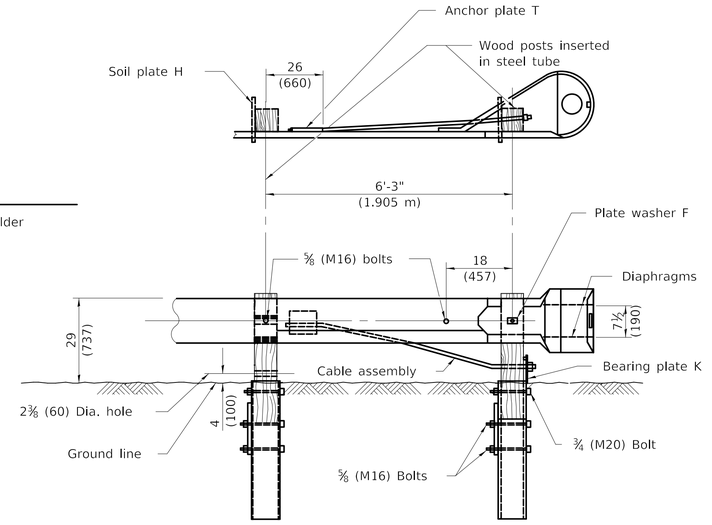
SHEET NO.
130

DATE:01/12/18

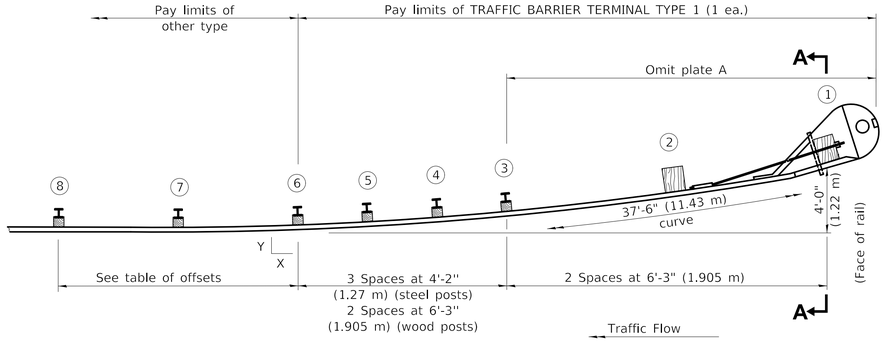
OFFSETS TO FACE OF RAIL		
Post	X ft (m)	Y ft (m)
①	37.22 (11.345)	4.0 (1.22)
②	31.09 (9.475)	2.79 (0.850)
③	24.92 (7.595)	1.79 (0.545)
④	20.79 (6.335)	1.25 (0.380)
⑤	16.64 (5.070)	0.80 (0.245)
⑥	12.49 (3.805)	0.45 (0.135)
⑦	6.25 (1.905)	0.11 (0.035)
⑧	0.00 (0.00)	0.00 (0.00)



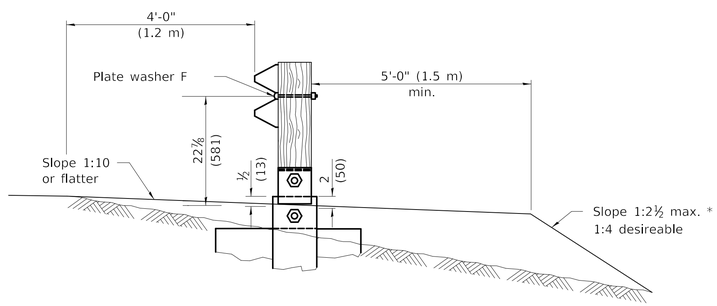
SHOULDER WIDENING TRANSITION



WOOD BREAKAWAY POSTS TUBULAR STEEL FOUNDATIONS



PLAN



SECTION A-A

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

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

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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CITY OF CHICAGO
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2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

