

THE IMPROVEMENTS COVERED BY THESE PLANS SHALL BE DONE IN ACCORDANCE WITH THE CITY OF DETROIT STANDARD SPECIFICATIONS AND STREET/ALLEY STANDARDS, AND THE MICHIGAN DEPARTMENT OF TRANSPORTATION 2020 STANDARD SPECIFICATIONS FOR CONSTRUCTION. EXCEPT WHERE OTHERWISE INDICATED ON THESE PLANS, THE PROPOSAL, AND SUPPLEMENTAL SPECIFICATIONS CONTAINED HEREIN, ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE MICHIGAN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION 2020 EDITION.

TRAFFIC DATA				SPEED DATA		LIMITS
ROAD	YEAR	ADT	DHV	COMM	DESIGNPOSTED	
W WARREN	2024	11077			30	30
DETROIT TERMINAL RAILROAD TO LIVERNOIS						

CITY OF DETROIT

PW- W. WARREN AVENUE IMPROVEMENTS

DESIGN/BUILD



COUNTY KEY

NOTES

1. LOCATIONS AND DIMENSIONS ARE APPROXIMATE. THIS IS NOT A LEGAL SURVEY.
2. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CURRENT STANDARDS, SPECIFICATIONS, AND ORDINANCES OF THE CITY OF DETROIT, WAYNE COUNTY, AND THE STATE OF MICHIGAN, WHERE APPLICABLE.
3. THE CONTRACTOR SHALL ADHERE TO ALL SITE, LOCAL, COUNTY, AND STATE ORDINANCES GOVERNING HOURS OF OPERATION.
4. THE CONTRACTOR IS RESPONSIBLE FOR DEVELOPING AND IMPLEMENTING THEIR OWN HEALTH AND SAFETY PLAN.
5. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS TO COMPLETE THE WORK. PERMITS TO BE OBTAINED INCLUDE, BUT ARE NOT LIMITED TO, MDOOT, WAYNE COUNTY, AS APPLICABLE, PRIOR TO COMMENCING WORK.
6. THE CONTRACTOR SHALL VERIFY UTILITY LOCATIONS PRIOR TO CONSTRUCTION AND CONTACT MISS DIG A MINIMUM OF 3 WORKING DAYS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL CONTACT THE OWNER TO HAVE UTILITIES OUTSIDE OF THE PUBLIC RIGHT-OF-WAY IDENTIFIED AND LOCATED. THE CONTRACTOR SHALL NOT BEGIN UNDERGROUND WORK UNTIL THE SITE HAS BEEN MARKED BY REPRESENTATIVES OF ALL AFFECTED UTILITIES.
7. THE CONTRACTOR SHALL PROTECT, OR HAVE RELOCATED, ANY UTILITIES THAT INTERFERE WITH THE CONSTRUCTION. UTILITIES AND ASSOCIATED STRUCTURES SHALL NOT BE REMOVED UNLESS SPECIFIED ON PLANS.
8. THE CONTRACTOR SHALL PROVIDE THE NECESSARY TRAFFIC CONTROL AND SIGNAGE, PER LOCAL UNIFORM TRAFFIC CONTROL REGULATIONS, TO MAINTAIN ACCESS TO RESIDENTIAL PROPERTIES THROUGHOUT CONSTRUCTION. PROVIDE APPROPRIATE BARRICADES AROUND WORK AREAS FOR PEDESTRIAN AND VEHICULAR SAFETY.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL NECESSARY CONSTRUCTION STAKING AND GRADE ALIGNMENT CONTROLS. THE CONTRACTOR SHALL PROVIDE SUFFICIENT GRADE AND ALIGNMENT REFERENCES BY MEANS OF STAKES, STRINGLINES, OR OTHER APPROPRIATE MEANS.
10. THE CONTRACTOR SHALL USE APPROPRIATE MEANS, METHODS, AND EQUIPMENT AND TAKE NECESSARY PRECAUTIONS TO AVOID DAMAGE TO THE EXISTING SITE FEATURES, SUCH AS, BUT NOT LIMITED TO, ROAD SIGNS, DRIVES, PAVEMENT, DITCHES, MANHOLES, UNDERGROUND UTILITIES, OVERHEAD UTILITIES, CULVERTS, GATES, FENCES, UTILITY POLES, OR UTILITY MARKERS. PUBLIC OR PRIVATE. ANY SITE FEATURE DAMAGE OR DISTURBANCE THAT OCCURS AS A RESULT OF THE CONTRACTOR'S MEANS, METHODS, OR EQUIPMENT SHALL BE REPAIRED AND/OR RESTORED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. THE OWNER OR THE OWNER'S REPRESENTATIVE SHALL BE THE SOLE JUDGE OF THE ACCEPTABILITY OF ANY SUCH REPAIRS OR REPLACEMENTS.
11. CONTRACTOR SHALL PROVIDE SUBMITTALS ON MATERIALS AND EQUIPMENT TO BE INCLUDED IN THE CONSTRUCTION PRIOR TO THE PRE-CONSTRUCTION MEETING. THE ENGINEER SHALL REVIEW SUBMITTALS TO VERIFY THAT THE MATERIALS ARE IN ACCORDANCE WITH THE SPECIFICATIONS. SUBMITTALS INCLUDE SUCH ITEMS AS PERMITS, SHOP DRAWINGS, CALCULATIONS, CUT SHEETS, AND QUALITY CONTROL CERTIFICATES.
12. ALL CONSTRUCTION SHALL BE COMPLETED TO THE ELEVATIONS AS NOTED ON THE PLANS. TOLERANCES OF ±0.1 FT ARE ACCEPTABLE IN LANDSCAPED/GRAVEL AREAS. TOLERANCES OF ±0.01 FT ARE ACCEPTABLE FOR PAVEMENT AND SEWER CONSTRUCTION.

JN 2401284
POB STA 33+86.90



N

JN 2401284
POE STA 89+35.02

AS-BUILT PLANS

PW-W. WARREN AVENUE IMPROVEMENTS



LOCAL AUTHORITY APPROVAL
CITY OF DETROIT
CITY ENGINEERING DIVISION
DEPARTMENT OF PUBLIC WORKS

APPROVED BY
CITY ENGINEER

DATE

APPROVED BY
HEAD ENGINEER

DATE

PREPARED UNDER THE SUPERVISION OF



6/11/2026

LICENSED PROFESSIONAL ENGINEER

THE MANNIK & SMITH GROUP, INC.
ORGANIZATION

607 SHELBY STREET, SUITE 300
DETROIT, MI 48226

MILES: 1.05
CONTRACT FOR:
ROADWAY IMPROVEMENTS INCLUDING: ADDING BIKE LANES, REDUCTION IN TRAVEL LANES WITH PERMANENT PAVEMENT STRIPING, PAVEMENT REPAIRS, AND BOLLARDS

FINAL ROW PLAN REVISIONS SUBMITTAL DATE:							
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION
1	7/24/25	MSG	BULLETIN 1				



NO SCALE

FILE: 2401284_WarrenAve_Title_AsBuilt.dgn

DATE: 06/12/26

DESIGN UNIT: DETROIT

TSC:

CS:

JN: 2401284

TITLE
W. WARREN AVENUE IMPROVEMENTS

DRAWING	SHEET
WARR TITLE 1	SECT 1 1

PUBLIC UTILITIES

The existing utilities listed below and shown on these plans represent the best information available as obtained on our surveys. This information does not relieve the contractor of the responsibility to be satisfied as to its accuracy and the location of existing utilities.

<u>Name Of Owner</u>	<u>Type Of Utility</u>
----------------------	------------------------

AT&T
Attention: Rodney Cooper
Phone: (313) 310-8678
Email: rc9827@att.com

City of Detroit
 Detroit Water & Sewerage Department
 Contract Services Facility
 6425 Huber Street,
 Detroit, MI 48211
 General: (313) 267-4863
 Fax: (313) 842-6480

Water Mains &
 Sewers

City of Detroit
Public Lighting Authority
Attention: A. Benjamin Barker
400 Monroe Street, Suite 485
Detroit, MI 48226
Direct: (313) 324-8058
Office: (313) 324-8291
Email: abarker@pladetroit.org

City of Detroit
Traffic Engineering, D.P.W.
Attention: Jonathan Flaint
2633 Michigan Avenue
Detroit, MI 48207
General: (313) 224-1610
Fax: (313)224-1304
Direct: (313) 224-4493
flaintj@detroitmi.gov

Kirit Patel (313) 628-5641
patelki@detroitmi.gov

Comcast Cable
Attention: Mike Burges
Sr. Manager, Construction
25626 Telegraph Road
Southfield, MI 48034
Phone: (248) 991-5183

Crown Castle
Attention: Kelly Klinefelter
Phone: (724) 743-6085

DDOT Bus Detours
Attention: Geena Schofield
Phone: (313) 618-2419
geesch@detroitmi.gov

DDOT Bus Stop Signage
Attention: Kathy Kelly (KK)
Phone: (313) 391-5218
kellyk@detroitmi.gov

Detroit Thermal
Attention: Corey Grindle
Phone: (313) 972-4343
cgrindle@detroitthermal.com

Detroit Municipal Parking
Attention: Kathy Payne
Phone: (313) 224-3935
walkerkathy@detroitmi.com

DTE
One Energy Plaza
Detroit, MI 48226
Gas Leak 1-800-947-5000
Electrical 1-800-477-4747

DTE
Attention: Damon Sewell
MAS Governmental & Institutional
M: 313-949-2263
D: (313) 235-4187
Damon.sewell@dteenergy.com

Great Lakes Water Authority
6425 Huber Street,
Detroit, MI 48211
Phone: (313) 267-4857
Anupam.kumar@glwater.org

ITC
Attention: Chanelle Thomas
Phone: (248) 946-3498
cthomas@itctransco.com

Lumen Fiber Optics Communication

City of Detroit
Downtown Detroit Partnership
1000 Woodward Avenue, Suite 380
Detroit, MI 48226
Direct: (313) 969-7444
Deshawn.singlton@downtowndetroit.org

Verizon Business
Attention: Joel Crane or Ronald Kocienski
Email: joel.crane@verizonwireless.com
Ronald.kocienski@verizonwireless.com
Asg.investigationsteam@asginc.us

NOTES APPLYING TO STANDARD PLANS

Where the following items are called for on plans, they are to be constructed according to the standard plan given below opposite each item unless otherwise indicated.

Title	Plan No.
ROAD	
DRAINAGE STRUCTURES	R-1-G
COVER B	R-7-F
COVER D	R-9-D
MONUMENT BOX	R-11-E
COVER K	R-15-G
CONCRETE PAVEMENT REPAIR	R-44-G
CURB, CONC, DETAIL CD, MODIFIED	C-4380*
CITY OF DETROIT, FLAT TYPE, GRATE AND FRAME	C-4392*
DETAIL AND STANDARD JOINTS	C-4397*
SIDEWALK JOINTING STANDARD	C-4462*
DWSD MANHOLE ERGO ASSEMBLY	101*
CATCH BASIN 5000 M4 GRATE	102*
DWSD MANHOLE 5000 FRAME	103*
DWSD MANHOLE 5000 FRAME	104*
CATCH BASIN 5000Z4 5000M4 ASSEMBLY	105*
CATCH BASIN 5000 ASSEMBLY	107*
A.D.A. CATCH BASIN 5000M5 GRATE	108*
A.D.A. CATCH BASIN 5000Z4 5000M5 ASSEMBLY	109*
A.D.A. CATCH BASIN 5000Z4 5000M5 ASSEMBLY	110*
DWSD MANHOLE ERGO COVER	111*
DWSD MANHOLE ERGO COVER	112*
DWSD MANHOLE FRAME	113*
INLET PROTECTION FABRIC DROP	015713-05*
SESC TEMPORARY FACILITIES	015713-10*
SESC MAINTENANCE NOTES	015713-11*
SESC GENERAL NOTES	015713-12*
SESC MEASURES (FROM 1-5)	015713-13*
SESC MEASURES (FROM 6-10)	015713-14*
SESC MEASURES (FROM 11-15)	015713-15*
SESC MEASURES (FROM 16-20)	015713-16*
SESC MEASURES (FROM 21-25)	015713-17*
PAVEMENT MARKING	
CITY OF DETROIT PAVEMENT MARKING STANDARDS	STD-01
CITY OF DETROIT PAVEMENT MARKING STANDARDS	STD-02
CITY OF DETROIT PAVEMENT MARKING STANDARDS	STD-03
CITY OF DETROIT PAVEMENT MARKING STANDARDS	STD-04
CITY OF DETROIT PAVEMENT MARKING STANDARDS	STD-05
CITY OF DETROIT PAVEMENT MARKING STANDARDS	STD-06
CITY OF DETROIT PAVEMENT MARKING STANDARDS	STD-07
CITY OF DETROIT PAVEMENT MARKING STANDARDS	STD-08
CITY OF DETROIT PAVEMENT MARKING STANDARDS	STD-09
CITY OF DETROIT PAVEMENT MARKING STANDARDS	STD-10
CITY OF DETROIT PAVEMENT MARKING STANDARDS	STD-11
CITY OF DETROIT PAVEMENT MARKING STANDARDS	STD-12
CITY OF DETROIT PAVEMENT MARKING STANDARDS	STD-13
CITY OF DETROIT PAVEMENT MARKING STANDARDS	STD-14
CITY OF DETROIT PAVEMENT MARKING STANDARDS	STD-15
CITY OF DETROIT PAVEMENT MARKING STANDARDS	STD-16
CITY OF DETROIT PAVEMENT MARKING STANDARDS	STD-17
36" GREEN U-FLEX SURFACE MOUNT	EG7C36GU3
WORK ZONES	
TYPICAL NUMBERING KEY	100-GEN-KEY
"B", "D" AND "L" TABLES, CHANNELIZING DEVICE SPACING, SIGN BORDER KEY, AND ROLL-AHEAD SPACING	101-GEN- SPACING- CHARTS
TRAFFIC CONTROL TYPICALS NOTE SHEET	102-GEN- NOTES

TRAFFIC CONTROL TYPICALS SIGN SHEET	103-GEN-SIGN
1 RIGHT LANE CLOSURE ON A 4-LANE UNDIVIDED ROADWAY	123-NFW-1LC-(R)
2-LANE CLOSURE (INSIDE LANES) ON A 4-LANE UNDIVIDED ROADWAY	125-NFW-2LC-(IN)
GROUND DRIVEN SIGN SUPPORTS FOR TEMP SIGNS	WZD-100-A *
TEMPORARY TRAFFIC CONTROL DEVICES	WZD-125-E *
* Denotes Special Detail	

FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)								 Mannik Smith GROUP TECHNICAL DRAWING. CREATIVE SPIRIT. www.MannikSmithGroup.com		NO SCALE		DATE: 06/12/26	CS:	PROJECT INFORMATION SHEET		DRAWING	SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION					DESIGN UNIT: DETROIT	JN: 2401284	W. WARREN AVENUE IMPROVEMENTS		WARR PROJ	SECT 1
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W. WARREN AVENUE QUANTITIES – AS BUILT

JN:2401284		
103	Ft	Curb, Rem
184	Syd	Sidewalk, Rem
396	Syd	Aggregate Base, 6 inch
17	Ea	Dr Structure Cover, Adj, Case 1, Modified
15	Ea	Dr Structure, Cleaning, Modified
212	Syd	HMA Surface, Rem
17	Ton	Hand Patching
212	Syd	Pavt Repr, Rem, Modified
212	Syd	Pavt Repr, Nonreinf Conc, 10 inch, modified
103	Ft	Curb, Conc, Detail CD, Modified
1645	Sft	Sidewalk, Conc, 4 inch, Modified
234	Ft	Post, Steel, 3 pound
20	Sft	Sign, Type IIB
76	Sft	Sign, Type IIIB
259	Ea	Delineator Post, Green, 36 inch Height, with AR1000 Sheeting, Standard Top Cap
259	Ea	Square Base, Green, with White AR1000 Sheeting
1036	Ea	Hex Anchor Bolt (Asphalt), Washer, and Plug
1908	Ft	Pavt Mrkg, Polyurea, 4 inch, White
895	Ft	Pavt Mrkg, Polyurea, 6 inch, Crosswalk
4031	Ft	Pavt Mrkg, Polyurea, 12 inch, White
325	Ft	Pavt Mrkg, Polyurea, 18 inch, Stop Bar
16717	Ft	Pavt Mrkg, Sprayable Thermopl, 4 inch, White
16114	Ft	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow
3854	Ft	Pavt Mrkg, Sprayable Thermopl, 12 inch, White
10	Ea	Pavt Mrkg, Polyurea, Bus
5	Ea	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym
7	Ea	Pavt Mrkg, Polyurea, Only
2	Ea	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym
10	Ea	Pavt Mrkg, Polyurea, Stop
5	Ea	Pavt Mrkg, Polyurea, Thru and Rt Turn Arrow Sym
1	Ea	Pavt Mrkg, Polyurea, Thru Arrow Sym
3689	Sft	Pavt Mrkg, Polymer Cement Surfacing, Green
2276	Sft	Pavt Mrkg, Polymer Cement Surfacing, Red
19	Ea	Pavt Mrkg, Polymer Cement Surfacing, Bike, Small Sym
19	Ea	Pavt Mrkg, Polymer Cement Surfacing, Directional Arrow Sym Bike

MISCELLANEOUS QUANTITIES – AS BUILT

The following items of work shall be done as they apply throughout the project. These items are not detailed or included on the plan sheets. This is a Design Build Project, Quantities are estimated for contractor planning.

