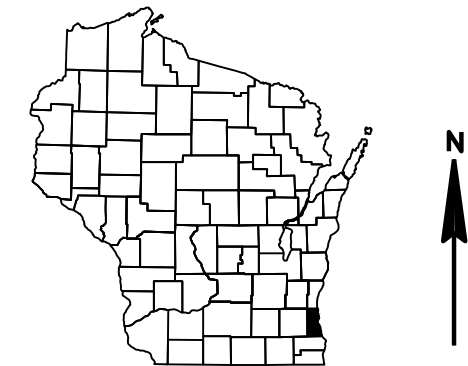


PROJECT ID:
WITH: 2010-03-72

COUNTY:
MILWAUKEE

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.	2027	=	19,600
A.A.D.T.	2047	=	21,300
D.H.V.		=	
D.D.		=	58/42
T.		=	4.4%
DESIGN SPEED		=	40 - 45 MPH
ESALS		=	1,000,000

CONVENTIONAL SYMBOLS

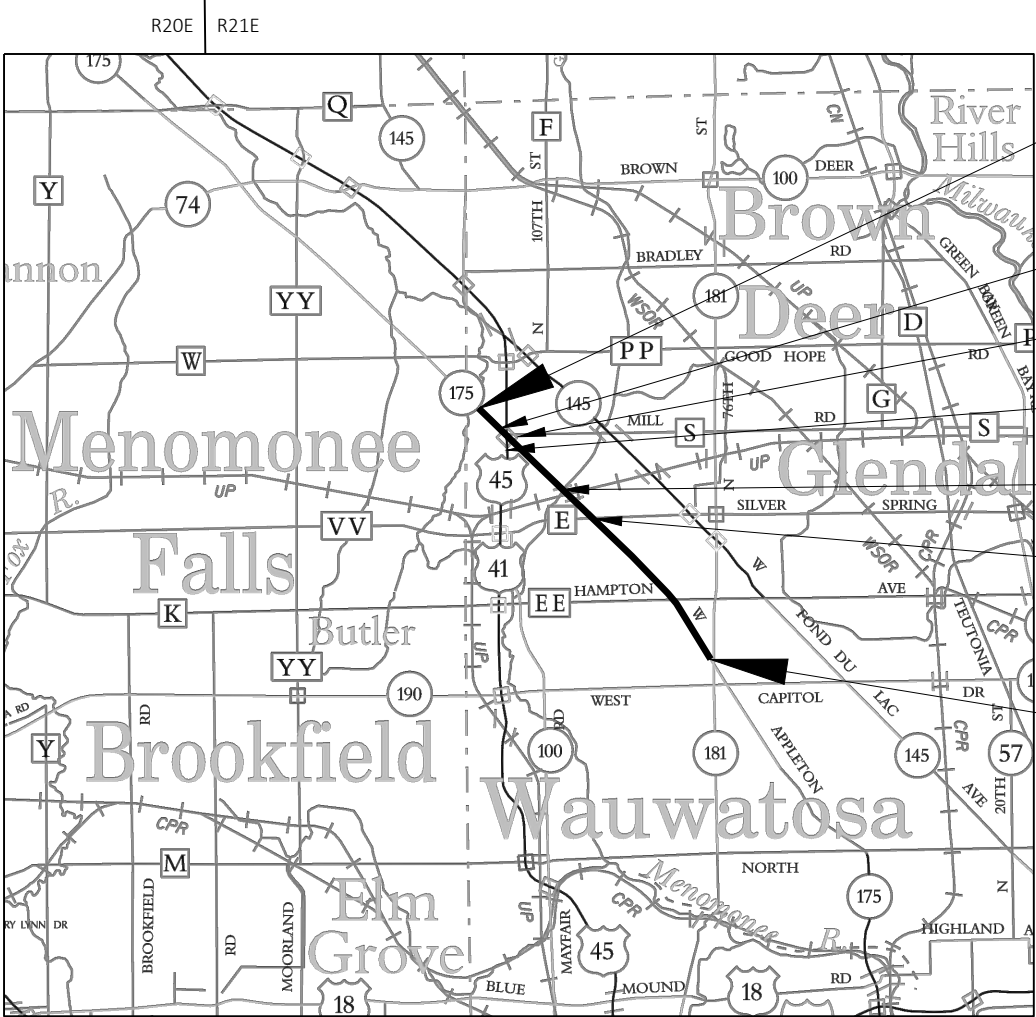
PLAN	
CORPORATE LIMITS	
PROPERTY LINE	
LOT LINE	
LIMITED HIGHWAY EASEMENT	
EXISTING RIGHT OF WAY	
PROPOSED OR NEW R/W LINE	
SLOPE INTERCEPT	
REFERENCE LINE	
EXISTING CULVERT	
PROPOSED CULVERT (Box or Pipe)	
COMBUSTIBLE FLUIDS	
MARSH AREA	
WOODED OR SHRUB AREA	

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	

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
PLAN OF PROPOSED IMPROVEMENT

APPLETON AVE
STH 181 TO IH-41
STH 175
MILWAUKEE

STATE PROJECT NUMBER
2010-03-72



LAYOUT
SCALE 0 2 MI

TOTAL NET LENGTH OF CENTERLINE = 4.467 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), MILWAUKEE COUNTY, NAD83 HYEAR, 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 12A.

END PROJECT
STA 95+67
X = 569917.4218
Y = 336719.3797

NET EXCEPTION TO C/L LENGTH SOUTHBOUND
0.03 MI. AT IH-41 INTERCHANGE FOR STRUCTURE B-40-0940

NET EXCEPTION TO C/L LENGTH NORTHBOUND
0.04 MI. AT IH-41 INTERCHANGE FOR STRUCTURE B-40-0355

NET EXCEPTION TO C/L LENGTH SOUTHBOUND
0.03 MI. AT IH-41 INTERCHANGE FOR STRUCTURE B-40-0354

NET EXCEPTION TO C/L LENGTH NORTHBOUND AND SOUTHBOUND
0.03 MI. AT LITTLE MENOMONEE RIVER FOR STRUCTURE B-40-0325 AND B-40-0326

NET EXCEPTION TO C/L LENGTH NORTHBOUND AND SOUTHBOUND
0.06 MI. AT SILVER SPRING DRIVE INTERCHANGE FOR STRUCTURE B-40-0328

BEGIN PROJECT
STA 202+94
X = 579824.3272
Y = 319803.8049

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
PREPARED BY	
Surveyor	SURVEYOR
Designer	JOSH WIESEN
Project Manager	RYAN MURPHY
Regional Examiner	REGIONAL EXAMINER
Regional Supervisor	REGIONAL SUPERVISOR
APPROVED FOR THE DEPARTMENT	
DATE:	(Signature)

E

GENERAL NOTES



- ALL CURB RAMP REPLACEMENTS SHOWN IN THE PLAN DETAILS WILL BE "TYPE 2 MODIFIED" CURB RAMPS UNLESS OTHERWISE NOTED.
- ALL CURB RAMP REPLACEMENT DESIGNS ARE ONLY TWO-DIMENSIONAL AND ARE, THUS, SUBJECT TO CHANGE AFTER FULL SURVEY DATA HAS BEEN DELIVERED IN FINAL DESIGN.
- THE TWO-DIMENSIONAL CURB RAMP REPLACEMENT DESIGNS ARE CONSIDERED CONSERVATIVE TO COVER THE MODIFICATIONS THAT WILL COME DURING FINAL DESIGN AND TO COVER ANY POTENTIAL REAL ESTATE ACQUISITION NEEDS.

(REMAINING NOTES WILL BE ADDED AFTER FINAL SCOPING PLAN)

STANDARD ABBREVIATIONS

AGG	AGGREGATE 3.75" LOWER 3 MT 58-28 S	NO	NUMBER
AADT	ANNUAL AVERAGE DAILY TRAFFIC	PAVT	PAVEMENT
ASPH	ASPHALT DRIVEWAY	PERM	PERMANENT
AVG	AVERAGE	PLE	PERMANENT LIMITED EASEMENT
ADT	AVERAGE DAILY TRAFFIC	PT	POINT
BM	BENCH MARK	PCC	PORTLAND CEMENT CONCRETE
CB	CATCH BASIN	PROJ	PROJECT
C/L	CENTERLINE	PL	PROPERTY LINE
CONC	CONCRETE	R/L	REFERENCE LINE
CO	COUNTY	RT	RIGHT
CTH	COUNTY TRUNK HIGHWAY	R/W	RIGHT-OF-WAY
CWT	HUNDREDWEIGHT	RD	ROAD
CY	CUBIC YARD	RDWY	ROADWAY
DHV	DESIGN HOUR VOLUME	SEC	SECTION
DIA	DIAMETER	SHLDR	SHOULDER
E	EAST	SW	SIDEWALK
X	EAST GRID COORDINATE	S	SOUTH
ELEC	ELECTRIC	SPECS	SPECIFICATIONS
ELEV	ELEVATION	SF	SQUARE FEET
ESALS	EQUIVALENT SINGLE AXLE LOADS	SY	SQUARE YARD
ESTR	EXISTING SIGN TO REMAIN	STD	STANDARD
EXC	EXCAVATION	SDD	STANDARD DETAIL DRAWINGS
EBS	EXCAVATION BELOW SUBGRADE	STH	STATE TRUNK HIGHWAYS
EXIST	EXISTING	STA	STATION
FT	FOOT	SS	STORM SEWER
GRVL	GRAVEL DRIVEWAY	STR	STRUCTURE OR STRUCTURAL
HORIZ	HORIZONTAL	TEL	TELEPHONE
INL	INLET	TEMP	TEMPORARY
INV	INVERT	TLE	TEMPORARY LIMITED EASEMENT
JCT	JUNCTION	T	TON
LT	LEFT	TYP	TYPICAL
LF	LINEAR FOOT	UG	UNDERGROUND
LS	LUMP SUM	USH	UNITED STATES HIGHWAY
MH	MANHOLE	W	WATER
ML	MATCH LINE	WM	WATER MAIN
N	NORTH	WV	WATER VALVE
Y	NORTH GRID COORDINATE	W	WEST
		YD	YARD

ORDER OF SECTION 2 SHEETS

- GENERAL NOTES
- PROJECT OVERVIEW
- TYPICAL SECTIONS
- PLAN DETAILS

RESURFACING 30: STH 181 TO IH-41

HMA PAVEMENT	TOTAL PAVEMENT LAYER THICKNESS	LAYER	NOMINAL MAX AGGREGATE GRADATION
3 MT 58-28 S	2 1/4 -INCHES	LOWER	19.0 mm
4 MT 58-28 S	1 3/4 -INCHES	UPPER	12.0 mm

NOTE: Per the FDM 14-10-5.12, a tack application rate of 0.050 gal/SY should be used unless the tack coat will be placed over milled HMA, pulverized HMA, concrete or rubblized concrete, then an application rate of 0.070 gal/SY should be used.

UTILITY CONTACTS
(ADDED AFTER FINAL SCOPING)

COMMUNICATIONS

COMPANY NAME
CONTACT NAME
ADDRESS
CITY, STATE, ZIP
PHONE:
EMAIL:

COMMUNICATIONS

COMPANY NAME
CONTACT NAME
ADDRESS
CITY, STATE, ZIP
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EMAIL:

COMMUNICATIONS

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EMAIL:

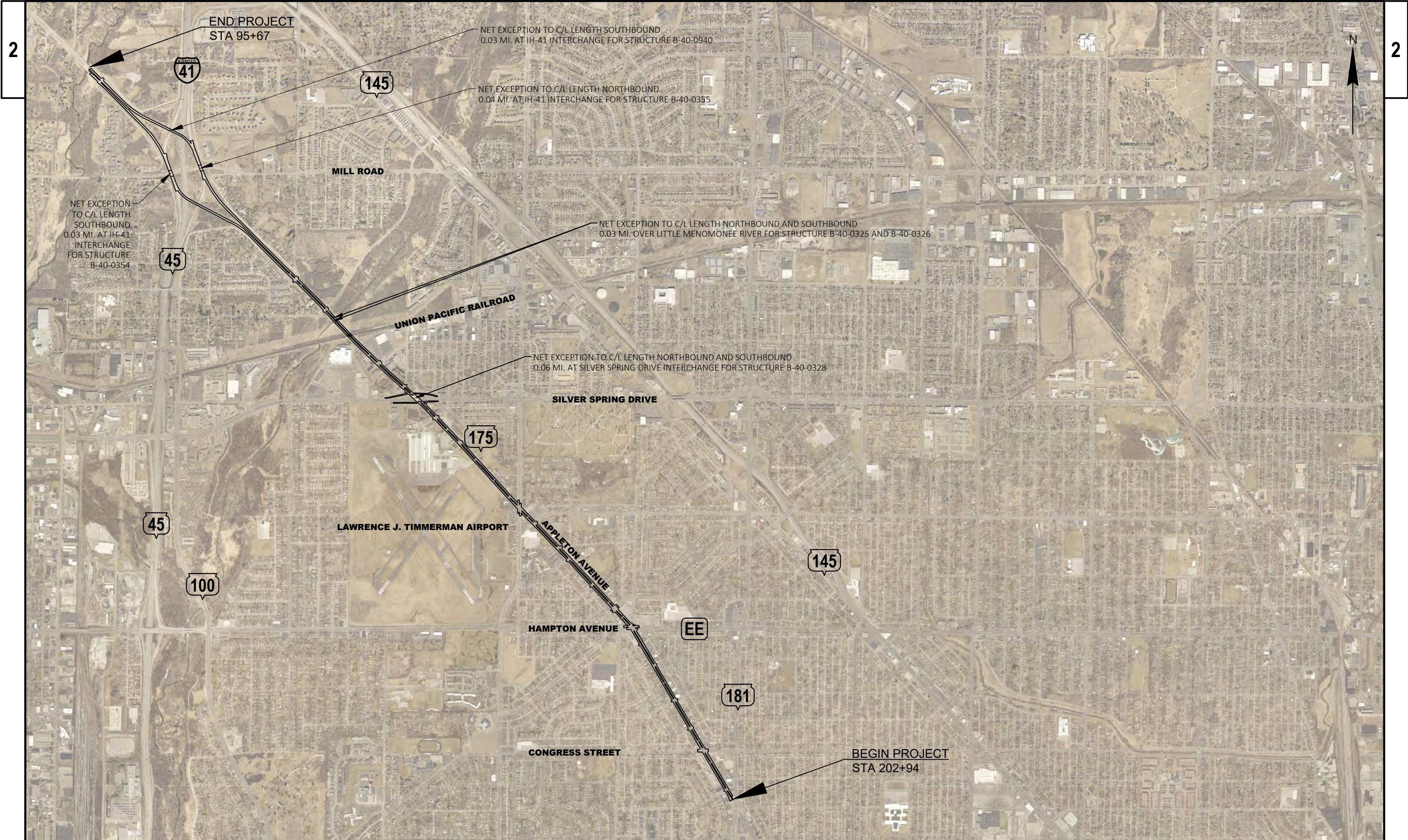
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CITY, STATE, ZIP
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EMAIL:

