

PROJECT ID:
2140-14-70

COUNTY:
MILWAUKEE

WITH: N/A

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
Section No.	4	Right of Way Plat
Section No.	5	Plan and Profile
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
Section No.	8	Structure Plans
Section No.	9	Computer Earthwork Data
Section No.	9	Cross Sections

TOTAL SHEETS =



DESIGN DESIGNATION

A.A.D.T.	2026	=	28,550
A.A.D.T.	2046	=	28,550
D.H.V.		=	
D.D.		=	56/44
T.		=	5.8%
DESIGN SPEED		=	45/50 MPH
ESALS		=	

CONVENTIONAL SYMBOLS

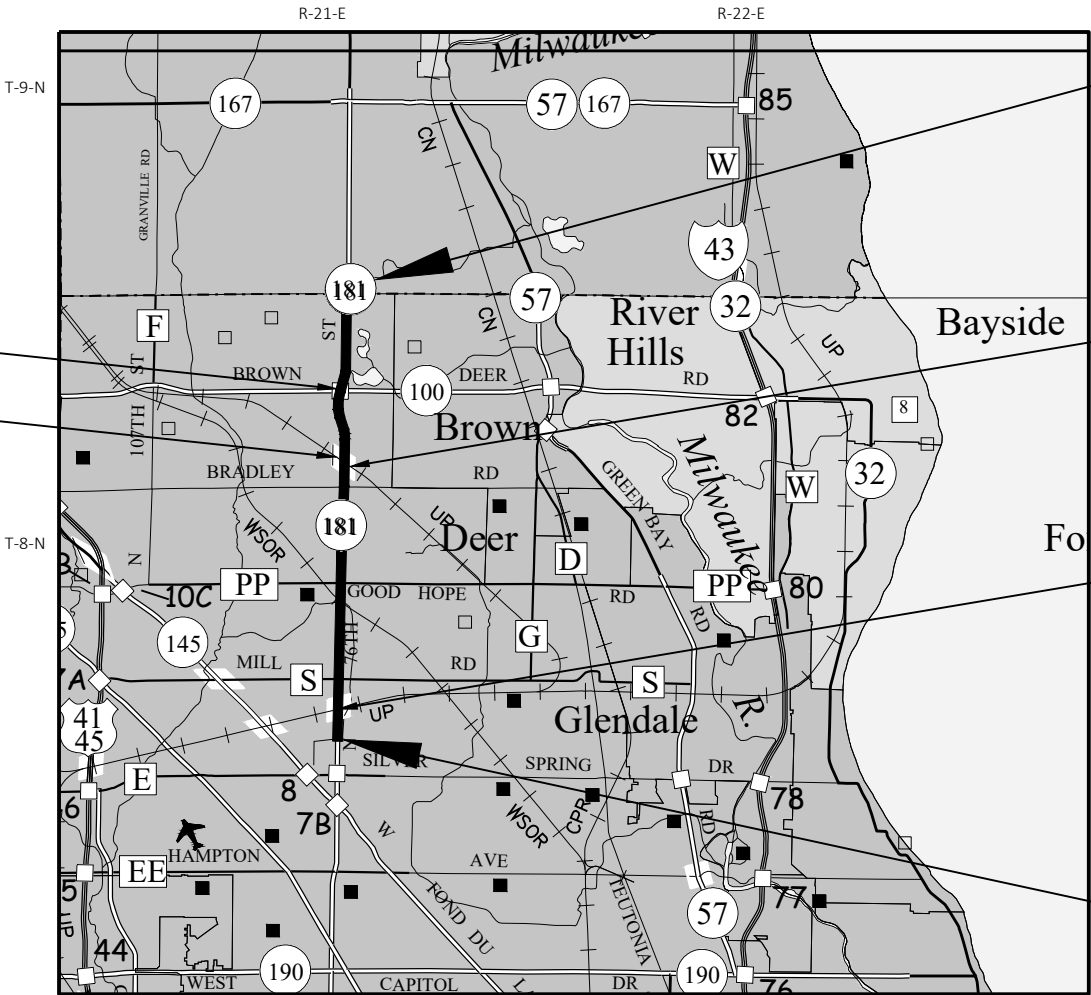
PLAN	
CORPORATE LIMITS	
PROPERTY LINE	
LOT LINE	
LIMITED HIGHWAY EASEMENT	
EXISTING RIGHT OF WAY	
PROPOSED OR NEW R/W LINE	
SLOPE INTERCEPT	
REFERENCE LINE	
EXISTING CULVERT	
PROPOSED CULVERT (Box or Pipe)	
COMBUSTIBLE FLUIDS	
MARSH AREA	
WOODED OR SHRUB AREA	

PROFILE	
GRADE LINE	
ORIGINAL GROUND	
MARSH OR ROCK PROFILE (To be noted as such)	
SPECIAL DITCH	
GRADE ELEVATION	
CULVERT (Profile View)	
UTILITIES	
ELECTRIC	
FIBER OPTIC	
GAS	
SANITARY SEWER	
STORM SEWER	
TELEPHONE	
WATER	
UTILITY PEDESTAL	
POWER POLE	
TELEPHONE POLE	

	ROCK
	LABEL
	95.36
	E
	FO
	G
	SAN
	SS
	T
	W

NET EXCEPTION TO CL LENGTH
STA 192+10 - STA 193+73
B-40-380

STRUCTURE C-40-53



LAYOUT
SCALE 0 2 MI

TOTAL NET LENGTH OF CENTERLINE = 4.436 MI.

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), (NAME) COUNTY, NAD83 (YEAR), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES.

ELEVATIONS ARE REFERENCED TO NAVD 88 (YEAR). GPS DERIVED ELEVATIONS ARE BASED ON GEOID XX.

BEGIN PROJECT
STA 46+00
X: 580229.3207
Y: 331700.7178

END PROJECT
STA 287+11.68

NET EXCEPTION TO CL LENGTH
STA 191+68 - STA 193+58
B-40-381

NET EXCEPTION TO CL LENGTH
STA 53+80 - STA 57+15
B-40-378

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

76TH STREET

FLORIST AVE TO COUNTY LINE RD

WIS 181
MILWAUKEE COUNTY

STATE PROJECT NUMBER
2140-14-70

STATE PROJECT

FEDERAL PROJECT

PROJECT

CONTRACT

2140-14-70

PRELIMINARY PLAN
7/18/2023

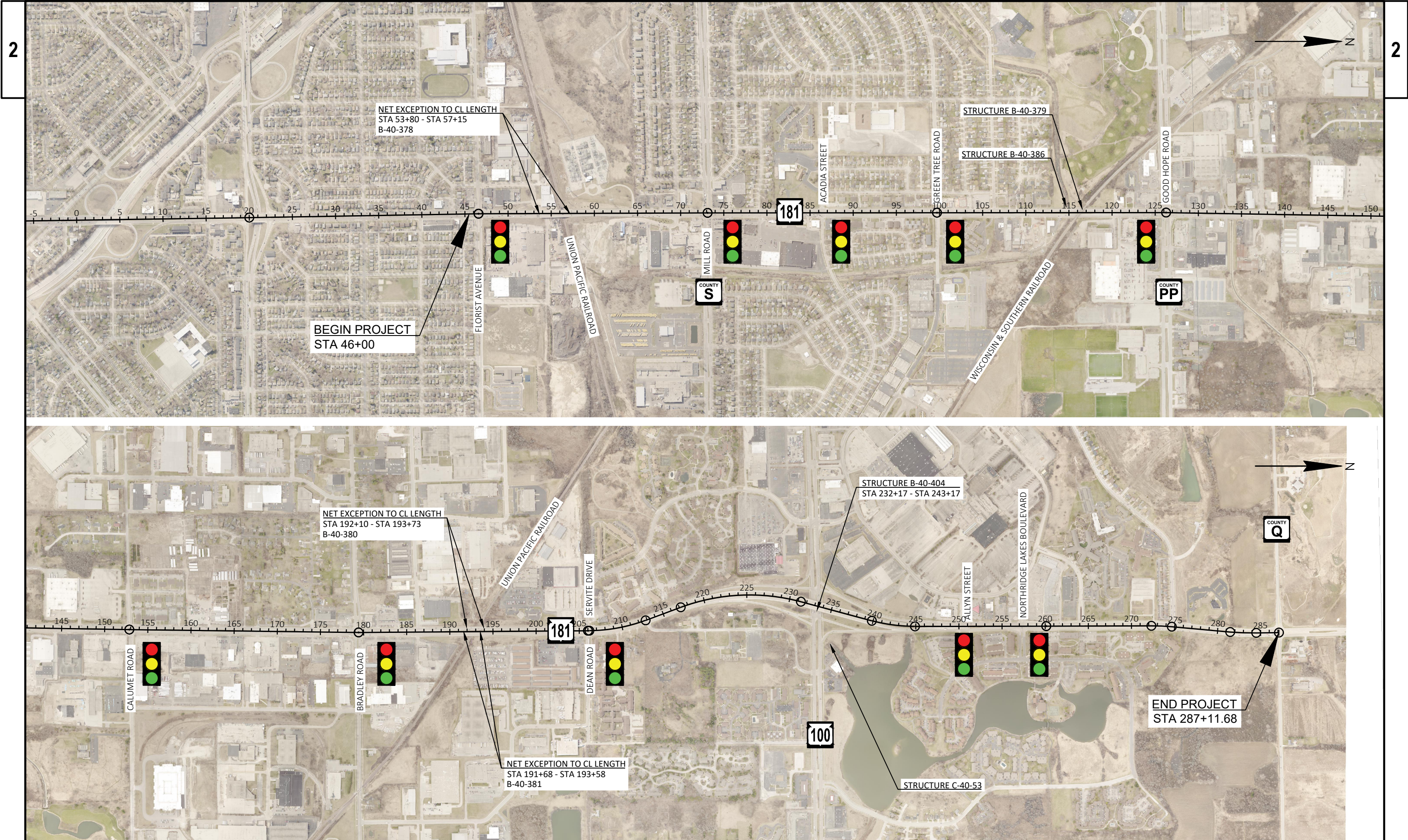
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY	
Surveyor	AYRES/DAAR
Designer	DAAR ENGINEERING, INC.
Project Manager	DIEGO SILVA
Regional Examiner	REGIONAL EXAMINER
Regional Supervisor	MANOJOY NAG

APPROVED FOR THE DEPARTMENT
DATE: _____ (Signature)

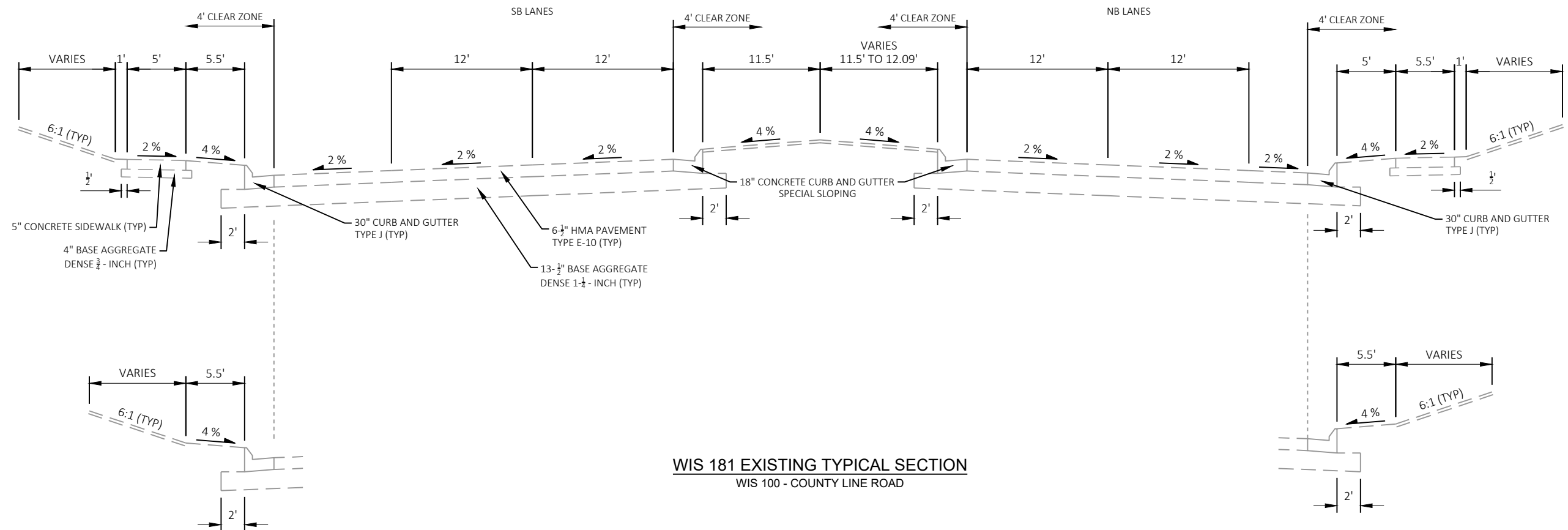
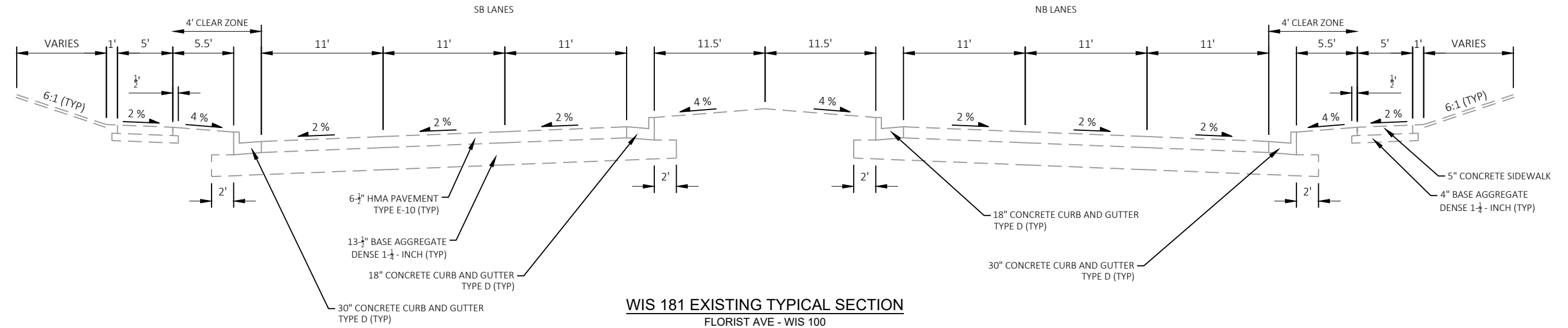
PRE_1

E



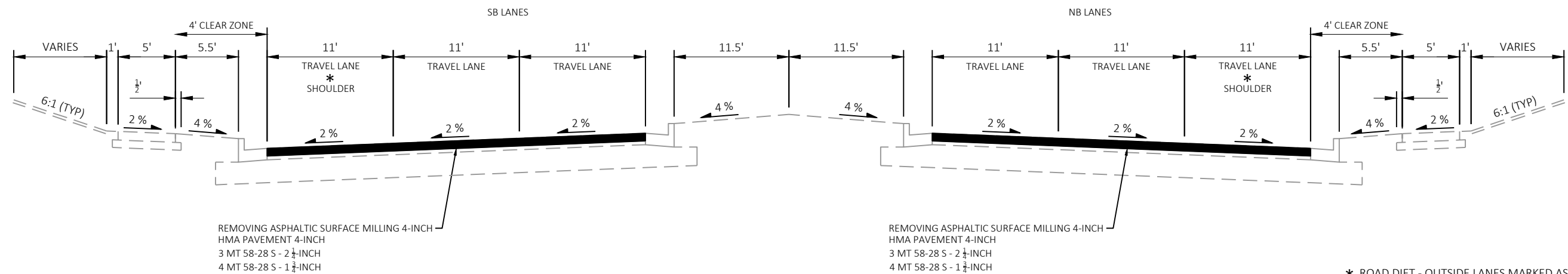
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2 |

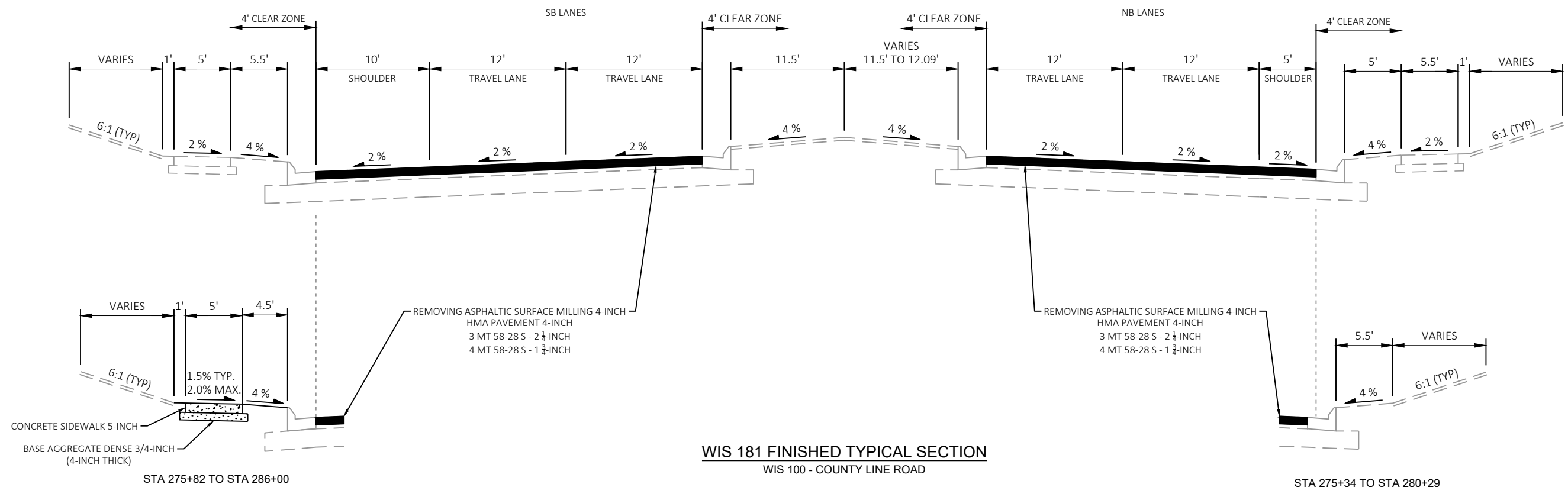


STA 276+84 TO STA 280+29
STA 281+00 TO STA 287+11.68

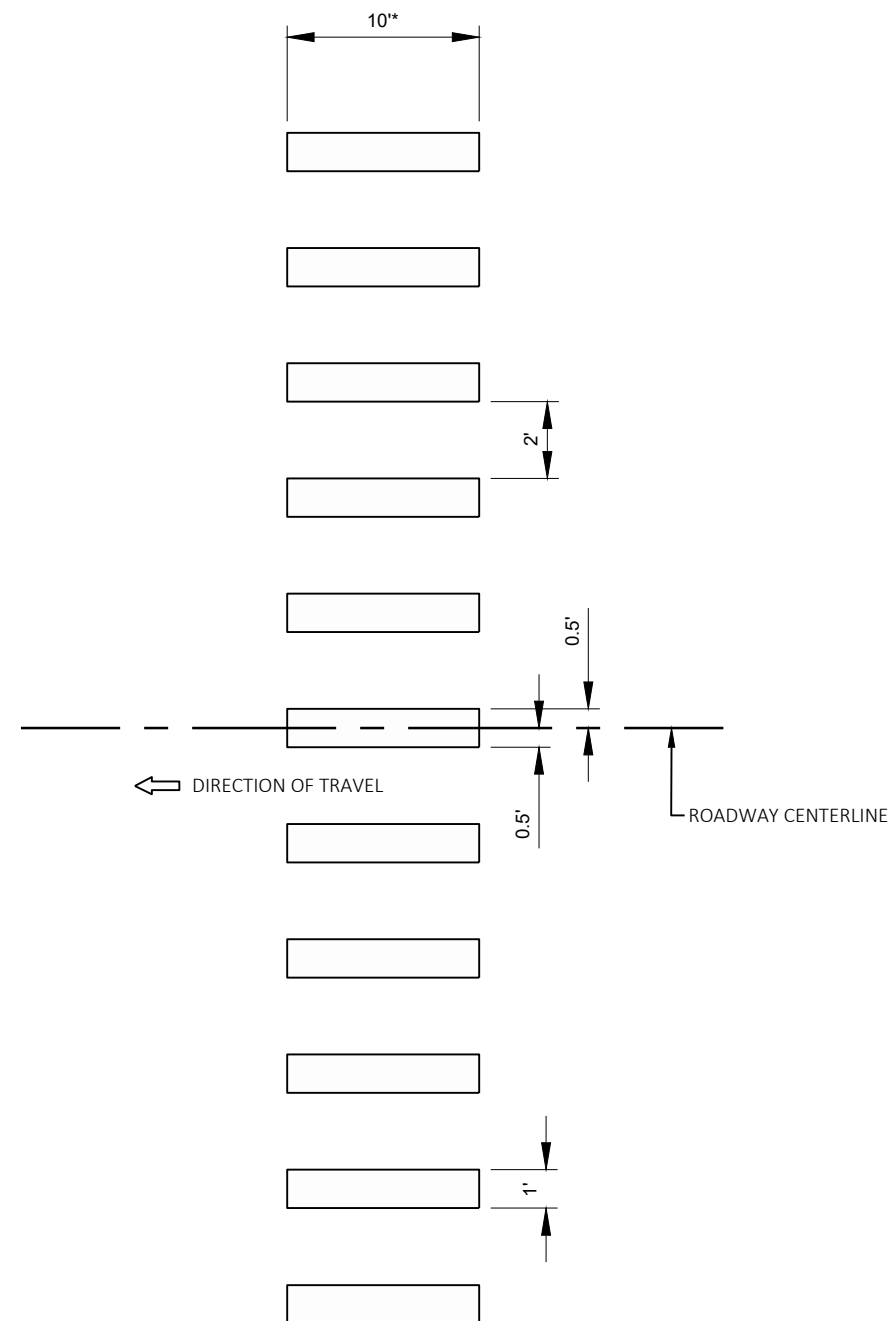
STA 275+34 TO STA 280+29
STA 281+00 TO STA 287+11.68