JN:2401284		
10	Cyd	Excavation, Earth, Modified
33	Ea	Erosion Control, Inlet Protection, Fabric Drop
1	Ea	Dr Structure Cover, Adj, Case 1, Modified
1	Ea	Dr Structure, Cleaning, Modified
10	Ton	Hand Patching
6	Ea	Sign, Type II, Rem
6	Ea	Sign, Type III, Rem
1097	Sft	Rem Spec Mrkg
20	Ea	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn
20	Ea	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper
20	Ea	Pedestrian Type II Barricade, Temp
2	Ea	Lighted Arrow, Type C, Furn
2	Ea	Lighted Arrow, Type C, Oper
1	LSUM	Minor Traf Devices
23822	Ft	Pavt Mrkg, Longit, 6 inch or Less Width, Rem
212	Ft	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem
250	Ea	Plastic Drum, Fluorescent, Furn
250	Ea	Plastic Drum, Fluorescent, Oper
215	Sft	Sign, Type B, Temp, Prismatic, Furn
215	Sft	Sign, Type B, Temp, Prismatic, Oper
1	LSUM	Traf Regulator Control
10	Ea	Bus Stop, Temp

SHEET INDEX

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FUNDING CATEGORIES

2401284 – W. WARREN AVENUE STREETSCAPE
Category 001 – Roadwork City of Detroit

LABELING GENERAL LEFT TURN ARROW RIGHT TURN ARROW TRAFFIC FLOW ARROW REMOVAL A ABANDON B BULKHEAD C CLEARING R REMOVE SALV SALVAGE S SAVE CONSTRUCTION ADJ ADJUST ADJ-B ADJUST - STRUC COVER WITH TYPE ADJ-B/O ADJUST - BY OTHERS REMOVAL AND CONSTRUCTION REL-1 RELOCATE - WITH CASE NUMBER REL-B/O RELOCATE - BY OTHERS BOUNDARY CONTIGUOUS PROPERTY SYMBOL 123456 MDOT PARCEL NUMBER BOX PROPERTY OWNERSHIP ARROW PROPERTY OWNERSHIP ARROW - DOUBLE MONUMENT PRESERVATION PRESERVE PRESERVE MONUMENT PROTECT PROTECT MONUMENT STRUCTURES REFERENCE POINT S01 OF 12345 STRUCTURE NO. + CONTROL SECTION BARRIERS CABLE BARRIER - NOT TO SCALE CABLE BARRIER - TRUE SCALE CONCRETE BARRIER - DOUBLE FACE CONCRETE BARRIER - SINGLE FACE FENCE GUARDRAIL - NOT TO SCALE GUARDRAIL - TRUE SCALE NOISE BARRIER 123 GUARDRAIL RUN NUMBER IMPACT ATTENUATOR																BORINGS BH# BORING BOUNDARIES CITY LIMIT CONDO - LIMIT - LEGAL CONDO - LIMIT - NON-LEGAL CONDO - UNIT LINE - LEGAL CONDO - UNIT LINE - NON-LEGAL EASEMENT - LEGAL EASEMENT - NON-LEGAL MEANDER - LEGAL MEANDER - NON-LEGAL PARCEL - LEGAL PARCEL - NON-LEGAL PLAT - BLOCK LINE - LEGAL PLAT - BLOCK LINE - NON-LEGAL PLAT - LOT LINE - LEGAL PLAT - LOT LINE - NON-LEGAL PLAT - LIMIT - LEGAL PLAT - LIMIT - NON-LEGAL ROW - FREE ACCESS ROW - LIMITED ACCESS SECTION LINE - GOVERNMENT LOT - LEGAL SECTION LINE - GOVERNMENT LOT - NON-LEGAL SECTION LINE - MEANDER - LEGAL SECTION LINE - MEANDER - NON-LEGAL SECTION LINE - PRIVATE CLAIM - LEGAL SECTION LINE - PRIVATE CLAIM - NON-LEGAL SECTION LINE - QUARTER - LEGAL SECTION LINE - QUARTER - NON-LEGAL SECTION LINE - EIGHTH - LEGAL SECTION LINE - EIGHTH - NON-LEGAL SECTION LINE - SIXTEENTH - LEGAL SECTION LINE - SIXTEENTH - NON-LEGAL TOWNSHIP LINE CONSTRUCTION LIMITS SLOPE STAKE LINE																CONTROL, CORNERS & MONUMENTS ALIGNMENT POINT MONUMENT BM BENCHMARK CONCRETE MONUMENT CP CONTROL POINT PS PARCEL CORNER - CAPPED IRON PARCEL CORNER - IRON PIN PARCEL CORNER - IRON PIPE PARCEL CORNER - NO ID PLAT CORNER MONUMENT BOX ROW ROW MONUMENT SECTION CORNER - CENTER SECTION CORNER - GOVERNMENT LOT SECTION CORNER - MEANDER SECTION CORNER - PRIVATE CLAIM SECTION CORNER - QUARTER SECTION CORNER - QUARTER - HALF SECTION CORNER - SECTION SECTION CORNER - SECTION - HALF SECTION CORNER - SIXTEENTH SECTION CORNER - WITNESS CURB & GUTTER CURB & GUTTER REMOVAL CURB RAMP OPENING ENVIRONMENTAL 26 EROSION CONTROL - SILT FENCE WETLAND - LEGAL WETLAND - NON-LEGAL CONTAMINATION - MONITORING WELL 01 EROSION CONTROL NUMBER EROSION CONTROL - RIPRAP 600.00 WATER SURFACE - ELEV W.T. 600.00 WATER TABLE - ELEV WETLAND SPOT POTENTIALLY CONTAMINATED SITE POSTS POST - FENCE POST - MAILBOX POST - NO ID																RAILROAD TRACK CROSSING - GATE RR CROSSING - SIGNAL BOX RR CROSSING - SIGNAL FLASHING CROSSING - SYMBOL ROADSIDE / SITE ANTENNA BIG ROCK FLAG POLE PICNIC STOVE PICNIC TABLE SATELLITE DISH SIGNS BAND - DOUBLE BAND - SINGLE POST - CROSS STREET POST - DOUBLE POST - DOUBLE - WITH BACK PANEL POST - SINGLE POST - SINGLE - WITH BACK PANEL STRUCTURE - CANTILEVER - EXISTING STRUCTURE - CANTILEVER STRUCTURE - TRUSS - EXISTING STRUCTURE - TRUSS SUSPENDED VEGETATION BRUSH LINE HEDGE LINE TREE LINE - CANOPY OR TRUNK TREE LINE - TRUNK SHRUB TREE - CONIFER TREE - DECIDUOUS TREE - STUMP TYPICAL SECTION CONCRETE - PROPOSED HMA - PROPOSED																SURFACING REMOVAL CONCRETE RUBBLIZING OR HMA CRUSH & SHAPE HMA COLDMILLING HMA SURFACE REMOVAL AND / OR PAVEMENT REMOVAL PROPOSED AGGREGATE APPROACH BRIDGE APPROACH HMA APPROACH MISCELLANEOUS CONCRETE SIDEWALK & CURB RAMPS SIDEWALK REMOVAL CURB RAMP LANDING CR-F CURB RAMP TYPE DETECTABLE WARNING SURFACE NOTE: EXISTING ITEMS ARE REPRESENTED BY THIN LINE WEIGHTS. PROPOSED ITEMS ARE REPRESENTED BY HEAVIER LINE WEIGHTS.															
FINAL ROW PLAN REVISIONS																SUBMITTAL DATE:																																																															
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ELECTRICAL	
	HANDHOLE - EXISTING
	HANDHOLE, ROUND
	HANDHOLE, ROUND, 3 FOOT DIAMETER
	HANDHOLE, TYPE D
	MANHOLE - EXISTING
	SERVICE METER - EXISTING
	TRANSFORMER - PAD MOUNTED - EXISTING
	TRANSFORMER - POLE MOUNTED - EXISTING
	CABLE
	CABLE - TO BE REMOVED
	CABLE OVERHEAD
	CABLE OVERHEAD - TO BE REMOVED
	CABLE IN CONDUIT
	CABLE IN CONDUIT - TO BE REMOVED
	CABLE IN CONDUIT - DIRECTIONAL BORE

HH	HANDHOLE - EXISTING
⊙	HANDHOLE, ROUND
⊙	HANDHOLE, ROUND, 3 FOOT DIAMETER
E	HANDHOLE, TYPE D
MH	MANHOLE - EXISTING
E	SERVICE METER - EXISTING
T	TRANSFORMER - PAD MOUNTED - EXISTING
T _H	TRANSFORMER - POLE MOUNTED - EXISTING

	CABLE
	CABLE - TO BE REMOVED
	CABLE OVERHEAD
	CABLE OVERHEAD - TO BE REMOVED
	CABLE IN CONDUIT
	CABLE IN CONDUIT - TO BE REMOVED
	CABLE IN CONDUIT - DIRECTIONAL BORE

LIGHTING	
	CONTROL PANEL - EXISTING
	CONTROL PANEL
	FLOOD LIGHT
	HANDHOLE, ROUND
R&S	LIGHT STANDARD - EXISTING TO BE REMOVED & SALVAGED
	LIGHT STANDARD DOUBLE ARM - EXISTING
	LIGHT STANDARD DOUBLE ARM
	LIGHT STANDARD POST TOP - EXISTING
	LIGHT STANDARD POST TOP
	LIGHT STANDARD SINGLE ARM - EXISTING
	LIGHT STANDARD SINGLE ARM
	LUMINAIRE WALL MOUNTED UNDER BRIDGE - EXISTING
	LUMINAIRE WALL MOUNTED UNDER BRIDGE
	SUSPENDED LIGHT - EXISTING
T-	TOWER LIGHTING UNIT - EXISTING
T-	TOWER LIGHTING UNIT

	CONTROL PANEL - EXISTING
	CONTROL PANEL
	FLOOD LIGHT
	HANDHOLE, ROUND
	LIGHT STANDARD - EXISTING
R&S	TO BE REMOVED & SALVAGED
	LIGHT STANDARD DOUBLE ARM - EXISTING
	LIGHT STANDARD DOUBLE ARM
	LIGHT STANDARD POST TOP - EXISTING
	LIGHT STANDARD POST TOP
	LIGHT STANDARD SINGLE ARM - EXISTING
	LIGHT STANDARD SINGLE ARM
	LUMINAIRE WALL MOUNTED UNDER BRIDGE - EXISTING
	LUMINAIRE WALL MOUNTED UNDER BRIDGE
	SUSPENDED LIGHT - EXISTING
	TOWER LIGHTING UNIT - EXISTING
	TOWER LIGHTING UNIT

ITS / SIGNAGE	
	DYNAMIC MESSAGE SIGN - EXISTING
	DYNAMIC MESSAGE SIGN
	ENVIRONMENTAL SENSOR STATION SITE
	FIBER OPTIC SPLICE CABINET
	HANDHOLE, ROUND, 3 FOOT DIAMETER
	HANDHOLE, ROUND, COMMUNICATIONS
	HANDHOLE, ROUND, ELECTRIC
	HANDHOLE, TYPE D
	ITS CABINET - PAD MOUNTED - EXISTING
	ITS CABINET - PAD MOUNTED
	ITS CABINET - POLE MOUNTED - EXISTING
	ITS CABINET - POLE MOUNTED
	MICROWAVE VEHICLE DETECTION SYSTEM - EXISTING
	MICROWAVE VEHICLE DETECTION SYSTEM
	MICROWAVE VEHICLE DETECTION SYSTEM ZONE COVERAGE - EXISTING
	MICROWAVE VEHICLE DETECTION SYSTEM ZONE COVERAGE
	SPUN CONCRETE POLE - EXISTING
	SPUN CONCRETE POLE
	SURVEILLANCE SYSTEM - EXISTING
	SURVEILLANCE SYSTEM
	WIRELESS LINK - EXISTING
	WIRELESS LINK
	COMMUNICATIONS CABLE IN CONDUIT
	COMMUNICATIONS CABLE IN CONDUIT - TO BE REMOVED

	DYNAMIC MESSAGE SIGN - EXISTING
	DYNAMIC MESSAGE SIGN
	ENVIRONMENTAL SENSOR STATION SITE
	FIBER OPTIC SPLICER CABINET
	HANDHOLE, ROUND, 3 FOOT DIAMETER
	HANDHOLE, ROUND, COMMUNICATIONS
	HANDHOLE, ROUND, ELECTRIC
	HANDHOLE, TYPE D
	ITS CABINET - PAD MOUNTED - EXISTING
	ITS CABINET - PAD MOUNTED
	ITS CABINET - POLE MOUNTED - EXISTING
	ITS CABINET - POLE MOUNTED
	MICROWAVE VEHICLE DETECTION SYSTEM - EXISTING
	MICROWAVE VEHICLE DETECTION SYSTEM
	MICROWAVE VEHICLE DETECTION SYSTEM ZONE COVERAGE - EXISTING
	MICROWAVE VEHICLE DETECTION SYSTEM ZONE COVERAGE
	SPUN CONCRETE POLE - EXISTING
	SPUN CONCRETE POLE
	SURVEILLANCE SYSTEM - EXISTING
	SURVEILLANCE SYSTEM
	WIRELESS LINK - EXISTING
	WIRELESS LINK

 ITS  COMMUNICATIONS CABLE IN CONDUIT

 ITS  COMMUNICATIONS CABLE IN CONDUIT - TO BE REMOVED

CABLING / WIRING DIAGRAM

CIRCUIT BREAKER

COILED WIRE

FUSE

FUSE SWITCH

GROUND

ILLUMINATED CASE SIGN

METER

SERVICE DISCONNECT

SIGNAL HEAD

NOTE:

EXISTING ITEMS ARE REPRESENTED BY THIN LINE WEIGHTS.

PROPOSED ITEMS ARE REPRESENTED BY HEAVIER LINE WEIGHTS.

	CIRCUIT BREAKER
	COILED WIRE
	FUSE
	FUSE SWITCH
	GROUND
	ILLUMINATED CASE SIGN
	METER
	SERVICE DISCONNECT
	SIGNAL HEAD

EXISTING ITEMS ARE REPRESENTED BY THIN LINE WEIGHTS.
PROPOSED ITEMS ARE REPRESENTED BY HEAVIER LINE WEIGHTS.