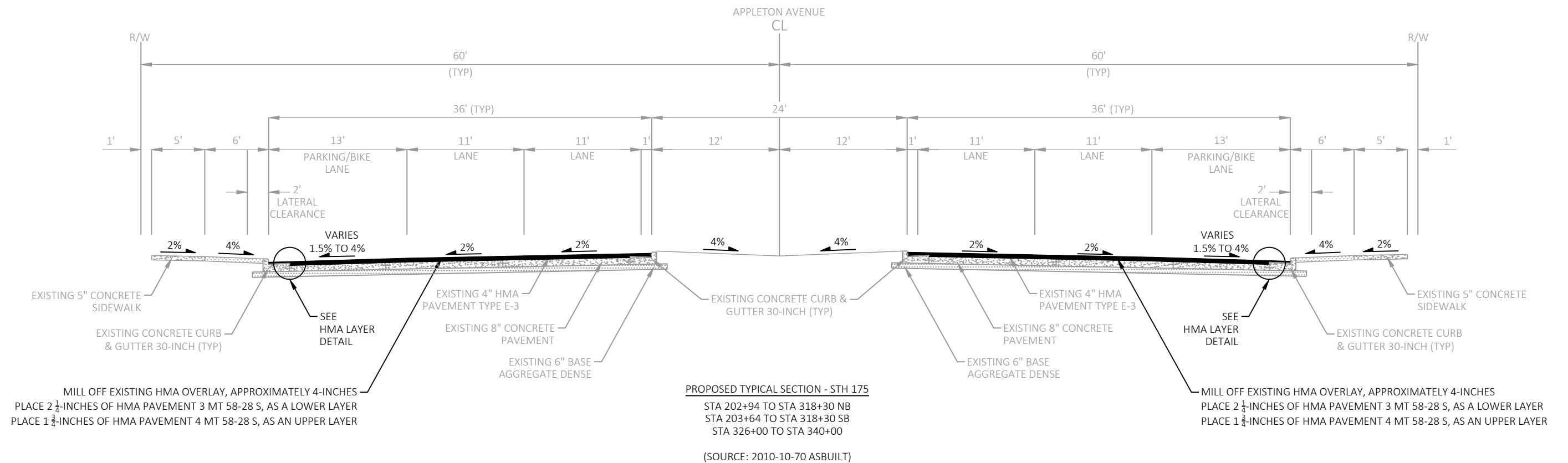
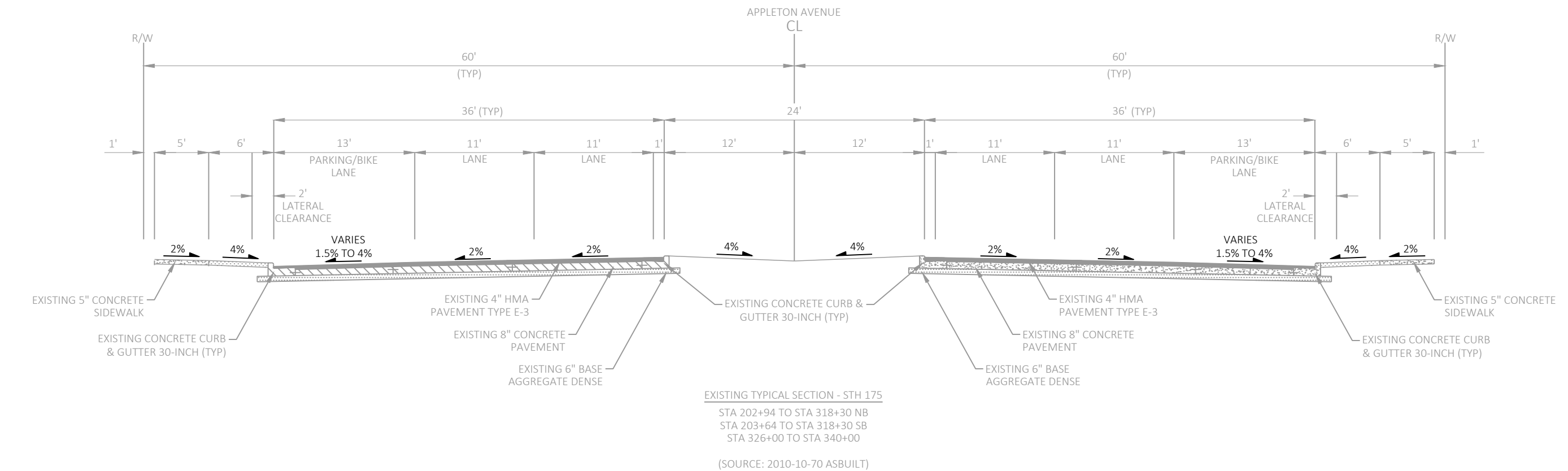
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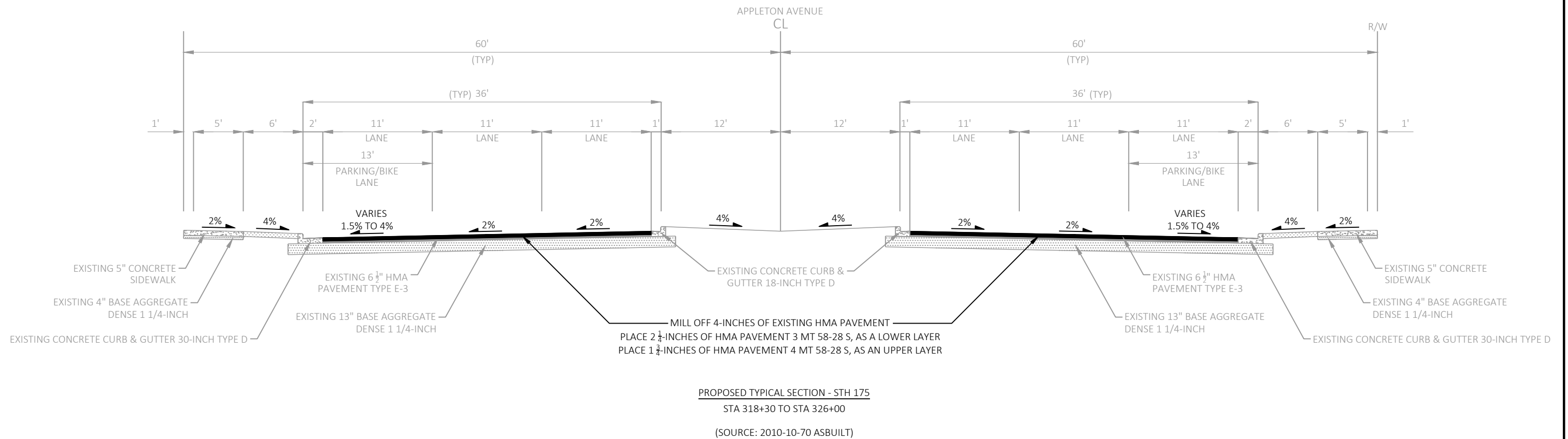
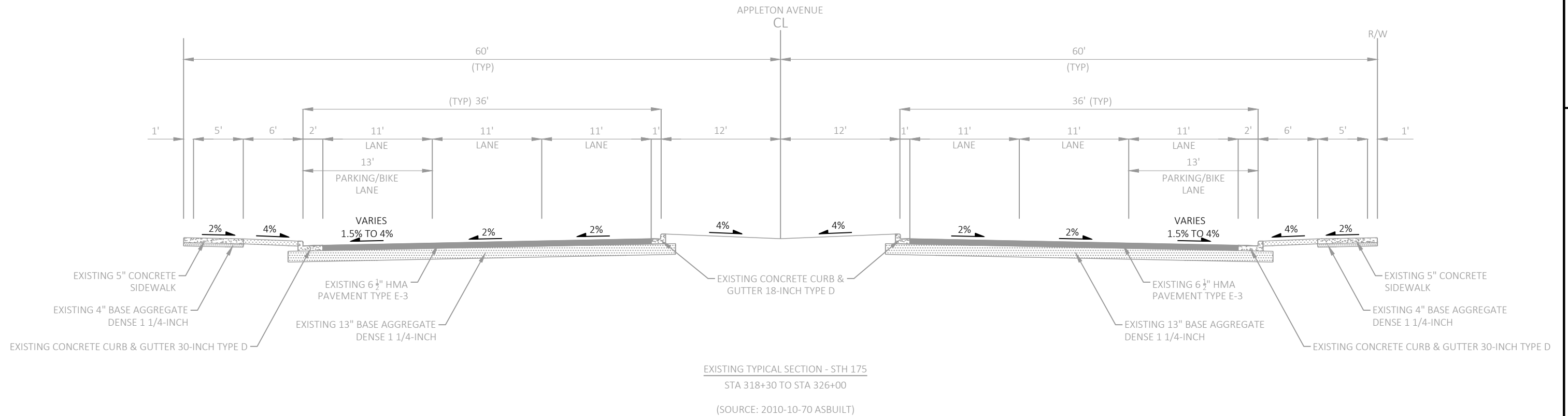
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CITY, STATE, ZIP
PHONE:
EMAIL:

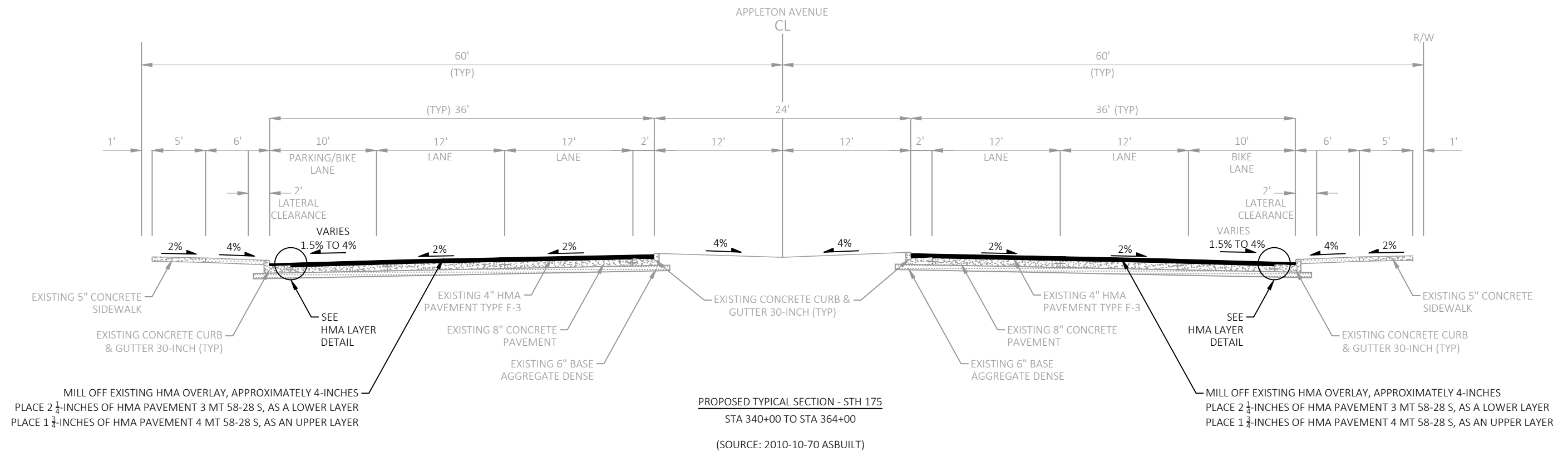
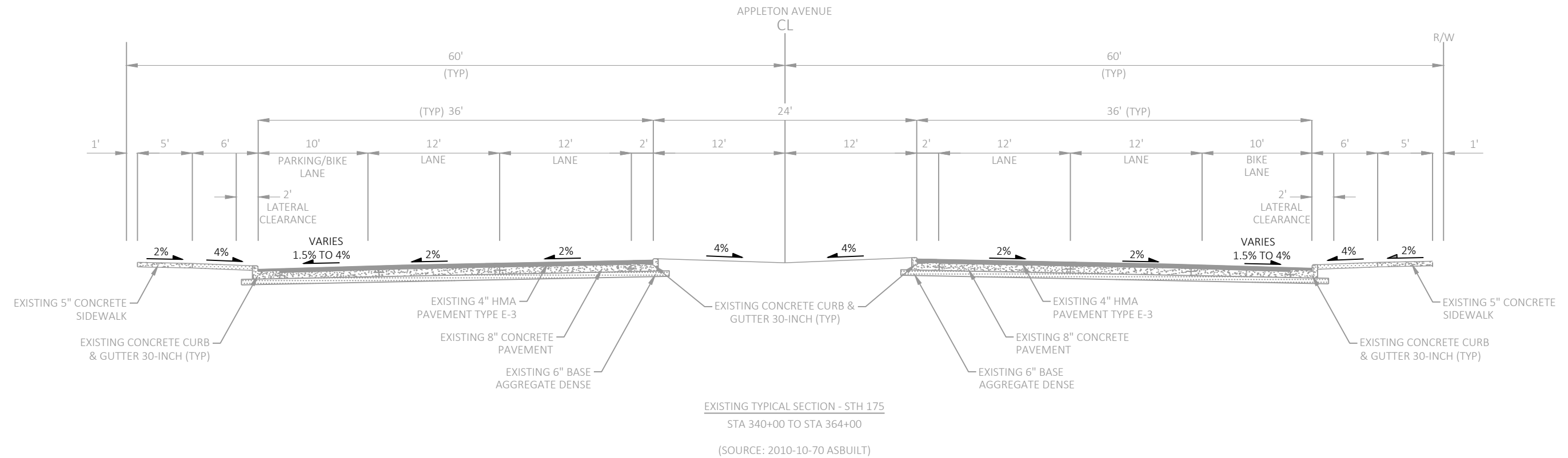