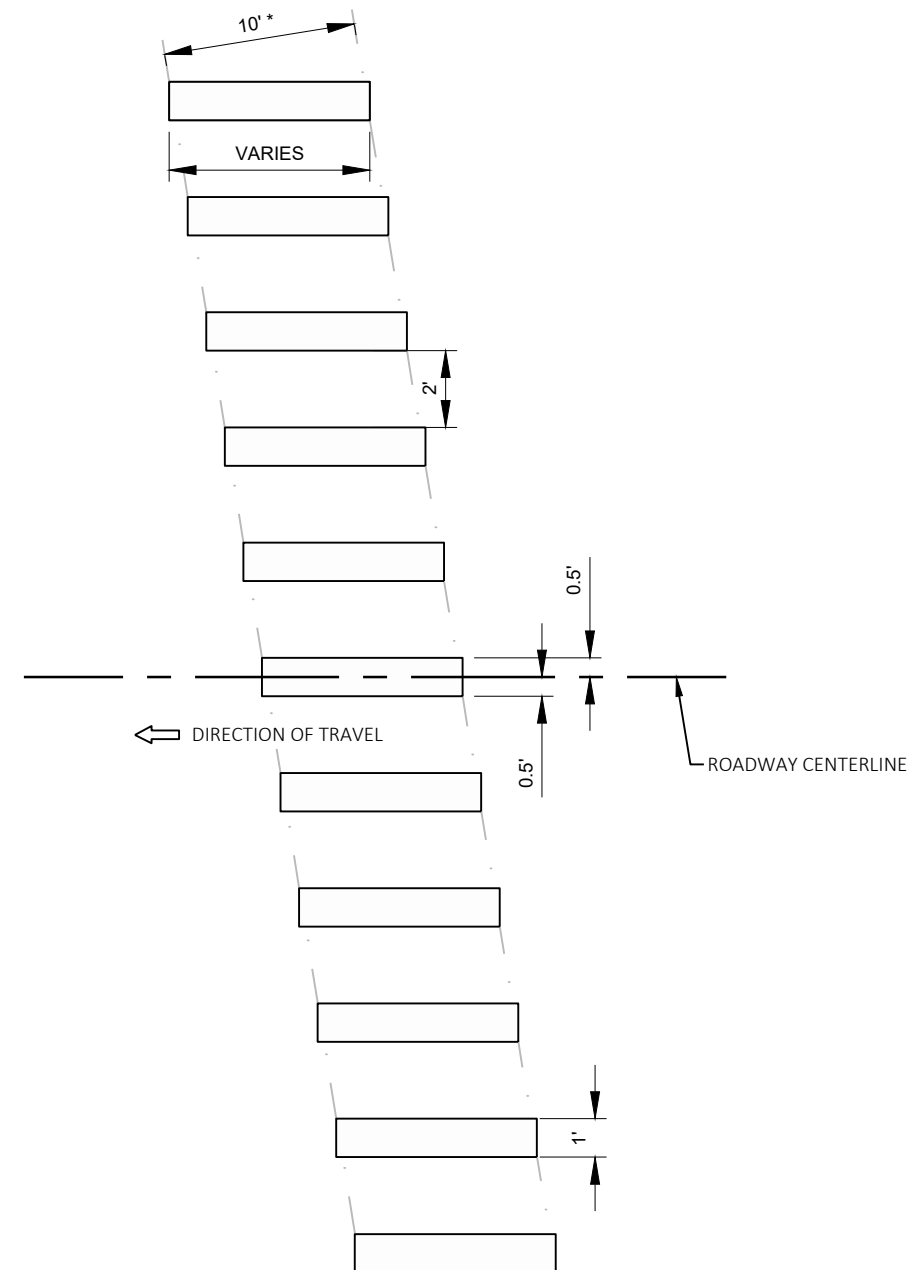
WIS 181 FINISHED TYPICAL SECTION
FLORIST AVE - WIS 100



WIS 181 FINISHED TYPICAL SECTION
WIS 100 - COUNTY LINE ROAD



TRANSVERSE CROSSWALK



ANGLED CROSSWALK

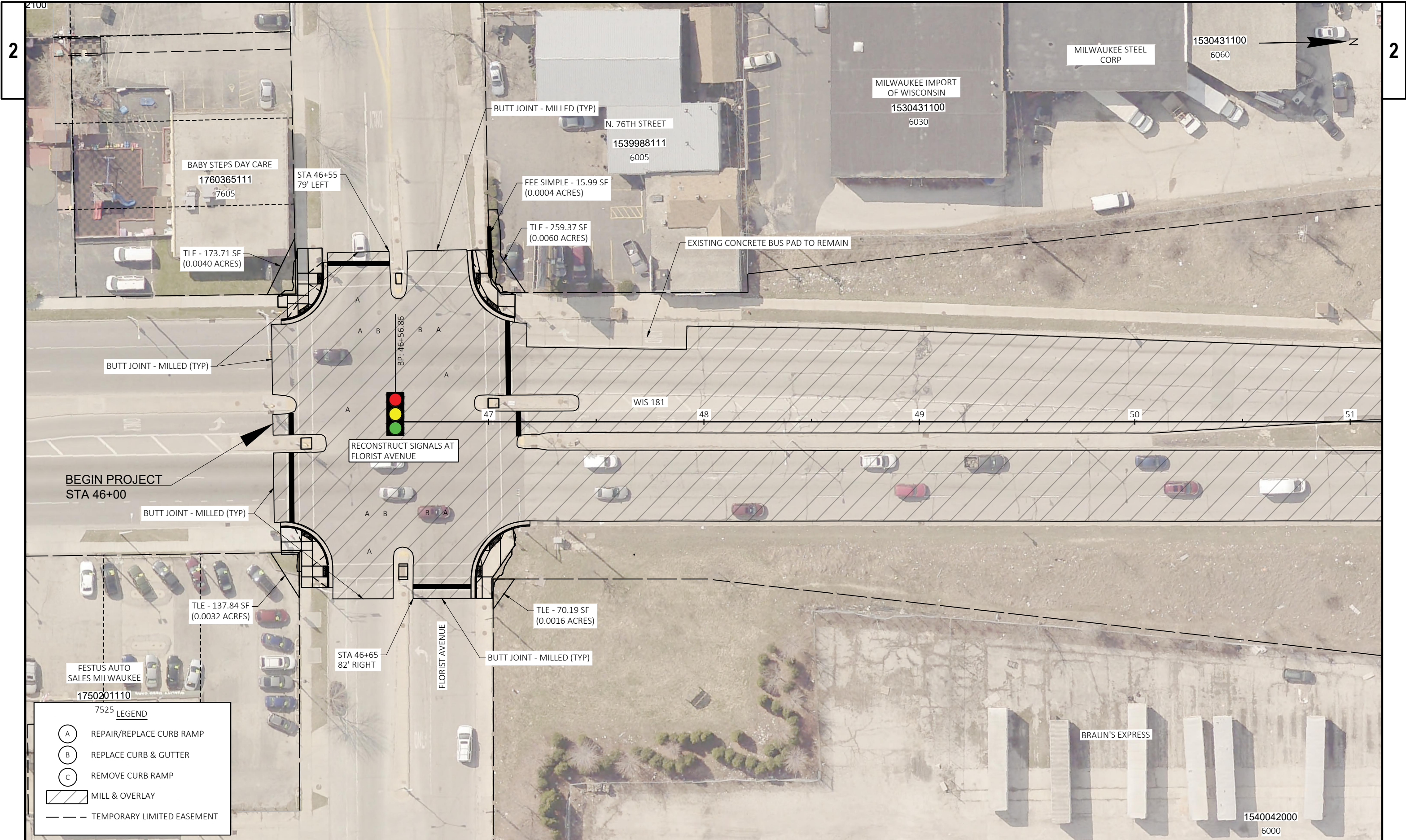
NOTES

* UNLESS OTHERWISE NOTED ON PLANS

PAVEMENT MARKINGS SHOULD BE PARALLEL TO DIRECTION OF TRAVEL EVEN WHEN CROSSWALK IS SKEWED

CONTINENTAL CROSSWALK SHALL BE PAID FOR UNDER THE PAY ITEM "MARKING CROSSWALK EPOXY, BLOCK STYLE 12-INCH"

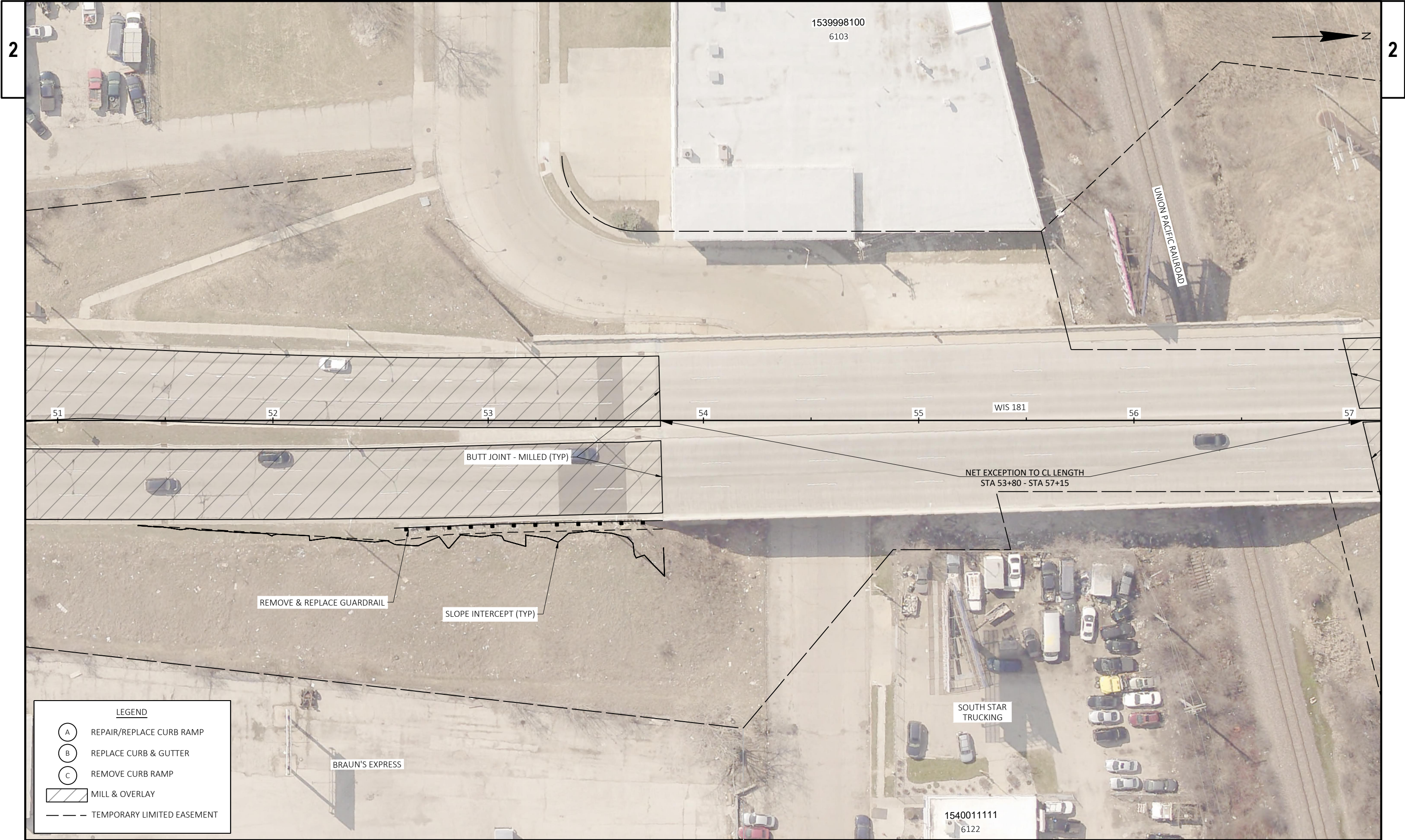
CONTINENTAL CROSSWALK DETAIL



2

2

PROJECT NO: 2140-14-70	HWY: WIS 181	COUNTY: MILWAUKEE	PLAN	SHEET	PRE_6	E
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LEGEND

A

REPAIR/REPLACE CURB RAMP

B

REPLACE CURB & GUTTER

C

REMOVE CURB RAMP

MILL & OVERLAY

TEMPORARY LIMITED EASEMENT



LEGEND

A

REPAIR/REPLACE CURB RAMP

B

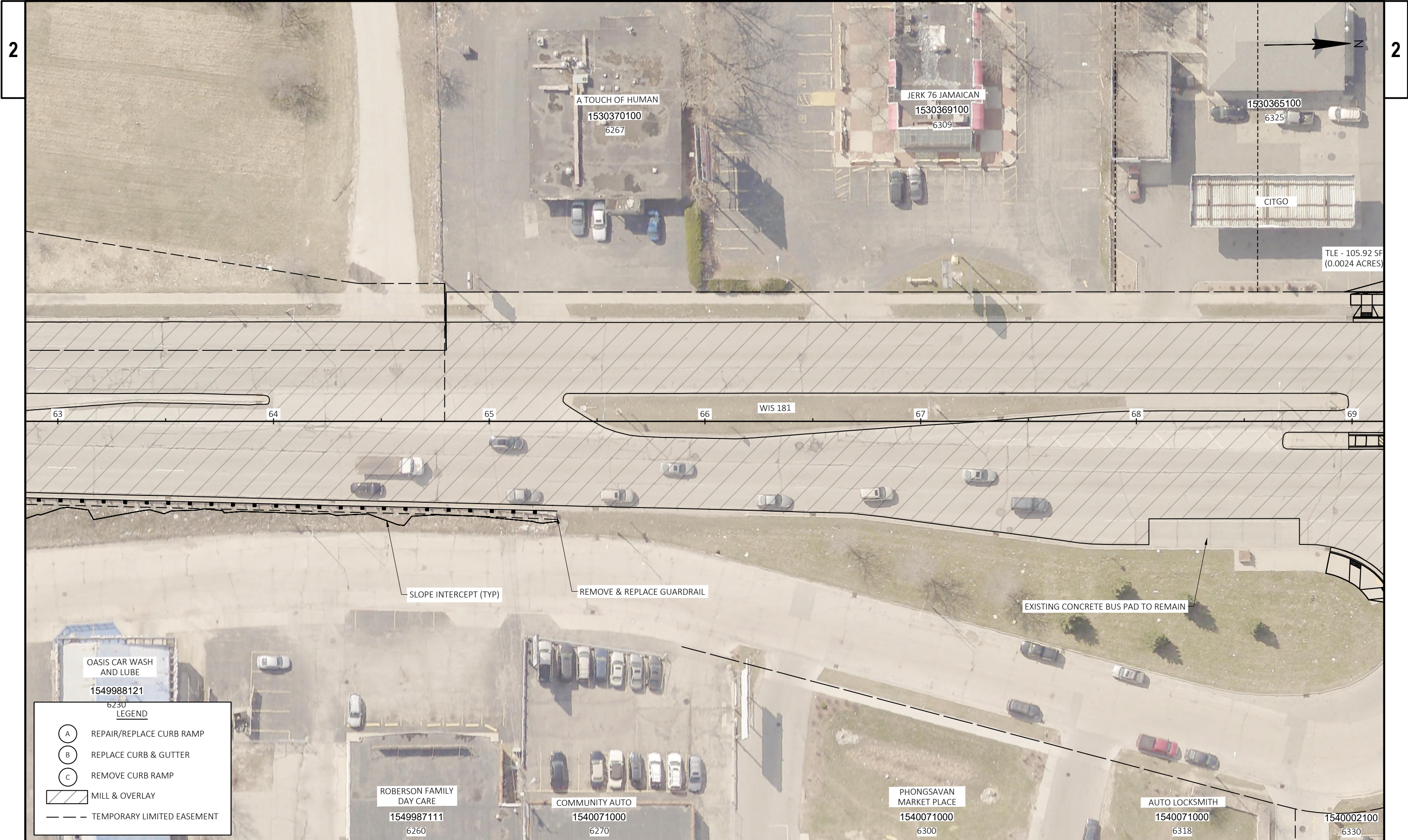
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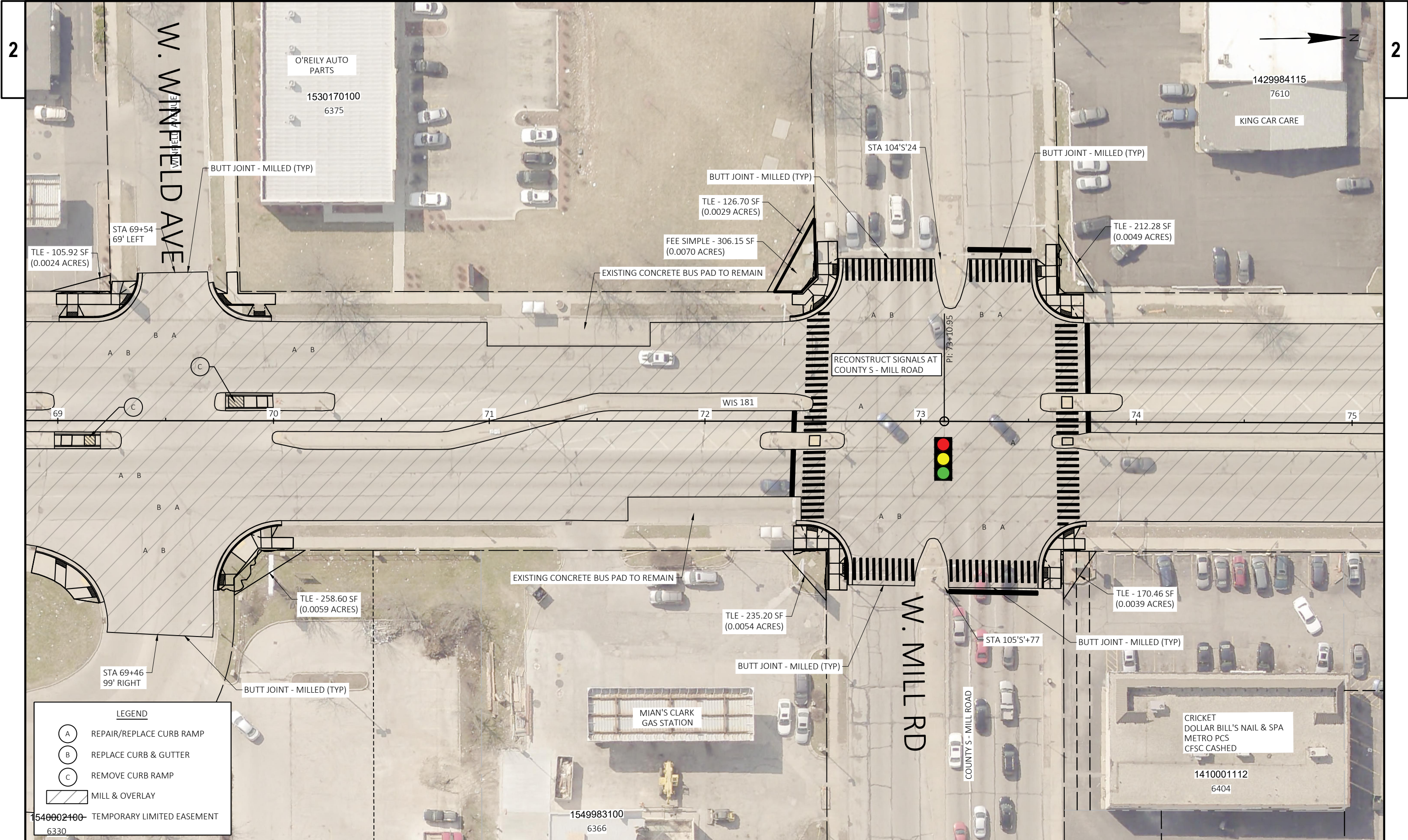
C

REMOVE CURB RAMP

MILL & OVERLAY

TEMPORARY LIMITED EASEMENT





LEGEND

A

REPAIR/REPLACE CURB RAMP

B

REPLACE CURB & GUTTER

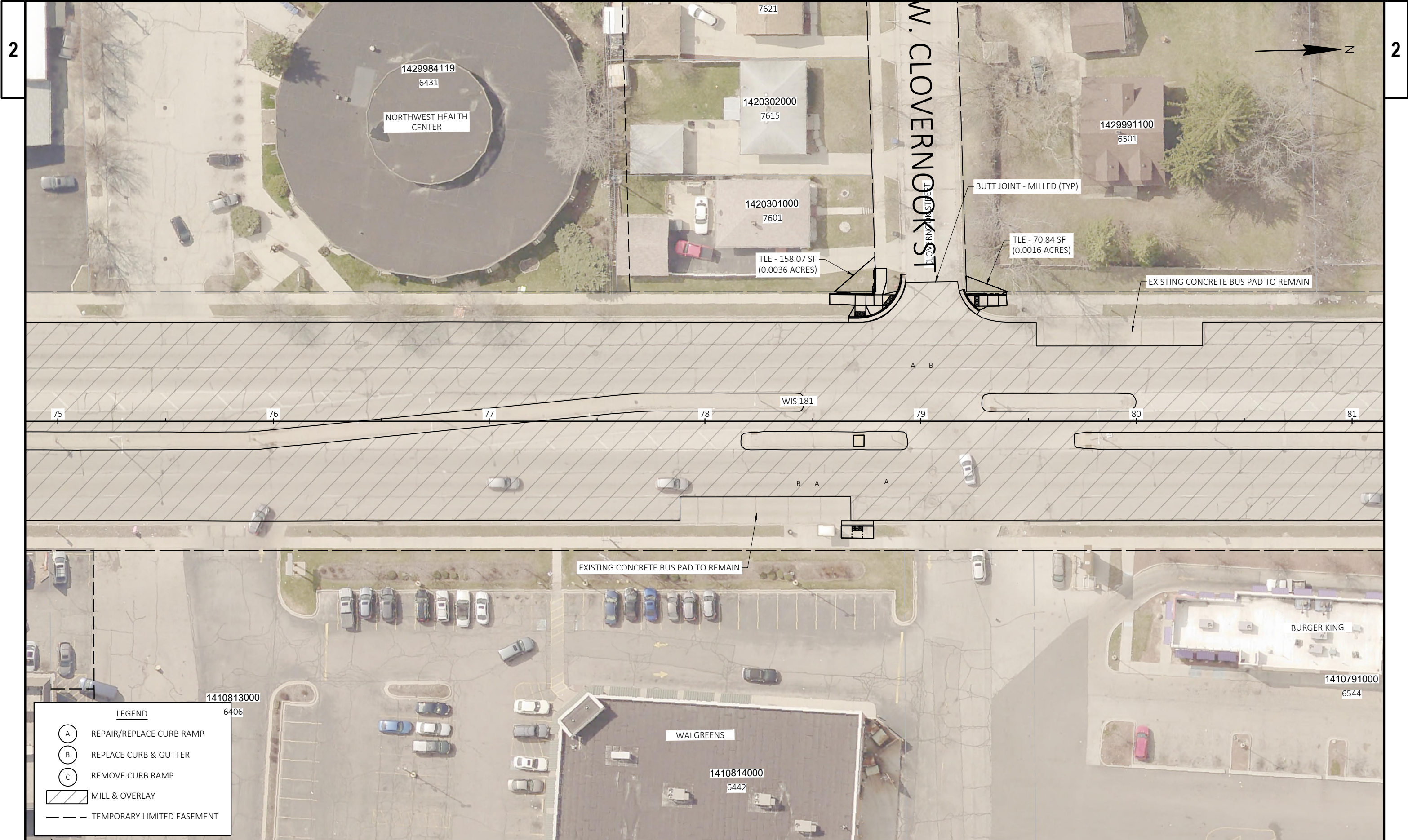
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REMOVE CURB RAMP