FINAL ROW PLAN REVISIONS								SUBMITTAL DATE:		 Mannik Smith GROUP TECHNICAL, SKILL CREATIVE, SPIRIT www.MannikSmithGroup.com	 City of Detroit	NO SCALE		DATE: 06/12/26	CS:	LEGEND		DRAWING	SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION		DESIGN UNIT:DETROIT				JN: 2401284	W. WARREN AVENUE IMPROVEMENTS		WARR LEGEND	SECT 1		
									FILE: 2401284_WarrenAve_Leg001_AB.dgn				TSC:			2	5		

UTILITIES

COMBINED SEWER

→)→)→)→)→)

COMBINED SEWER

→)→)→)→)→)

COMBINED SEWER - OUT OF SERVICE

→)→)→)→)→)

COMBINED SEWER - TO BE TAKEN OUT OF SERVICE

→)→)→)→)→)

COMBINED SEWER - TO BE REMOVED

COMMUNICATION

—— F0 —— ——

FIBER OPTIC

// —— F0 —— //

FIBER OPTIC - OUT OF SERVICE

—— F0-OH —— —

FIBER OPTIC - OVERHEAD

⌚

FIBER OPTIC MARKER

—— C —— —— ·

CABLE

// —— C —— //

CABLE - OUT OF SERVICE

—— C-OH —— ——

CABLE - OVERHEAD

⌚

CABLE MARKER

◇

CABLE PEDESTAL

—— — T — —— — — ·

TELEPHONE

// —— — T —— // —— //

TELEPHONE - OUT OF SERVICE

—— — T-OH —— —— — —

TELEPHONE - OVERHEAD

⌚

TELEPHONE BOX

⌚

TELEPHONE MANHOLE

◇

TELEPHONE PEDESTAL

FUEL / PETROLEUM

⊖

GASOLINE FILLER PIPE

⌚

GASOLINE PUMP

⌚

GASOLINE UNDERGROUND TANK

—— — PETRO —— —— ·

PETROLEUM PIPELINE

// —— — PETRO —— //

PETROLEUM PIPELINE - OUT OF SERVICE

⌚

PETROLEUM PIPELINE MARKER

Ⓟ

PETROLEUM WELL

Ⓟ

PROPANE TANK

NATURAL GAS

—— — G —— —— —

GAS LINE

// —— — G —— —— //

GAS LINE - OUT OF SERVICE

⌚

MARKER

⌚

VALVE

⌚

WELL

SANITARY SEWER

Ⓢ

MANHOLE WITH COVER (DIA VARIES)

——)——)——)——

SEWER

——)//)//)//

SEWER - OUT OF SERVICE

——)→)→)→)→)→)

SEWER - TO BE TAKEN OUT OF SERVICE

——)×)×)×)×)×)

SEWER - TO BE REMOVED

WATER

⌚

FIRE HYDRANT

⊗

GATE VALVE AND BOX

Ⓢ

GATE VALVE IN WELL

⌚

IRRIGATION CONTROL VALVE

⌚

IRRIGATION SPRINKLER HEAD

⌚

SERVICE METER

⊖

SERVICE SHUTOFF

⌚

WATER WELL

—— — I · ——— ———

IRRIGATION

—— — W · ——— ———

WATER MAIN

// —— — W —— // —— //

WATER MAIN - OUT OF SERVICE

→)→)→)→)→)

WATER MAIN - TO BE TAKEN OUT OF SERVICE

×)×)×)×)×)

WATER MAIN - TO BE REMOVED

STEAM

—— — STEAM —— —— —

STEAM

// —— — STEAM —— //

STEAM - OUT OF SERVICE

GENERIC EXISTING UTILITIES

⌚

GUY ANCHOR

⌚

MARKER

◇

PEDESTAL

○

POLE

⌚

UTILITY BOX

—— — U · ——— ———

UTILITY

DRAINAGE

Ⓢ

Ⓢ

Ⓢ

CATCH BASIN COVER - EXISTING

Ⓢ

Ⓢ

Ⓢ

CATCH BASIN W/ COVER (DIA VARIES)

12

DRAINAGE STRUCTURE NUMBER

▪

DRAIN CASTING

○

DROP INLET

▷ □ ◻ ◻ ▷

END SECTION (SIZE VARIES)

→

FLOW DIRECTION ARROW

⌚

HEADWALL (SIZE VARIES)

○

MANHOLE COVER - EXISTING

Ⓢ

MANHOLE W/ COVER (DIA VARIES)

Ⓢ

MANHOLE BASE W/ COVER (SIZE VARIES)

Ⓢ

MANHOLE TEE W/ COVER (SIZE VARIES)

Ⓢ

OUTLET HEADWALL (SIZE VARIES)

Ⓢ

SEWER CLEANOUT ACCESS - EXISTING

○

STRUCTURE BOTTOM - EXISTING (DIA VARIES)

—— — — — —

CULVERT - EXISTING

Ⓢ

CULVERT (SIZE VARIES)

—— — — — —

DITCH CENTERLINE

⌚

STORM SEWER - EXISTING

⌚

STORM SEWER

×)×)×)×)×)

STORM SEWER - TO BE REMOVED

→)→)→)→)→)

UNDERDRAIN

×)×)×)×)×)

UNDERDRAIN - TO BE REMOVED

—— — — — —

WATER EDGE

MAINTAINING TRAFFIC

⌚

⌚

⌚

⌚

TYPE III BARRICADE

⌚

⌚

⌚

⌚

CHANNELIZING DEVICE - 42 INCH

⌚

⌚

⌚

⌚

CHANNELIZING DEVICE - DRUM

⌚

⌚

⌚

⌚

CHANNELIZING DEVICE - TUBULAR MARKER

⌚

⌚

⌚

⌚

⌚

LIGHT - HIGH INTENSITY TYPE B

⌚

⌚

⌚

⌚

LIGHT - STEADY BURN TYPE C

⌚

⌚

⌚

⌚

LIGHTED ARROW PANEL - BAR

⌚

⌚

⌚

⌚

LIGHTED ARROW PANEL

⌚

⌚

⌚

⌚

PORTABLE CHANGEABLE MESSAGE SIGN

⌚

⌚

⌚

⌚

PORTABLE WATER FILLED BARRIER

⌚

⌚

⌚

⌚

TRAFFIC REGULATOR

⌚

⌚

⌚

⌚

TEMPORARY BARRIER - 24 INCH

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⌚

⌚

TEMPORARY BARRIER - 28 INCH

⌚

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⌚

TEMPORARY BARRIER ENDING

⌚

⌚

⌚

⌚

TEMPORARY SIGN

⌚

⌚

⌚

⌚

TEMPORARY SPEED RADAR TRAILER

⌚

⌚

⌚

⌚

TEMPORARY TRAFFIC SIGNAL

⌚

⌚

⌚

⌚

WORK AREA

NOTE:

EXISTING ITEMS ARE REPRESENTED BY THIN LINE WEIGHTS.

PROPOSED ITEMS ARE REPRESENTED BY HEAVIER LINE WEIGHTS.

FINAL ROW PLAN REVISIONS

SUBMITTAL DATE:

NO.

DATE

AUTH

DESCRIPTION

NO.

DATE

AUTH

DESCRIPTION

Mannik Smith GROUP

TECHNICAL SKILL
CREATIVE SPIRIT.

www.MannikSmithGroup.com

City of Detroit

NO SCALE

DATE: 06/12/26

DESIGN UNIT:DETROIT

FILE: 2401284_WarrenAve_Leg001_AB.dgn

CS:

JN: 2401284

TSC:

LEGEND

W. WARREN AVENUE IMPROVEMENTS

DRAWING

SHEET

WARR
LEGEND
3

SECT 1
6

GENERAL NOTES

UTILITIES

MISS DIG/UNDERGROUND UTILITY NOTIFICATION
Contact MISS DIG System, Inc. for the protection of underground utilities and in conformance with MCL 460.721 et seq, by phone at 811 or 800-482-7171 or via the web at either elocate.missdig.org for single address or rte.missdig.org, a minimum of 3 working days prior to excavating, excluding weekends and holidays.

SURVEY

PRESERVATION OF BOUNDARY MONUMENTS
Preserve all corners within the project limits, whether shown or not. Adjust monument boxes as required.

OLD PLANS

OLD ROAD PLANS
The following old road plans were referred to in the design of this project.
Warren Ave.- From Walton to Detroit Terminal Railroad – 1924
Resurfacing and Widening

Warren Ave- From Wykes St to Detroit Terminal Railroad- 1936
Resurfacing and Widening

Warren Ave- From Livernois to Walton St- 1948
Resurfacing and Widening

DETAILED GRADES

GRADES FOR INTERSECTIONS
Determine intersection grades before construction is started.

SIGNALIZED SIDE ROAD TO TRUNKLINE INTERSECTIONS:
Carry the normal edge of pavement grade of the trunkline across the intersection whenever possible. Establish the side road approach grade and crown to provide drainage and suitable rideability.

UNSIGNALIZED SIDE ROAD TO TRUNKLINE INTERSECTIONS:
Carry the normal edge of pavement grade of the trunkline across the intersection and establish the side road approach grade and crown to provide drainage.

SIDEWALK AND CURB RAMP GRADES
After staking the sidewalk and curb ramps contact the Engineer to verify the grades and authorize construction.

EARTHWORK

EARTHWORK
Earthwork quantities are computed by the average end area method based upon ground survey information.

EARTH DISTURBANCE LIMITS
Limit earth disturbance to 10' beyond the slope stake line or to the ROW line whichever is less. The plans include restoration measures for the approved areas of disturbance. Submit an earth change plan to the Engineer to review and approve for any work beyond the approved areas of disturbance. Costs for obtaining and executing an approved earth change plan, including restoration are the Contractor's responsibility.

SOIL EROSION MEASURES
Place appropriate soil erosion and sedimentation control measures prior to earth-disturbing activities. Place turf establishment items as soon as possible on potential erodible slopes as directed by the Engineer.

BASES

AGGREGATE BASE
Use aggregate 21AA for aggregate bases unless otherwise specified.

DRAINAGE

ILLICIT CONNECTIONS TO STORM WATER SYSTEM
Reconnect existing storm conveyance systems not shown on the plans with minimal interruption in service. Report any suspect illicit discharge observed including size, type, and location by station and offset to the Engineer prior to reconnecting and proceed as directed.

TEMPORARY BULKHEADS
Use temporary bulkheads as needed for part width construction of culverts and sewers. Costs associated with temporary bulkheads are included in the items for the culverts and sewers.

PAVEMENT

SOIL BORINGS AND/OR PAVEMENT CORES
The soil boring logs and/or pavement cores represent point information. No inference should be made that subsurface or pavement conditions are the same at other locations.

CONCRETE HAND FINISHING
Strike off, consolidate, and hand finish concrete pours using hand methods on variable width lanes and lanes formed by flexible forms for short radius curves, as directed by the Engineer.

SIGNS

EXISTING SIGN RELOCATION
Salvage and reset any permanent signs requiring relocation due to Contractor operations at locations designated by the Engineer. Replace signs and posts damaged during the removal and storage operations with new signs and posts. The cost of this work is the Contractor's responsibility.

PLAN SCALE
The final plans submitted with the proposal are not to scale. Fabricate proposed signs and structures shown on plan sheets in accordance with Typical Plans, Standards, and/or Details at locations described.

SIGN LAYOUT
Use the current English edition of "Standard Highway Signs" manual or details in plans for proposed sign layouts. Use the "SignCAD" software to determine the legend length.

SHEETING
Splice sheeting used for Type I signs with a 3-inch overlap.

SIGN INSTALLATION
Place nylon washers between the steel washer and the sign face sheeting. The nylon washers are to be considered part of the attaching devices and hardware. Use nylon washers with have a 3/8-inch inner diameter, a 7/8-inch outer diameter and a 1/16-inch thickness.

PROJECT SPECIFIC NOTES

EROSION CONTROL PROGRAM

The General Services Department (GSD) is an Authorized Public Agency (APA) entity and has been granted the by the State of Michigan the privilege to undertake earth change activities without having to obtain Soil Erosion and Sedimentation Control (SESC) permit. The contractor shall comply with the provisions of the State of Michigan's SESC law and requirements. The contractor shall follow the GSD APA Procedures, create the required soil erosion control plans, and obtain plan approval from the GSD Project Manager or GSD Acting Official APA Contact.

If the City of Detroit receives any SESC violation notice and/or fines associated with this project, the contractor must correct any violation within 24 hours of receiving notice from the GSD. The contractor shall hold the City harmless by paying for all SESC fines associated with the project.

BUS STOP ACCESS

Contractor to preserve access to bus stops during construction in accordance with Special Provision for 10 Temporary Bus Stop to be found in construction specifications.

BUS STOP SIGNS

Where permanent bus stop signs will be removed during construction, DDOT will remove and store signage. Contractor shall provide temporary orange sign reading "TEMP BUS STOP" to mark bus stop locations during construction (e.g. WZ0-11 temporary bus stop typical from MDOT Work Zone Sign Manual), to be placed prior to removal of permanent signs. DDOT will reinstall permanent bus stop signage per the plans when construction is completes. Bus stop sign that will not be disturbed during construction shall be preserved in place, and bagged by Contractor if not in service. Contractor shall be responsible for the replacement cost of any permanent signs lost or damaged during construction.

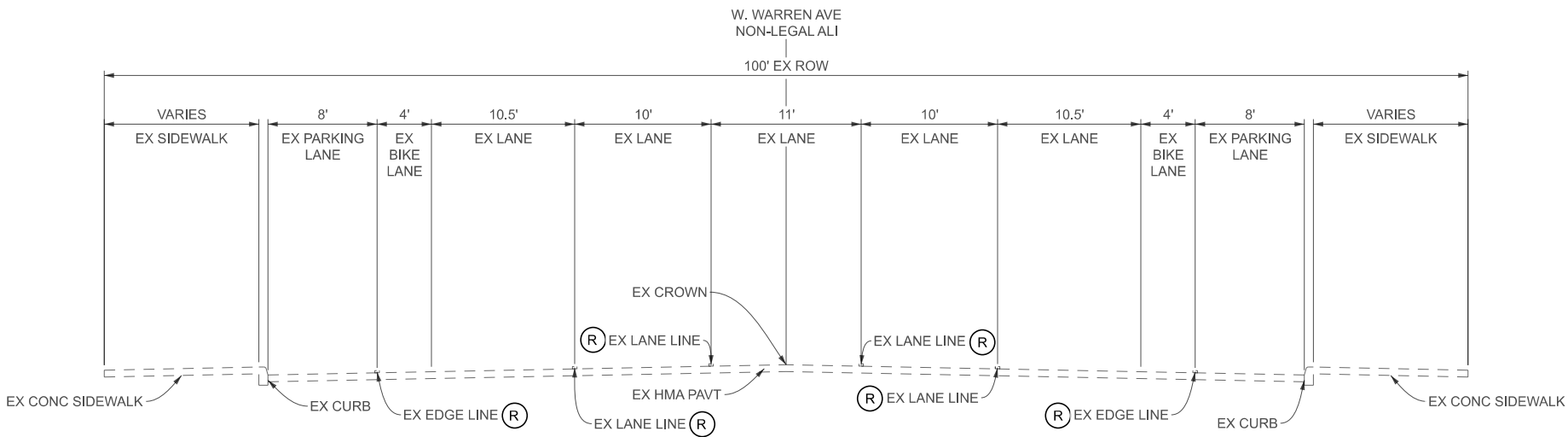
TRASH RECEPTACLES

For the removal and resetting of trash receptacles, the contractor must reach out to the representative of the Downtown Detroit Partnership.

EXISTING LIGHTING

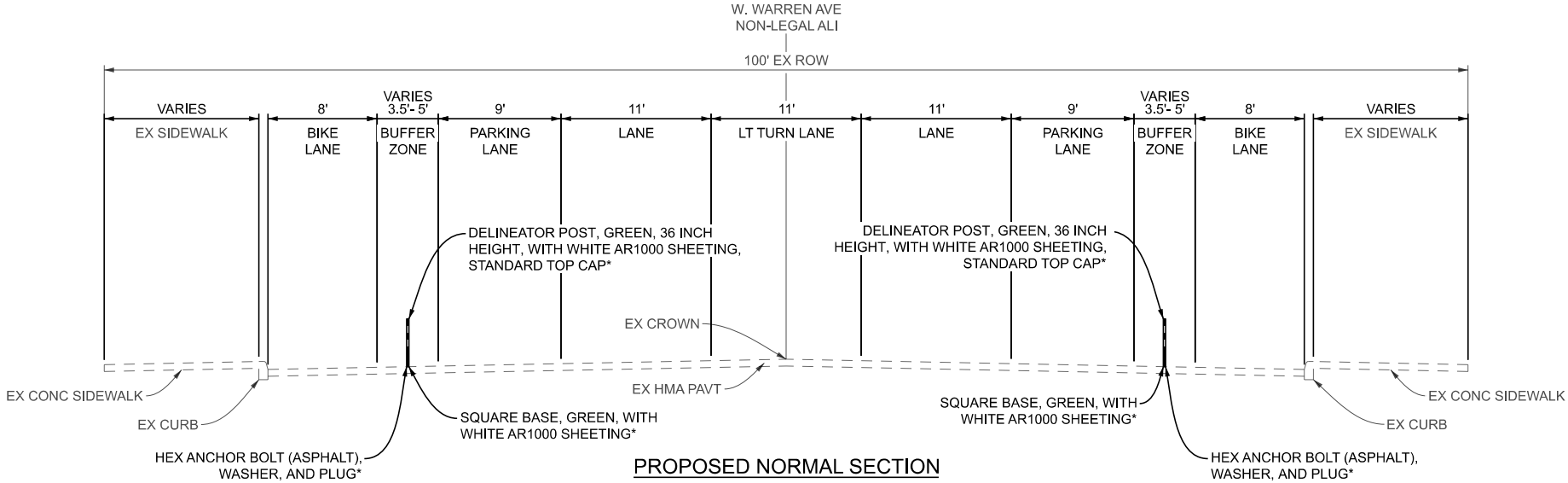
Protect existing lighting throughout the project.

FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)								 Mannik Smith GROUP TECHNICAL SKILL, CREATIVE SPIRIT. www.MannikSmithGroup.com	 City of Detroit	NO SCALE		DATE: 06/12/26	CS:	NOTE SHEET		DRAWING	SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION					DESIGN UNIT: DETROIT	JN: 2401284	W. WARREN AVENUE IMPROVEMENTS		WARR NOTE 001	SECT 1
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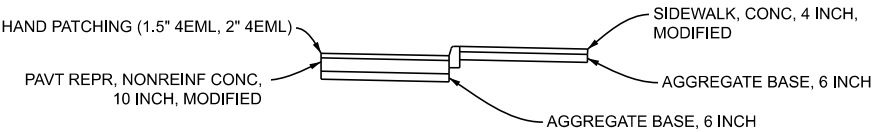
EXISTING NORMAL SECTION

SECTION APPLIES TO:
POB STA 37+94.37 TO STA 84+05.70



PROPOSED NORMAL SECTION

SECTION APPLIES TO:
POB STA 37+94.37 TO STA 84+05.70

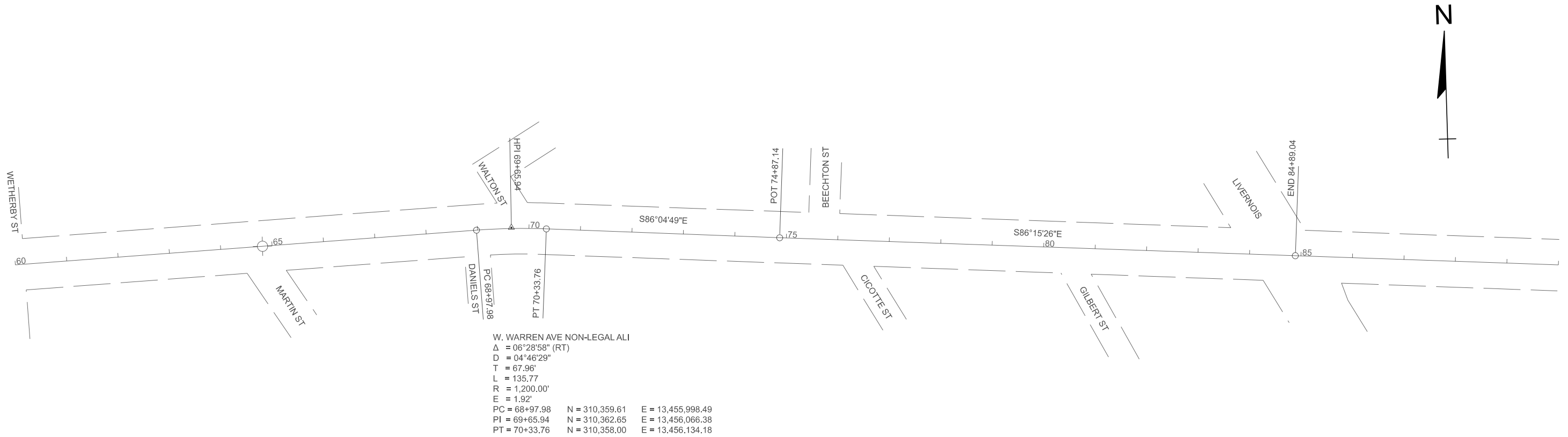


PAVEMENT REPAIR PARTIAL SECTION

* ITEMS WILL BE GROUPED TOGETHER FOR NOTE ON PLANS AS "POST, DELINEATOR, 36 INCH, GREEN", BUT WILL BE PAID FOR SEPARATELY AS NOTED ABOVE.

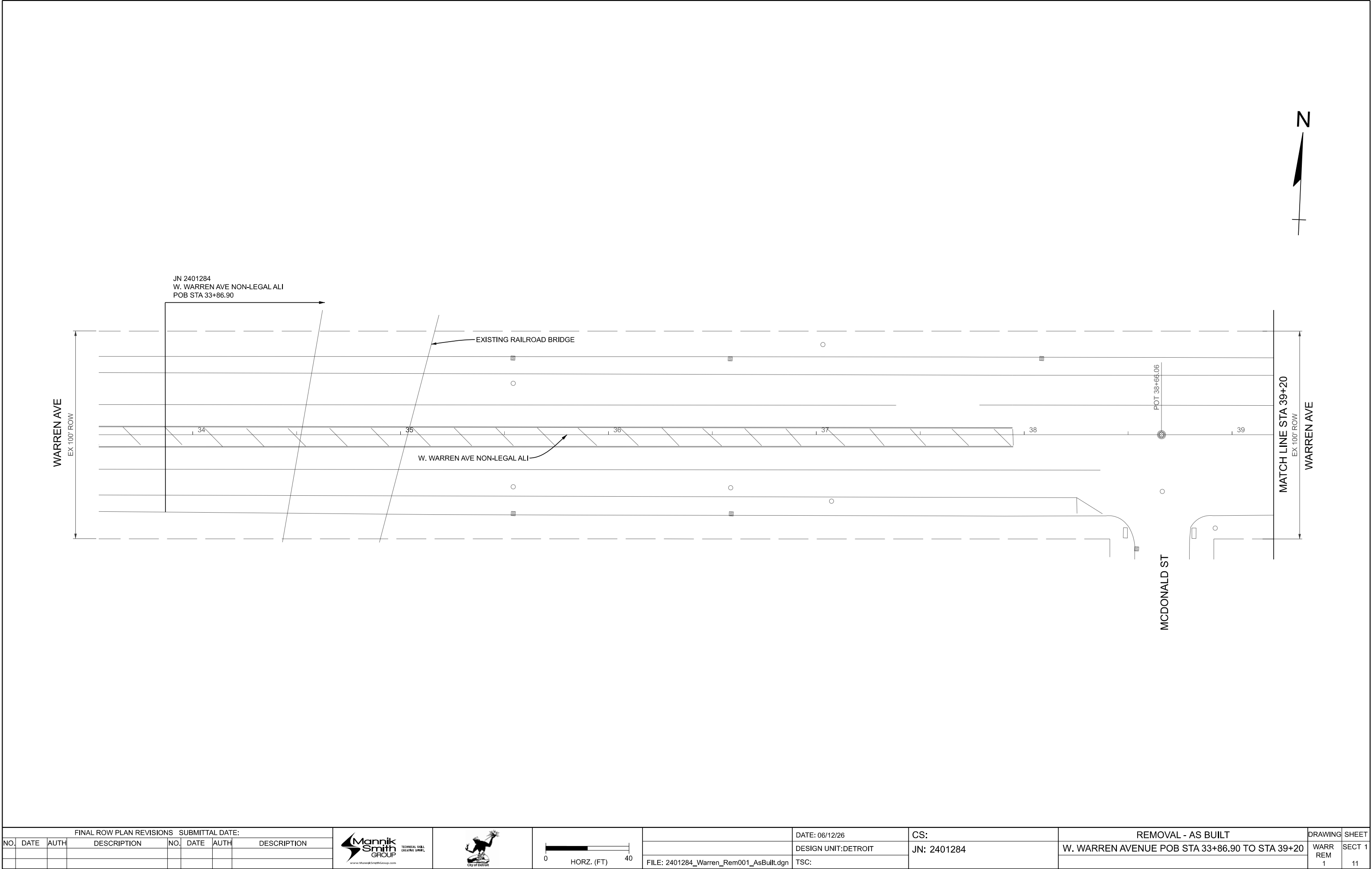
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W. WARREN AVE NON-LEGAL ALI
Δ = 06°28'58" (RT)
D = 04°46'29"
T = 67.96'
L = 135.77'
R = 1,200.00'
E = 1.92'
PC = 68+97.98 N = 310,359.61 E = 13,455,998.49
PI = 69+65.94 N = 310,362.65 E = 13,456,066.38
PT = 70+33.76 N = 310,358.00 E = 13,456,134.18

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JN 2401284
W. WARREN AVE NON-LEGAL ALI
POB STA 33+86.90

EXISTING RAILROAD BRIDGE

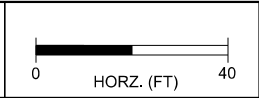
W. WARREN AVE NON-LEGAL ALI

MCDONALD ST

POT 38+66.06

MATCH LINE STA 39+20

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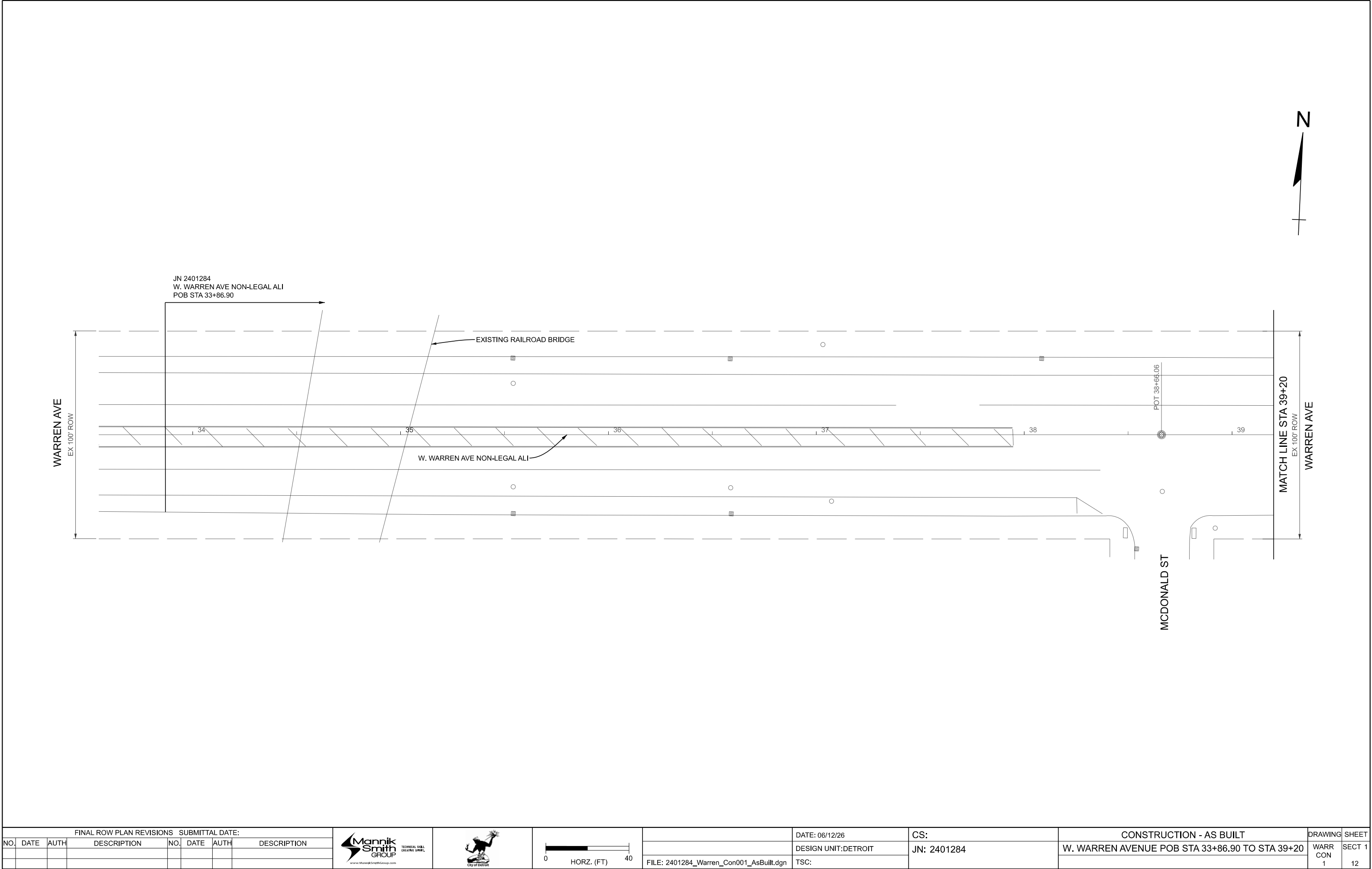
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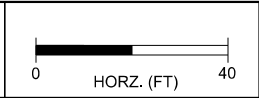
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JN: 2401284

REMOVAL - AS BUILT	
W. WARREN AVENUE POB STA 33+86.90 TO STA 39+20	

DRAWING	SHEET
WARR REM 1	SECT 1 11



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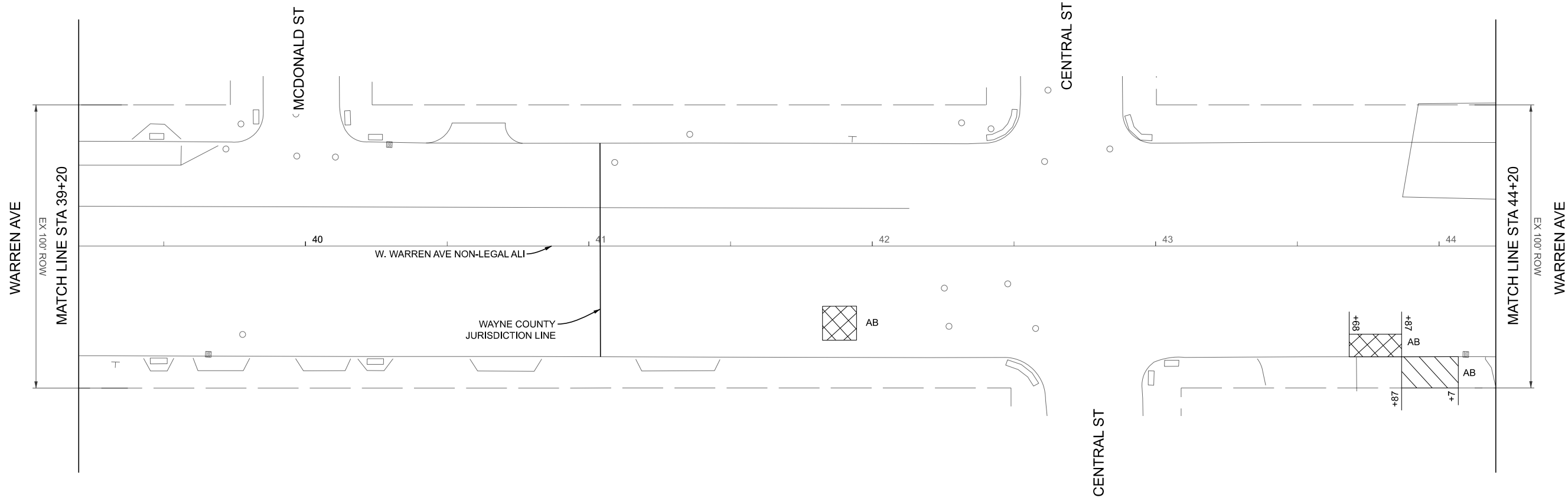
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JN: 2401284

CONSTRUCTION - AS BUILT	
W. WARREN AVENUE POB STA 33+86.90 TO STA 39+20	

DRAWING	SHEET
WARR CON 1	SECT 1 12



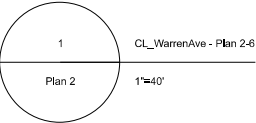
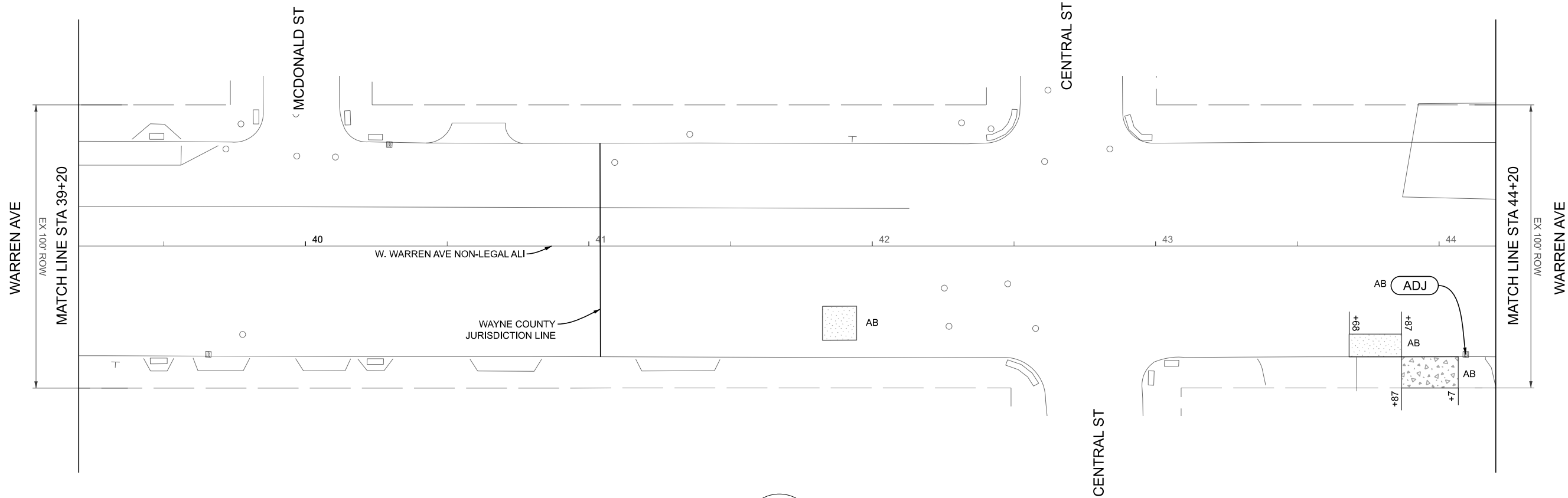
QUANTITIES THIS SHEET - AS BUILT			
JN 2401284			
CAT 0001			
39	Ft	Curb, Rem	
27	Syd	Sidewalk, Rem	
32	Syd	HMA Surface, Rem	
32	Syd	Pavt Repr, Rem, Modified	