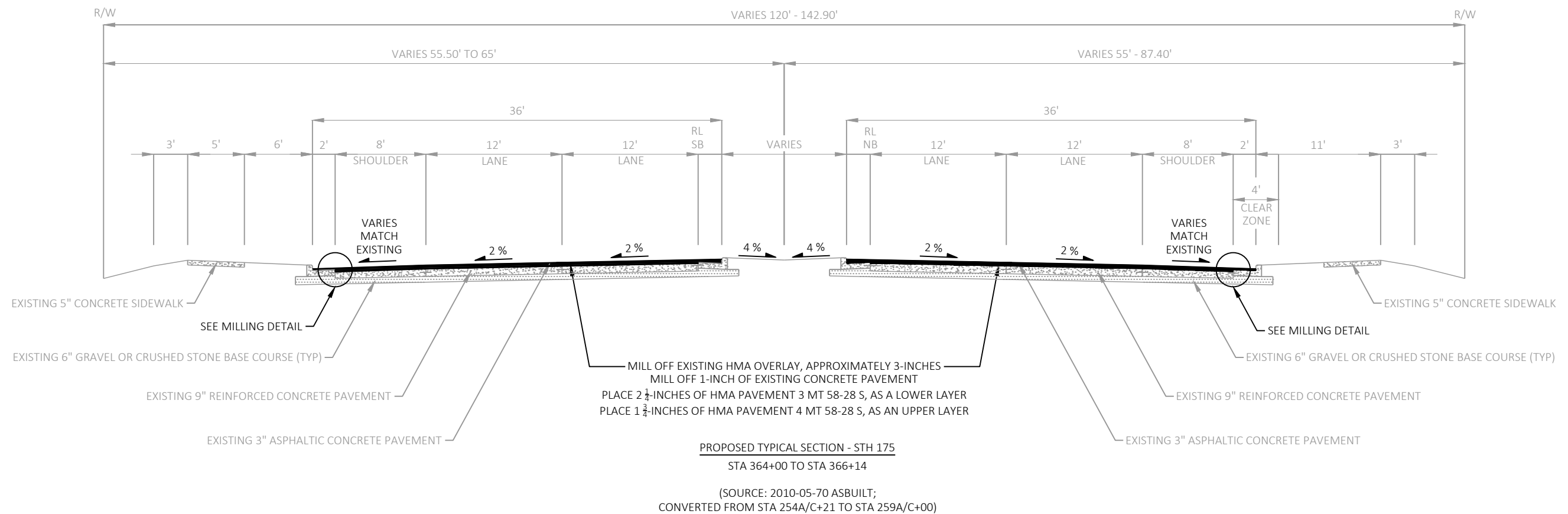
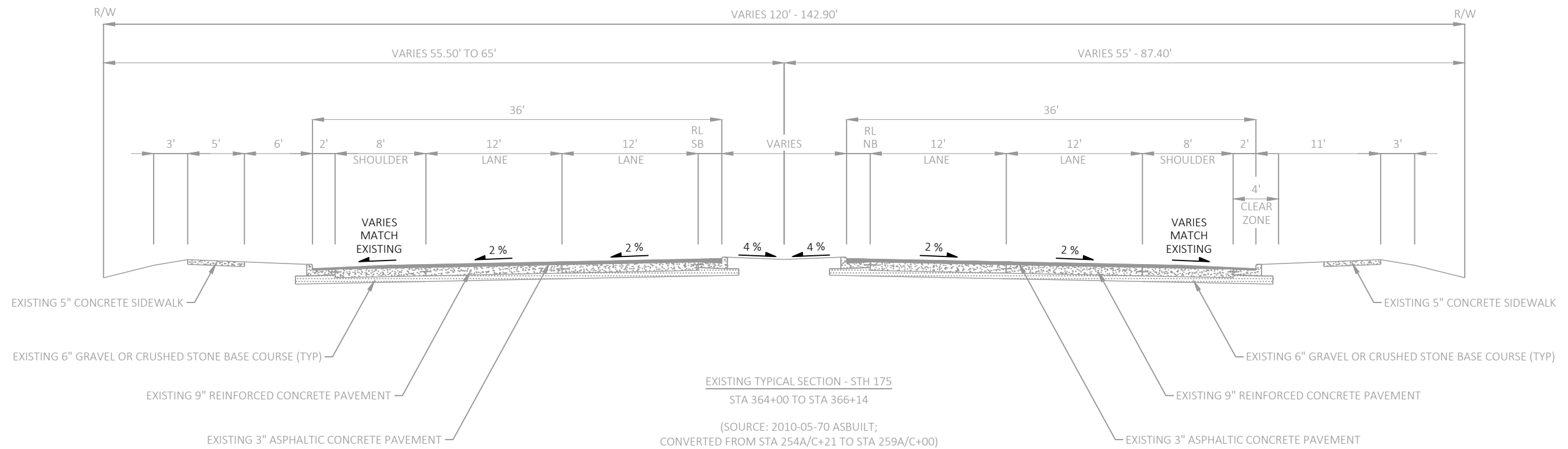


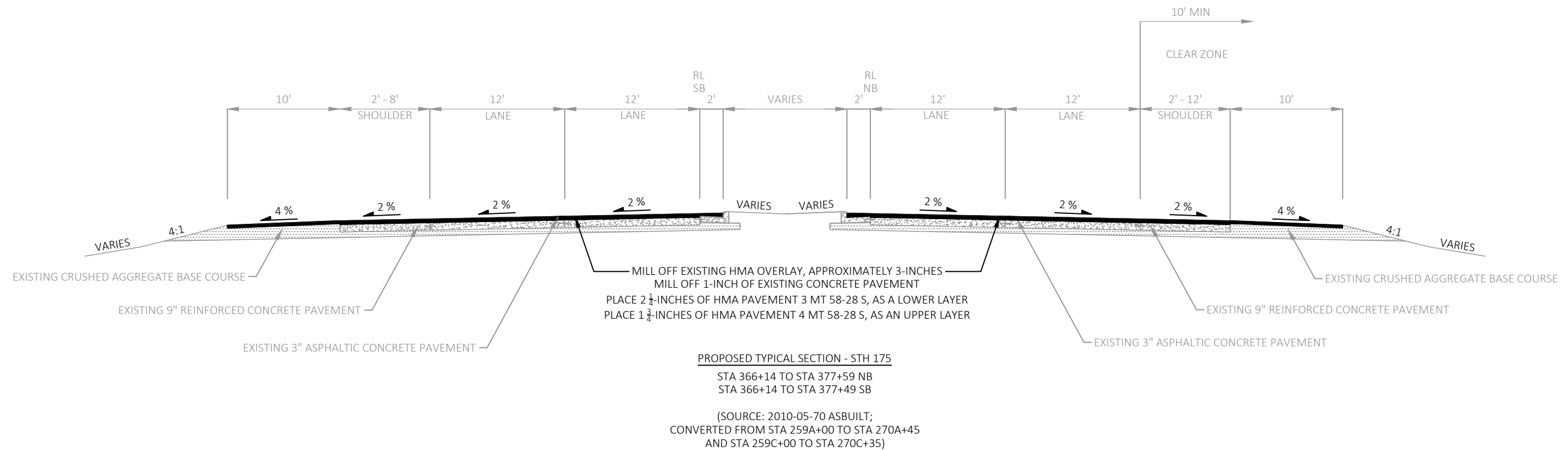
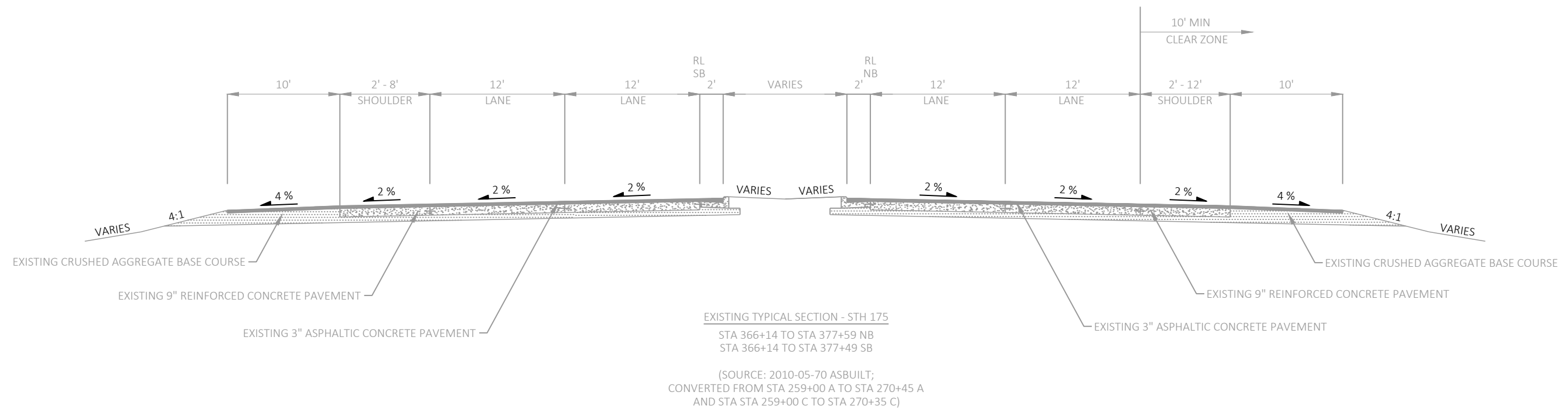
PROJECT NO: 2010-03-72	HWY: STH 175	COUNTY: MILWAUKEE	PROJECT OVERVIEW	SHEET	E
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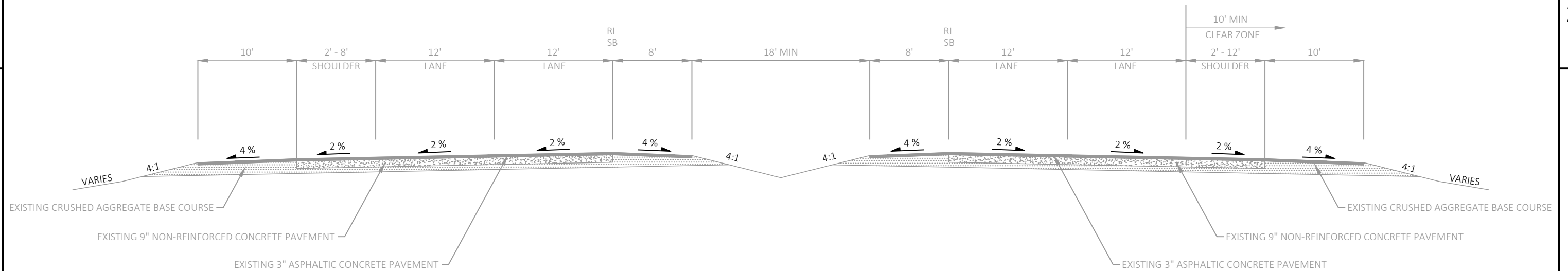




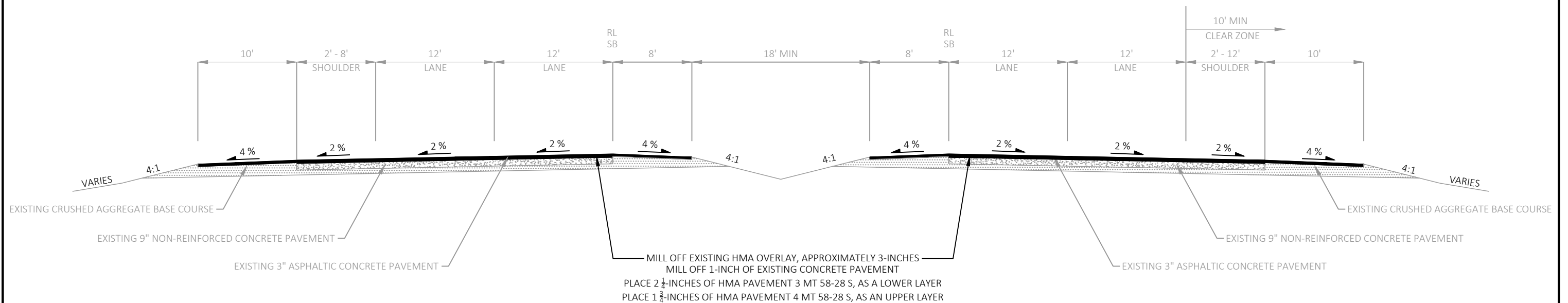


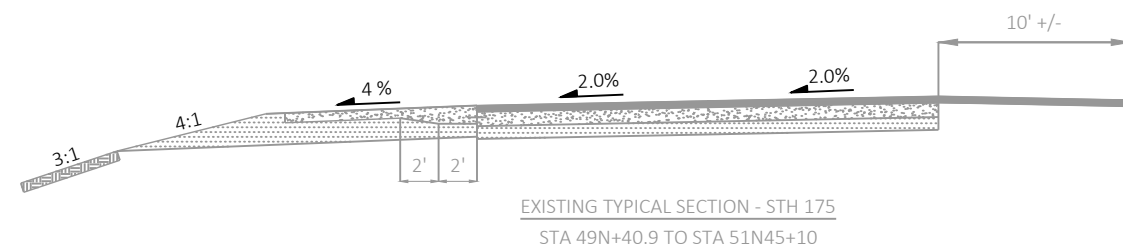
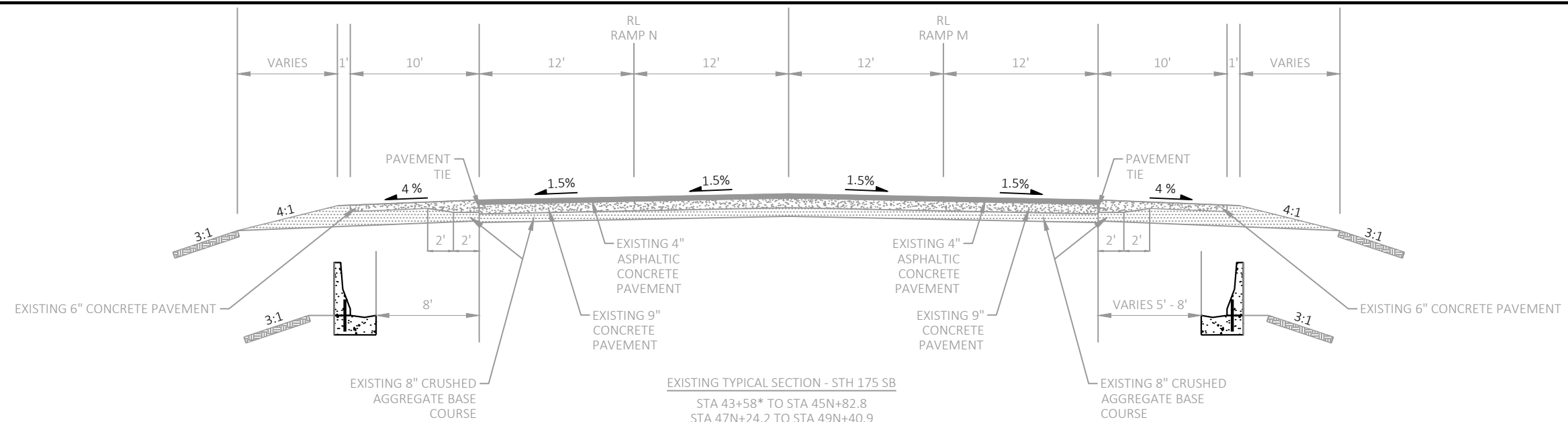