MILL & OVERLAY

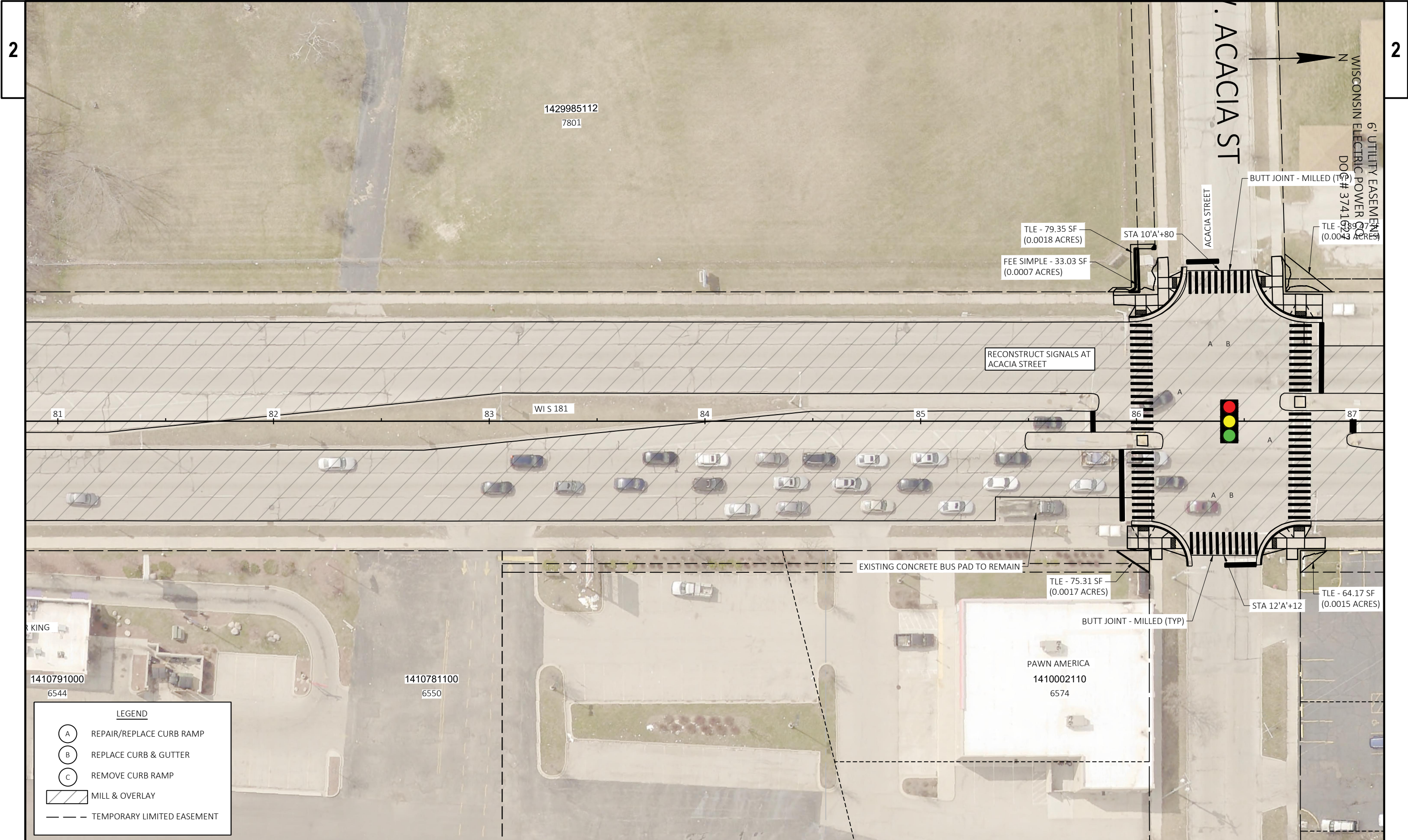
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TEMPORARY LIMITED EASEMENT