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FILE: 2401284_Warren_Rem002_AsBuilt.dgn

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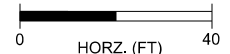
WARR REM 2	SECT 1 13
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QUANTITIES THIS SHEET - AS BUILT			
JN 2401284			
CAT 0001			
59	Syd	Aggregate Base, 6 inch	
1	Ea	Dr Structure Cover, Adj, Case 1, Modified	
1	Ea	Dr Structure, Cleaning, Modified	
3	Ton	Hand Patching	
32	Syd	Pavt Repr, Nonreinf Conc, 10 inch, modified	
39	Ft	Curb, Conc, Detail CD, Modified	
240	Sft	Sidewalk, Conc, 4 inch, Modified	

FINAL ROW PLAN REVISIONS SUBMITTAL DATE:								CONSTRUCTION - AS BUILT		DRAWING	SHEET
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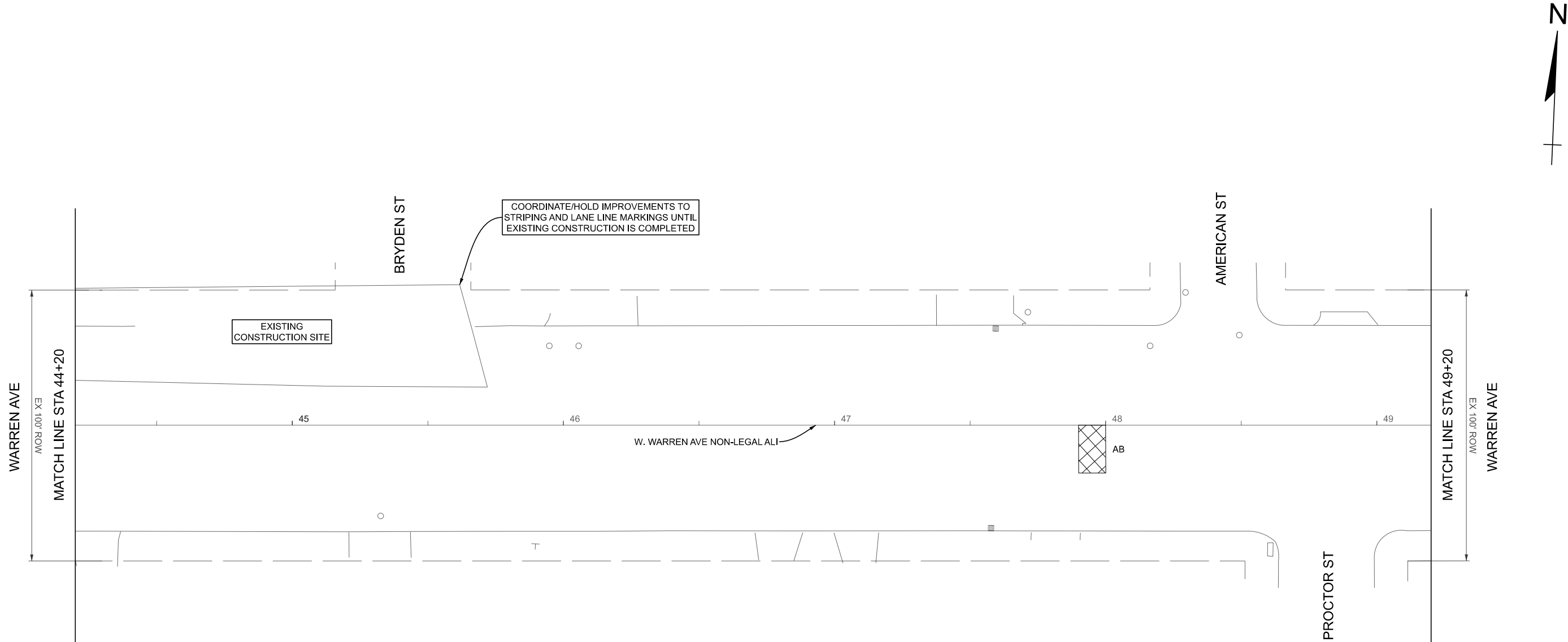
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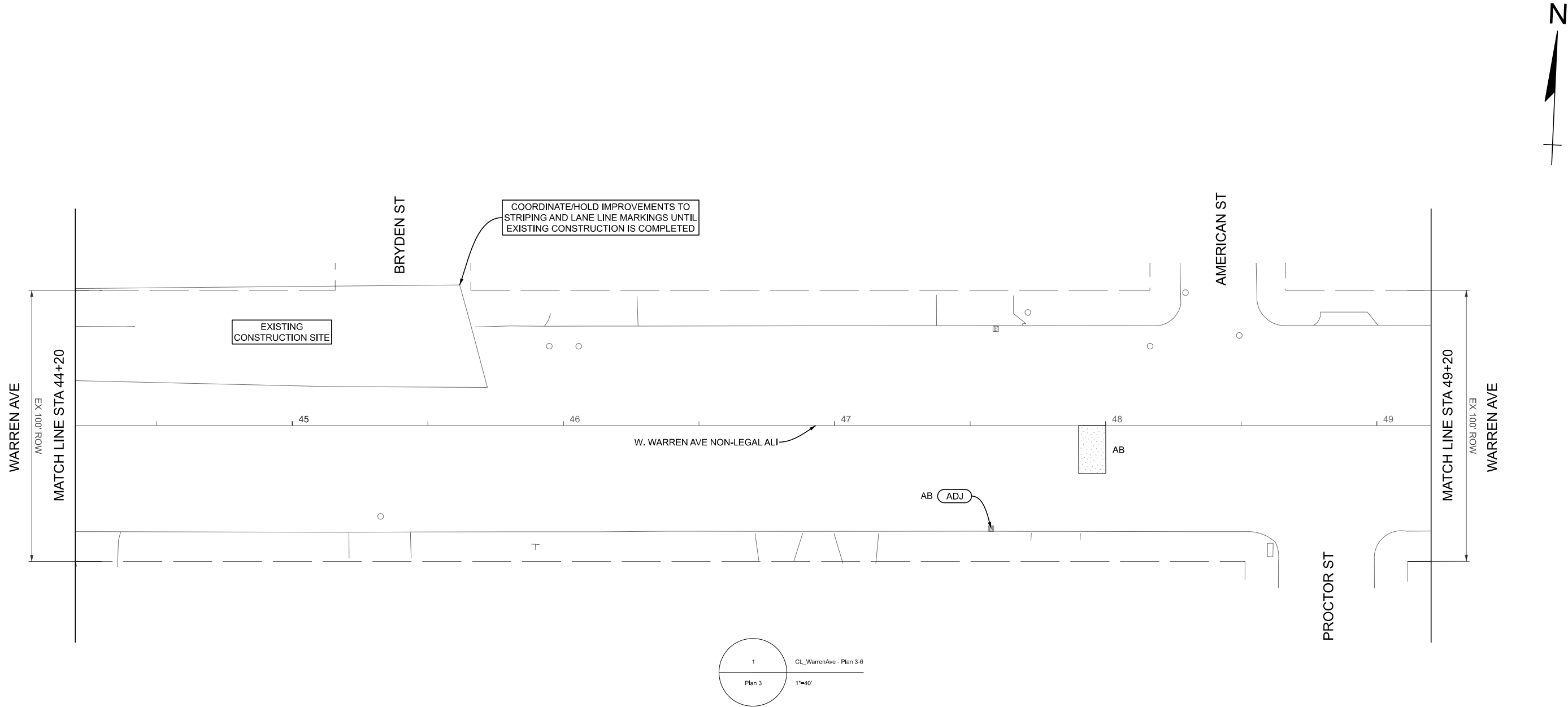
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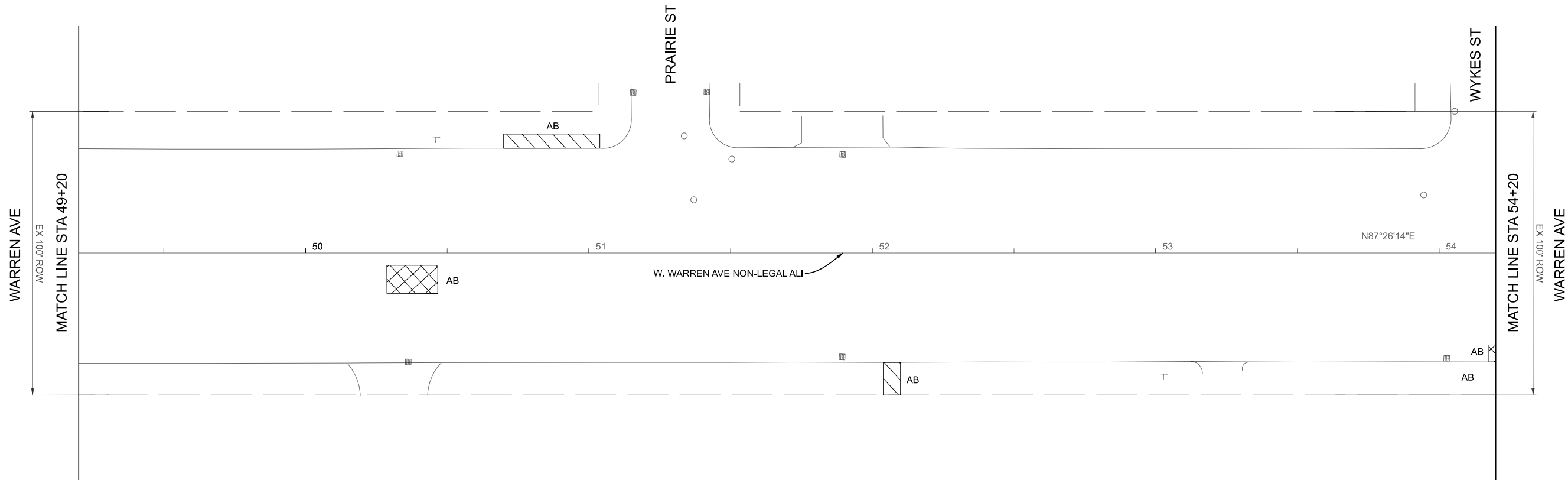


QUANTITIES THIS SHEET - AS BUILT			
JN 2401284			
CAT 0001			
20	Syd	HMA Surface, Rem	
20	Syd	Pavt Repr, Rem, Modified	

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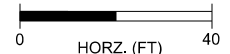


QUANTITIES THIS SHEET - AS BUILT			
JN 2401284			
CAT 0001			
20	Syd	Aggregate Base, 6 inch	
1	Ea	Dr Structure Cover, Adj, Case 1, Modified	
1	Ea	Dr Structure, Cleaning, Modified	
20	Syd	Pavt Repr, Nonrein Conc, 10 inch, Modified	



QUANTITIES THIS SHEET - AS BUILT			
JN 2401284			
CAT 0001			
27	Syd	Sidewalk, Rem	
22	Syd	HMA Surface, Rem	
22	Syd	Pavt, Repr, Rem, Modified	

FINAL ROW PLAN REVISIONS SUBMITTAL DATE:								REMOVAL - AS BUILT		DRAWING	SHEET
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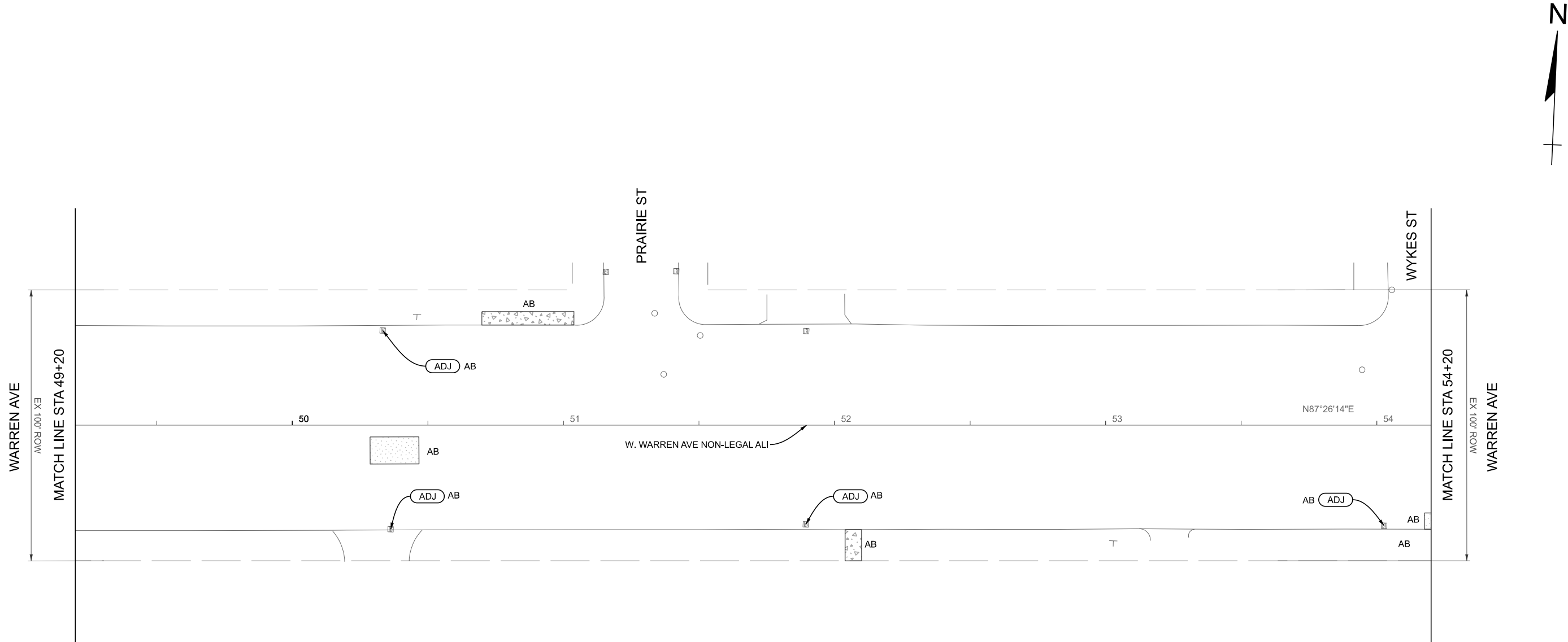
DATE: 06/12/26

DESIGN UNIT: DETROIT

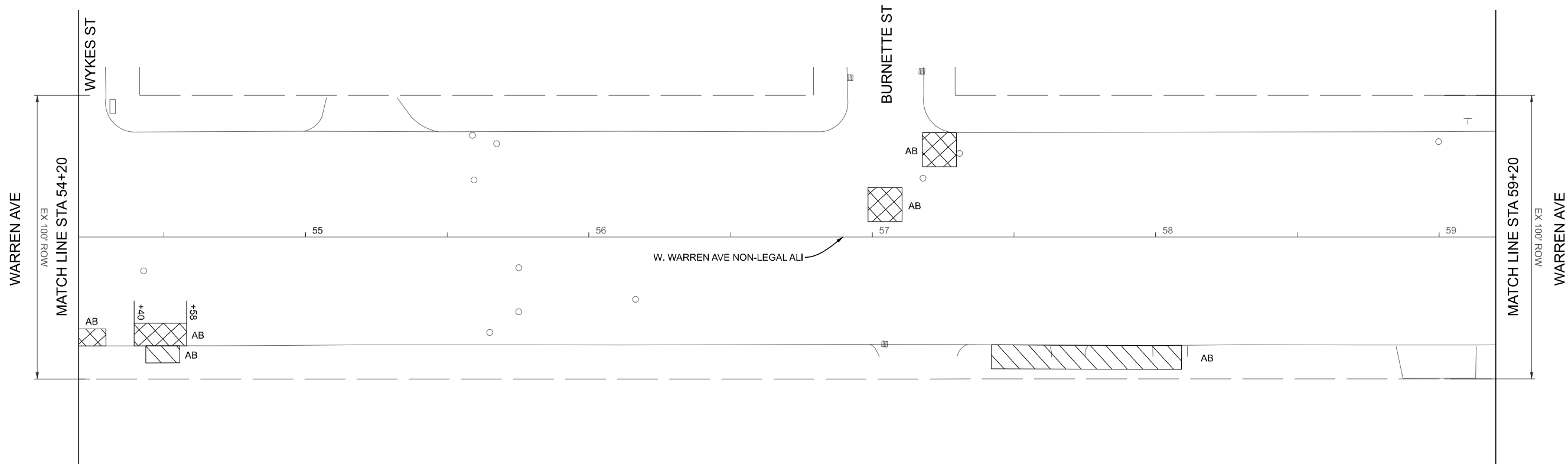
TSC:

CS:

JN: 2401284

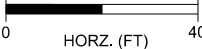


QUANTITIES THIS SHEET - AS BUILT			
JN 2401284			
CAT 0001			
49	Syd	Aggregate Base, 6 inch	
4	Ea	Dr Structure Cover, Adj, Case 1, Modified	
4	Ea	Dr Structure, Cleaning, Modified	
22	Syd	Pavt Repr, Nonreinf Conc, 10 inch, Modified	
240	Sft	Sidewalk, Conc, 4 inch, Modified	



QUANTITIES THIS SHEET - AS BUILT			
JN 2401284			
CAT 0001			
19	Ft	Curb, Rem	
71	Syd	Sidewalk, Rem	
55	Syd	HMA Surface, Rem	
55	Syd	Pavt Repr, Rem, Modified	

FINAL ROW PLAN REVISIONS SUBMITTAL DATE:								REMOVAL - AS BUILT		DRAWING	SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION	W. WARREN AVENUE STA 54+20 TO STA 59+20		WARR REM 5	SECT 1 19



FILE: 2401284_Warren_Rem005_AsBuilt.dgn

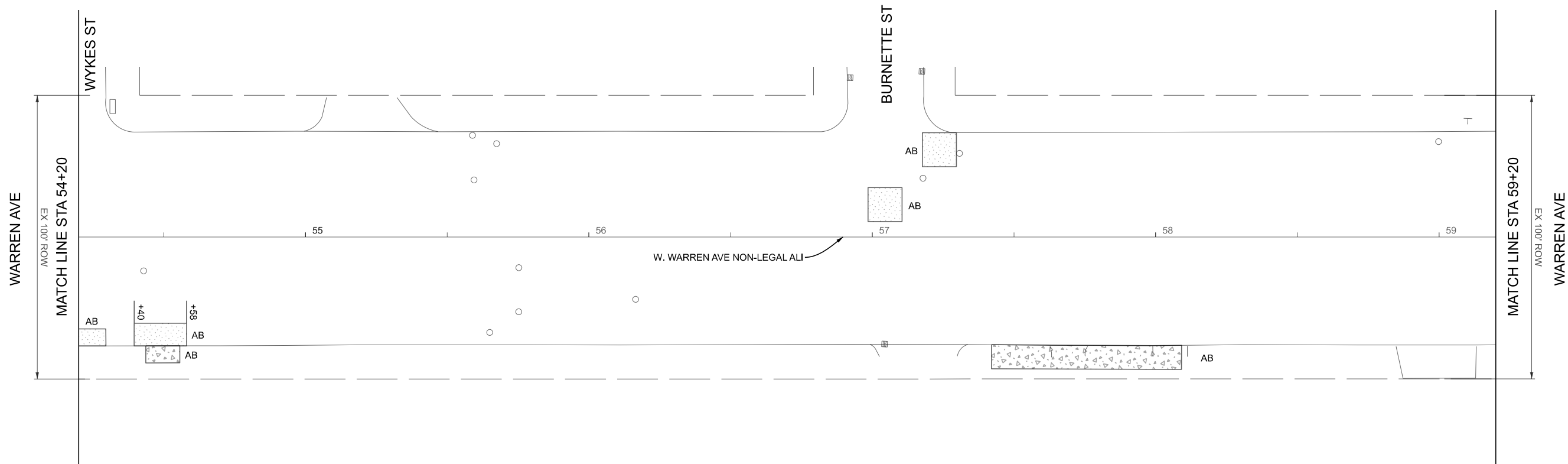
DATE: 06/12/26

DESIGN UNIT: DETROIT

TSC:

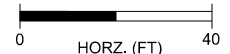
CS:

JN: 2401284



QUANTITIES THIS SHEET - AS BUILT			
JN 2401284			
CAT 0001			
126	Syd	Aggregate Base, 6 inch	
3	Ton	Hand Patching	
55	Syd	Pavt Repr, Nonreinf Conc, 10 inch, modified	
19	Ft	Curb, Conc, Detail CD, Modified	
636	Sft	Sidewalk, Conc, 4 inch, Modified	

FINAL ROW PLAN REVISIONS SUBMITTAL DATE:								CONSTRUCTION - AS BUILT				DRAWING	SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION	W. WARREN AVENUE STA 54+20 TO STA 59+20				WARR CON	SECT 1
												5	20



FILE: 2401284_Warren_Con005_AsBuilt.dgn

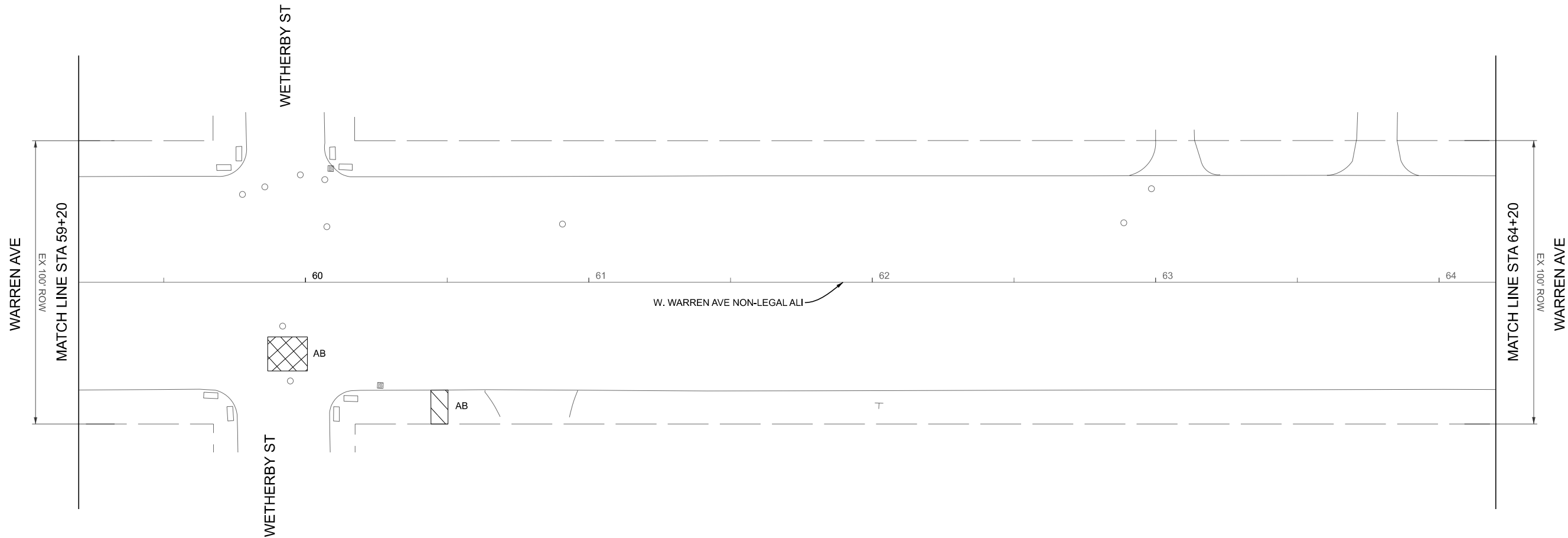
DATE: 06/12/26

DESIGN UNIT: DETROIT

TSC:

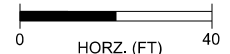
CS:

JN: 2401284



QUANTITIES THIS SHEET - AS BUILT			
JN 2401284			
CAT 0001			
8	Syd	Sidewalk, Rem	
19	Syd	HMA Surface, Rem	
19	Syd	Pavt Repr, Rem, Modified	

FINAL ROW PLAN REVISIONS SUBMITTAL DATE:								REMOVAL - AS BUILT		DRAWING	SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION	W. WARREN AVENUE STA 59+20 TO STA 64+20		WARR REM 6	SECT 1 21



FILE: 2401284_Warren_Rem006_AsBuilt.dgn

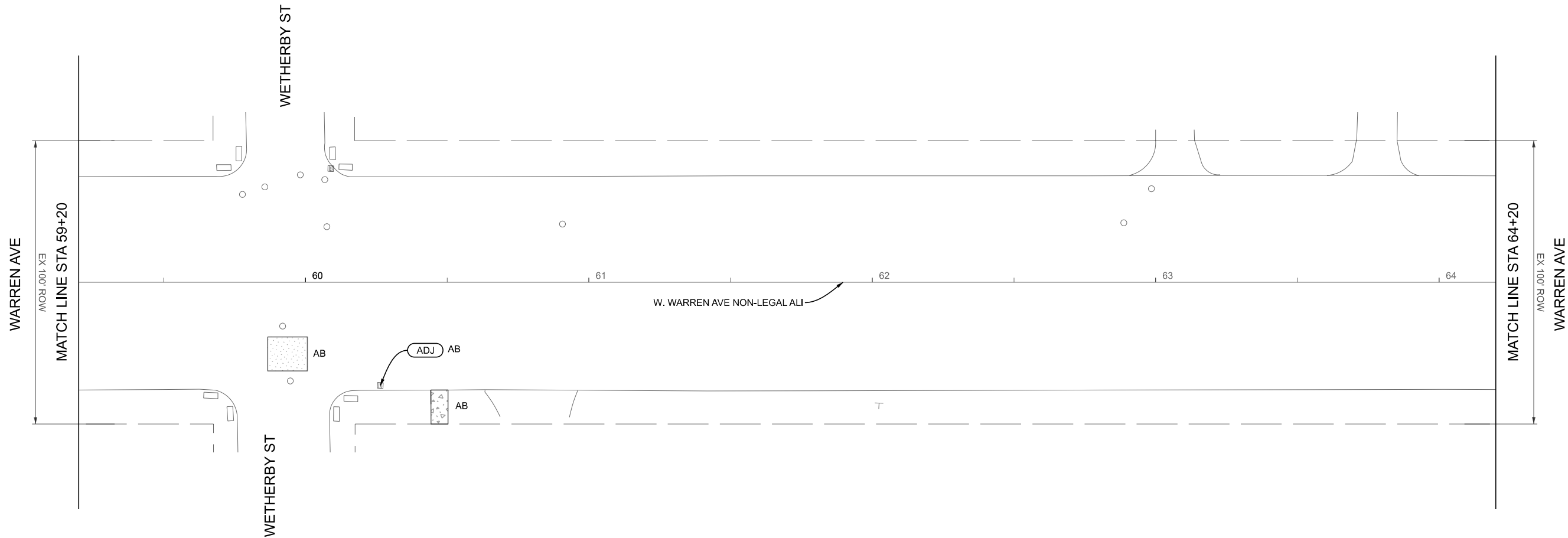
DATE: 06/12/26

DESIGN UNIT: DETROIT

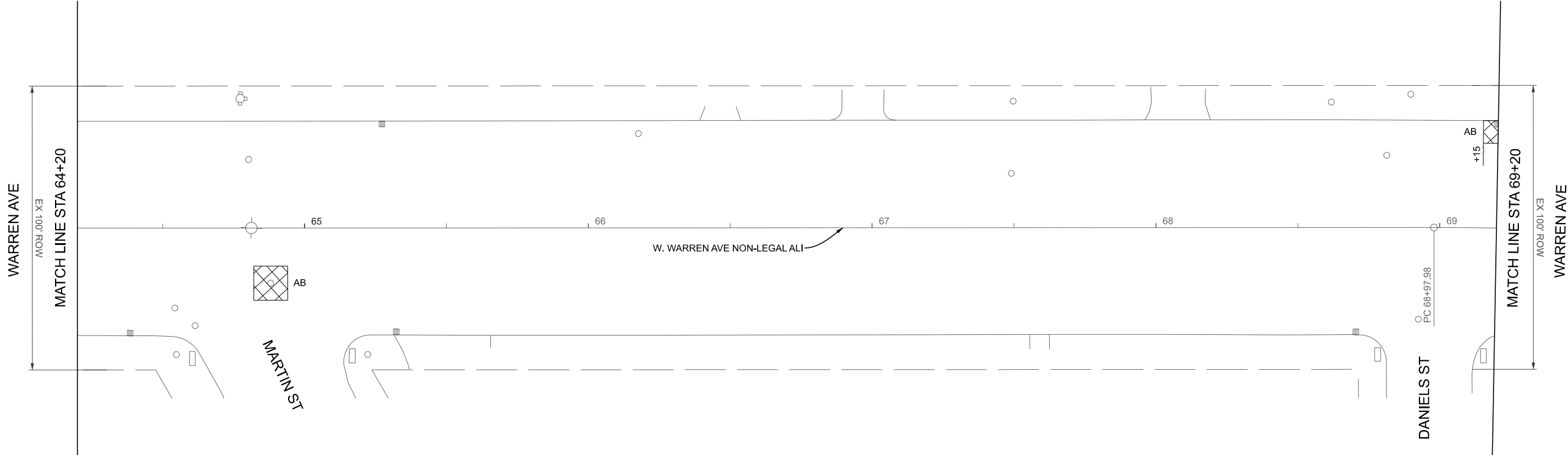
TSC:

CS:

JN: 2401284

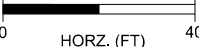


QUANTITIES THIS SHEET - AS BUILT			
JN 2401284			
CAT 0001			
27	Syd	Aggregate Base, 6 inch	
1	Ea	Dr Structure Cover, Adj, Case 1, Modified	
1	Ea	Dr Structure, Cleaning, Modified	
19	Syd	Pavt Repr, Nonreinf Conc, 10 inch, Modified	
72	Sft	Sidewalk, Conc, 4 inch, Modified	



QUANTITIES THIS SHEET - AS BUILT			
JN 2401284			
CAT 0001			
6	Syd	Curb, Rem	
20	Ea	HMA Surface, Rem	
20	Ea	Pavt Repr, Rem, Modified	

FINAL ROW PLAN REVISIONS SUBMITTAL DATE:								REMOVAL - AS BUILT		DRAWING	SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION	W. WARREN AVENUE STA 64+20 TO STA 69+20		WARR REM 7	SECT 1 23