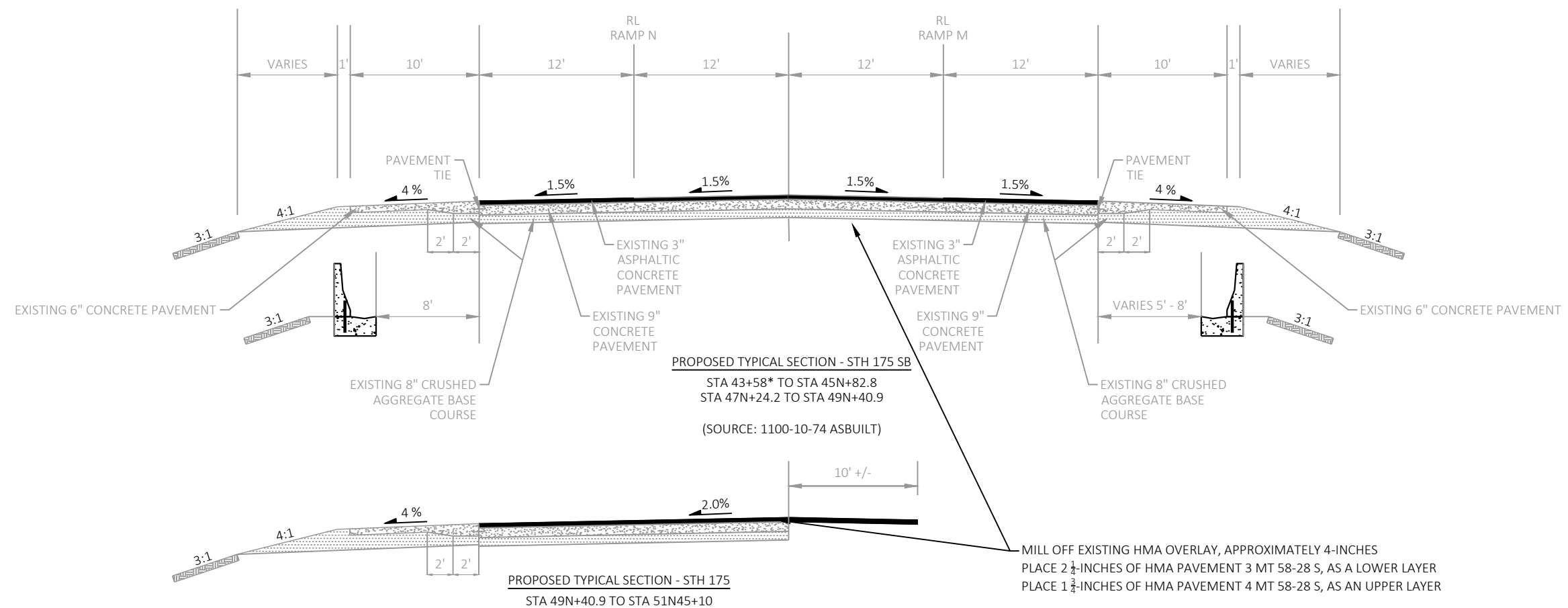


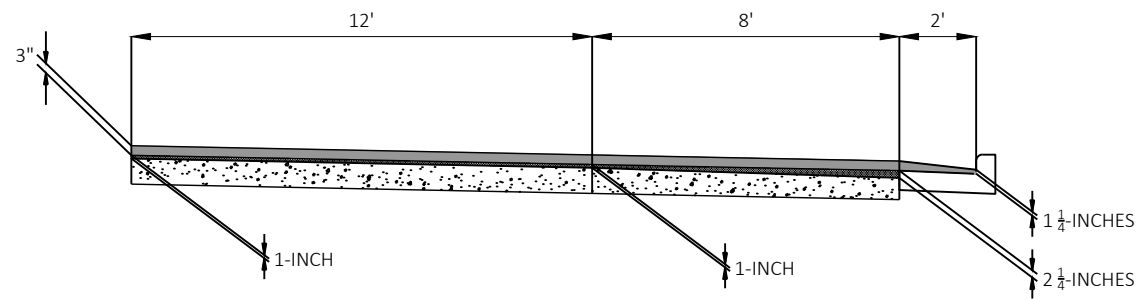
STA 43+58* IN PLAN = STA 144N+56 FROM 1100-14-70 ASBUILT





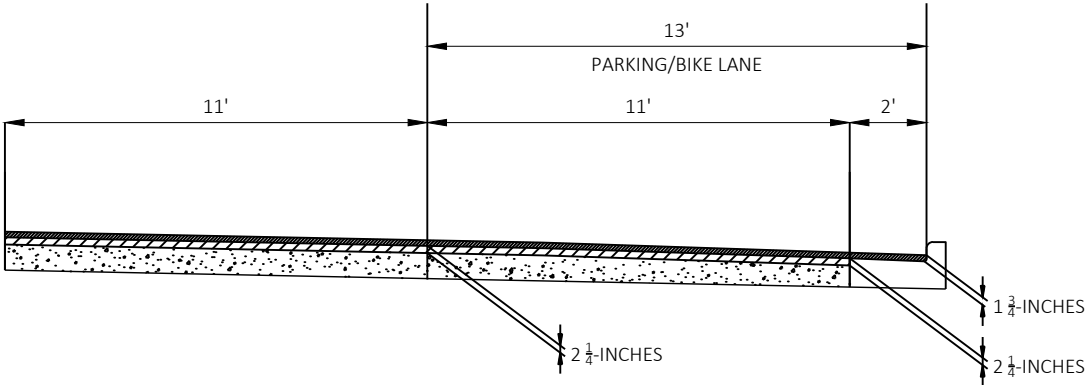
STA 43+58* IN PLAN = STA 144N+56 FROM 1100-14-70 ASBUILT





- REMOVING ASPHALTIC SURFACE MILLING, 3-INCHES
- REMOVING CONCRETE SURFACE PARTIAL DEPTH, VARIES 1-INCH TO 2 1/4 -INCHES

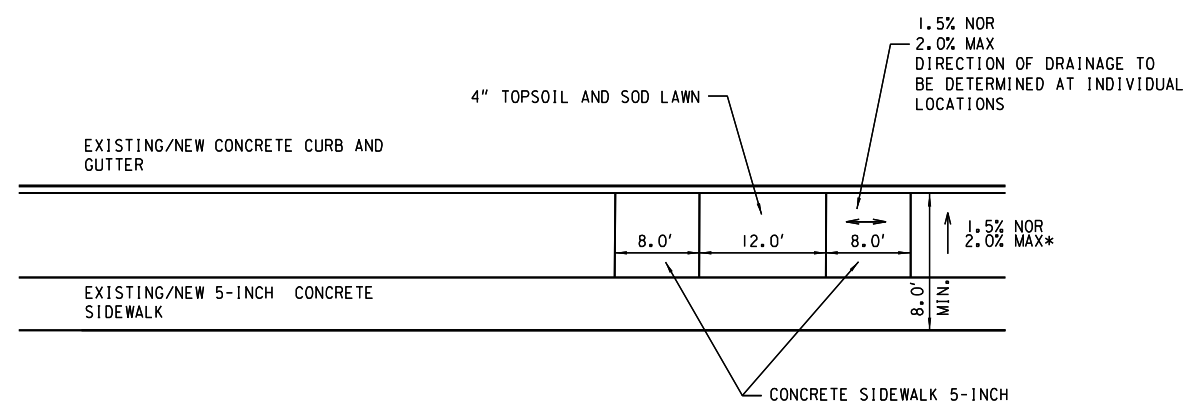
MILLING DETAIL



- 1 3/4-INCHES OF HMA PAVEMENT 4 MT 58-28 S, AS AN UPPER LAYER
- 2 1/4-INCHES OF HMA PAVEMENT 3 MT 58-28 S, AS AN LOWER LAYER

HMA LAYER DETAIL

RECEIVED FROM MILWAUKEE COUNTY TRANSIT SYSTEM

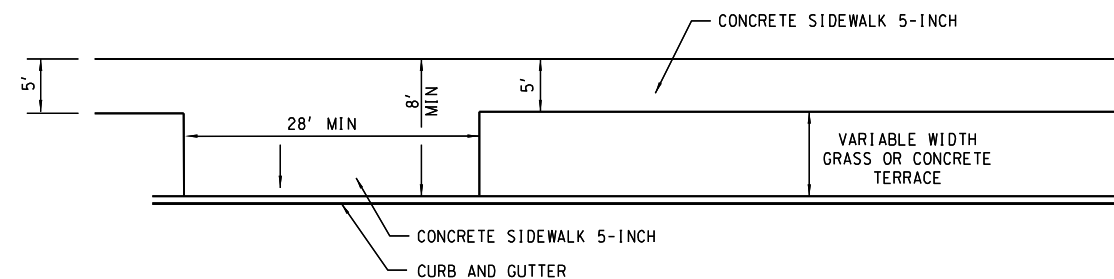


TYPICAL DETAIL OF SPLIT WALK BUS STOP

NW CORNER AT W. HOPE ST.
NW SE CORNER AT W. MARION ST.
NW CORNER AT W. CONGRESS ST.

*IF A 2.0% MAXIMUM SLOPE CANNOT BE OBTAINED DUE TO EXISTING FIELD CONDITIONS ADJACENT SIDEWALK SHALL BE REMOVED AND DEPRESSED TO ALLOW A 1.5% SLOPE; 2.0% MAX.

CONSTRUCTION NOTE:
SEE SECTION 5 PLAN
VIEWS TO SEE WHERE
12.0 FOOT TOPSOIL
AND SOD APPLIES
TO BUS STOP.



TYPICAL DETAIL OF FULL WALK BUS STOP

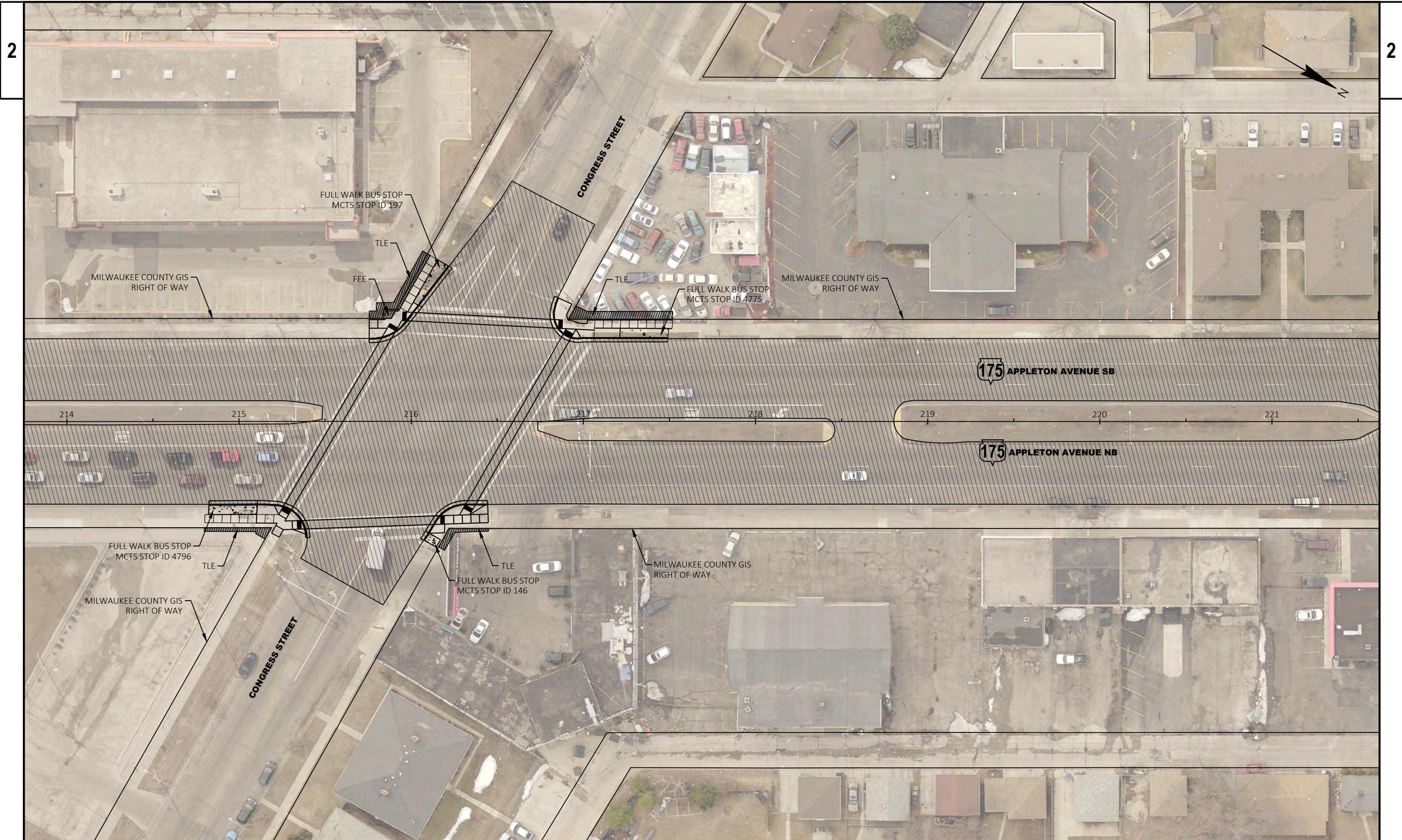
SE CORNER AT W. CONGRESS ST.
SE CORNER AT W. FOND DU LAC AVE.
NW CORNER AT W. FOND DU LAC AVE.
SE CORNER AT W. GLENDALE AVE.
NW CORNER AT W. GLENDALE AVE.
NW CORNER AT W. HAMPTON AVE.