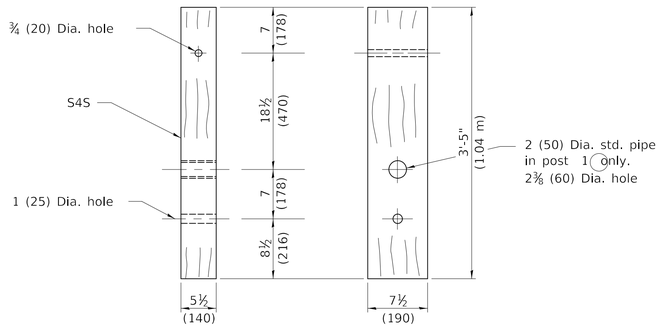
STANDARD DETAILS

IDOT STANDARD DETAILS

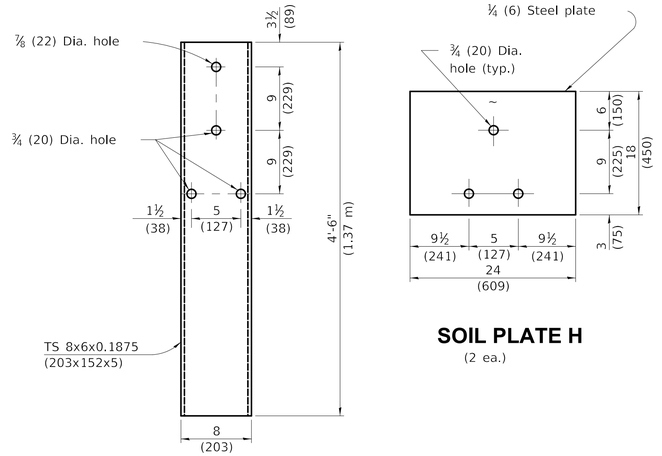
SCALE: N.T.S.

SHEET NO. 131

DATE: 01/12/18



WOOD BREAKAWAY POST
(2 ea.)



STEEL TUBE
(2 ea.)

SOIL PLATE H
(2 ea.)

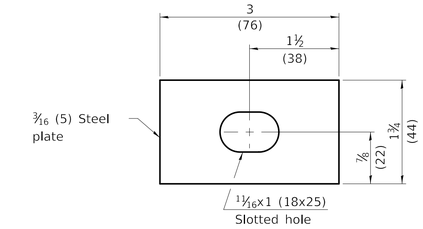
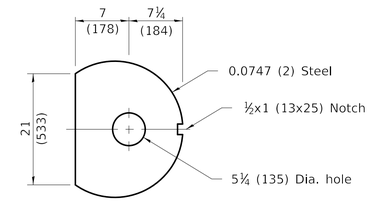
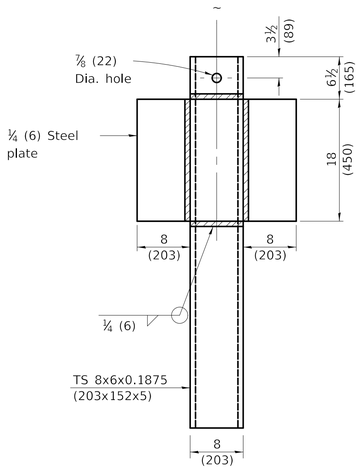


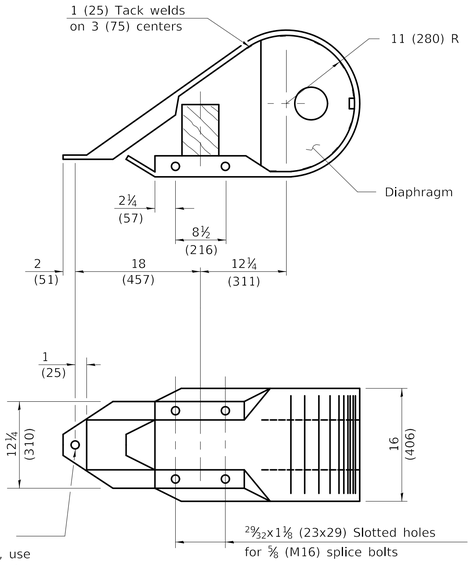
PLATE WASHER F
(1 ea.)



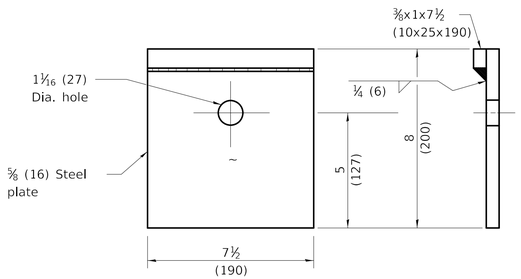
DIAPHRAGM
(2 ea.)



ALTERNATE SOIL PLATE CONNECTION



NOSE
(1 ea.)



BEARING PLATE K
(1 ea.)

TRAFFIC BARRIER TERMINAL TYPE 1

(Sheet 2 of 2)

STANDARD B.L.R. 23-4

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

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2018 ARTERIAL STREET RESURFACING
NORTH AREA B-4-152

STANDARD DETAILS

IDOT STANDARD DETAILS

SCALE: N.T.S.

SHEET NO. 132

DATE:01/12/18