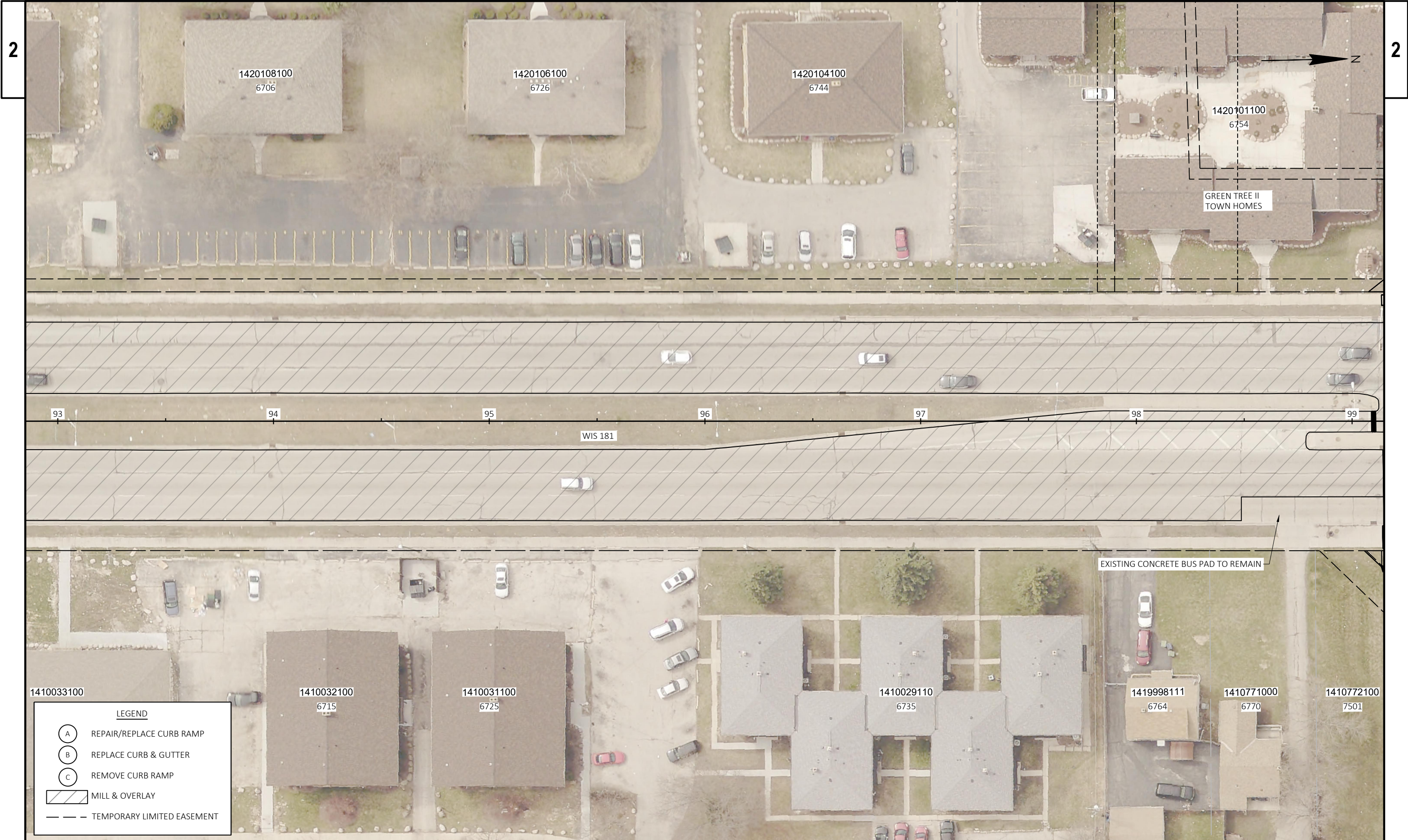


2

2







LEGEND

A

REPAIR/REPLACE CURB RAMP

B

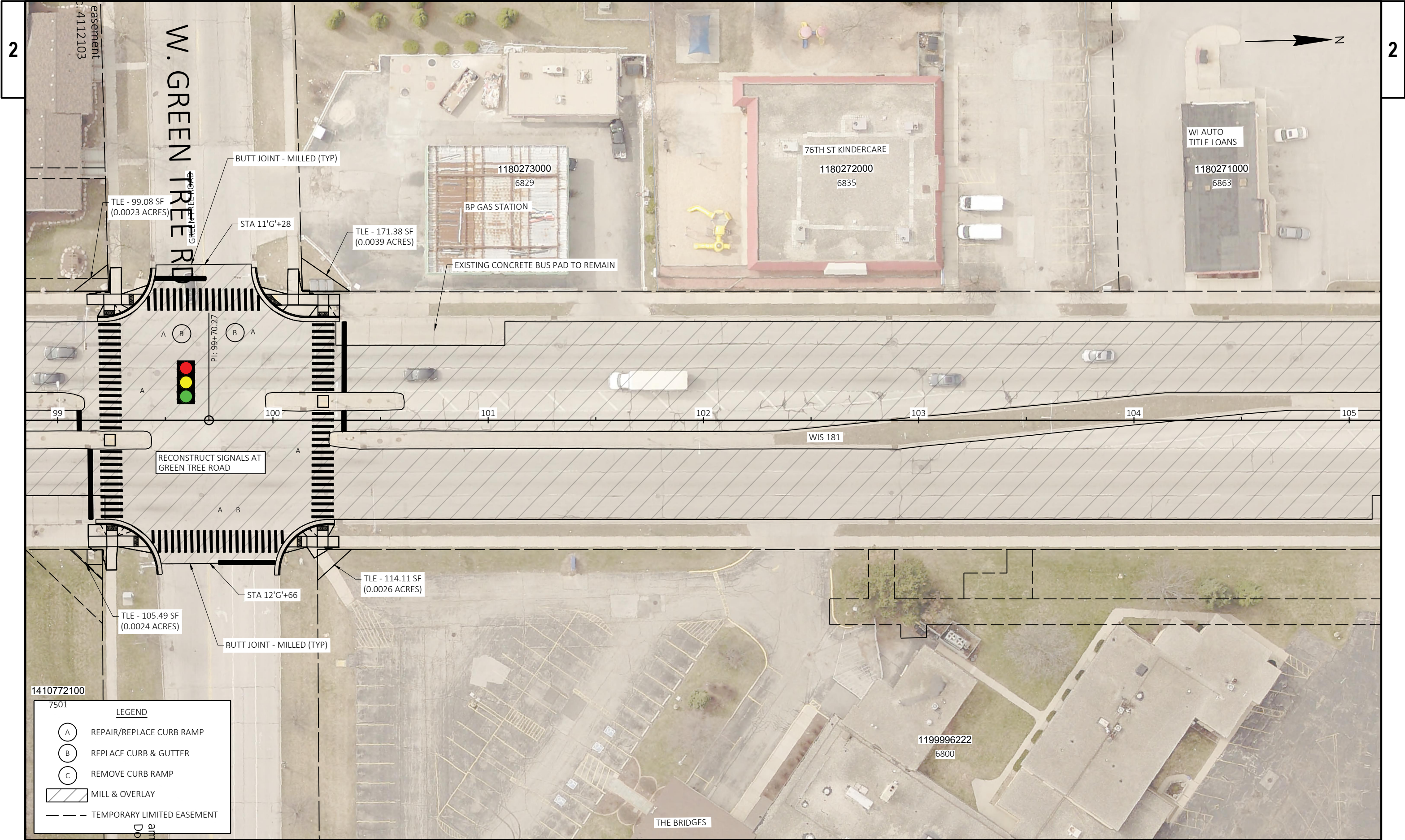
REPLACE CURB & GUTTER

C

REMOVE CURB RAMP

MILL & OVERLAY

TEMPORARY LIMITED EASEMENT



7501

LEGEND

A

REPAIR/REPLACE CURB RAMP

B

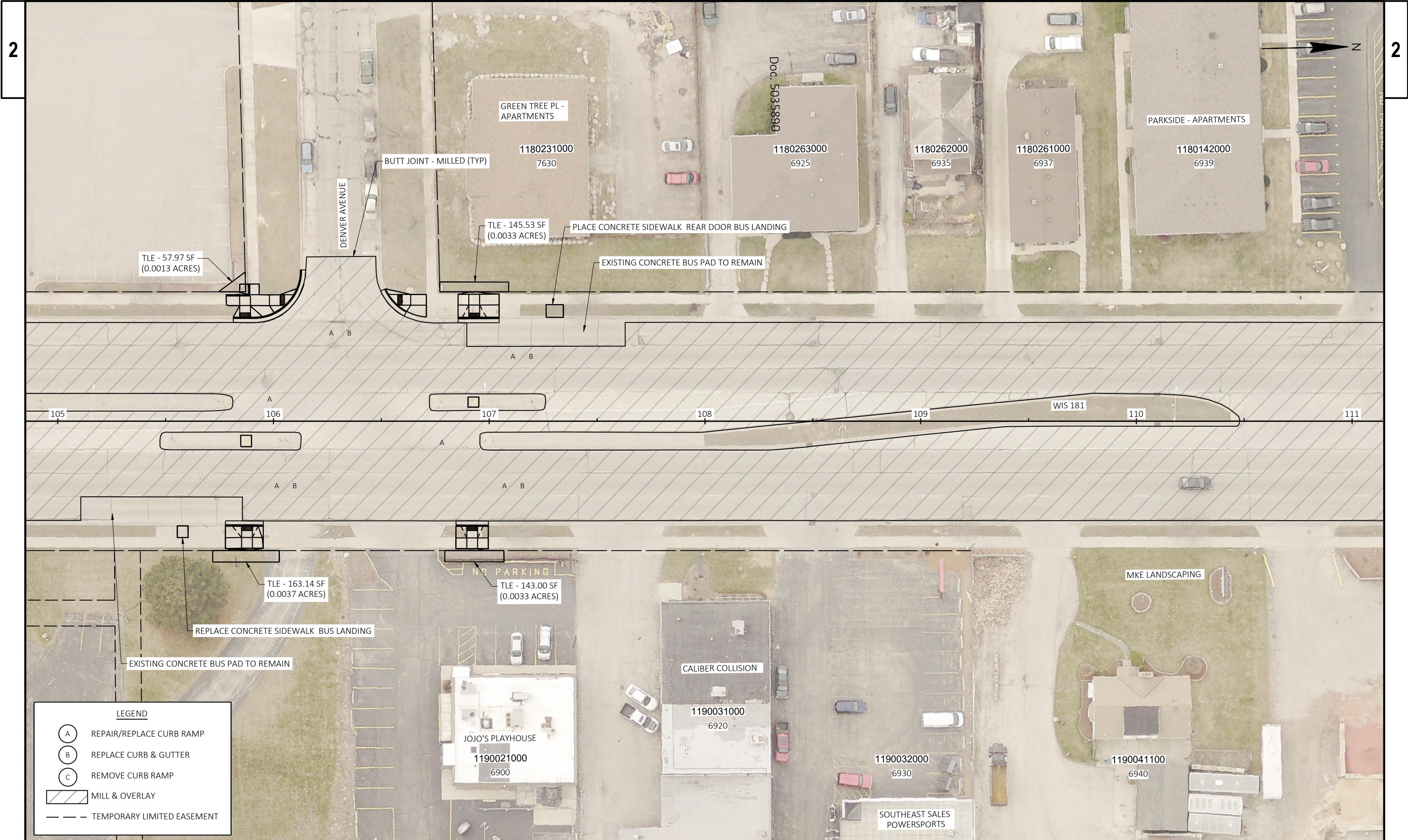
REPLACE CURB & GUTTER

C

REMOVE CURB RAMP

MILL & OVERLAY

TEMPORARY LIMITED EASEMENT



2

2

LEGEND

A

REPAIR/REPLACE CURB RAMP

B

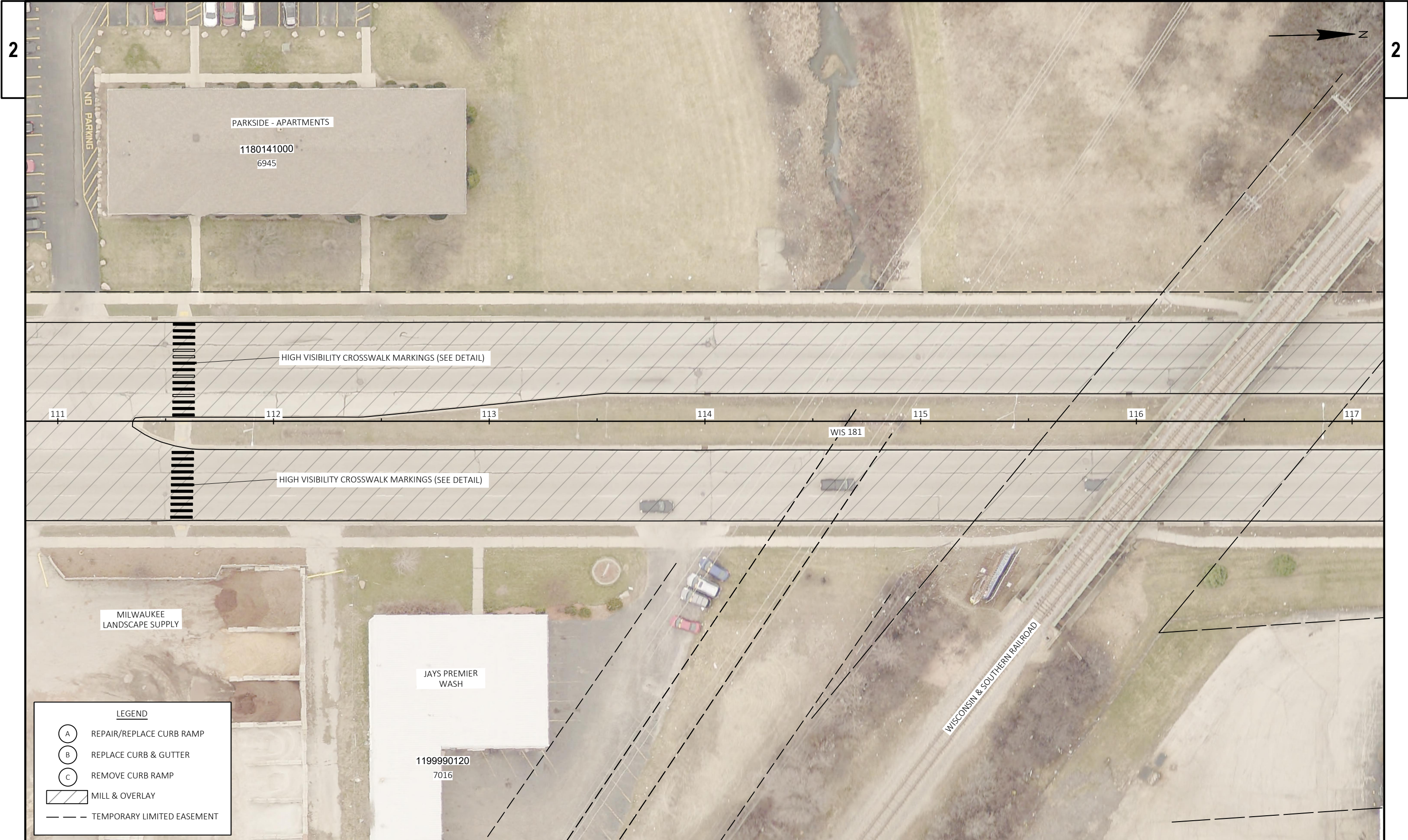
REPLACE CURB & GUTTER

C

REMOVE CURB RAMP

MILL & OVERLAY

TEMPORARY LIMITED EASEMENT





LEGEND

A

REPAIR/REPLACE CURB RAMP

B

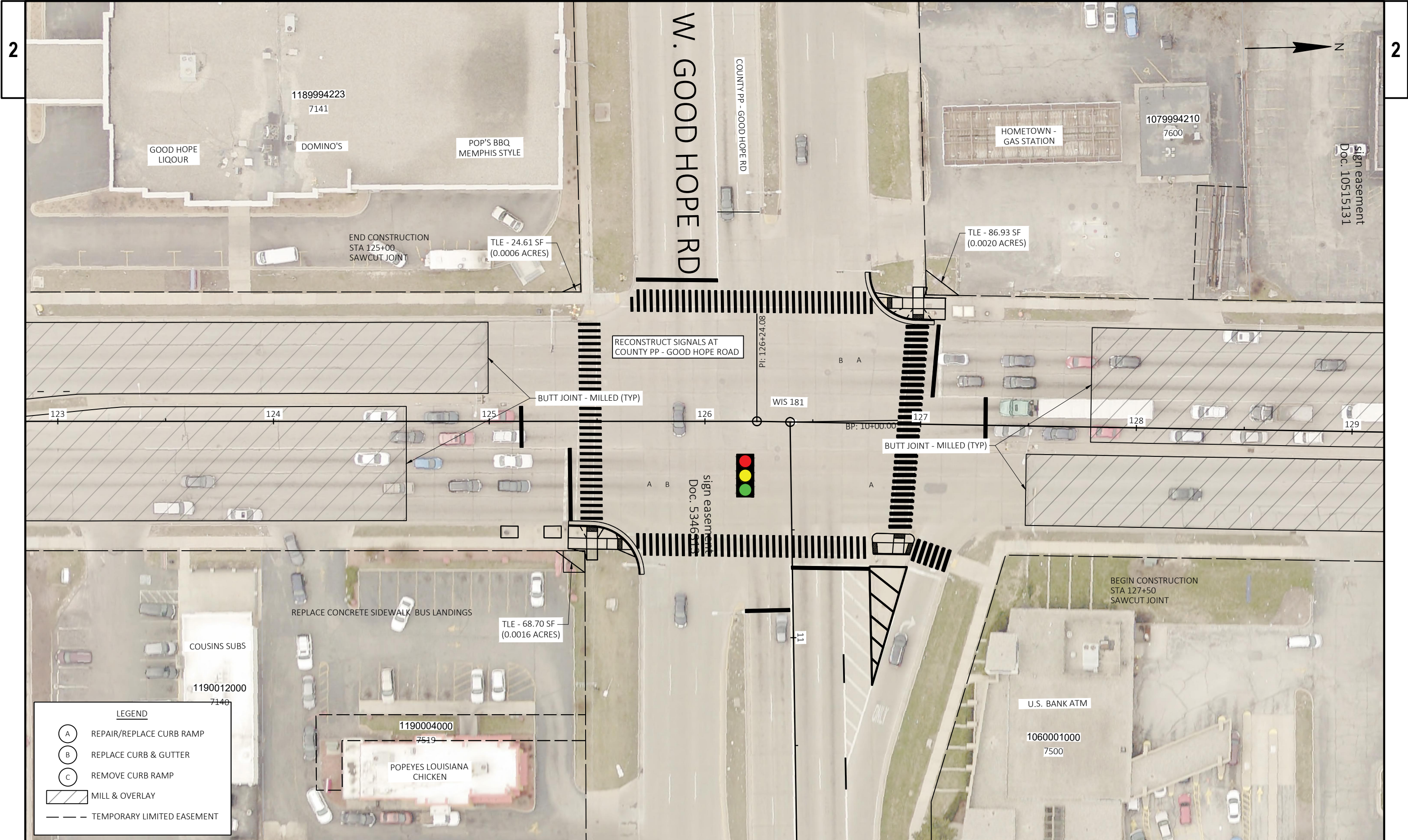
REPLACE CURB & GUTTER

C

REMOVE CURB RAMP

MILL & OVERLAY

TEMPORARY LIMITED EASEMENT



LEGEND

A

REPAIR/REPLACE CURB RAMP

B

REPLACE CURB & GUTTER

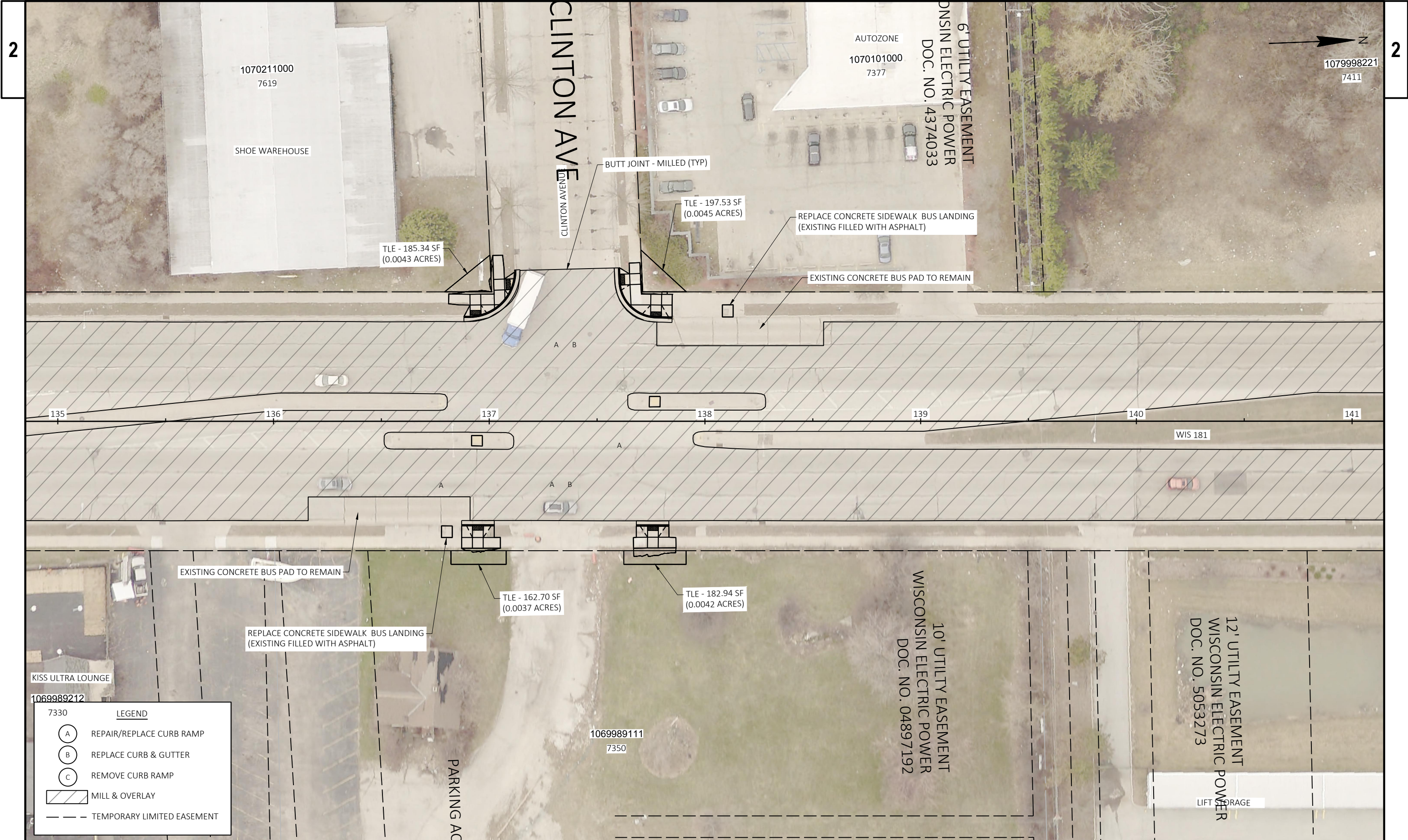
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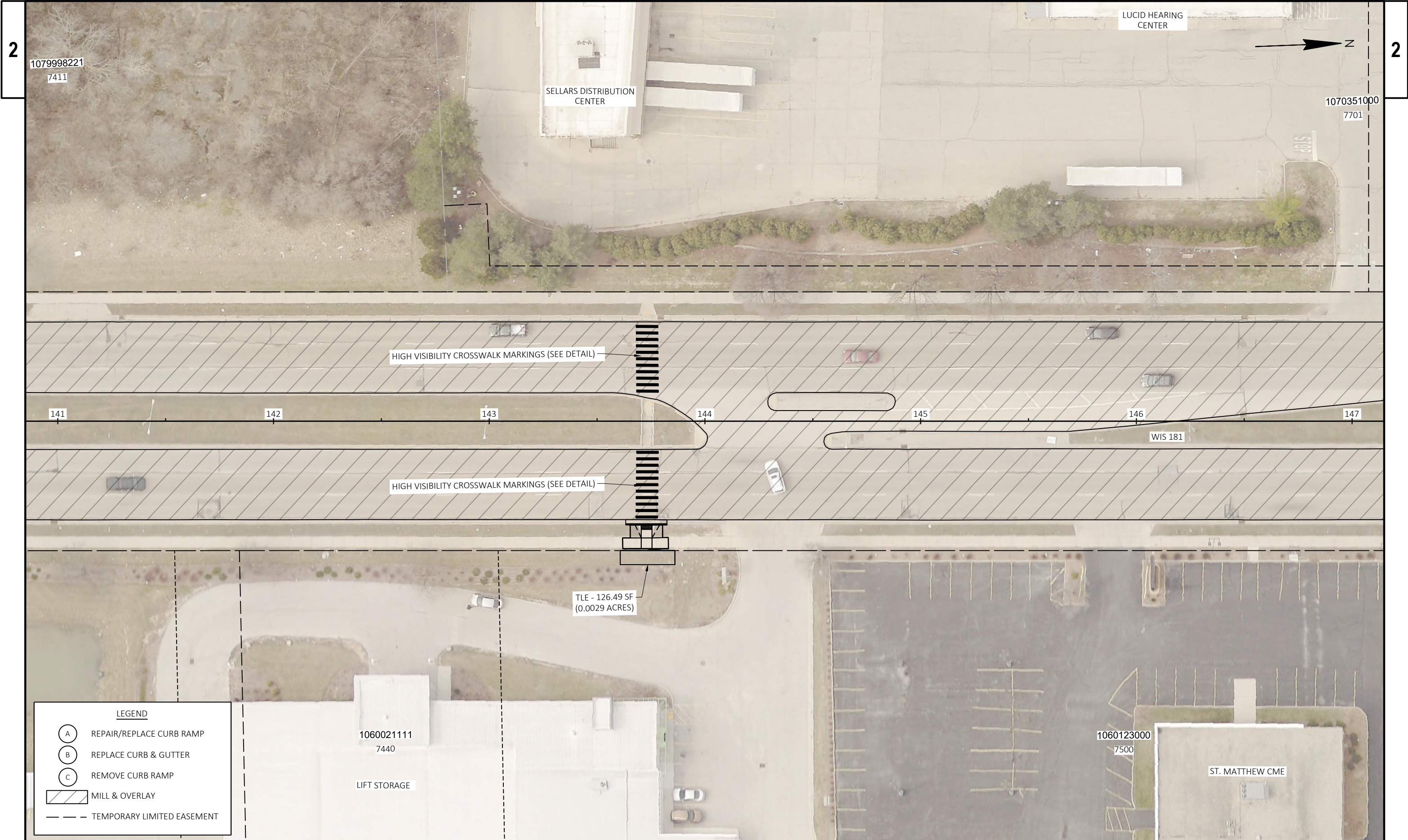
REMOVE CURB RAMP

MILL & OVERLAY

TEMPORARY LIMITED EASEMENT







LEGEND

A

REPAIR/REPLACE CURB RAMP

B

REPLACE CURB & GUTTER

C

REMOVE CURB RAMP

MILL & OVERLAY

TEMPORARY LIMITED EASEMENT



PROJECT NO: 2140-14-70

HWY: WIS 181

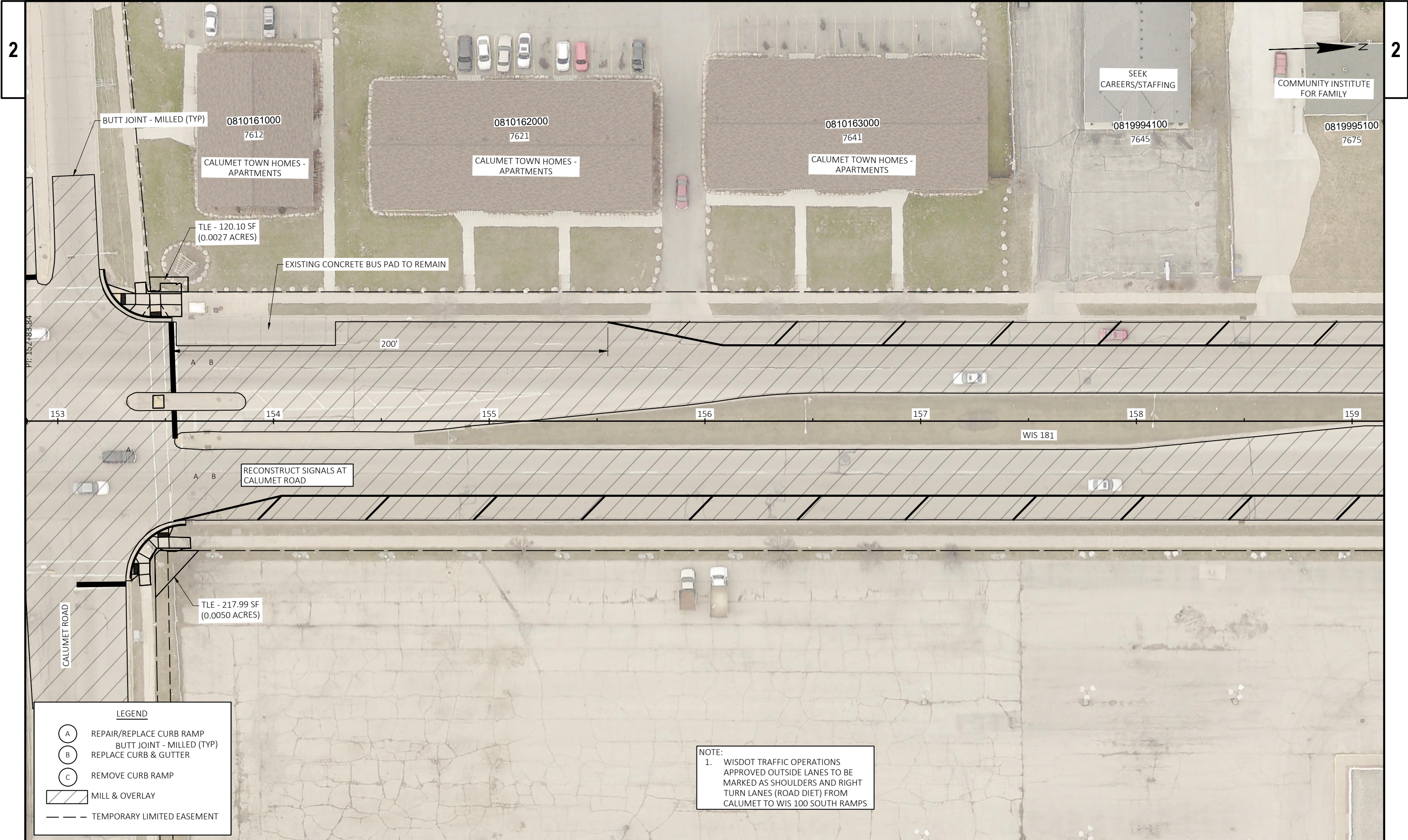
COUNTY: MILWAUKEE

PLAN

SHEET

PRE_23

E



LEGEND

(A) REPAIR/REPLACE CURB RAMP
BUTT JOINT - MILLED (TYP)

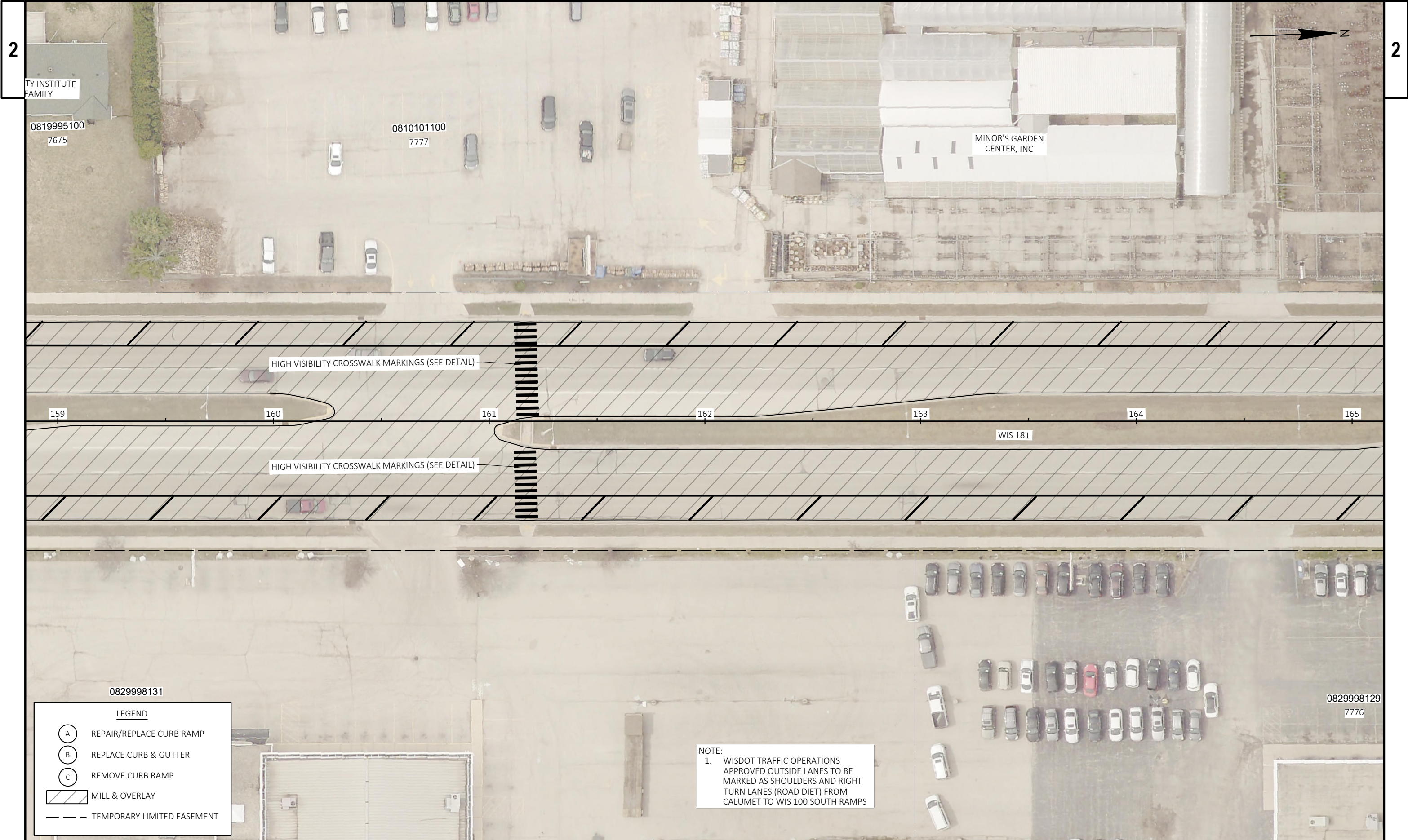
(B) REPLACE CURB & GUTTER

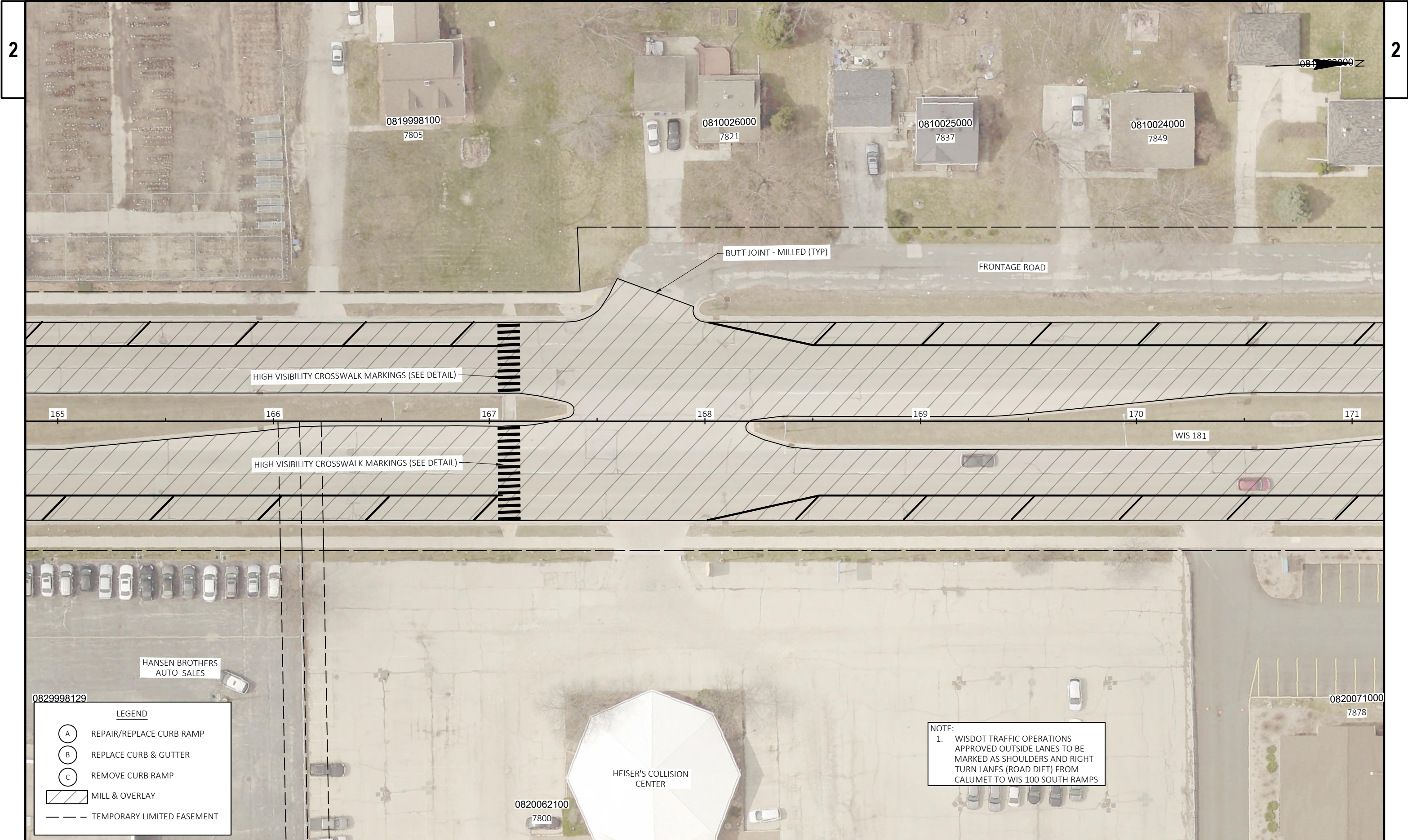
(C) REMOVE CURB RAMP

[Hatched Box] MILL & OVERLAY

[Dashed Line] TEMPORARY LIMITED EASEMENT

NOTE:
1. WISDOT TRAFFIC OPERATIONS
APPROVED OUTSIDE LANES TO BE
MARKED AS SHOULDERS AND RIGHT
TURN LANES (ROAD DIET) FROM
CALUMET TO WIS 100 SOUTH RAMP