PROJECT NO: 2010-03-72	HWY: STH 175	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET	E
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PROJECT NO: 2010-03-72	HWY: STH 175	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET	E
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PROJECT NO: 2010-03-72	HWY: STH 175	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET	E
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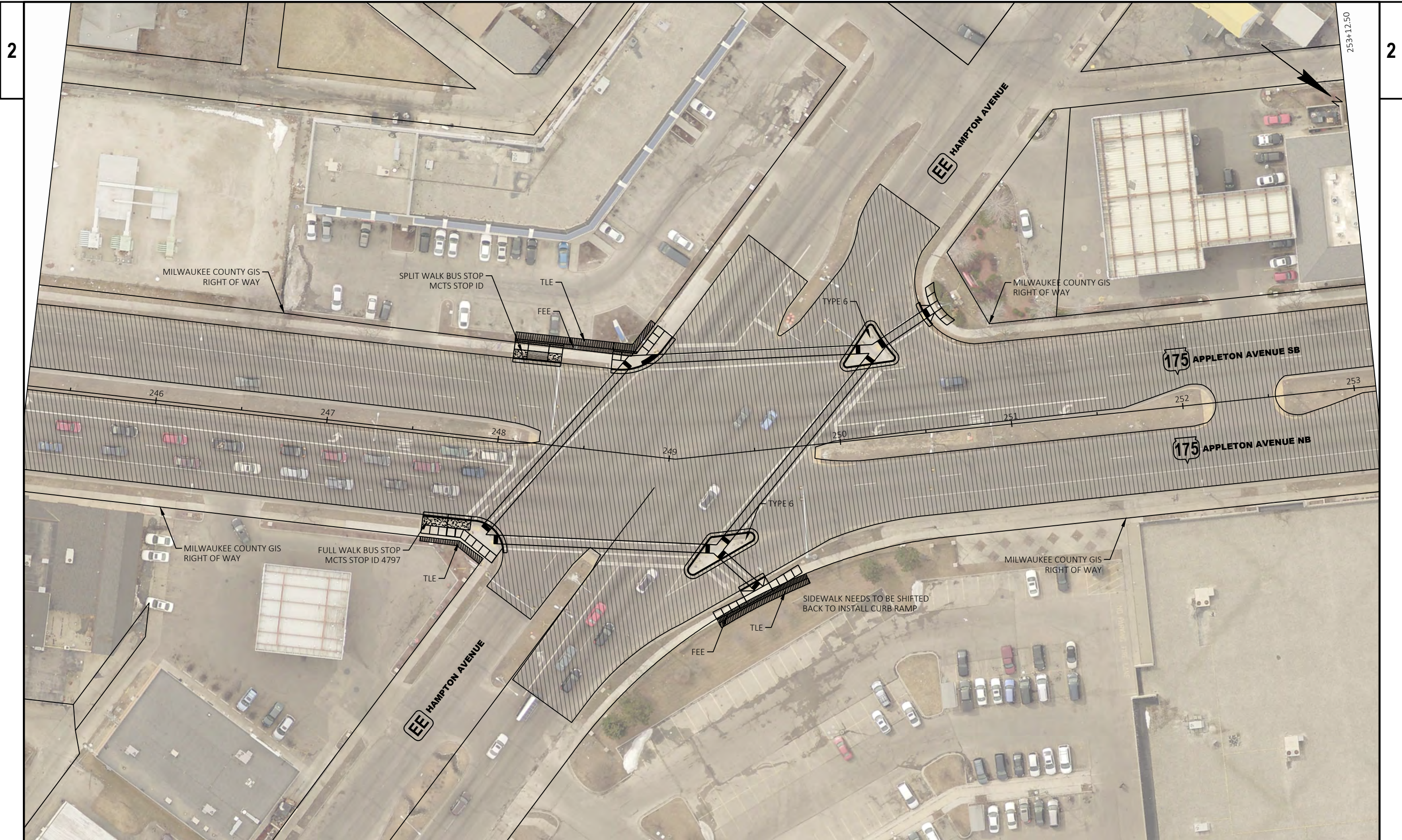


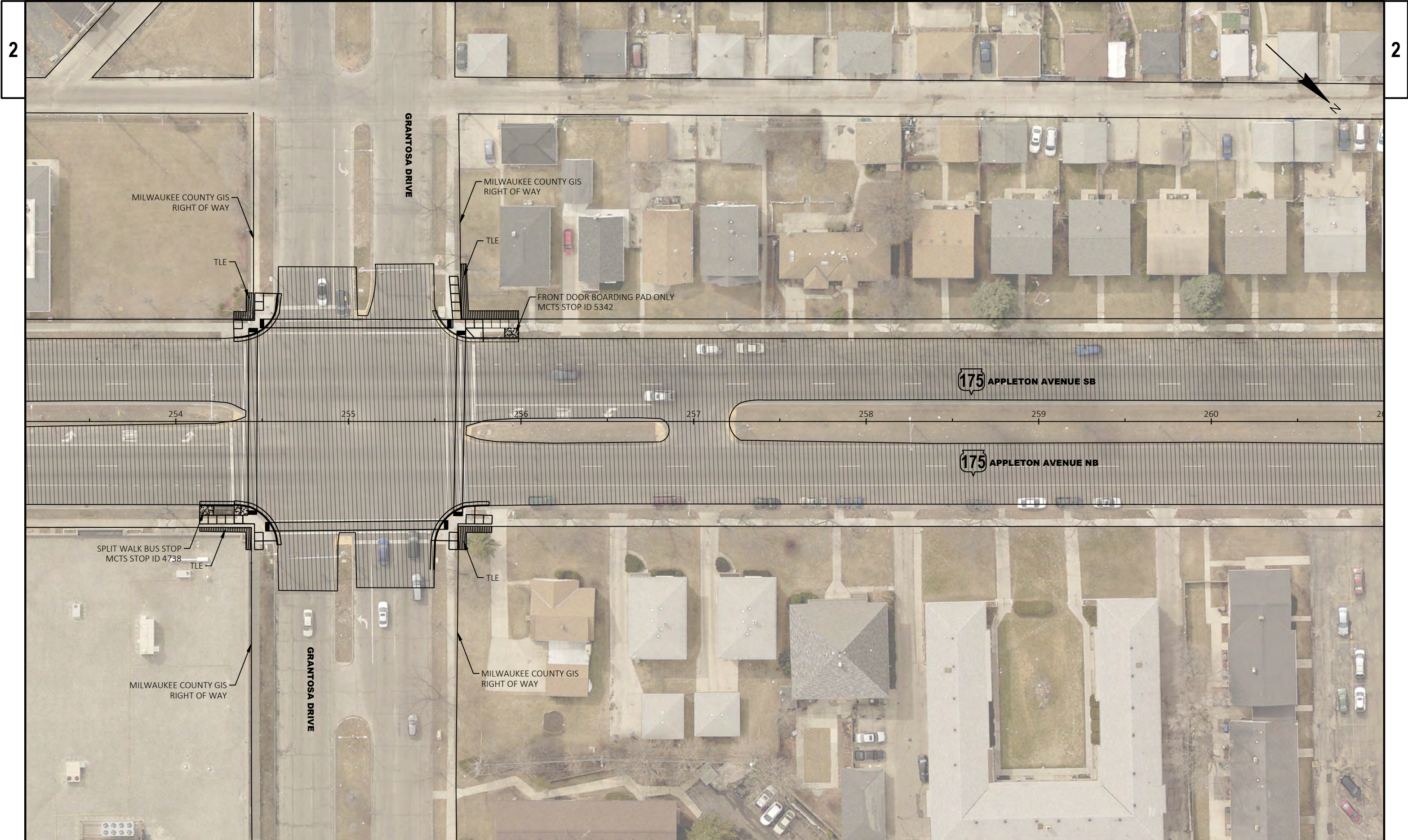


PROJECT NO: 2010-03-72	HWY: STH 175	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET	E
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PROJECT NO: 2010-03-72	HWY: STH 175	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET	E
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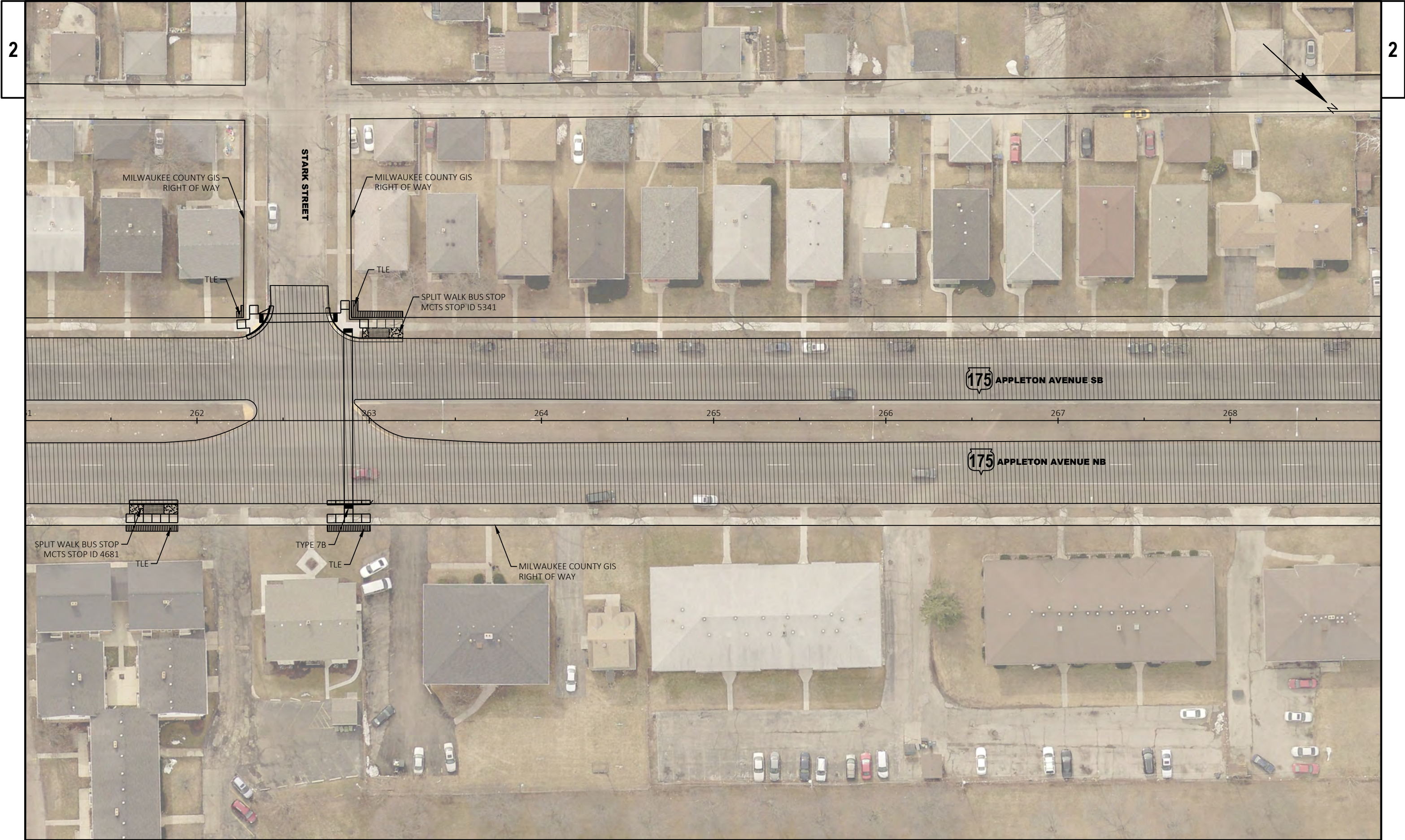




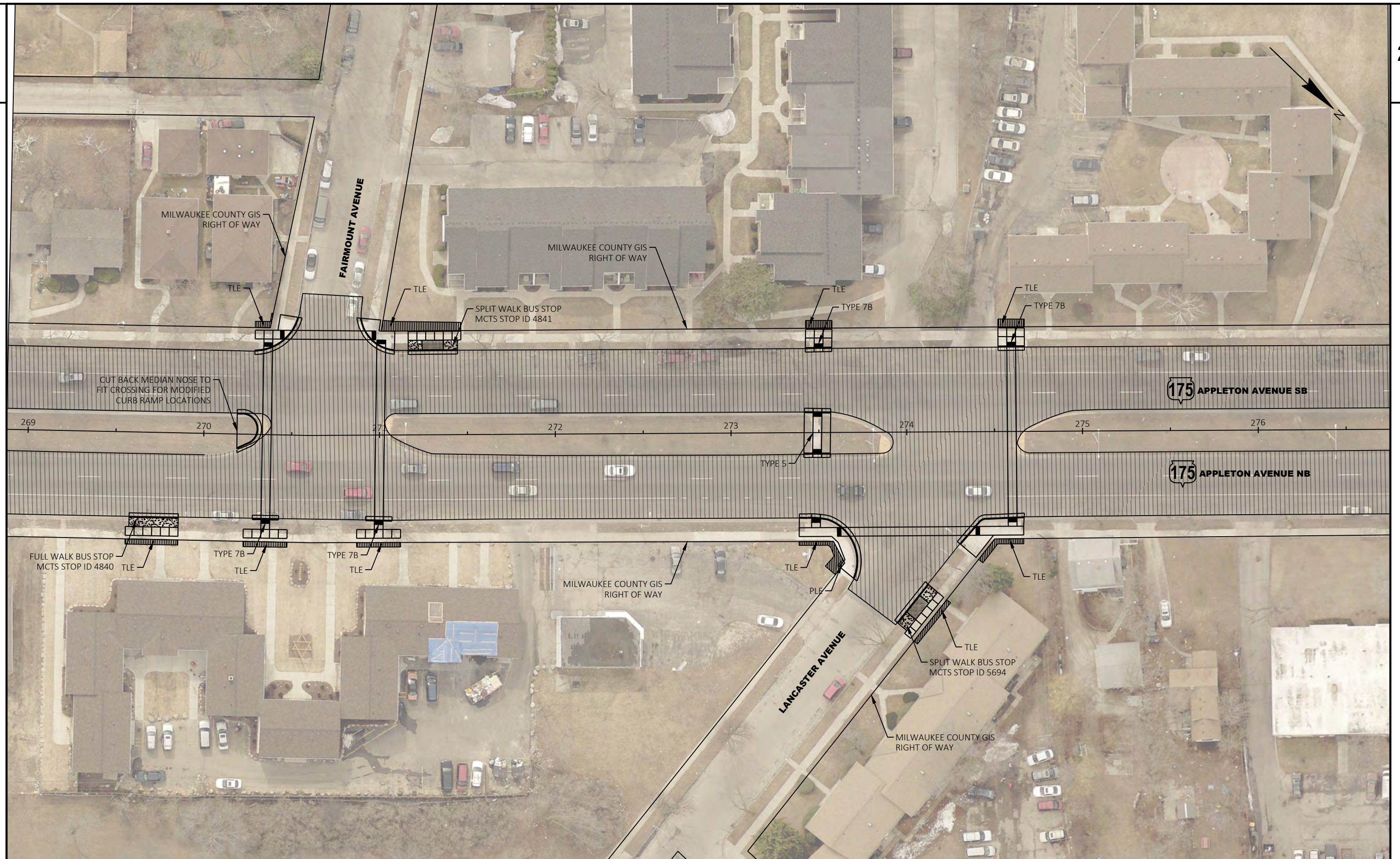
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PROJECT NO: 2010-03-72	HWY: STH 175	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET	E
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PROJECT NO: 2010-03-72	HWY: STH 175	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET	E
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PROJECT NO: 2010-03-72