FILE: 2401284_Warren_Rem007_AsBuilt.dgn

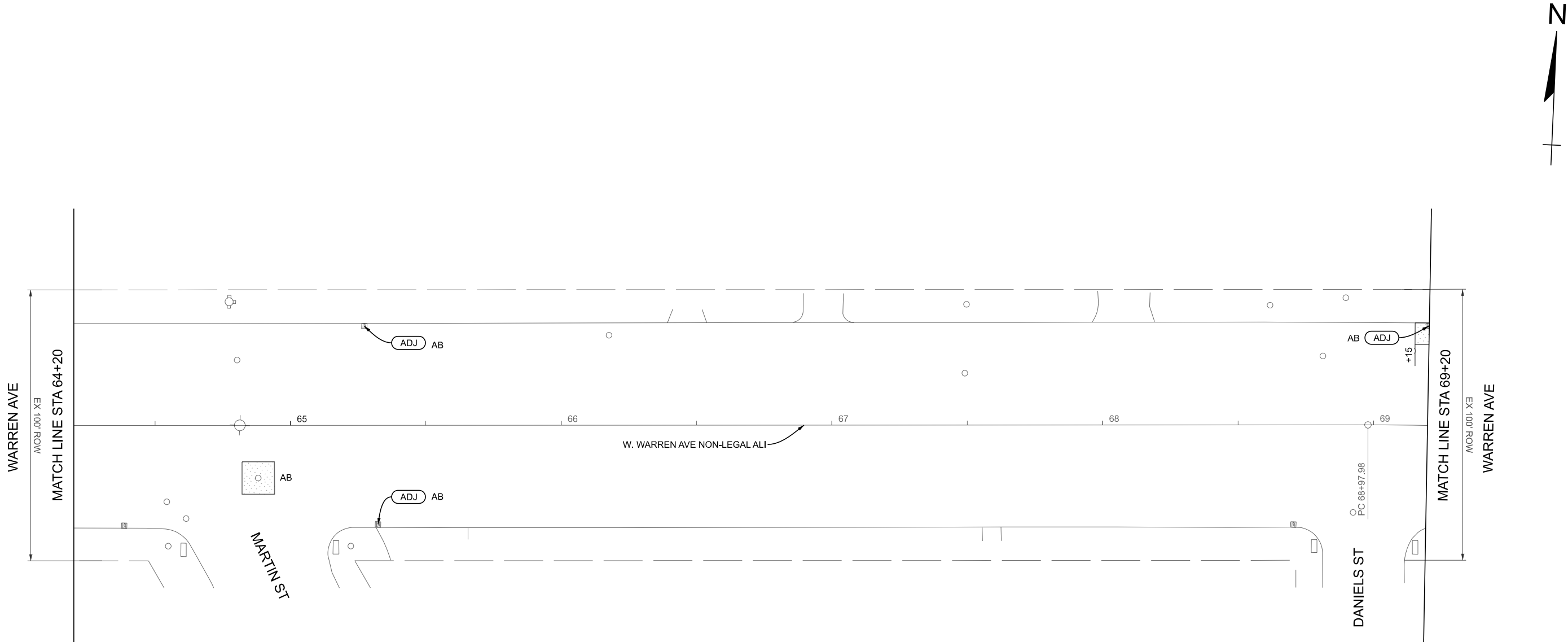
DATE: 06/12/26

DESIGN UNIT: DETROIT

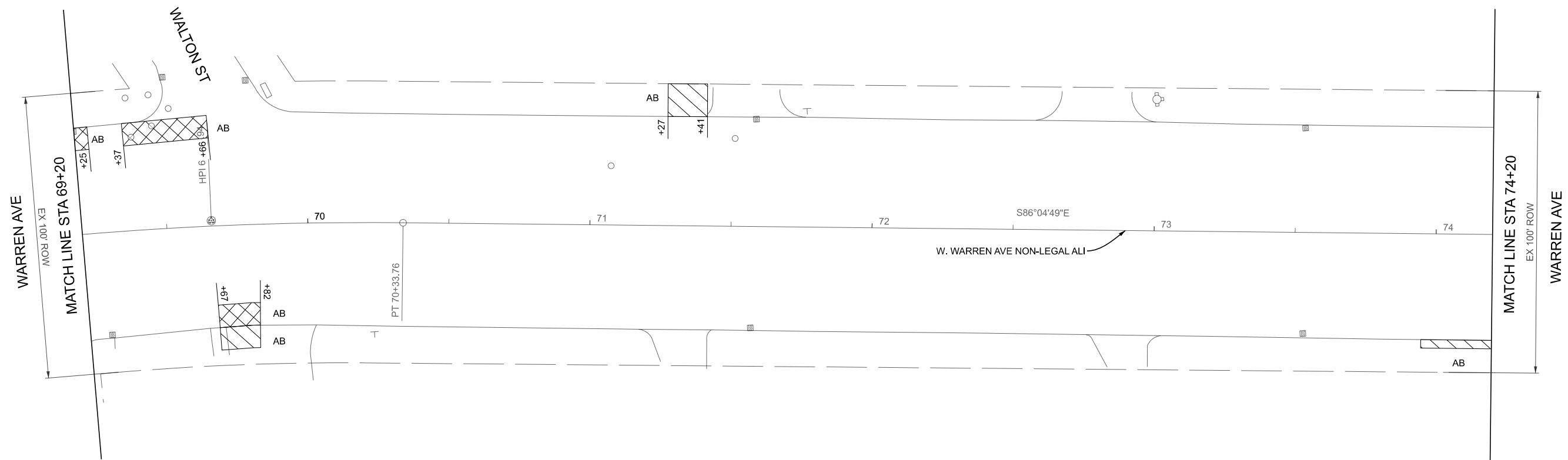
TSC:

CS:

JN: 2401284



QUANTITIES THIS SHEET - AS BUILT			
JN 2401284			
CAT 0001			
20	Syd	Aggregate Base, 6 inch	
3	Ea	Dr Structure Cover, Adj, Case 1, Modified	
3	Ea	Dr Structure, Cleaning, Modified	
2	Ton	Hand Patching	
20	Syd	Pavt Repr, Nonrein Conc, 10 inch, modified	
6	Ft	Curb, Conc, Detail CD, Modified	



QUANTITIES THIS SHEET - AS BUILT			
JN 2401284			
CAT 0001			
39	Ft	Curb, Rem	
43	Syd	Sidewalk, Rem	
44	Syd	HMA Surface, Rem	
44	Syd	Pavt Repr, Rem, Modified	

FINAL ROW PLAN REVISIONS SUBMITTAL DATE:								REMOVAL - AS BUILT		DRAWING	SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION	W. WARREN AVENUE STA 69+20 TO STA 74+20		WARR REM 8	SECT 1 25



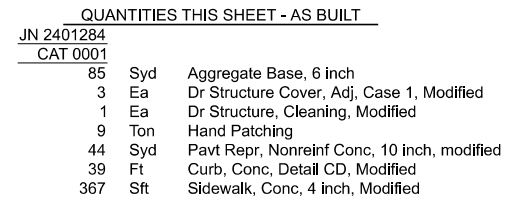
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HORZ. (FT)

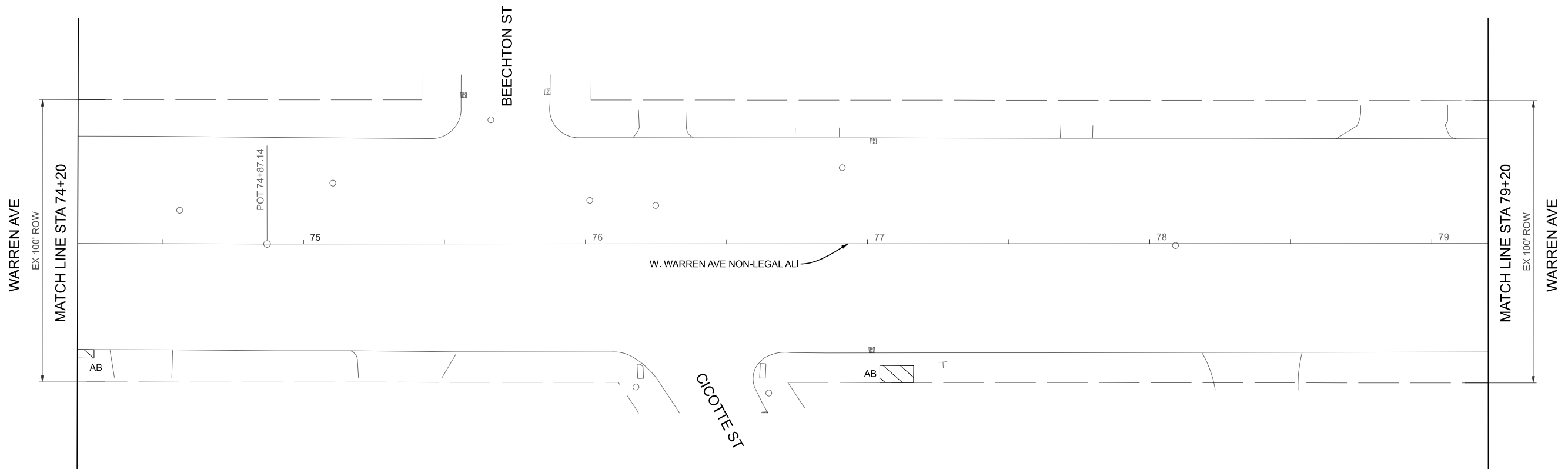
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DATE: 06/12/26
DESIGN UNIT: DETROIT
FILE: 2401284_Warren_Rem008_AsBuilt.dgn

CS:
JN: 2401284
TSC:

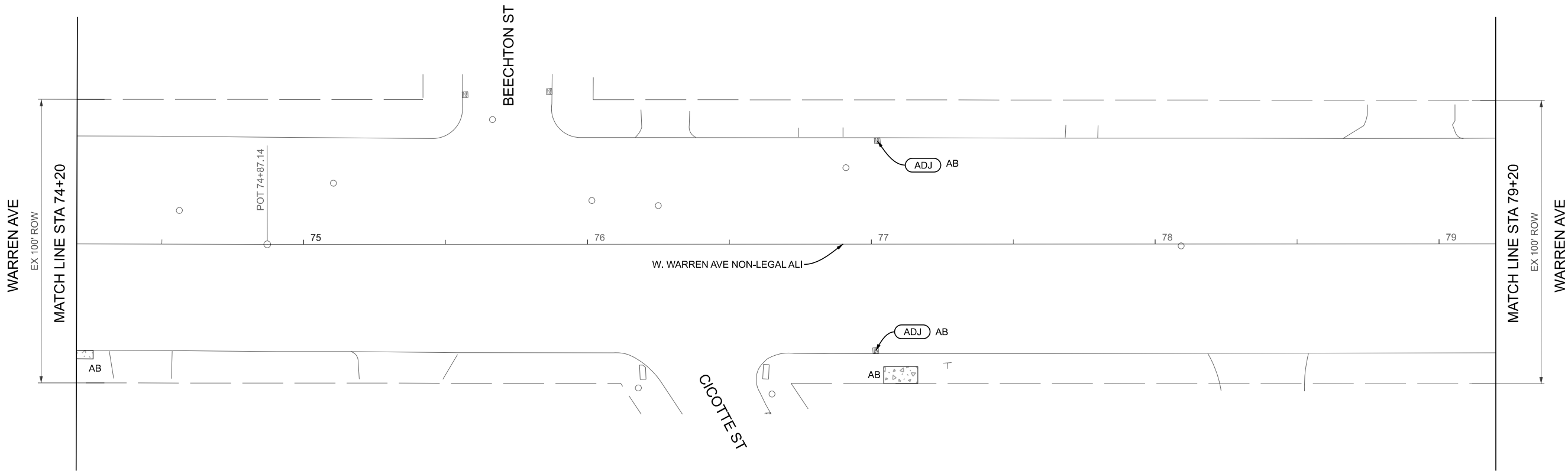


FINAL ROW PLAN REVISIONS								SUBMITTAL DATE:		 Mannik Smith GROUP www.MannikSmithGroup.com	 City of Detroit	 0 40 HORZ. (FT)		DATE: 06/12/26	CS:	CONSTRUCTION - AS BUILT		DRAWING	SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION		DESIGN UNIT:DETROIT				JN: 2401284	W. WARREN AVENUE STA 69+20 TO STA 74+20		WARR CON 8	SECT 1		
									FILE: 2401284_Warren_Con008_AsBuilt.dgn				TSC:				26		



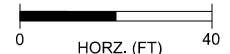
JN 2401284		
CAT 0001		
10	Syd	Sidewalk, Rem

FINAL ROW PLAN REVISIONS								SUBMITTAL DATE:		 TECHNICAL SKILL CREATIVE SPIRIT. www.MannikSmithGroup.com	 City of Detroit	 0 40 HORZ. (FT)		DATE: 06/12/26	CS:	REMOVAL - AS BUILT		DRAWING	SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION		DESIGN UNIT:DETROIT				JN: 2401284	W. WARREN AVENUE STA 74+20 TO STA 79+20		WARR REM 9	SECT 1		
									FILE: 2401284_Warren_Rem009_AsBuilt.dgn				TSC:						



QUANTITIES THIS SHEET - AS BUILT				
JN 2401284				
CAT 0001				
10	Syd	Aggregate Base, 6 inch		
2	Ea	Dr Structure Cover, Adj, Case 1, Modified		
2	Ea	Dr Structure, Cleaning, Modified		
90	Sft	Sidewalk, Conc, 4 inch		

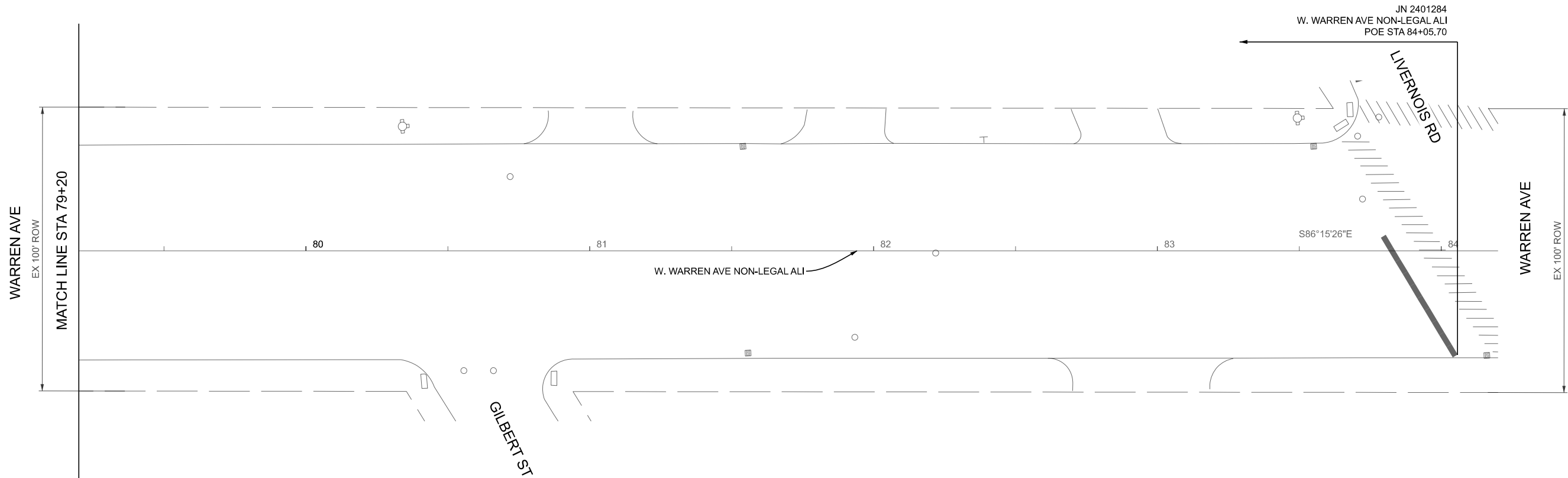
FINAL ROW PLAN REVISIONS SUBMITTAL DATE:								CONSTRUCTION - AS BUILT		DRAWING	SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION	W. WARREN AVENUE STA 74+20 TO STA 79+20		WARR CON	SECT 1
										9	28



FILE: 2401284_Warren_Con009_AsBuilt.dgn

DATE: 06/12/26
DESIGN UNIT: DETROIT
TSC:

CS:
JN: 2401284



FINAL ROW PLAN REVISIONS								SUBMITTAL DATE:															
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION																



0

HORZ. (FT)

40

FILE: 2401284_Warren_Rem010_AsBuilt.dgn

DATE: 06/12/26

DESIGN UNIT: DETROIT

TSC:

CS:

JN: 2401284

REMOVAL - AS BUILT

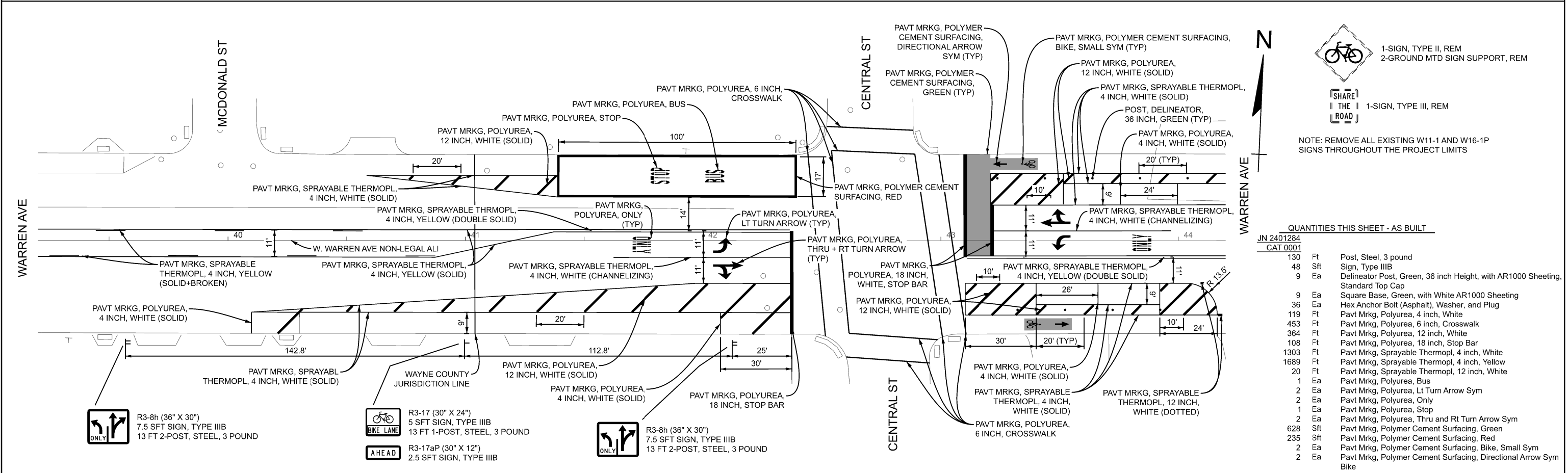
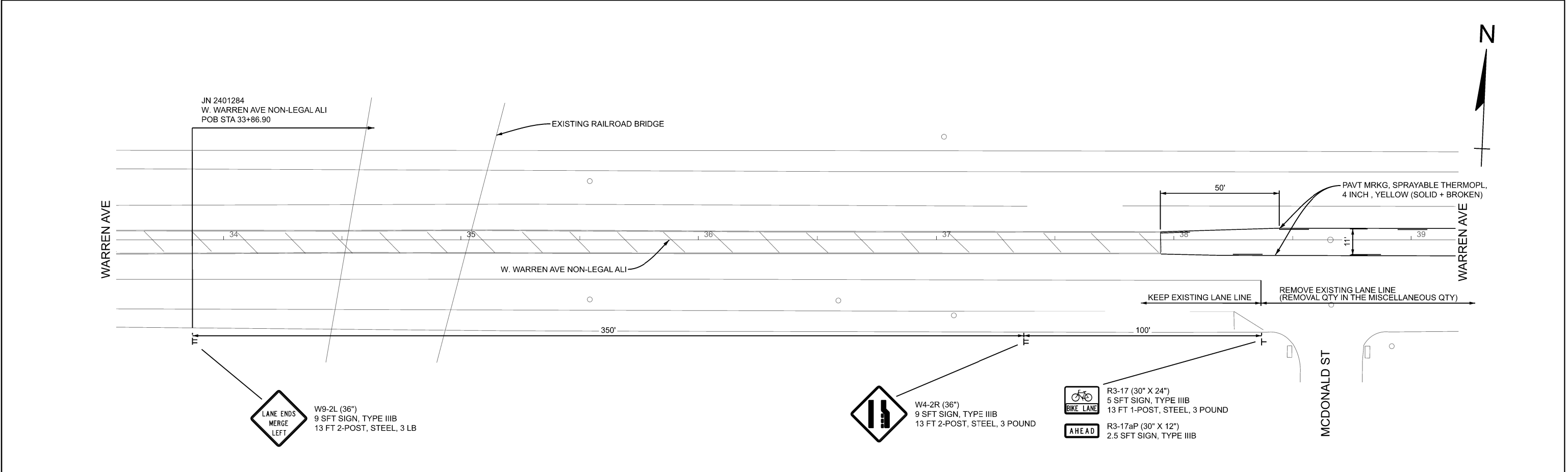
W. WARREN AVENUE STA 79+20 TO POE STA 84+05.70

DRAWING

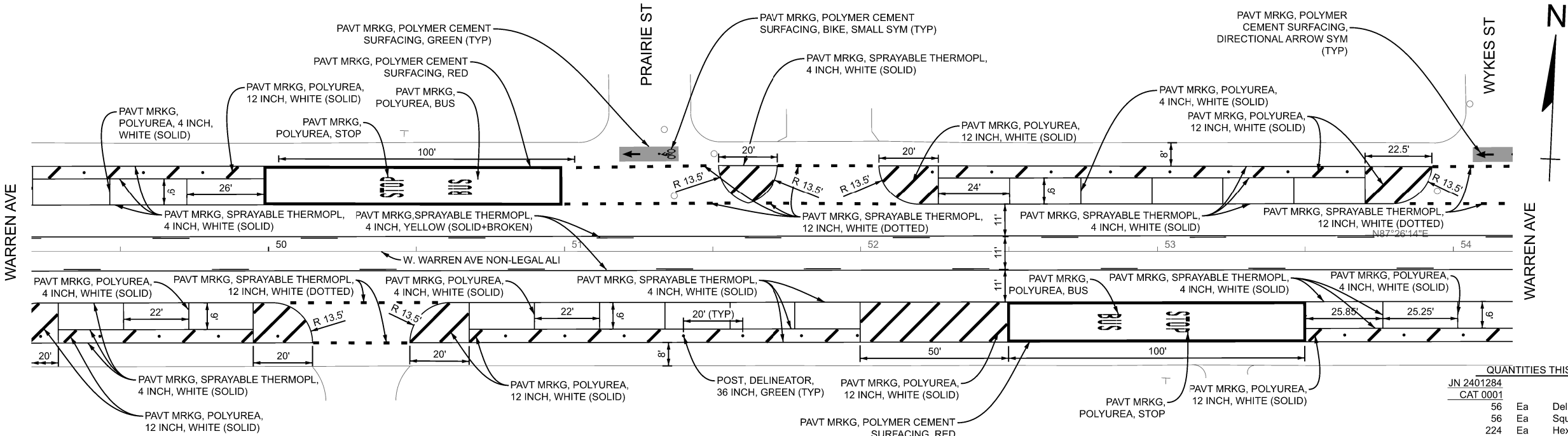
WARR REM 10

SHEET

SECT 1 29

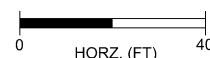


FINAL ROW PLAN REVISIONS						SUBMITTAL DATE:						PAVEMENT MARKINGS - AS BUILT						DRAWING	SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION					W.WARREN AVENUE POB STA 33+86.90 TO STA 44+20	WARR	SECT 1					
													PVMK					1	31



<u>QUANTITIES THIS SHEET - AS BUILT</u>		
JN 2401284		
CAT 0001		
56	Ea	Delineator Post, Green, 36 inch Height, with AR1000 Sheeting, Standard Top Cap
56	Ea	Square Base, Green, with White AR1000 Sheeting
224	Ea	Hex Anchor Bolt (Asphalt), Washer, and Plug
438	Ft	Pavt Mrkg, Polyurea, 4 inch, White
908	Ft	Pavt Mrkg, Polyurea, 12 inch, White
3660	Ft	Pavt Mrkg, Sprayable Thermopl, 4 inch, White
3898	Ft	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow
1011	Ft	Pavt Mrkg, Sprayable Thermopl, 12 inch, White
3	Ea	Pavt Mrkg, Polyurea, Bus
3	Ea	Pavt Mrkg, Polyurea, Stop
468	Sft	Pavt Mrkg, Polymer Cement Surfacing, Green
676	Sft	Pavt Mrkg, Polymer Cement Surfacing, Red
4	Ea	Pavt Mrkg, Polymer Cement Surfacing, Bike, Small Sym
5	Ea	Pavt Mrkg, Polymer Cement Surfacing, Directional Arrow Sym Bike

FINAL ROW PLAN REVISIONS SUBMITTAL DATE:							
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION



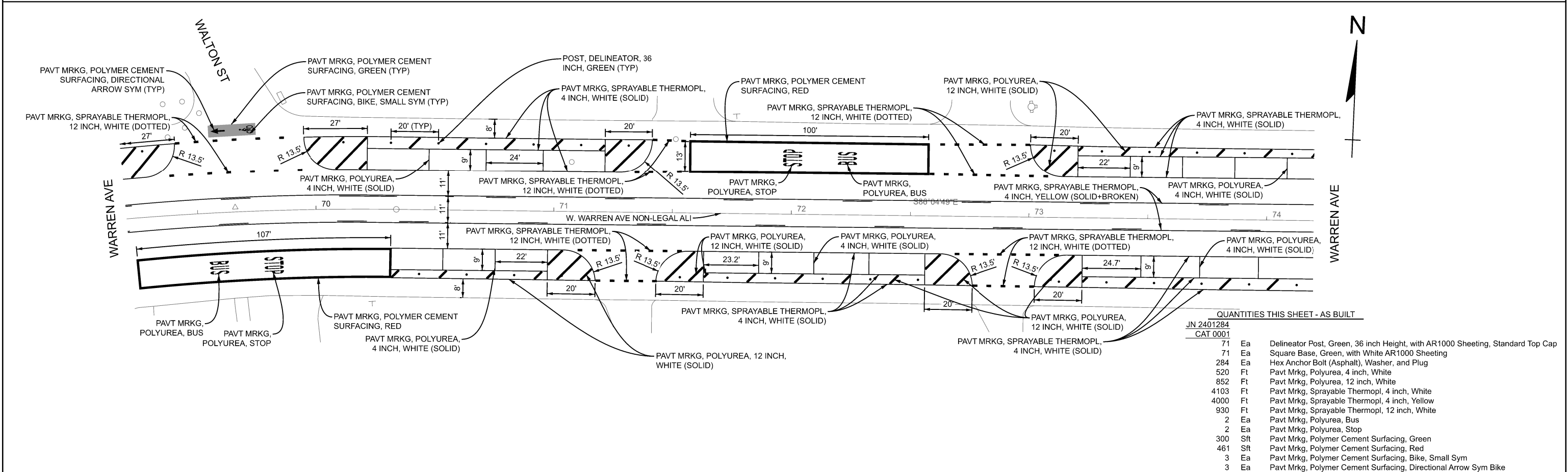
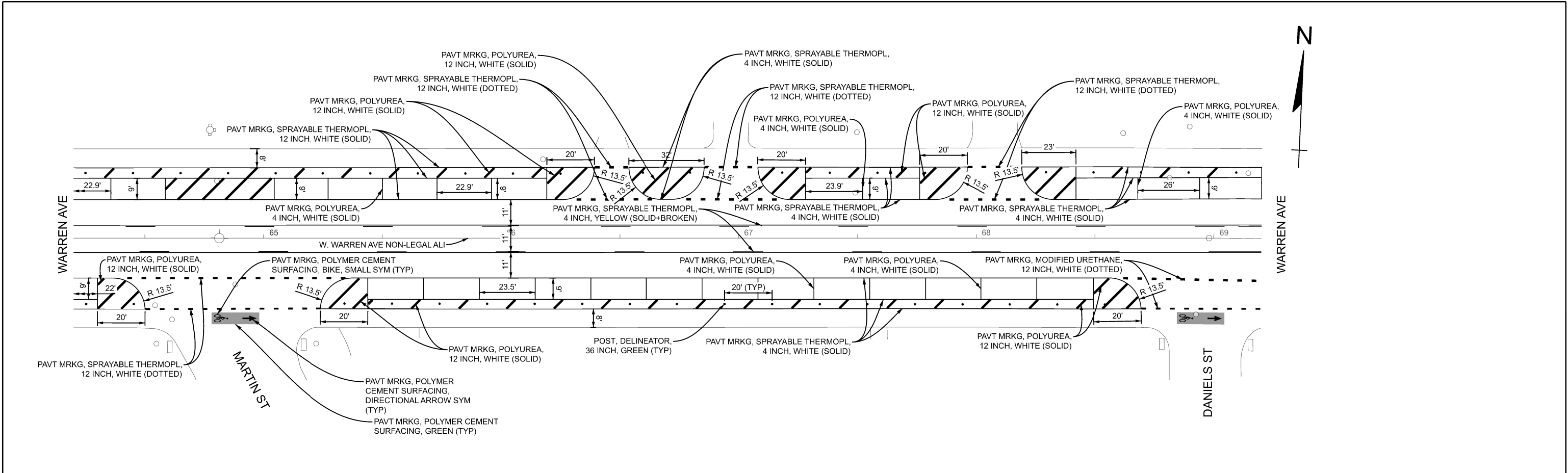
	DATE: 06/12/26
	DESIGN UNIT: DETROIT
FILE: 2401284_PVMTMRK002_AsBuilt.dwg	TSC:

CS:
JN: 2401284

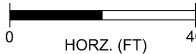
PAVEMENT MARKINGS - AS BUILT		DRAWING	SHEET
W. WARREN AVENUE STA 44+20 TO STA 54+20		WARR PVMK 2	SECT 1 32



DRAWING	SHEET
WARR PVMK 3	SECT 1 33

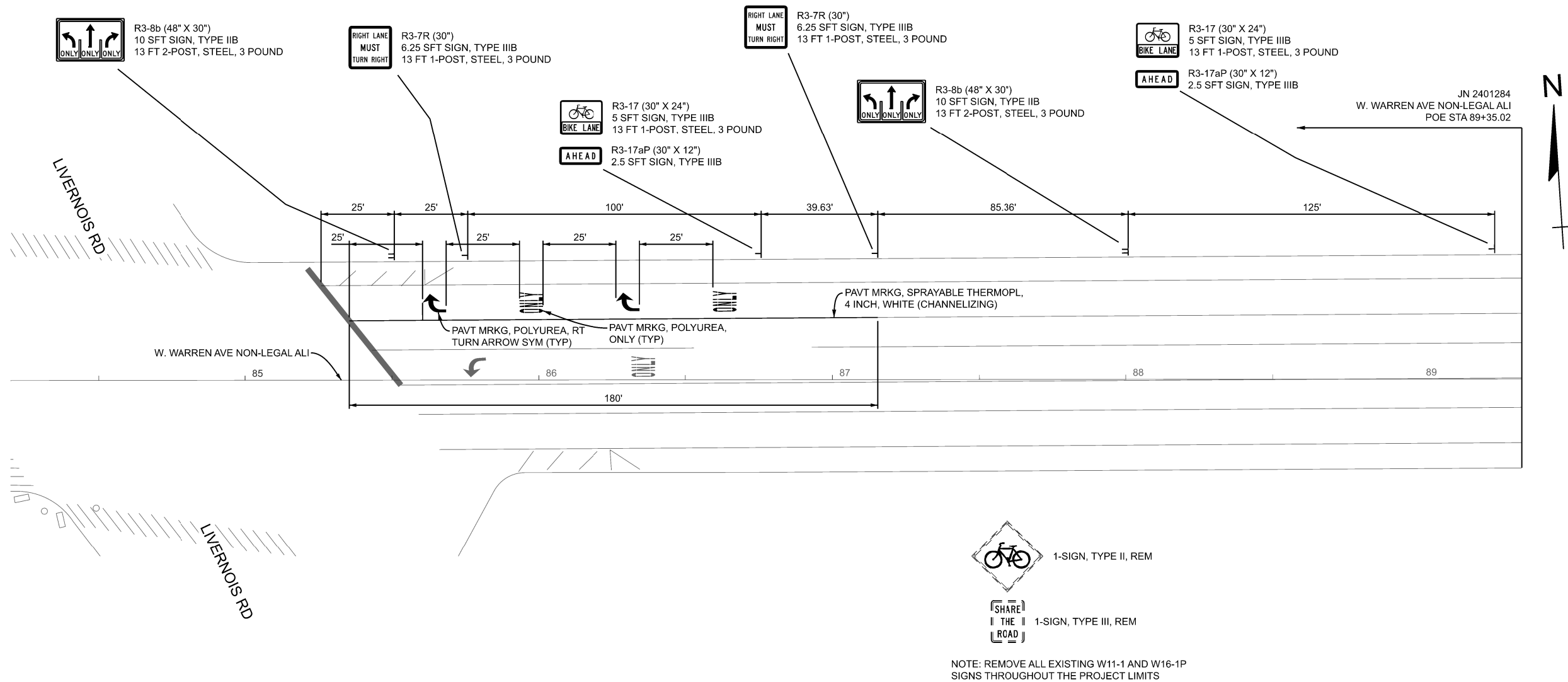


FINAL ROW PLAN REVISIONS						SUBMITTAL DATE:											
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION										

						DATE: 06/12/26	CS:	PAVEMENT MARKINGS - AS BUILT		DRAWING	SHEET
FILE: 2401284_PVMTMRK004_AsBuilt.dgn		DESIGN UNIT: DETROIT		TSC:		JN: 2401284		W. WARREN AVENUE STA 64+20 TO STA 74+20		WARR	SECT 1
										4	34

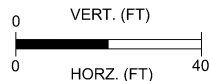


DRAWING	SHEET
WARR PVMK 5	SECT 1 35



QUANTITIES THIS SHEET - AS BUILT			
JN 2401284			
CAT 0001			
104	Ft	Post, Steel, 3 pound	
20	Sft	Sign, Type IIB	
28	Sft	Sign, Type IIIB	
180	Ft	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	
2	Ea	Pavt Mrkg, Polyurea, Only	
2	Ea	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	

FINAL ROW PLAN REVISIONS SUBMITTAL DATE:					
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE



DATE: 06/12/26	CS:	PAVEMENT MARKINGS - AS BUILT	DRAWING	SHEET
DESIGN UNIT: DETROIT	JN: 2401284	W. WARREN AVENUE	WARR	SECT 1
FILE: 2401284_PVMTMRK006_AsBuilt.dgn	TSC:		PVMK	36
			6	