2

2

0829998129

LEGEND

A

REPAIR/REPLACE CURB RAMP

B

REPLACE CURB & GUTTER

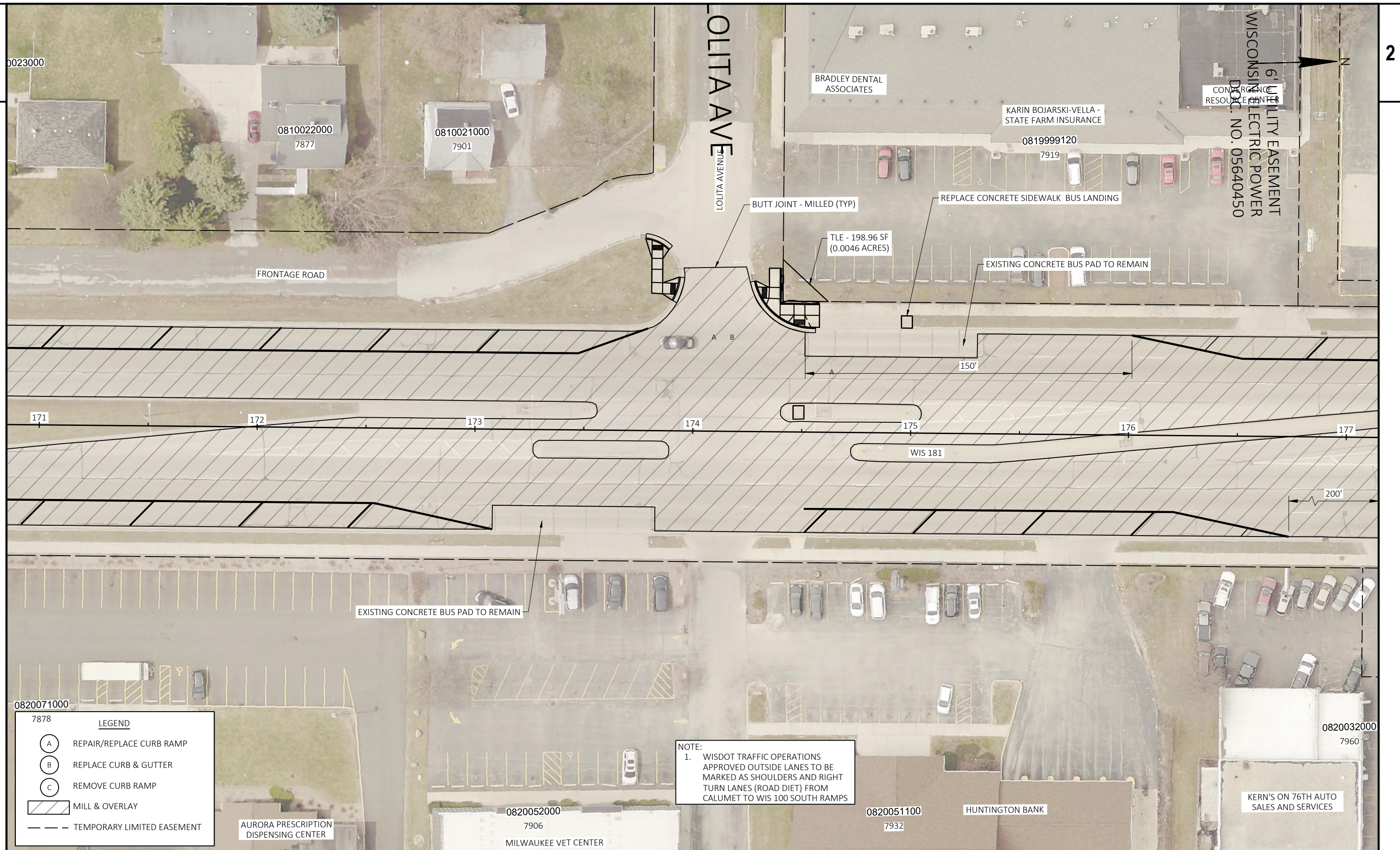
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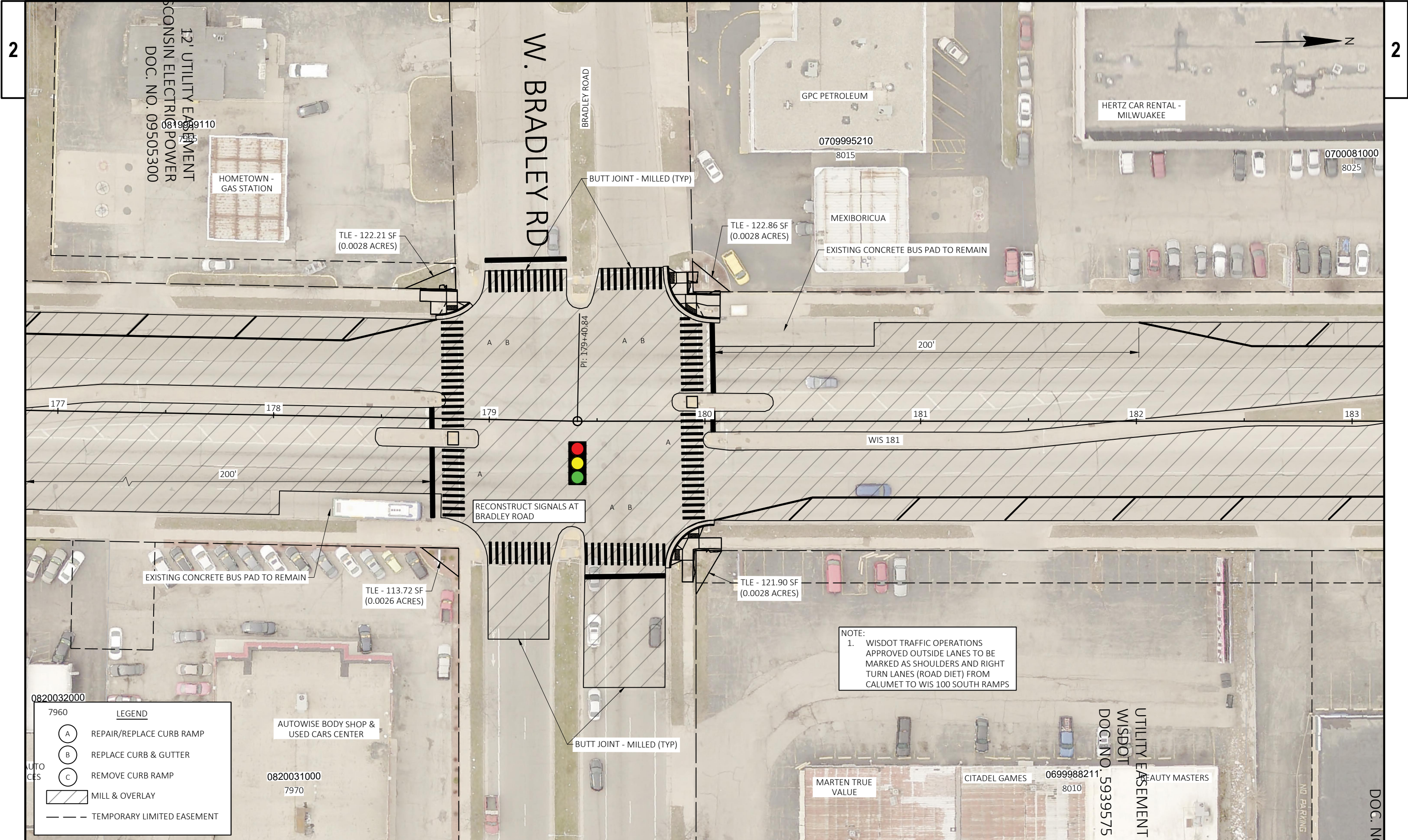
REMOVE CURB RAMP

MILL & OVERLAY

TEMPORARY LIMITED EASEMENT

NOTE:
1. WISDOT TRAFFIC OPERATIONS
APPROVED OUTSIDE LANES TO BE
MARKED AS SHOULDERS AND RIGHT
TURN LANES (ROAD DIET) FROM
CALUMET TO WIS 100 SOUTH RAMPS





0820032000

7960

LEGEND

A

REPAIR/REPLACE CURB RAMP

B

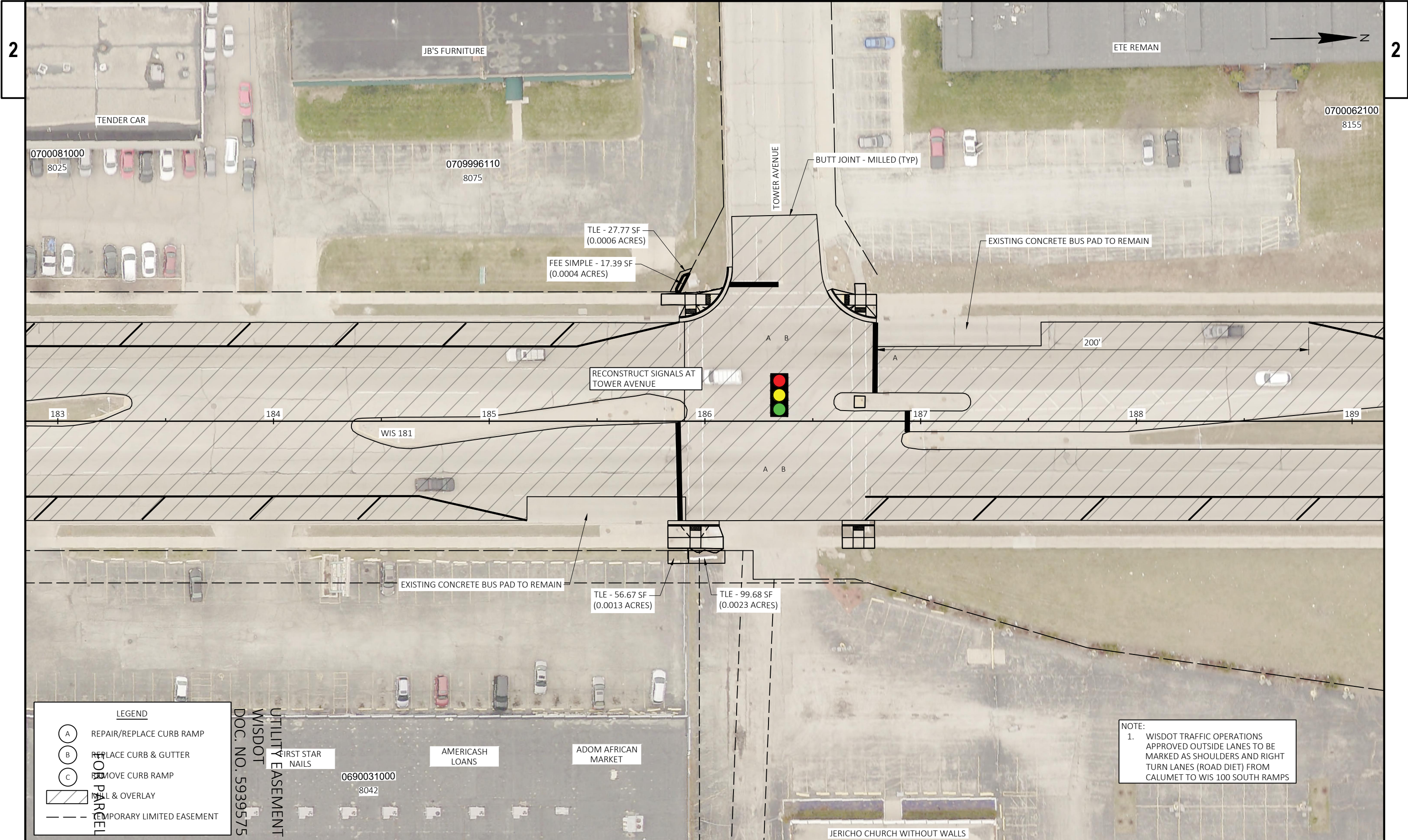
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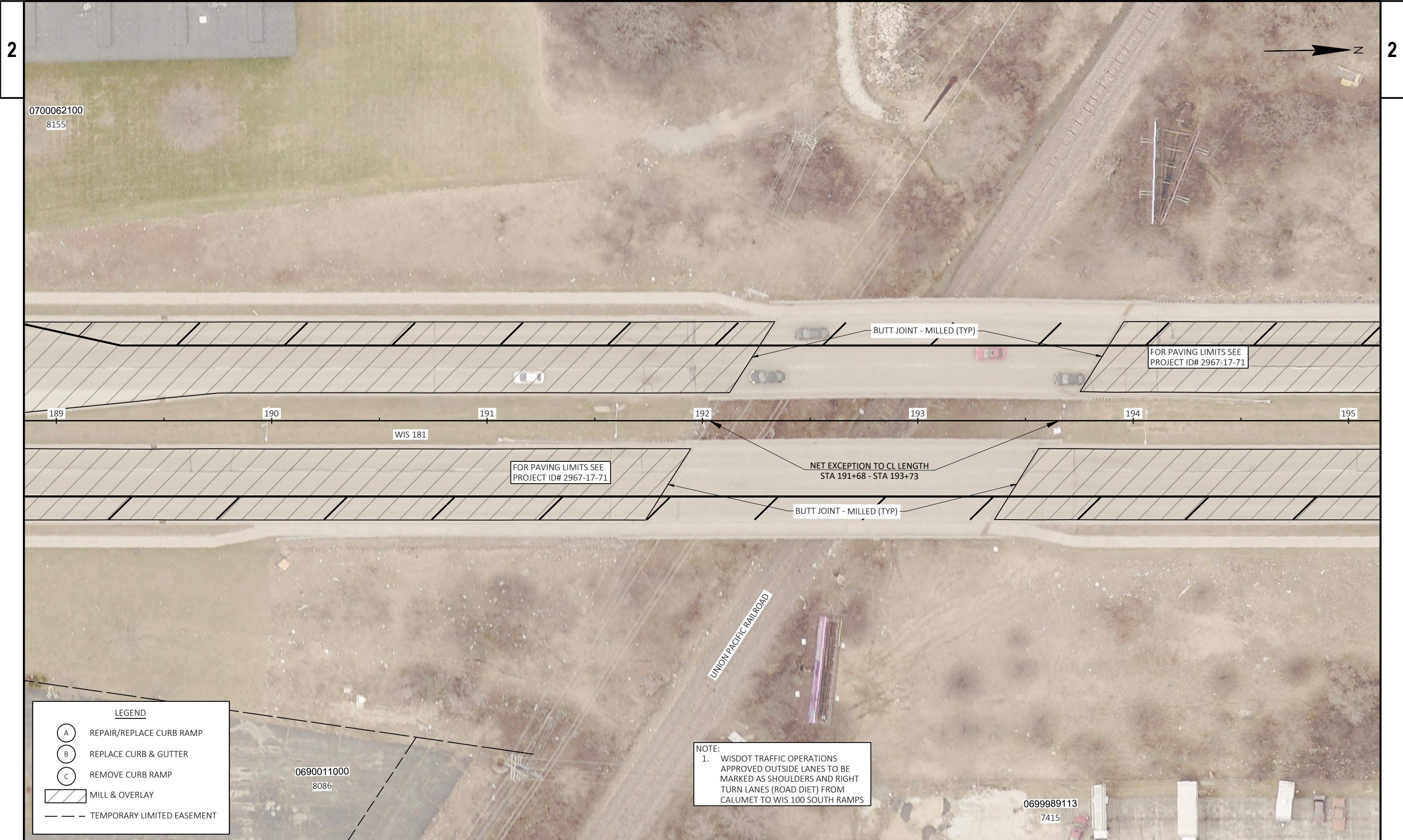
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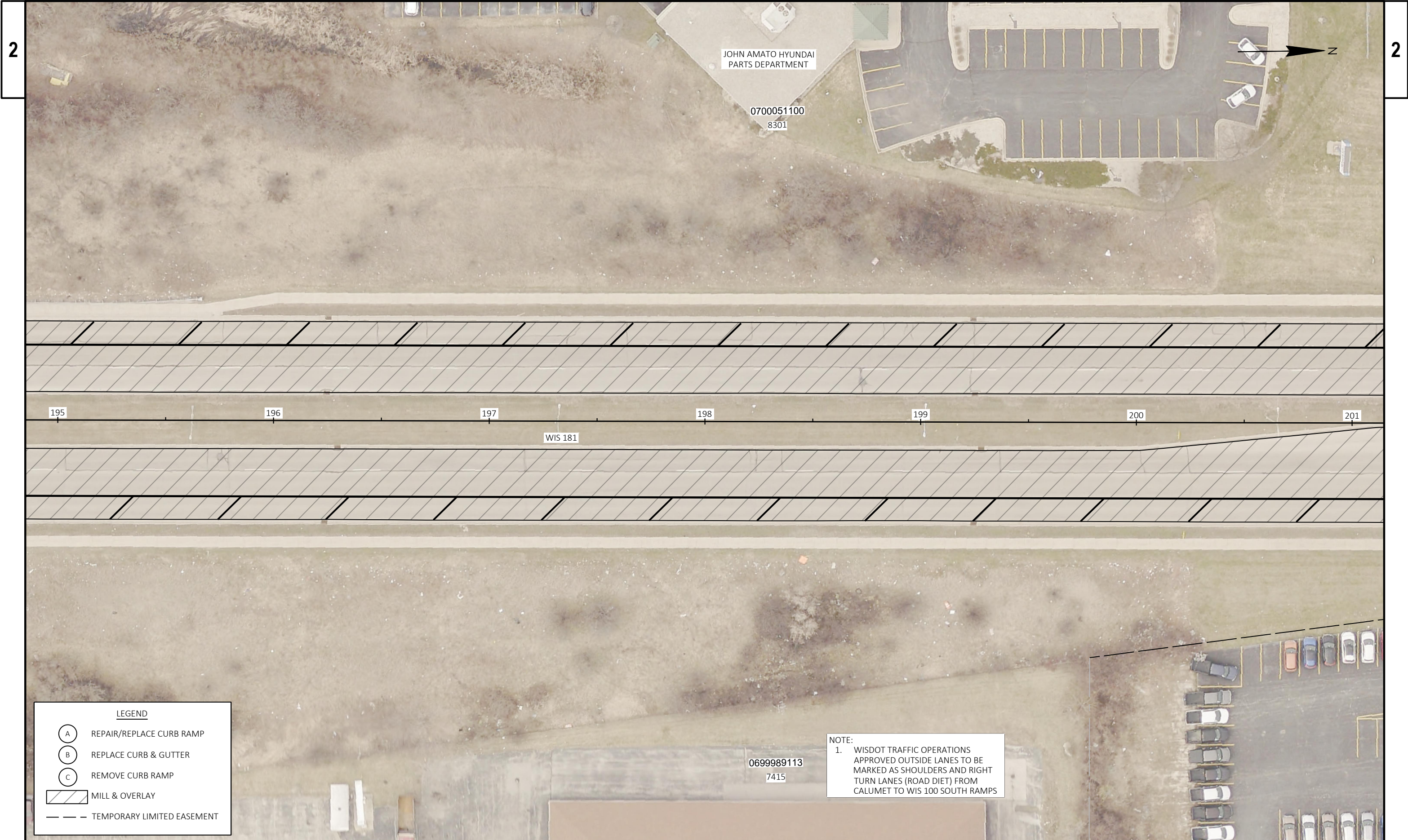
REMOVE CURB RAMP

MILL & OVERLAY

TEMPORARY LIMITED EASEMENT







2

2

LEGEND

A

REPAIR/REPLACE CURB RAMP

B

REPLACE CURB & GUTTER

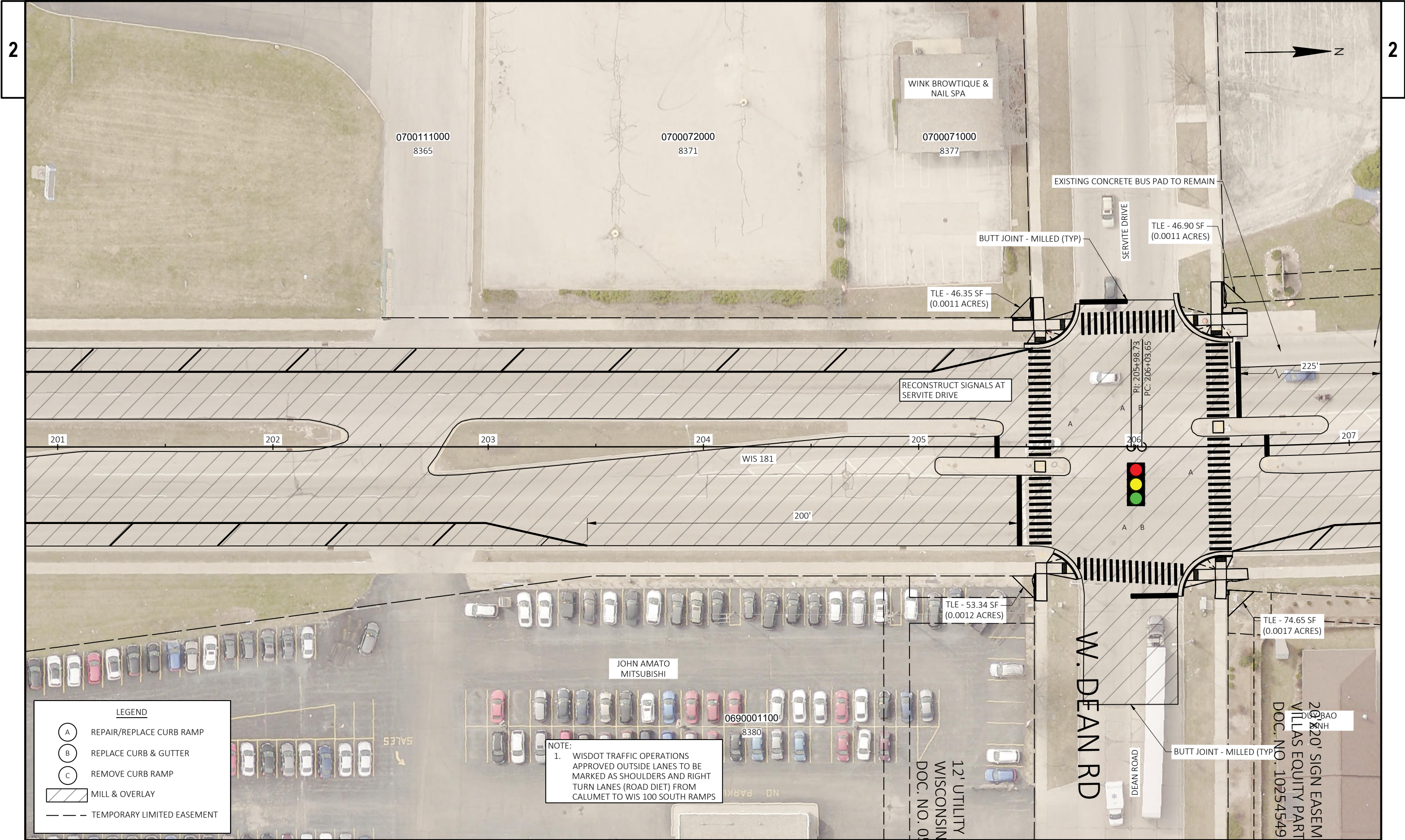
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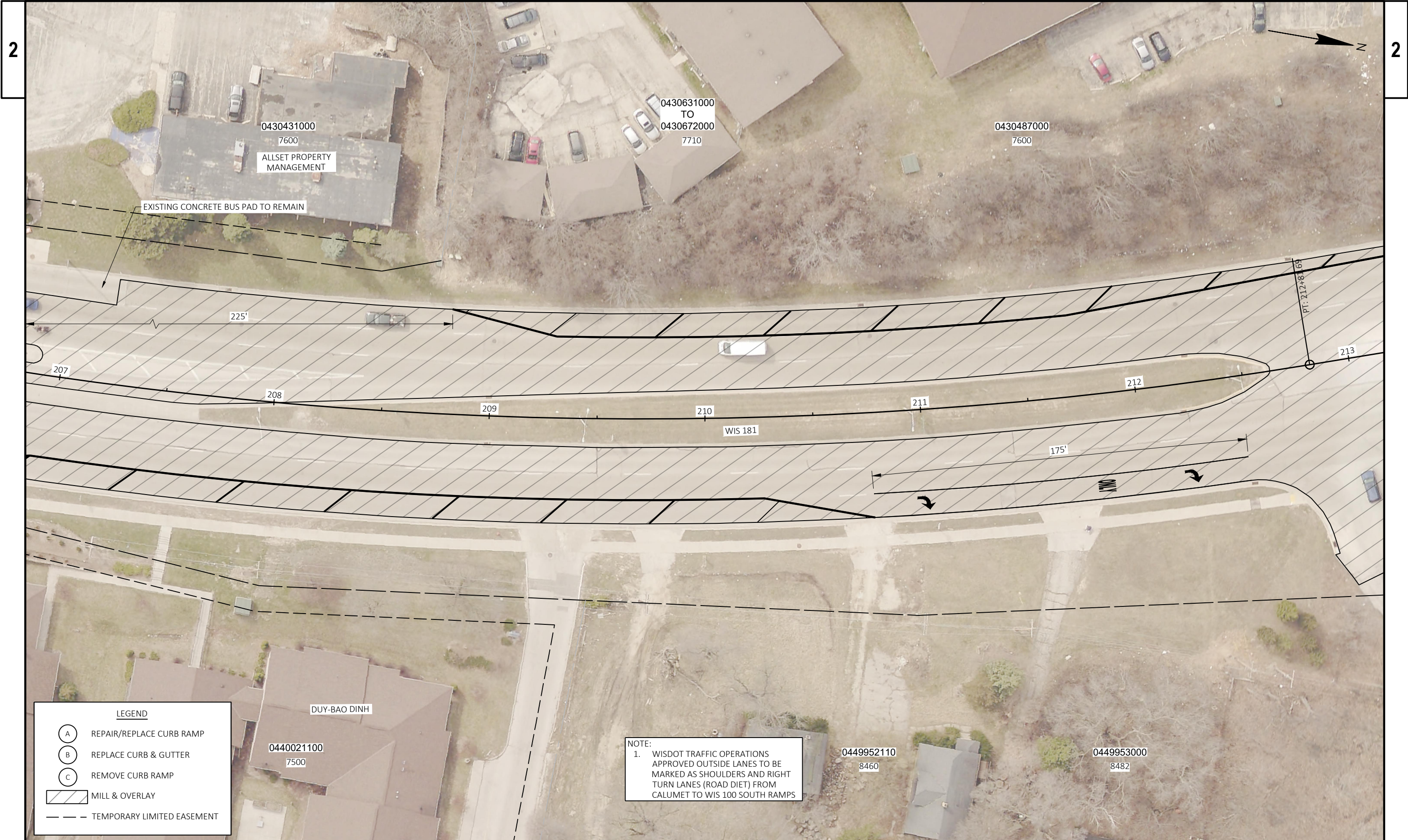
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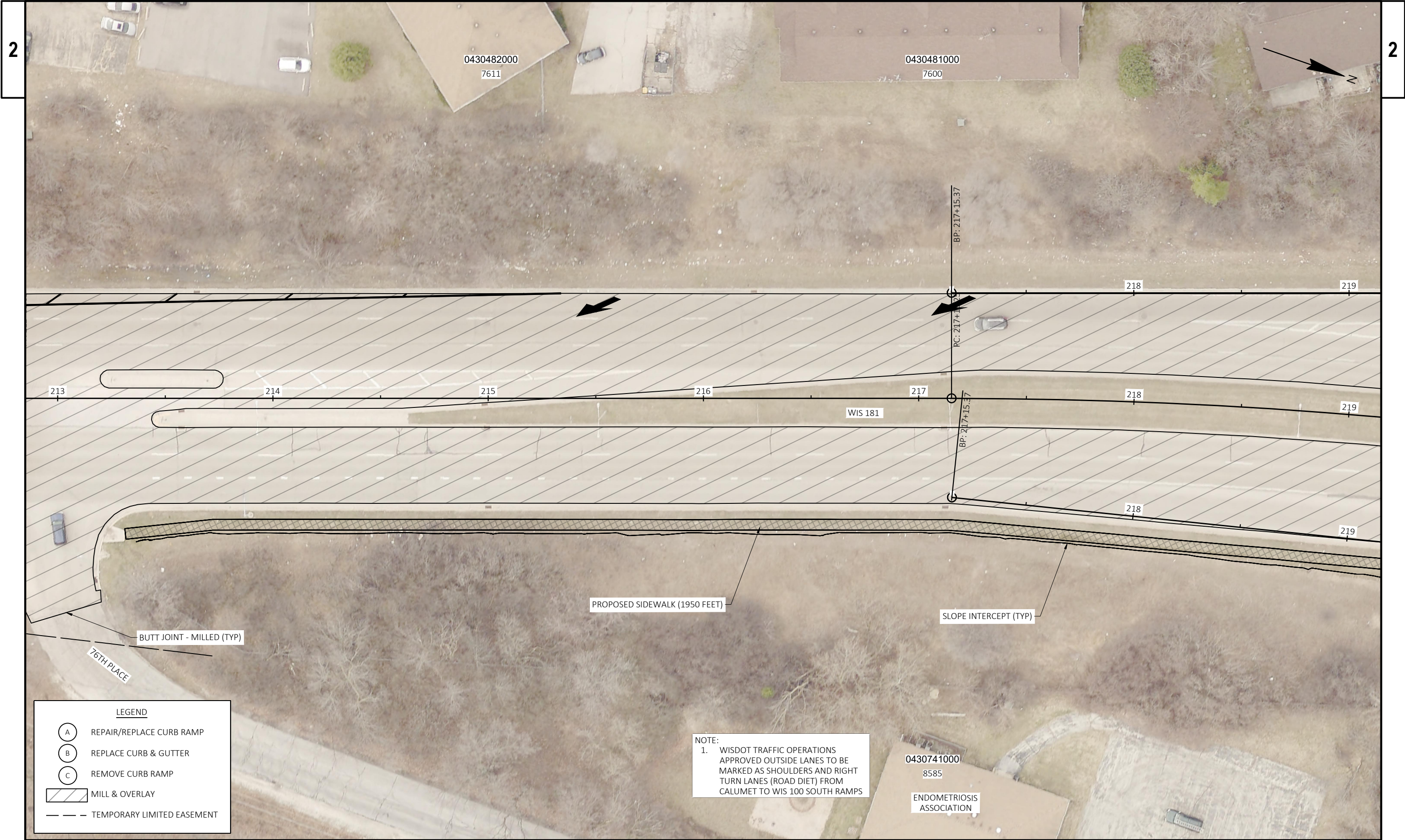
MILL & OVERLAY