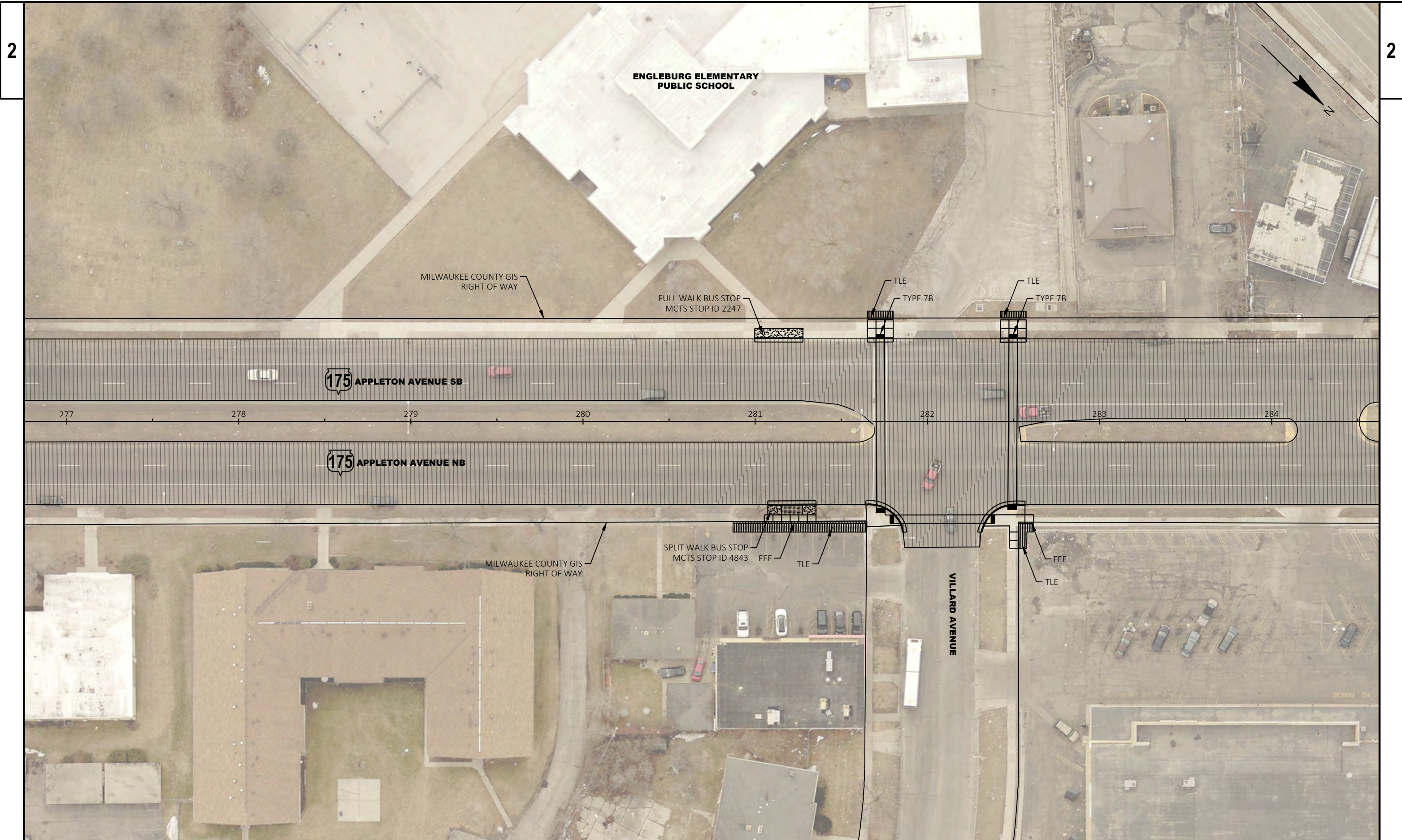
HWY: STH 175

COUNTY: MILWAUKEE

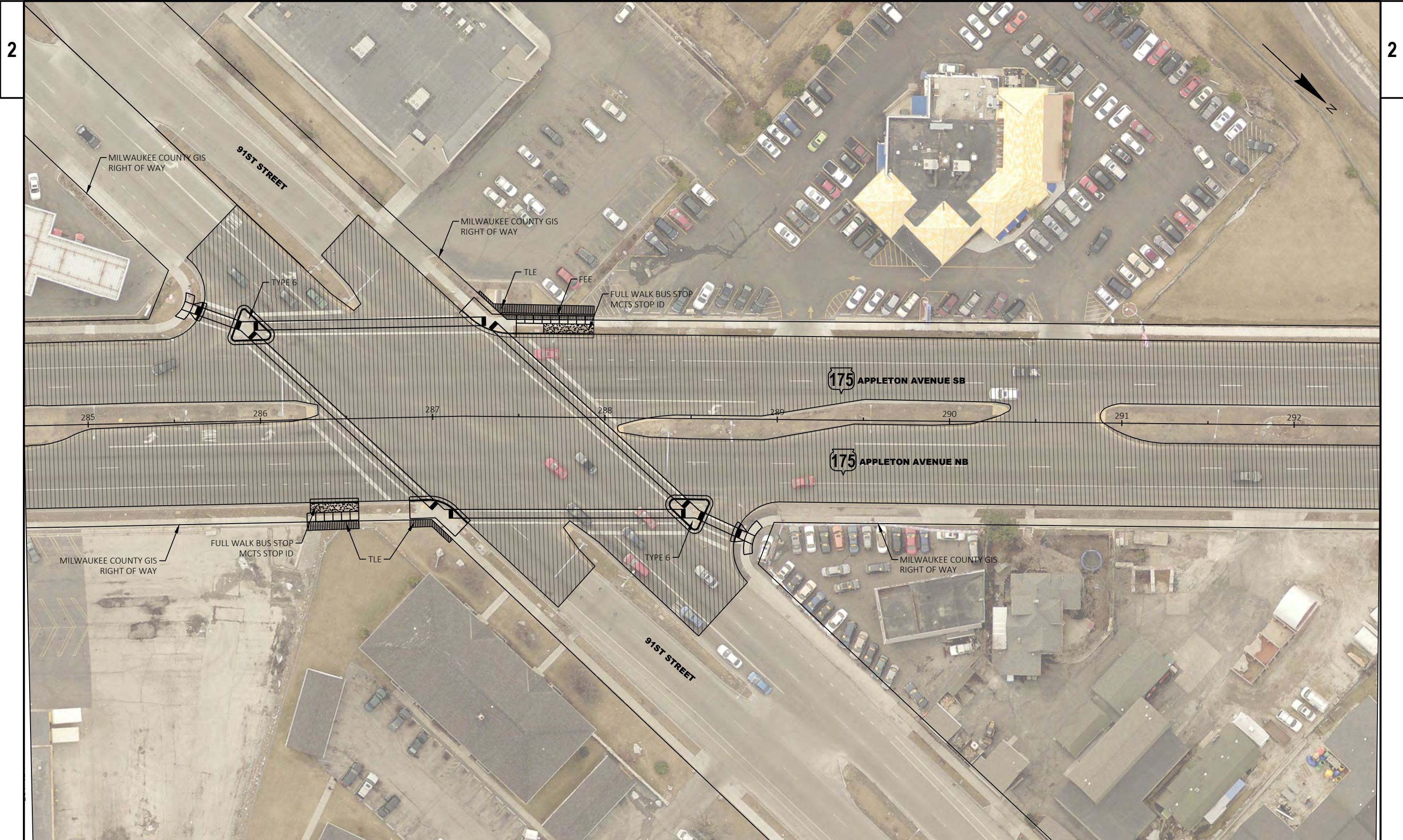
PLAN DETAILS

SHEET

E

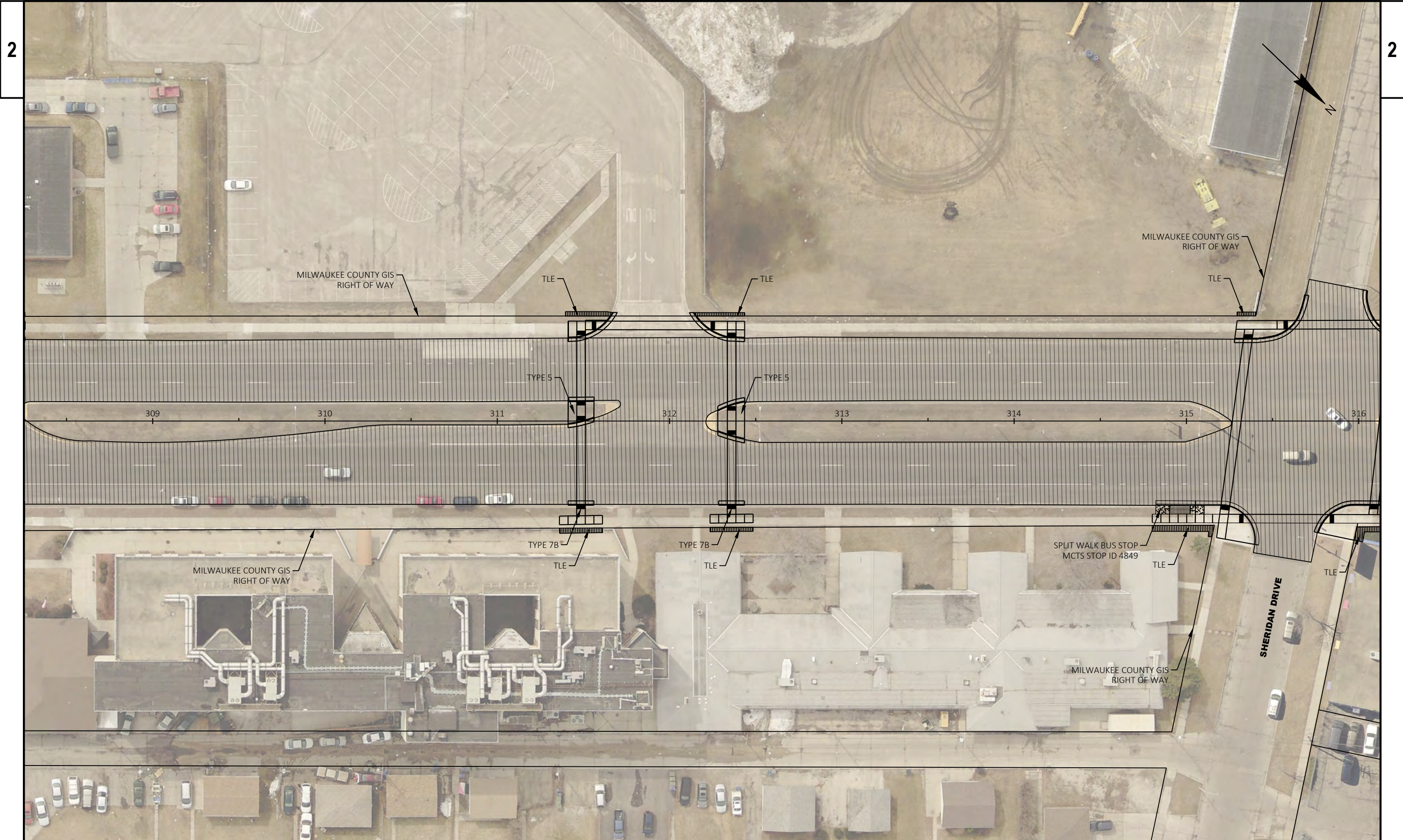


PROJECT NO: 2010-03-72	HWY: STH 175	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET	E
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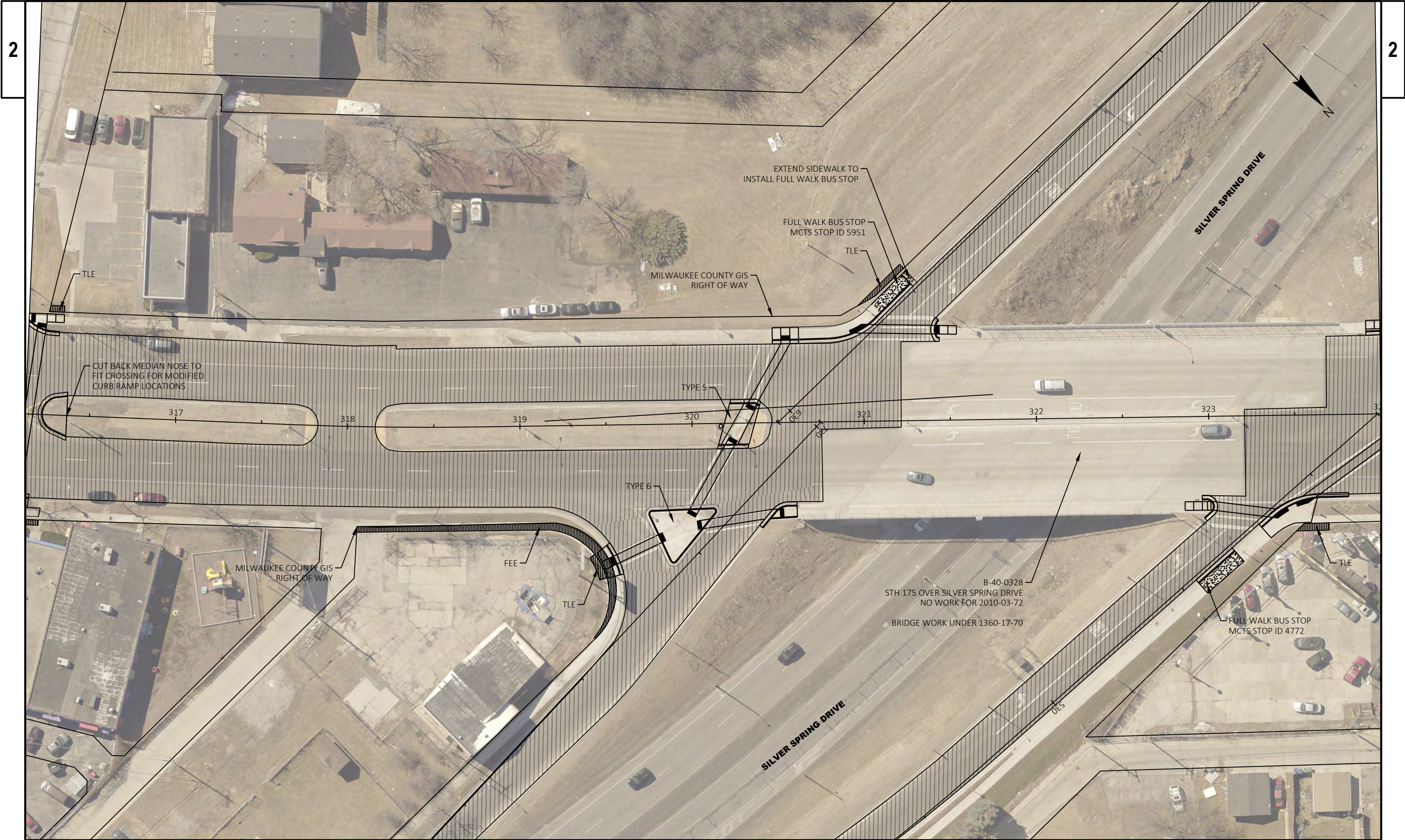