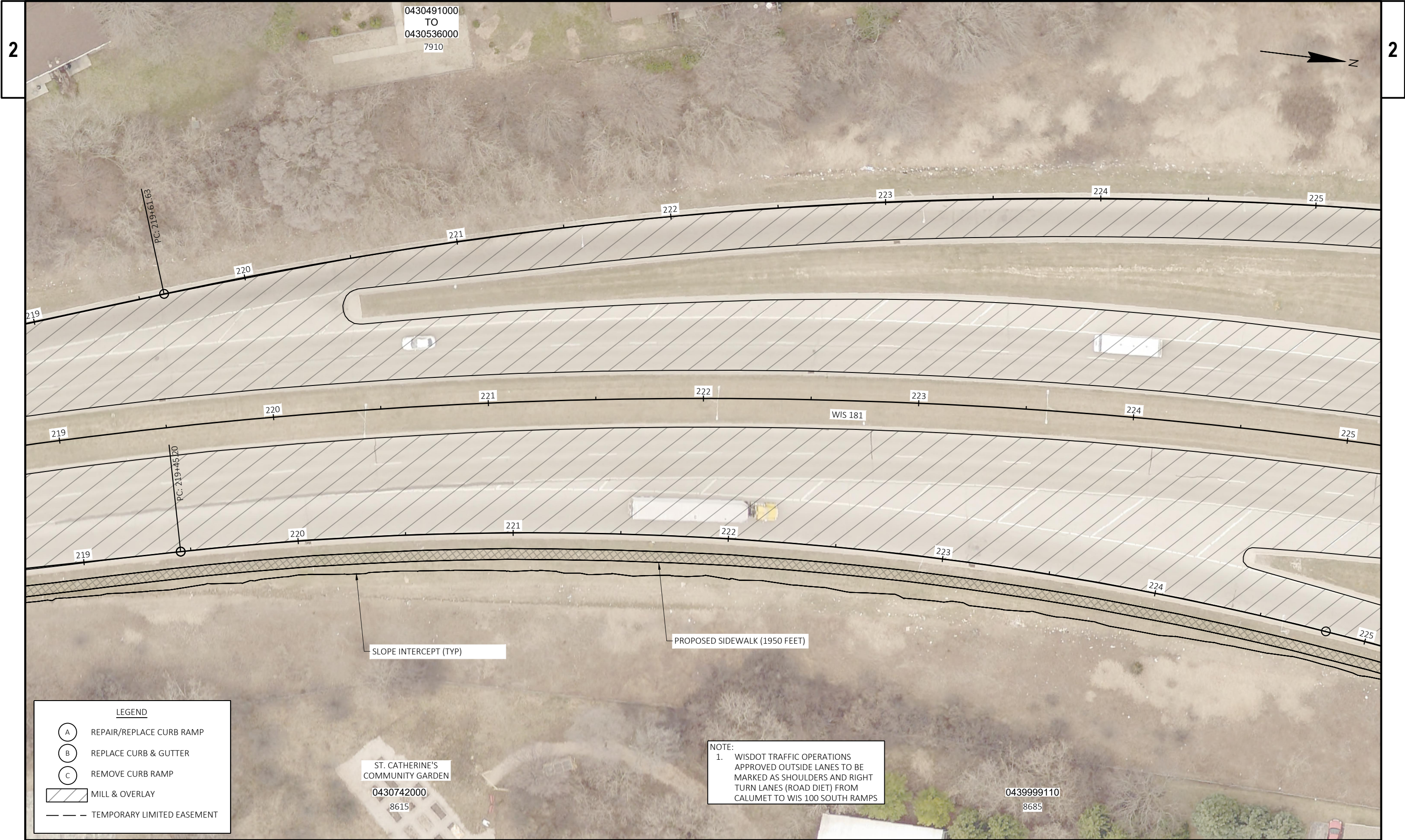
TEMPORARY LIMITED EASEMENT

NOTE:
1. WISDOT TRAFFIC OPERATIONS
APPROVED OUTSIDE LANES TO BE
MARKED AS SHOULDERS AND RIGHT
TURN LANES (ROAD DIET) FROM
CALUMET TO WIS 100 SOUTH RAMPS









0430491000
TO
0430536000
7910

PC: 219+61.63

PC: 219+45.20

ST. CATHERINE'S
COMMUNITY GARDEN
0430742000
8615

0439999110
8685

NOTE:
1. WISDOT TRAFFIC OPERATIONS
APPROVED OUTSIDE LANES TO BE
MARKED AS SHOULDERS AND RIGHT
TURN LANES (ROAD DIET) FROM
CALUMET TO WIS 100 SOUTH RAMP

LEGEND

A

REPAIR/REPLACE CURB RAMP

B

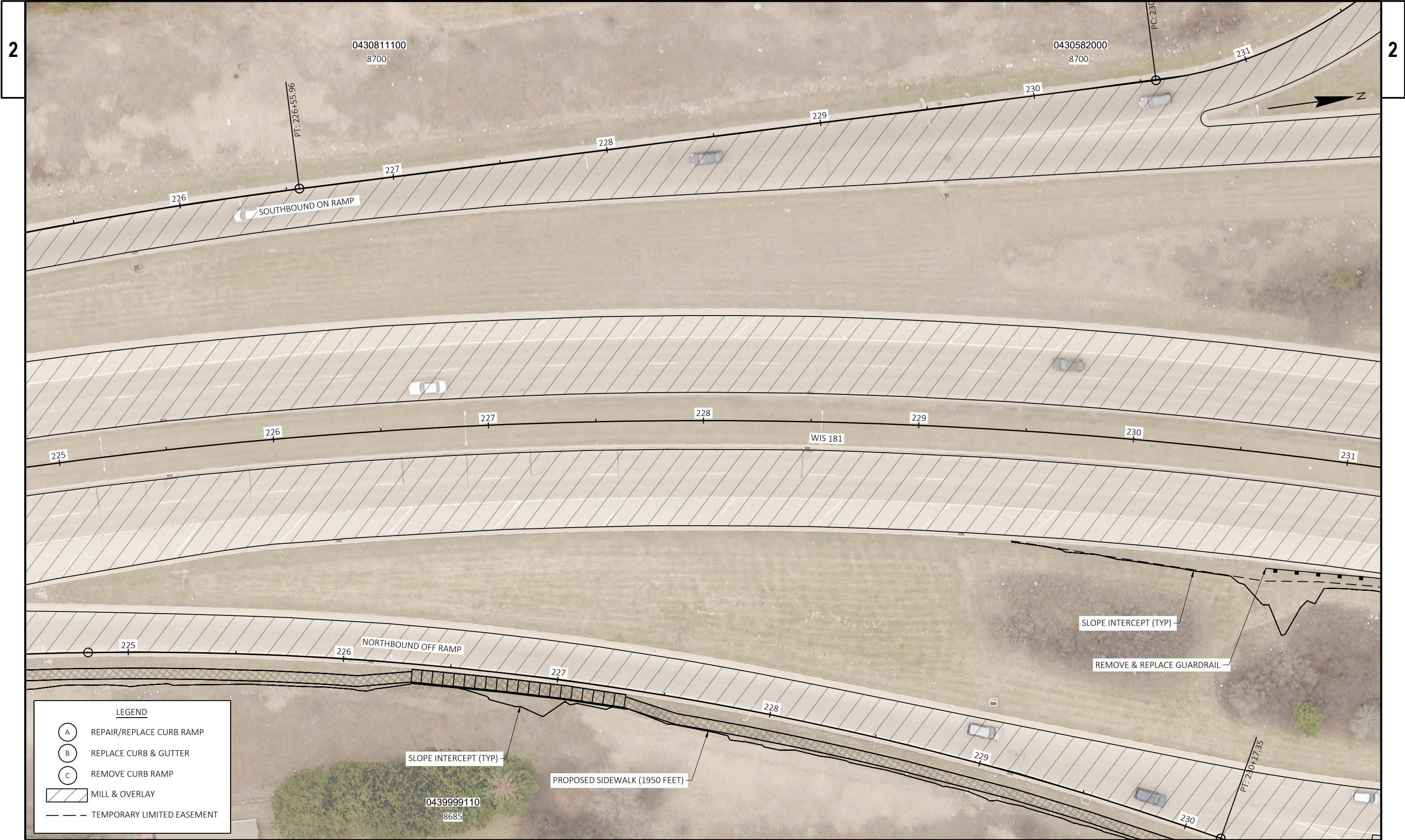
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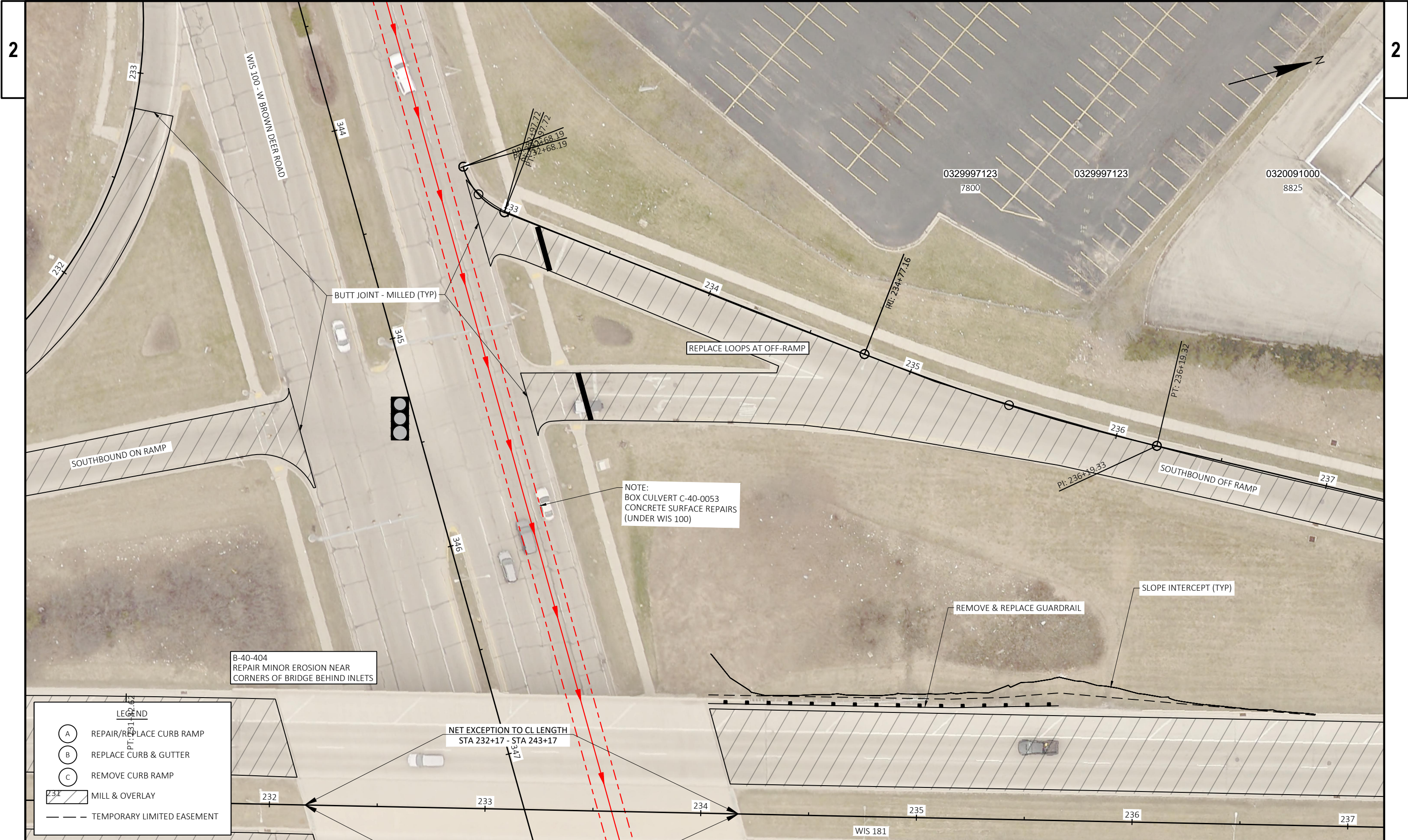
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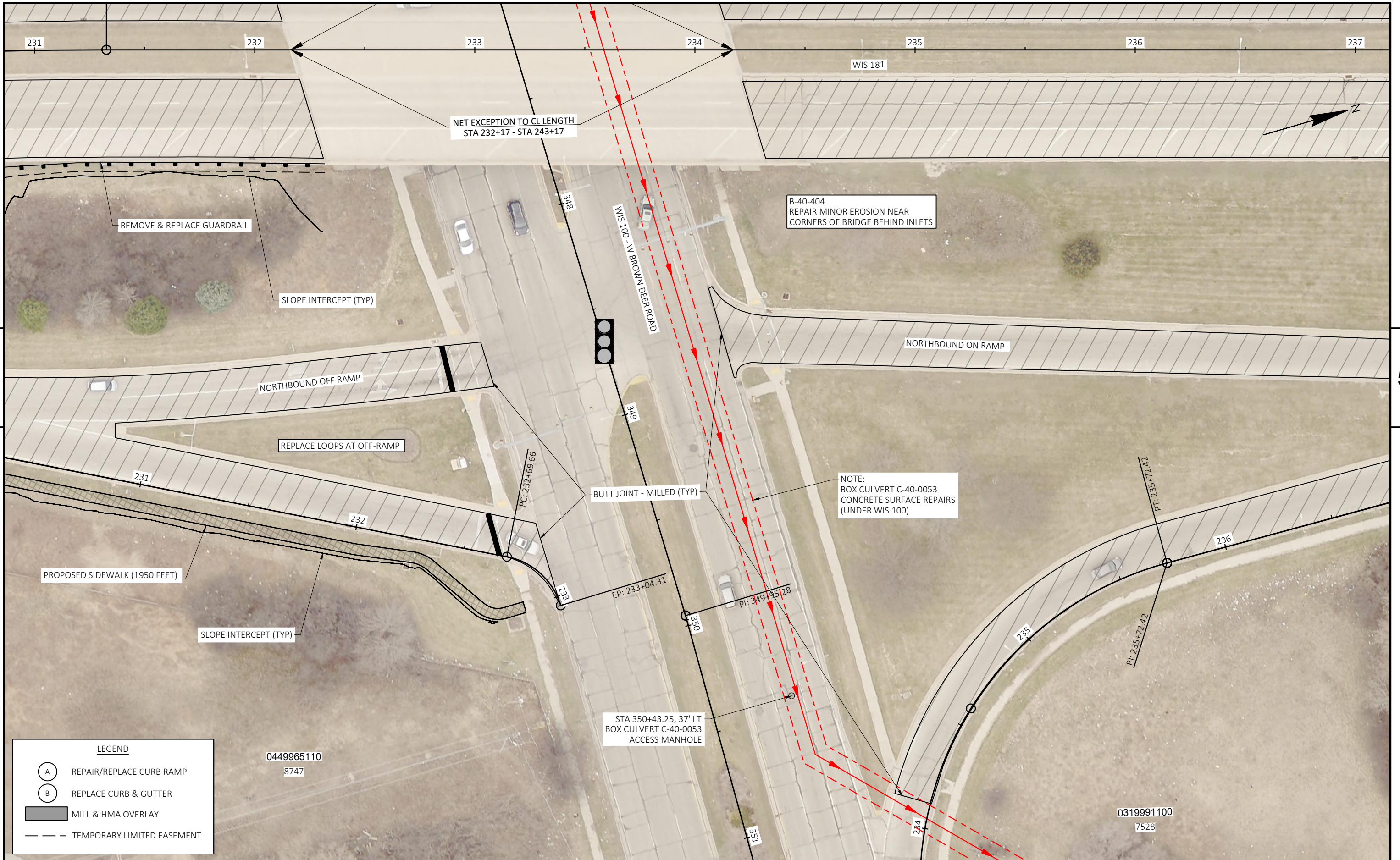
REMOVE CURB RAMP

MILL & OVERLAY

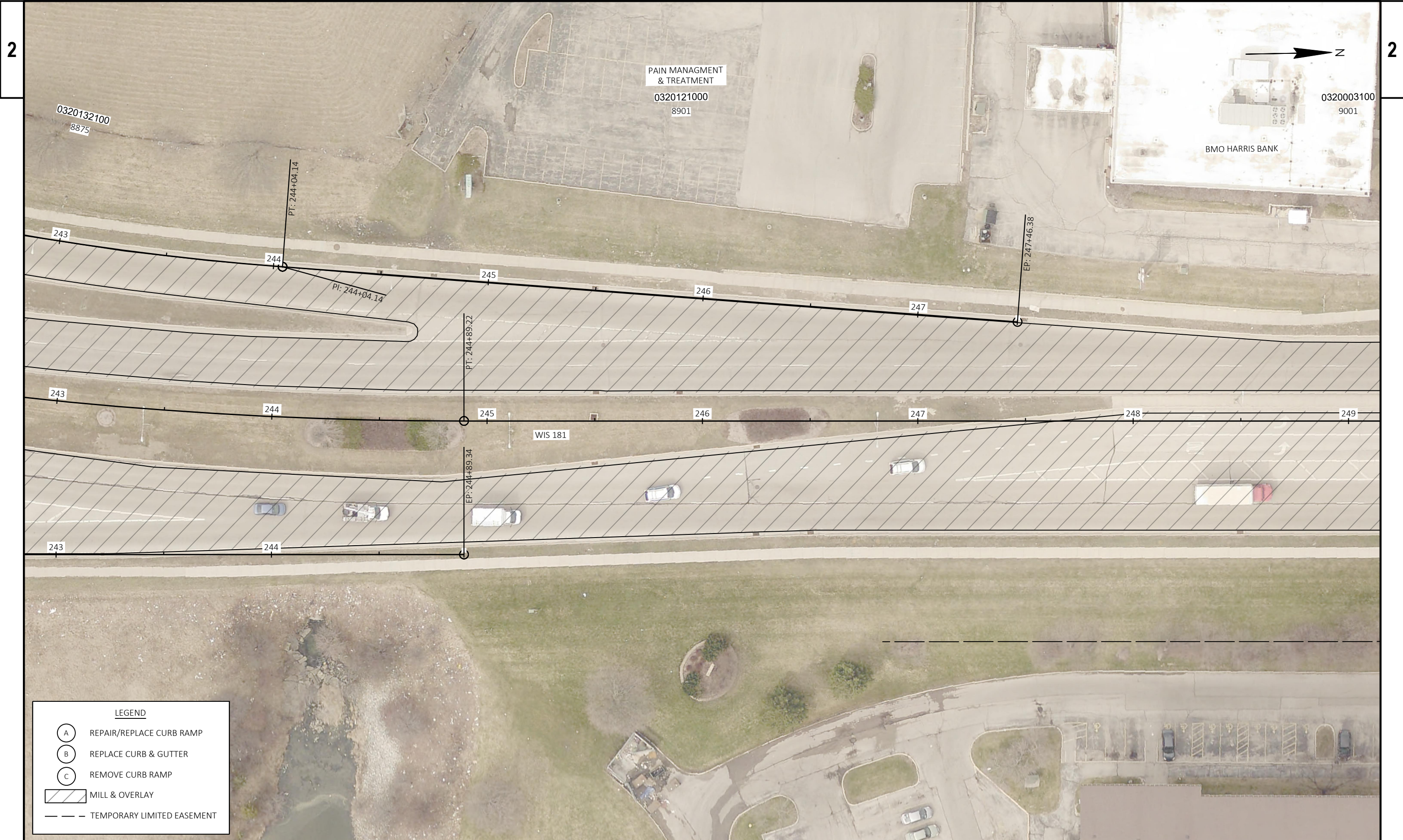
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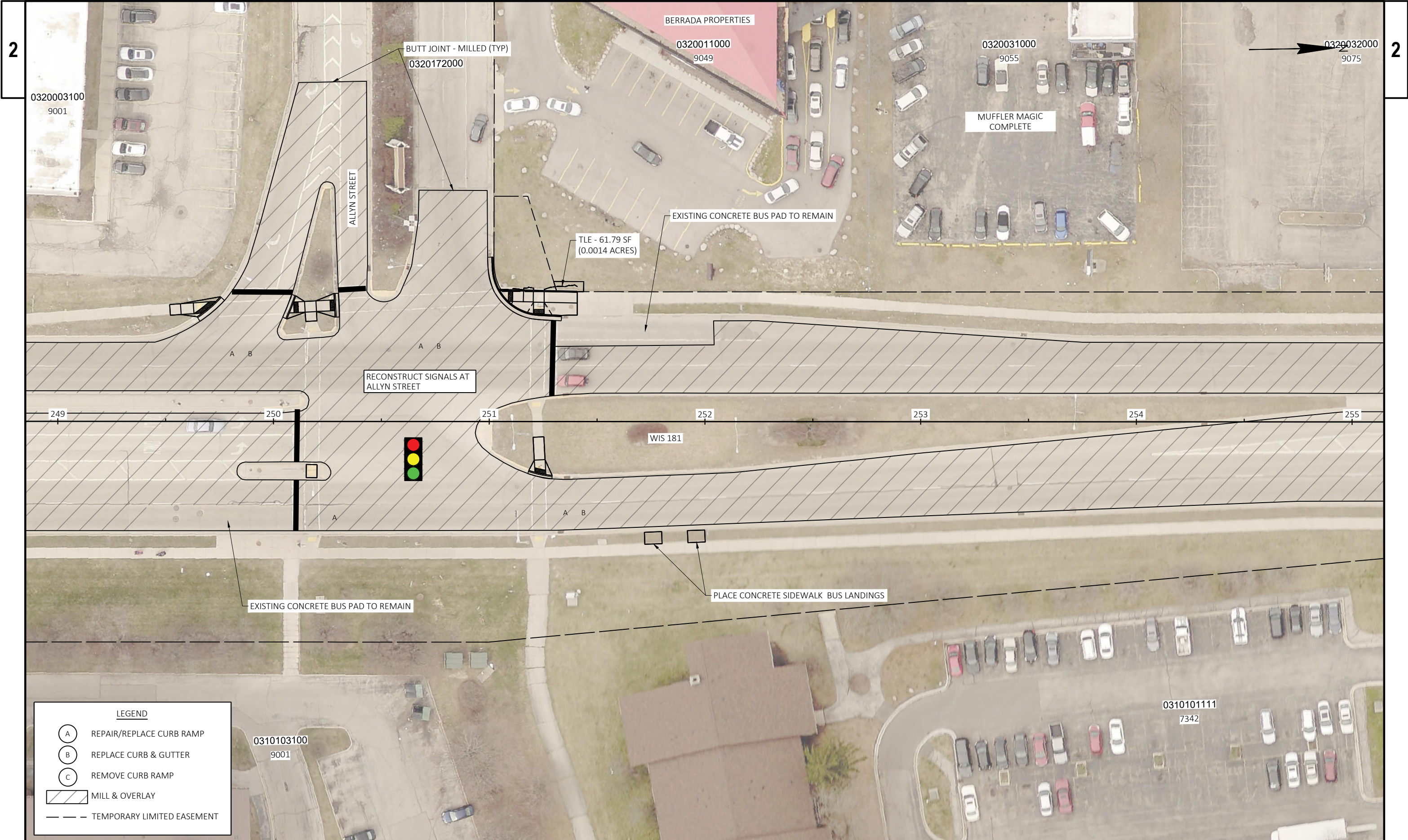