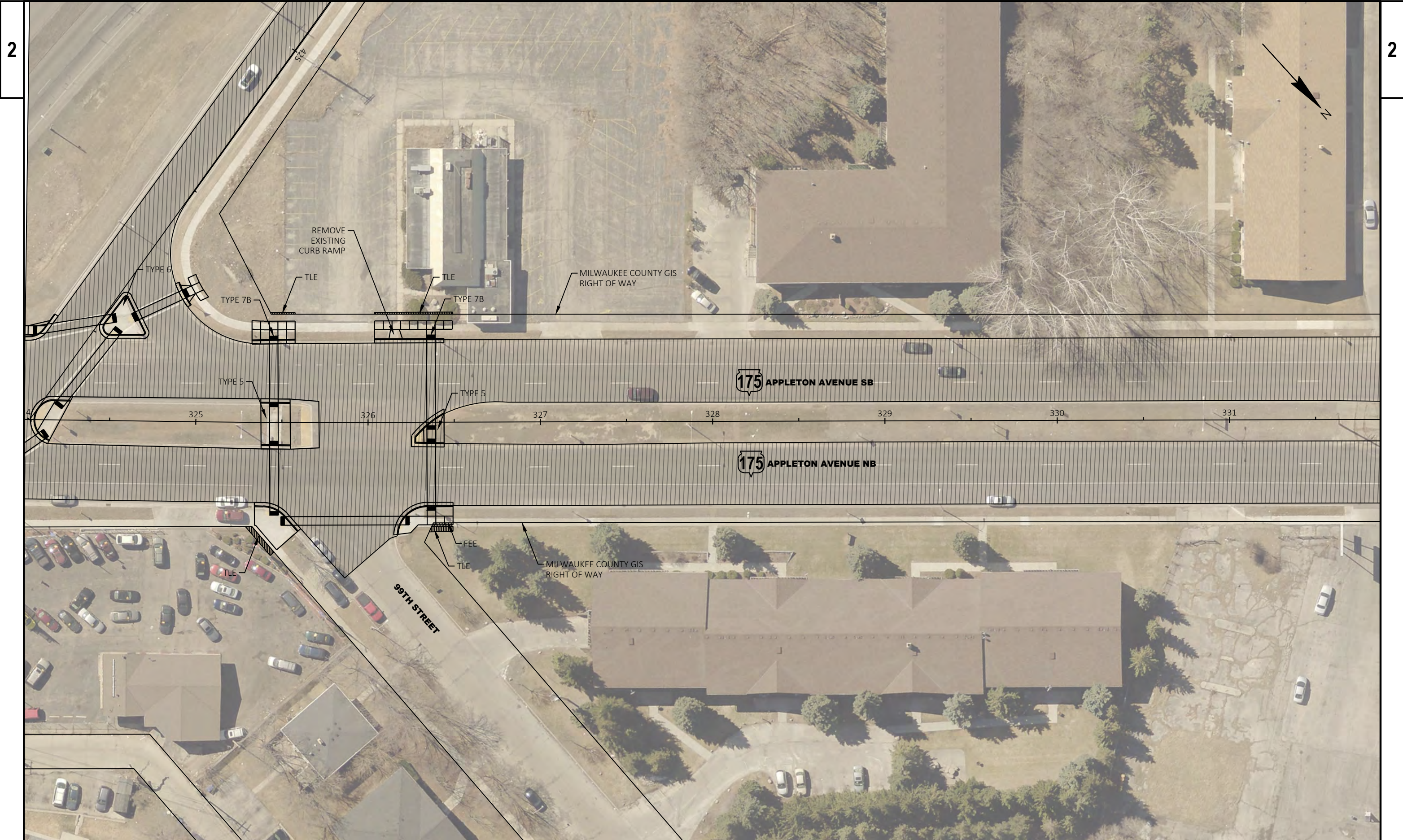




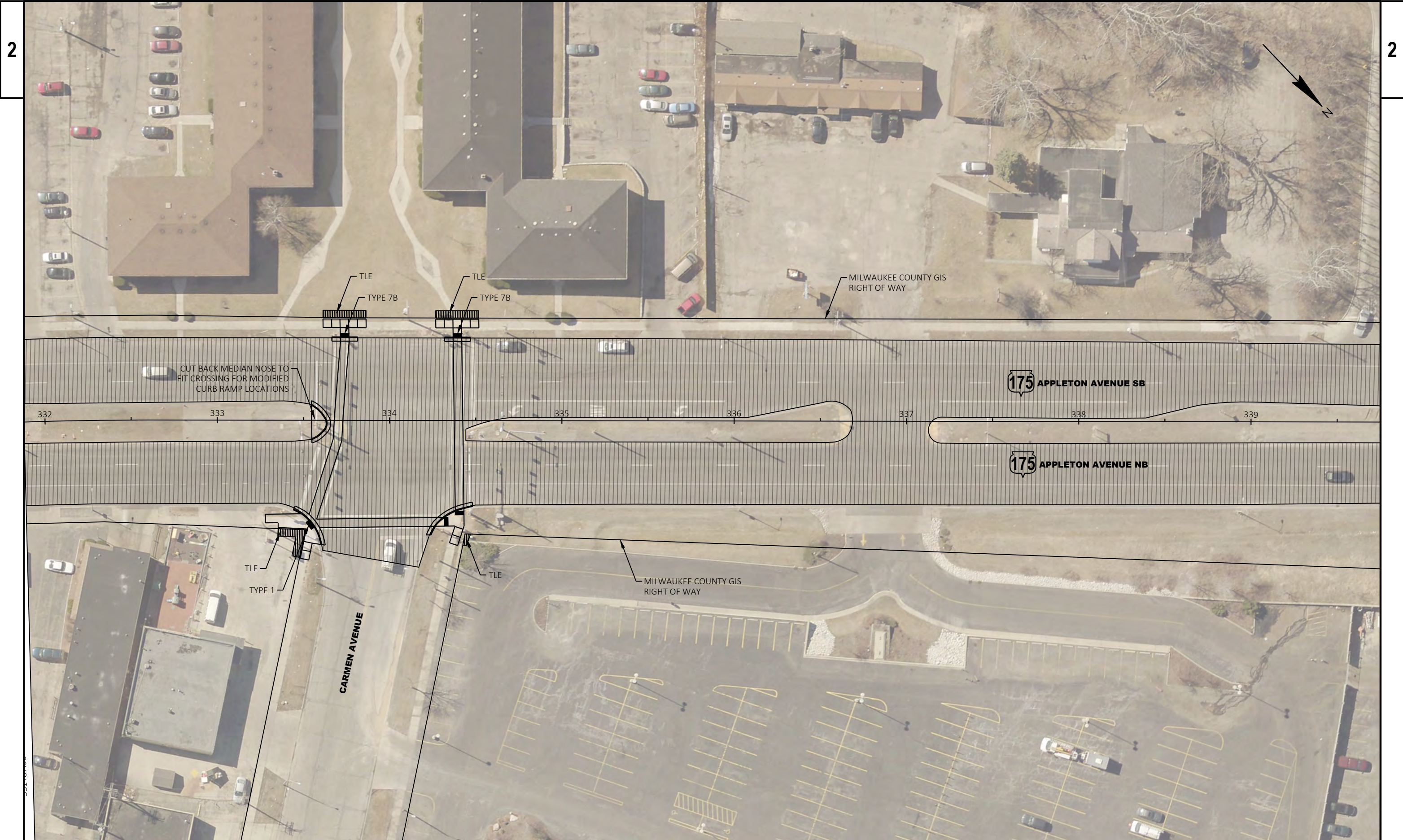
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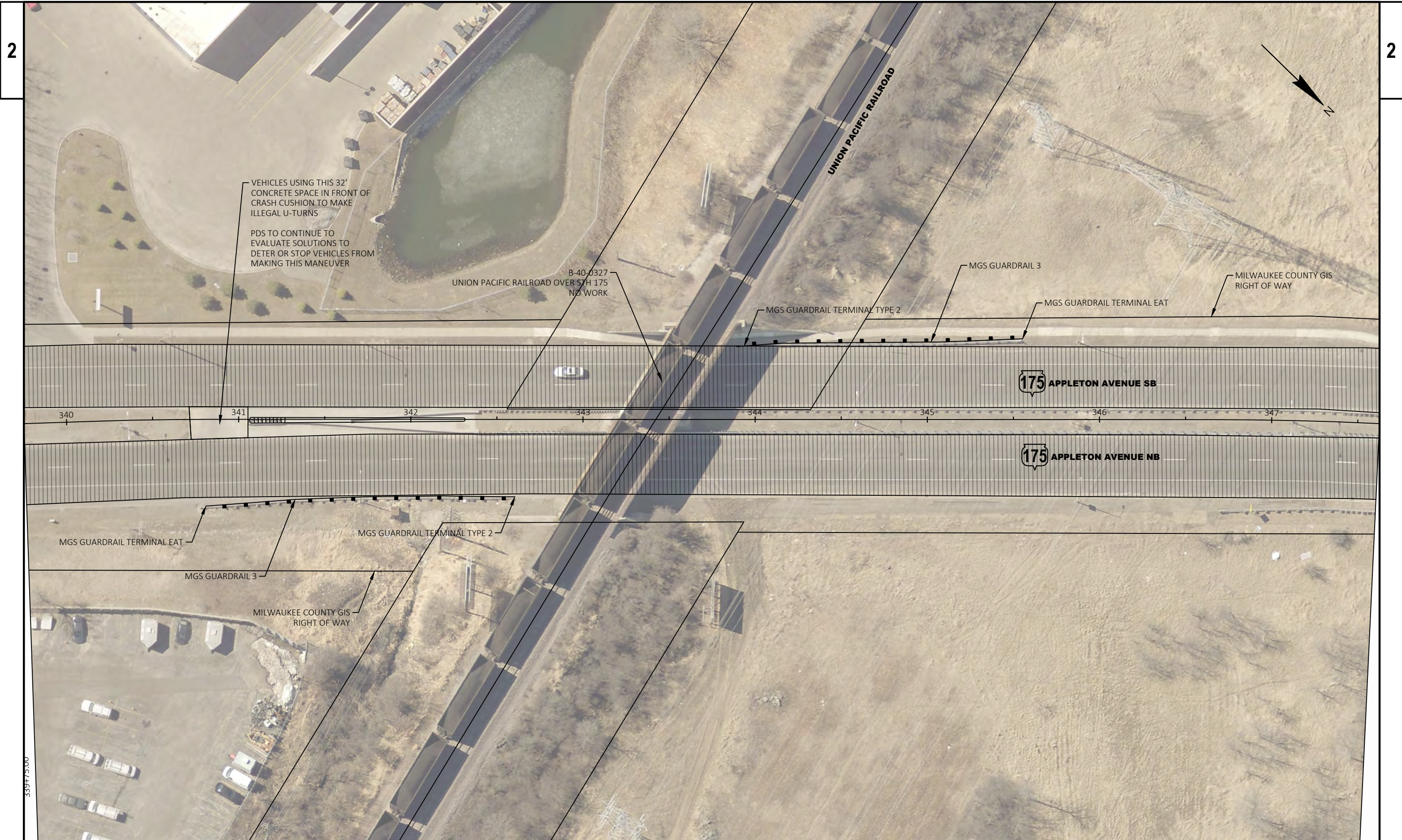


PROJECT NO: 2010-03-72	HWY: STH 175	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET	E
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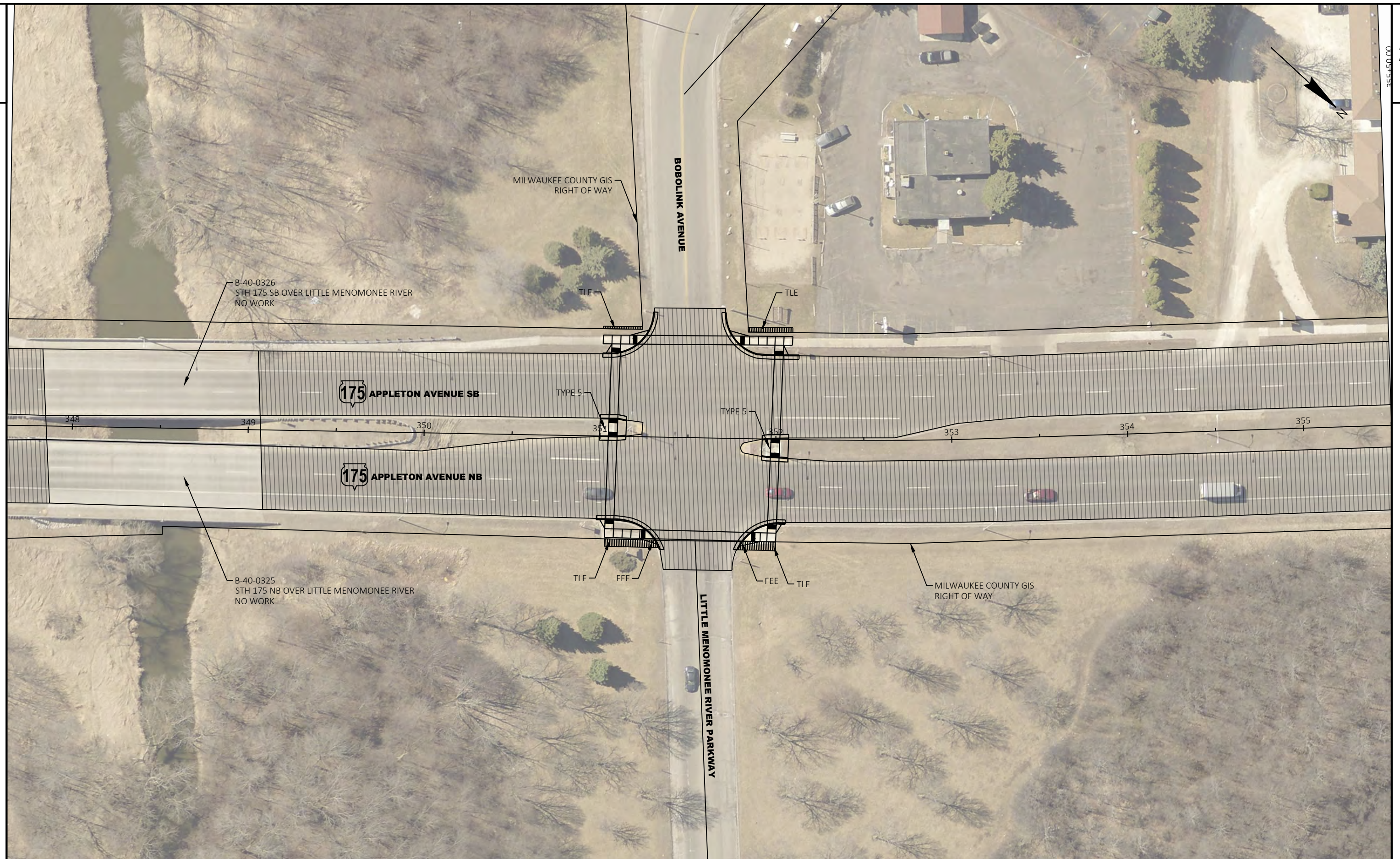


PROJECT NO: 2010-03-72	HWY: STH 175	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET	E
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PROJECT NO: 2010-03-72	HWY: STH 175	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET	E
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PROJECT NO: 2010-03-72

HWY: STH 175

COUNTY: MILWAUKEE

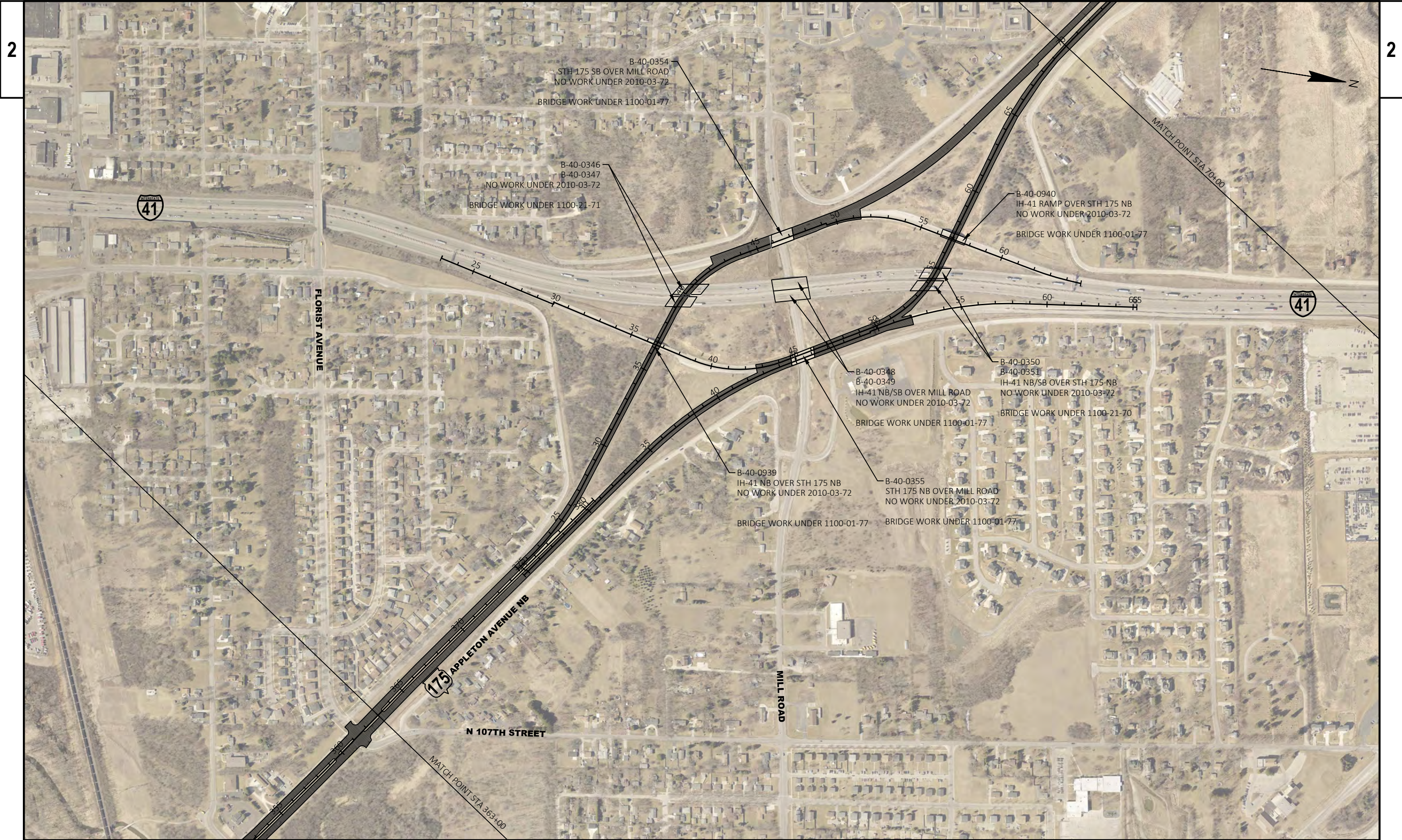
PLAN DETAILS

SHEET

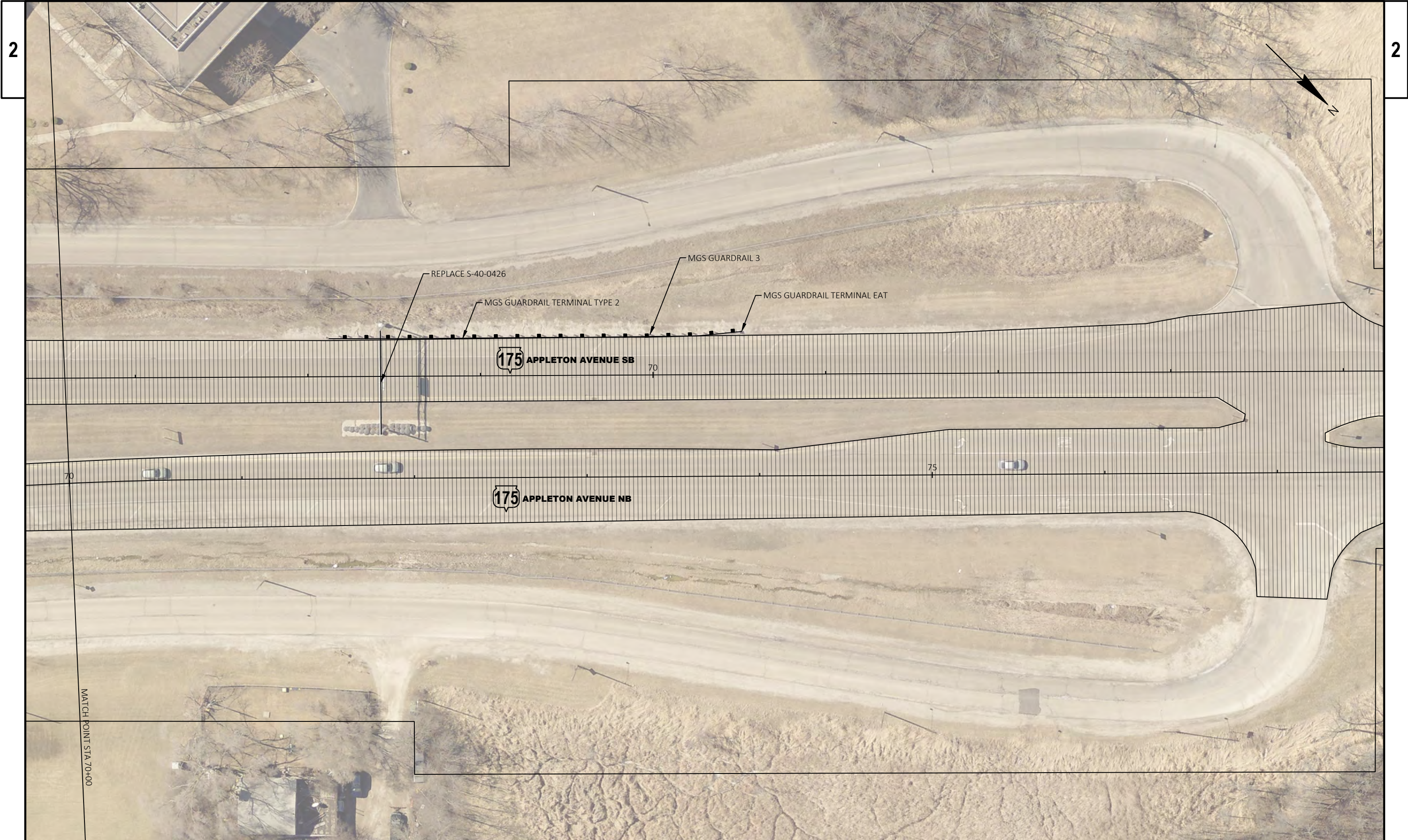
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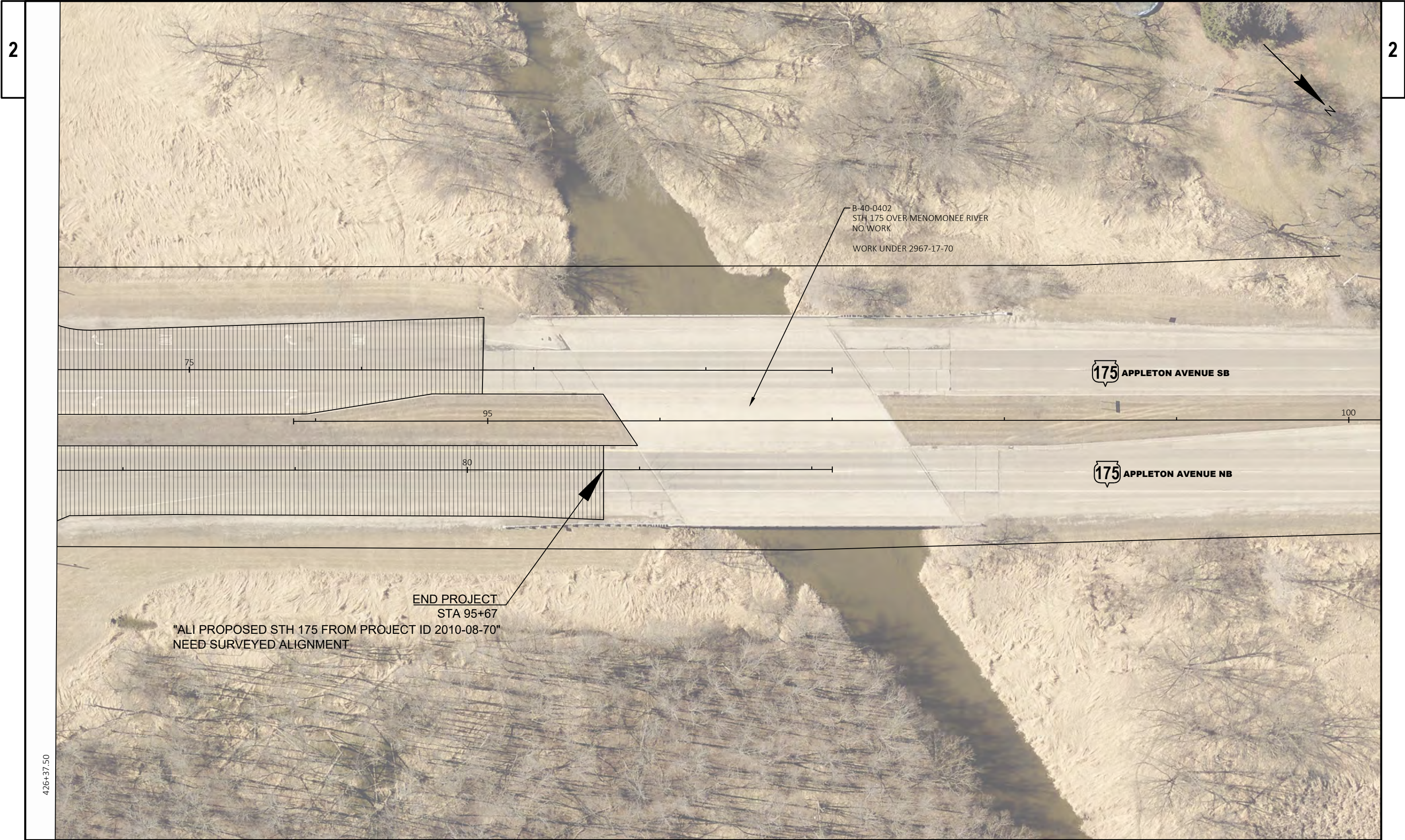
PROJECT NO: 2010-03-72	HWY: STH 175	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET	E
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PROJECT NO: 2010-03-72	HWY: STH 175	COUNTY: MILWAUKEE	PLAN DETAILS - IH-41 INTERCHANGE - STA 363+00 TO STA 419+00	SHEET	E
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PROJECT NO: 2010-03-72	HWY: STH 175	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET	E
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PROJECT NO: 2010-03-72	HWY: STH 175	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET	E
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