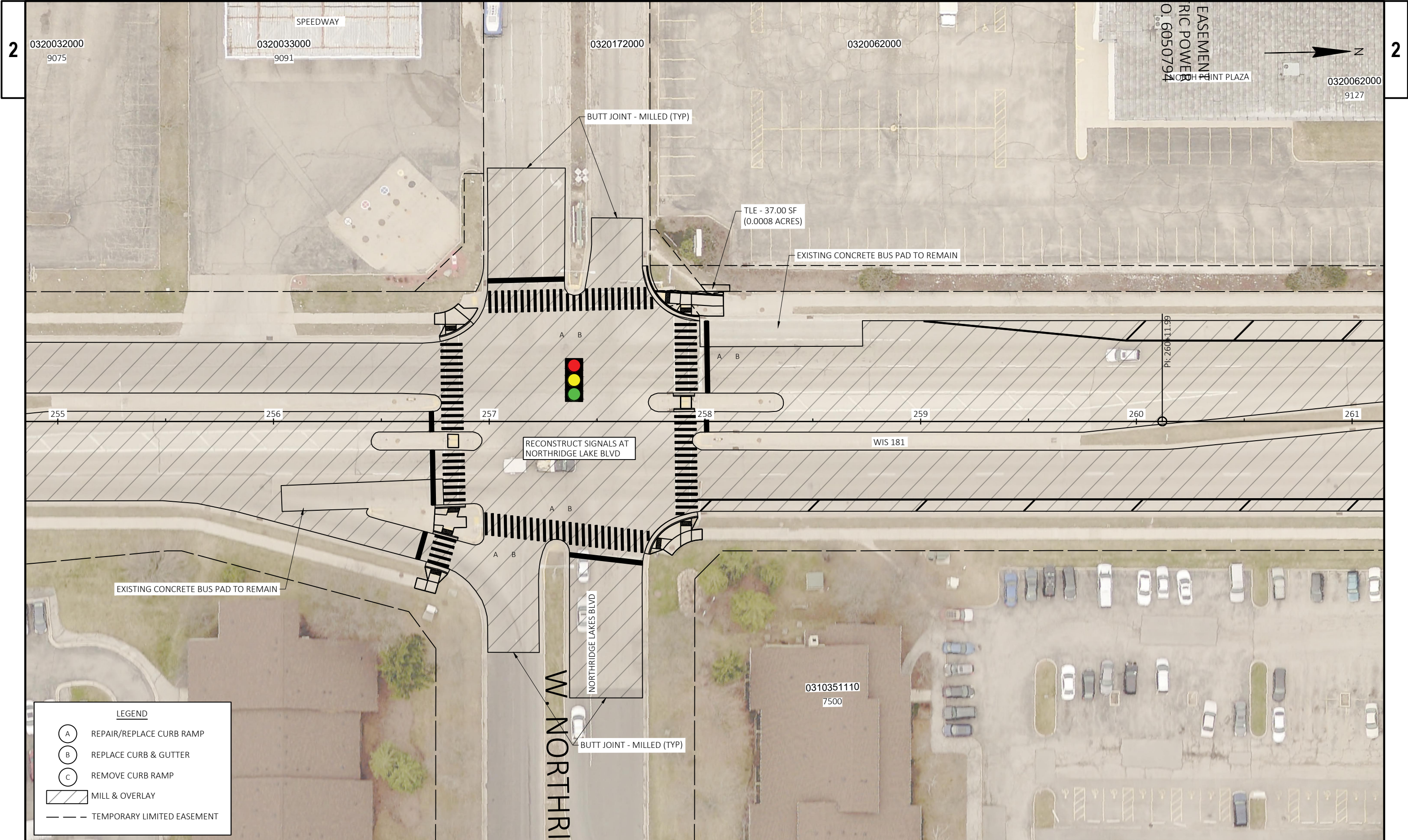


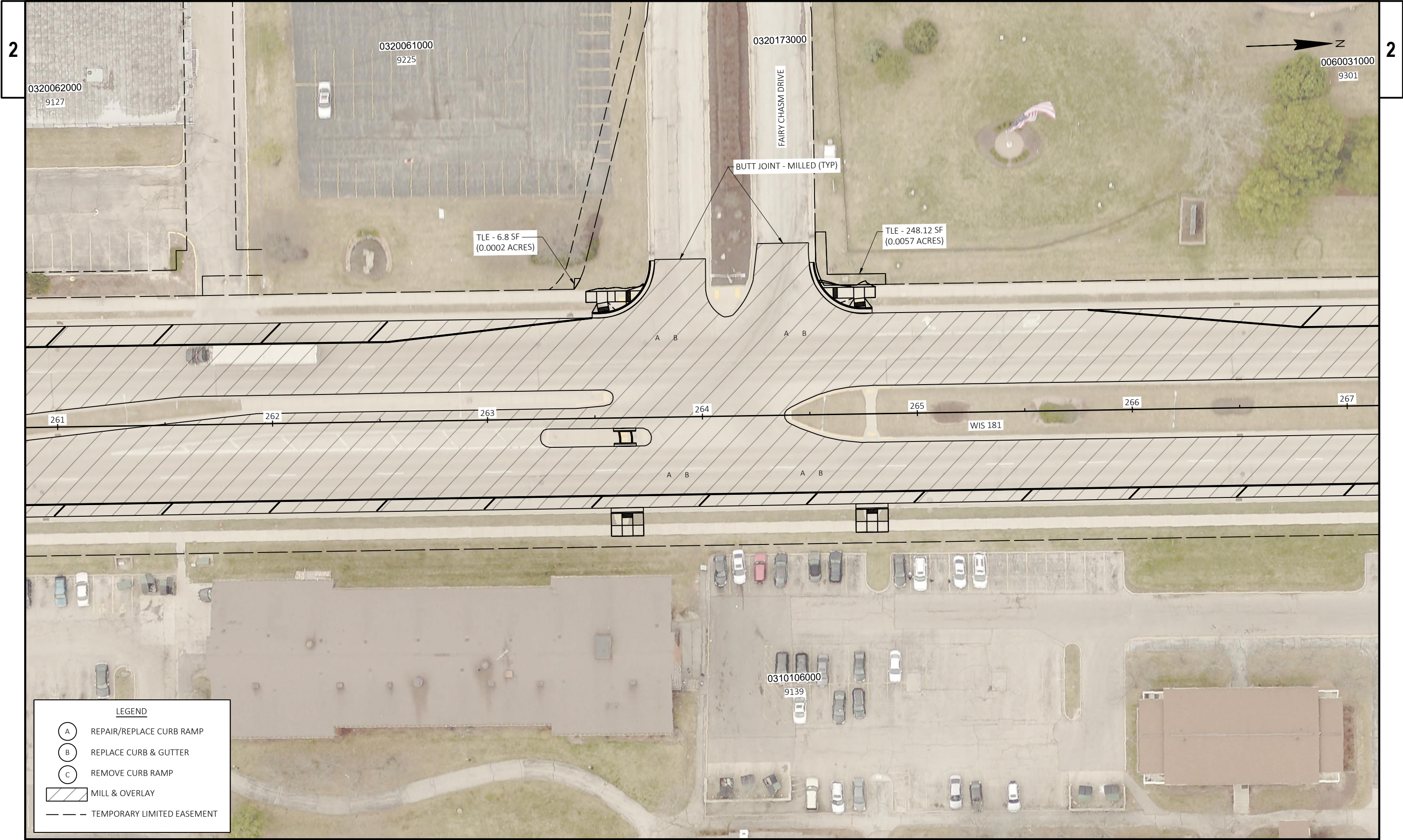


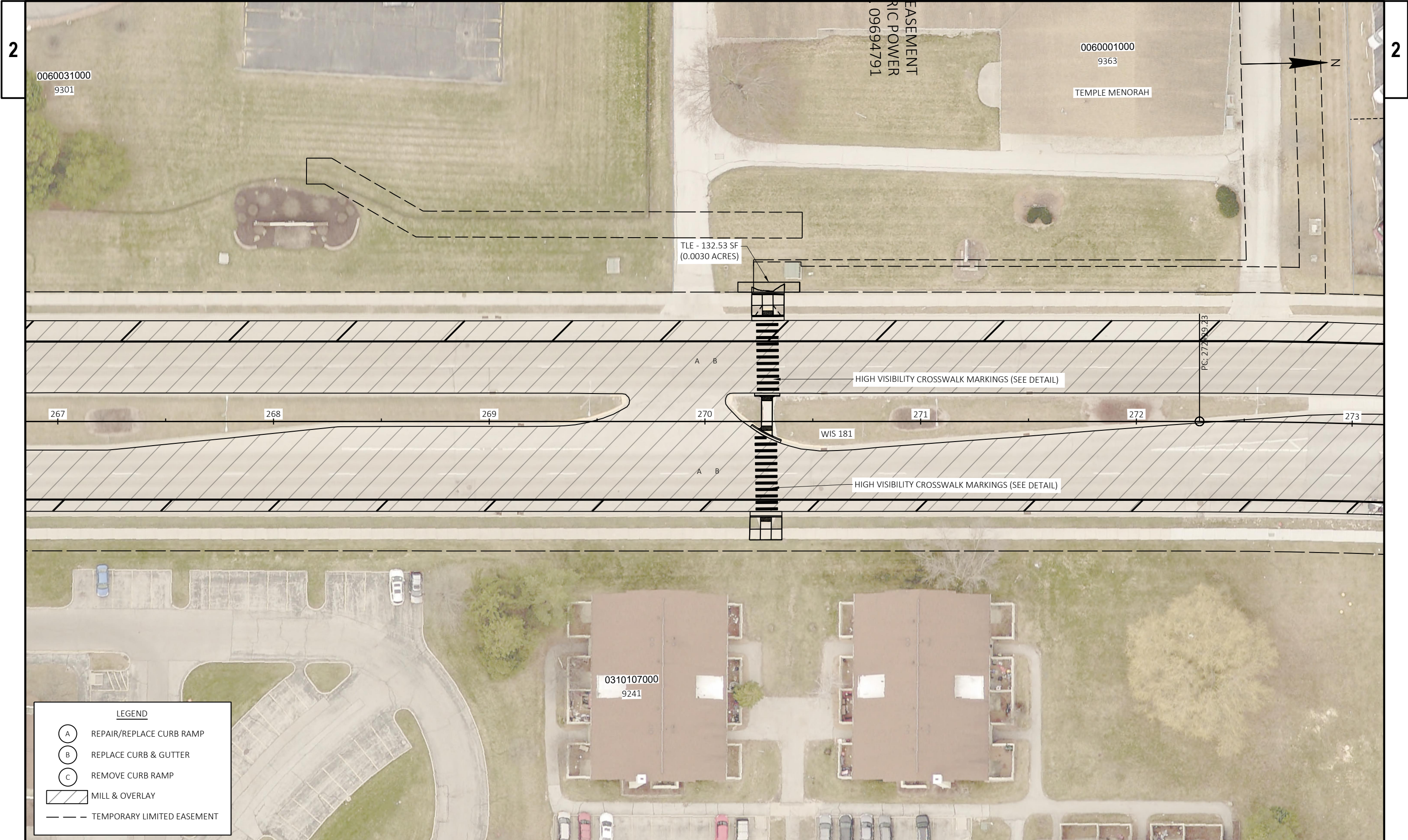


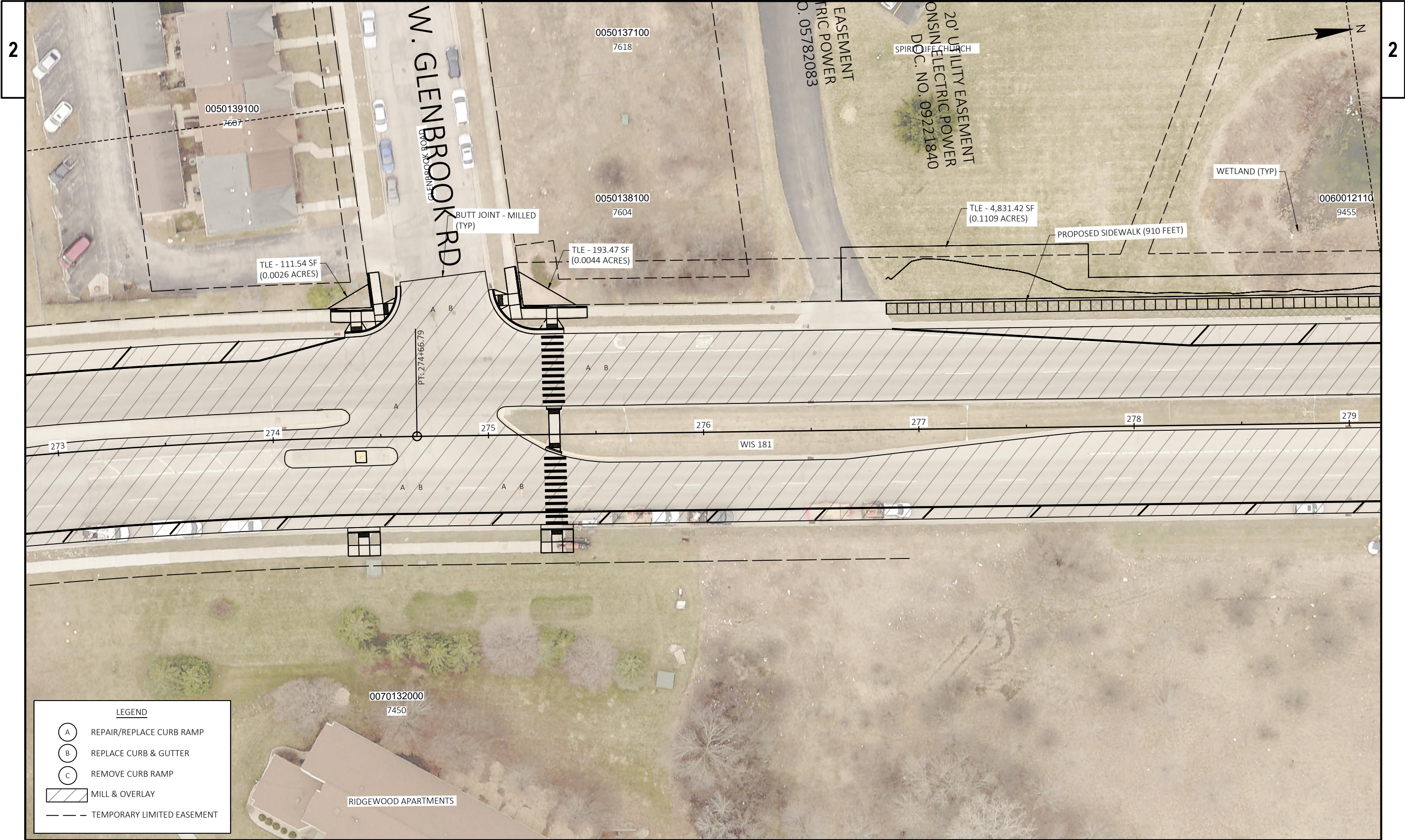














LEGEND

A

REPAIR/REPLACE CURB RAMP

B

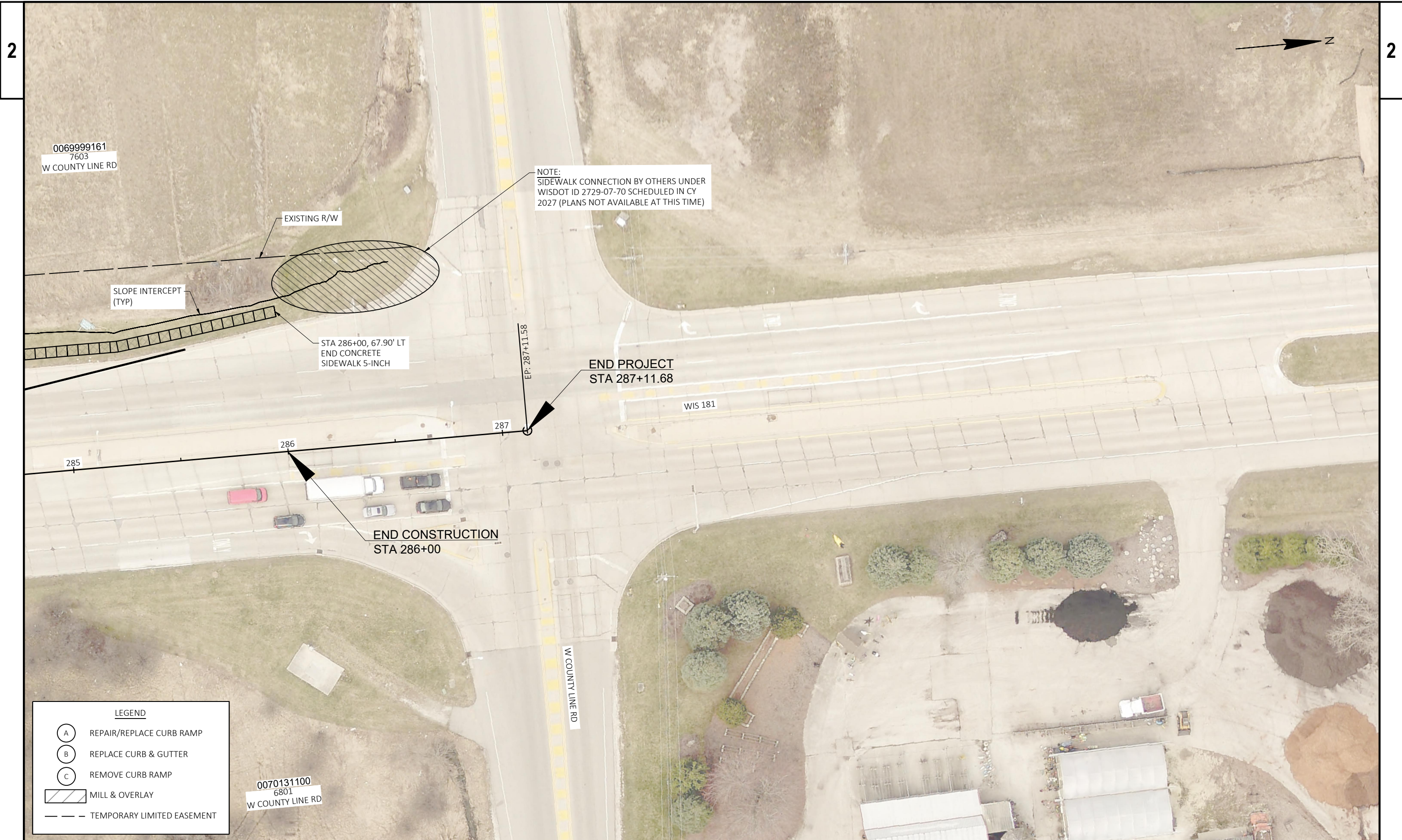
REPLACE CURB & GUTTER

C

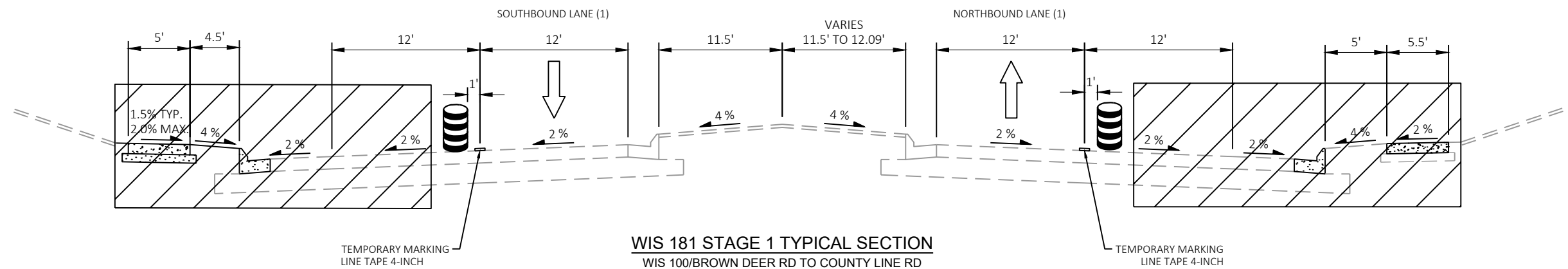
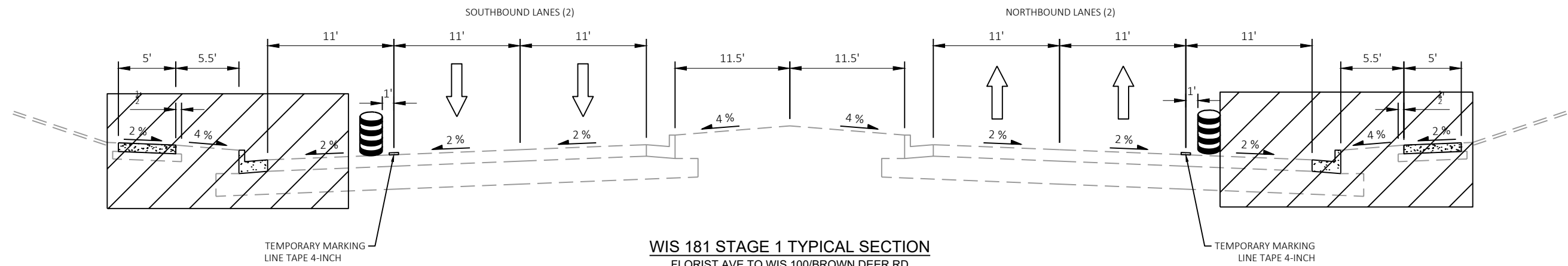
REMOVE CURB RAMP

MILL & OVERLAY

TEMPORARY LIMITED EASEMENT







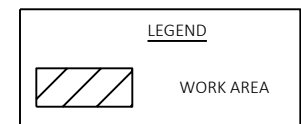
WORK ZONE TRAFFIC CONTROL STAGE 1

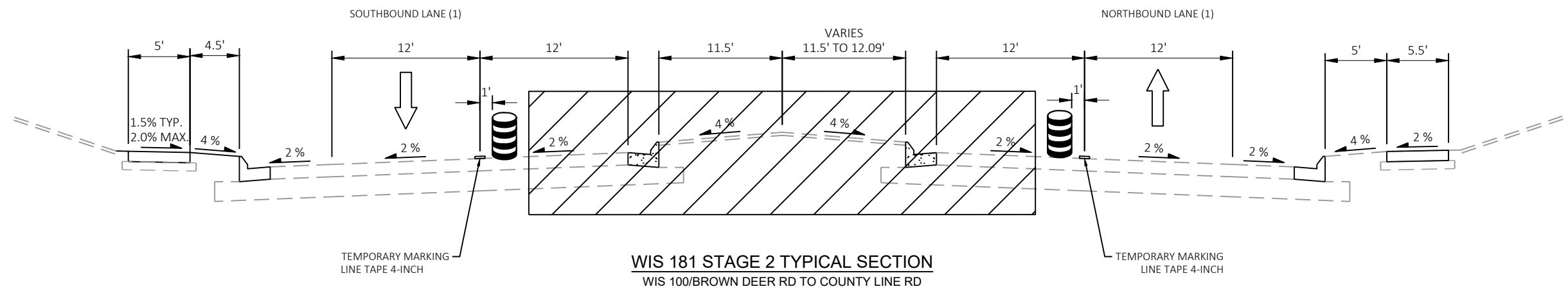
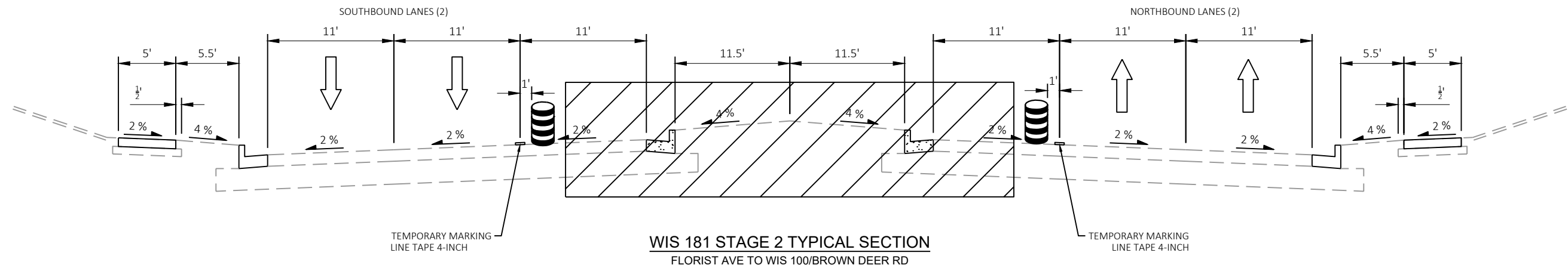
WORK IN THIS STAGE INCLUDES:

- CURB RAMP & CURB AND GUTTER INSTALLATIONS
- TEMPORARY TRAFFIC SIGNAL INSTALLATIONS
- ASPHALT BASE PATCHING
- BEAMGUARD REPLACEMENT
- NEW SIDEWALK CONSTRUCTION AT BROWN DEER NB OFF-RAMP & NEAR COUNTY LINE RD (WEST SIDE)

TRAFFIC:

- FLORIST AVE TO BROWN DEER RD - OUTSIDE LANES WILL BE CLOSED IN EACH DIRECTION (TRAFFIC WILL BE MAINTAINED IN 2 INSIDE LANES).
- BROWN DEER RD TO COUNTY LINE RD - OUTSIDE LANES WILL BE CLOSED (TRAFFIC WILL BE MAINTAINED IN 1 INSIDE LANE)
- BROWN DEER RD NB EXIT RAMP WILL BE CLOSED DURING THIS STAGE
- ACCESS TO PROPERTIES/BUSINESSES MAINTAINED AT ALL TIMES





WORK ZONE TRAFFIC CONTROL STAGE 2

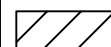
WORK IN THIS STAGE INCLUDES:

- MEDIAN WORK (CURB RAMPS & CURB AND GUTTER)
- ASPHALT BASE PATCHING
- BEAMGUARD REPLACEMENT (INSIDE)

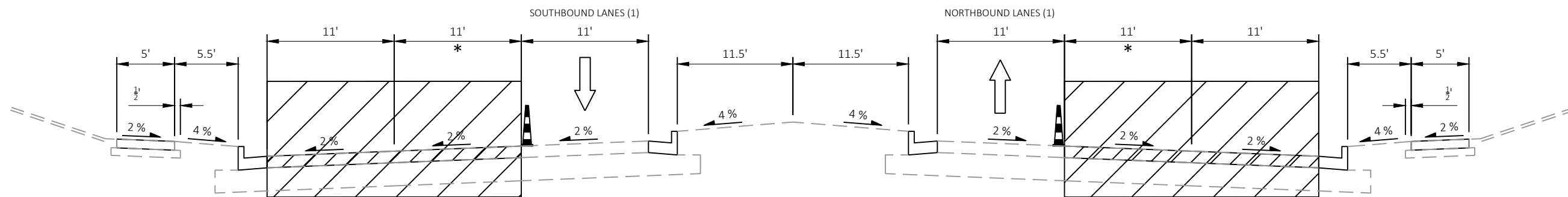
TRAFFIC:

- FLORIST AVE TO BROWN DEER RD - INSIDE LANE WILL BE CLOSED IN EACH DIRECTION (TRAFFIC WILL BE MAINTAINED IN 2 OUTSIDE LANES)
- BROWN DEER RD TO COUNTY LINE RD - INSIDE LANE WILL BE CLOSED IN EACH DIRECTION (TRAFFIC WILL BE MAINTAINED IN 1 OUTSIDE LANE)
- PROVISIONS FOR LEFT TURNS AT MAJOR INTERSECTIONS DURING THIS STAGE
- ACCESS TO PROPERTIES/BUSINESSES MAINTAINED AT ALL TIMES

LEGEND

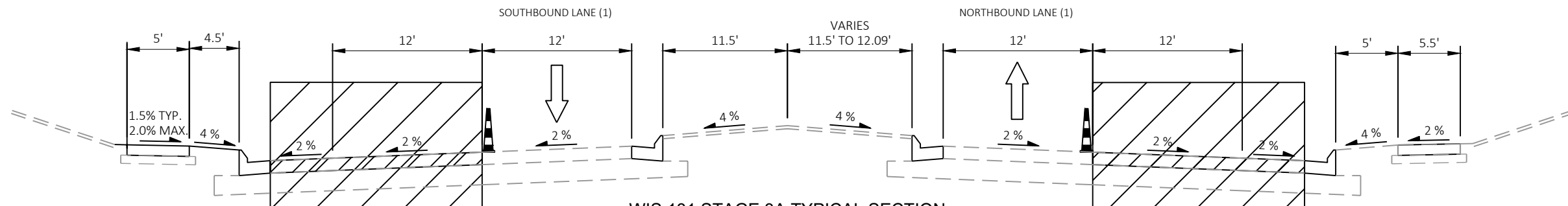


WORK AREA



WIS 181 STAGE 3A TYPICAL SECTION
FLORIST AVE TO WIS 100/BROWN DEER RD

* 2 INSIDE LANES MAINTAINED IN EACH DIRECTION SOUTH OF TOWER DRIVE DURING AM AND PM PEAK TIMES ONLY



WIS 181 STAGE 3A TYPICAL SECTION
WIS 100/BROWN DEER RD TO COUNTY LINE RD

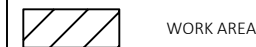
WORK ZONE TRAFFIC CONTROL STAGE 3A

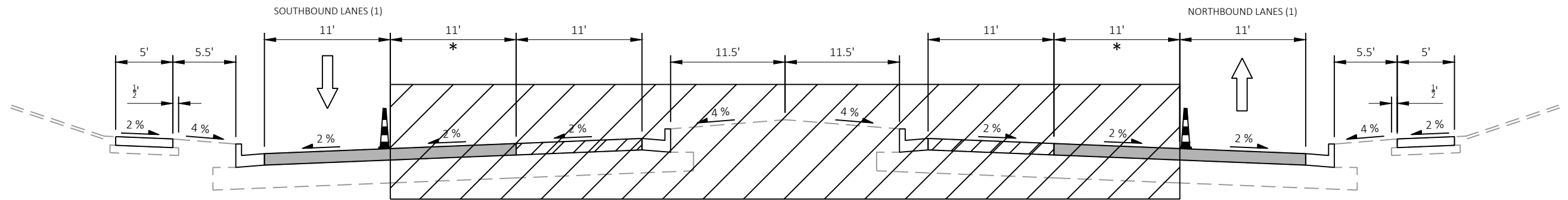
WORK IN THIS STAGE INCLUDES:
- ASPHALT MILLING & PAVING.

TRAFFIC:

- FLORIST AVE TO BROWN DEER RD - 2 OUTSIDE LANES WILL BE CLOSED IN EACH DIRECTION (EXCEPT DURING PEAK TIMES, SEE * ABOVE)
- BROWN DEER RD TO COUNTY LINE RD - OUTSIDE LANE WILL BE CLOSED IN EACH DIRECTION
- ACCESS TO PROPERTIES/BUSINESSES MAINTAINED AT ALL TIMES

LEGEND

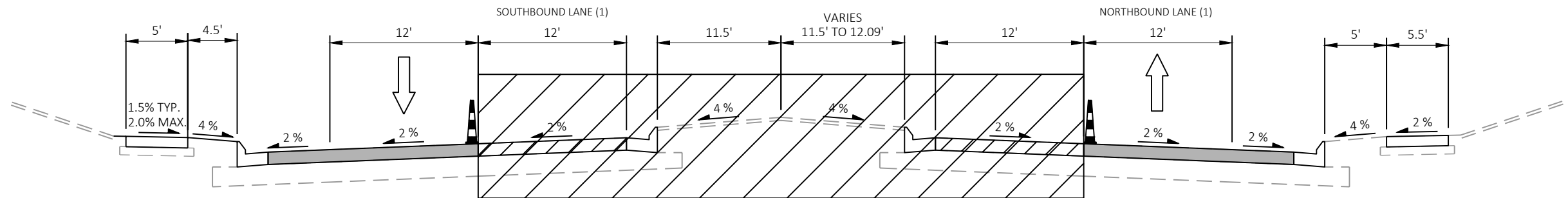




WIS 181 STAGE 3B TYPICAL SECTION

FLORIST AVE TO WIS 100/BROWN DEER RD

* 2 INSIDE LANES MAINTAINED IN EACH DIRECTION SOUTH OF TOWER DRIVE DURING AM AND PM PEAK TIMES ONLY



WIS 181 STAGE 3B TYPICAL SECTION

WIS 100/BROWN DEER RD TO COUNTY LINE RD

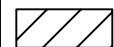
WORK ZONE TRAFFIC CONTROL STAGE 3B

WORK IN THIS STAGE INCLUDES:
- ASPHALT MILLING & PAVING

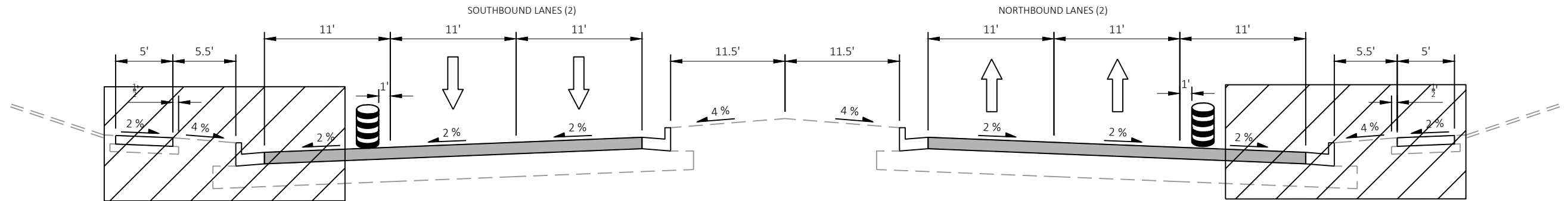
TRAFFIC:

- FLORIST AVE TO BROWN DEER RD - 2 INSIDE LANES WILL BE CLOSED IN EACH DIRECTION (EXCEPT DURING PEAK TIMES, SEE * ABOVE)
- BROWN DEER RD TO COUNTY LINE RD - INSIDE LANE WILL BE CLOSED IN EACH DIRECTION
- PROVISIONS FOR LEFT TURNS AT MAJOR INTERSECTIONS DURING THIS STAGE
- ACCESS TO PROPERTIES/BUSINESSES MAINTAINED AT ALL TIMES

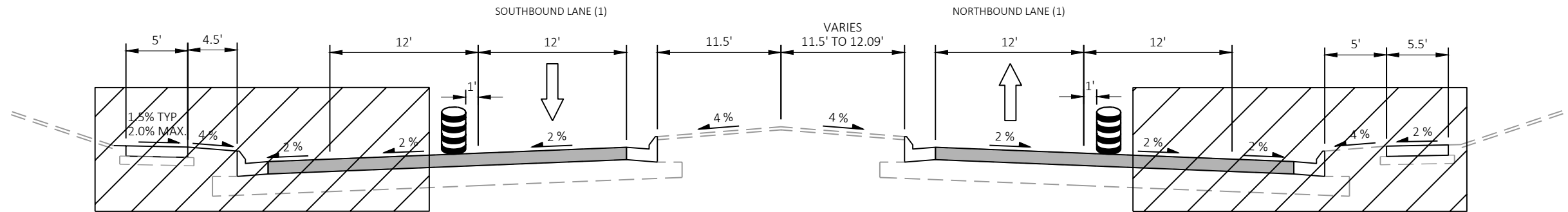
LEGEND



WORK AREA



WIS 181 STAGE 4A TYPICAL SECTION
FLORIST AVE TO WIS 100/BROWN DEER RD



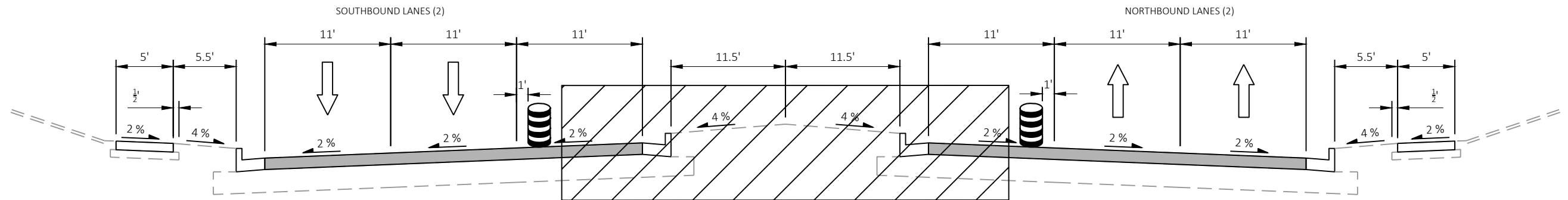
WIS 181 STAGE 4A TYPICAL SECTION
WIS 100/BROWN DEER RD TO COUNTY LINE RD

WORK ZONE TRAFFIC CONTROL STAGE 4A

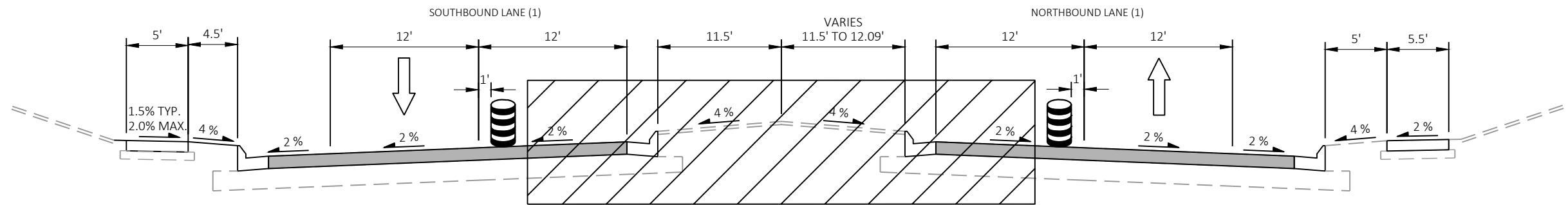
- WORK IN THIS STAGE INCLUDES:
- PERMANENT TRAFFIC SIGNAL INSTALLATIONS
 - FINISHING WORK
- TRAFFIC:
- FLORIST AVE TO COUNTY LINE RD - OUTSIDE LANE WILL BE CLOSED IN EACH DIRECTION
 - ACCESS TO PROPERTIES/BUSINESSES MAINTAINED AT ALL TIMES

LEGEND





WIS 181 STAGE 4B TYPICAL SECTION
FLORIST AVE TO WIS 100/BROWN DEER RD



WIS 181 STAGE 4B TYPICAL SECTION
WIS 100/BROWN DEER RD TO COUNTY LINE RD

WORK ZONE TRAFFIC CONTROL STAGE 4B

- WORK IN THIS STAGE INCLUDES:
- PERMANENT TRAFFIC SIGNAL INSTALLATIONS
 - FINISHING WORK
- TRAFFIC:
- FLORIST AVE TO COUNTY LINE RD - INSIDE LANE WILL BE CLOSED IN EACH DIRECTION
 - ACCESS TO PROPERTIES/BUSINESSES MAINTAINED AT ALL TIMES

LEGEND



EPlans Preliminary Sheet Numbering Tool

This sheet: ftp://ftp.dot.state.wi.us/transp/roads/eplans/prelim_sheet_numbers.pdf

Notes

- Acrobat 5 or higher is required to use this tool.
- The Bureau of Highway Construction places sheet numbers in the final plan.
- This sheet is for placing preliminary sheet numbers with a "PRE_" prefix.
- If a plan contains multiple projects, number each plan individually.
- Leave this sheet in the plan.

TO ADD PRELIMINARY SHEET NUMBERS

- 1. Insert this sheet at the end of the plan**
 - a. With the plan open in Acrobat, select Document > Insert Pages.
 - b. In the Select File to Insert dialog box, select this file (prelim_sheet_numbers.pdf)
 - c. In the Insert dialog box, choose After for Location and Last page for Page.
 - d. Click OK.
- 2. Click the Place Preliminary Sheet Numbers button**
 - a. Go to the last sheet of the plan.
 - b. Click the Place Preliminary Sheet Numbers button once.
(The preliminary sheet number appears in the bottom right corner of the sheets.
The number should match te page number in the Acrobat Status bar).
- 3. Re-Save the PDF**
 - a. Select File > Save As and save the PDF.



TO REMOVE PRELIMINARY SHEET NUMBERS

