



STATE/MUNICIPAL MAINTENANCE AGREEMENT

Date: August 1, 2017
Road Name: West Waukesha Bypass
Limits: Les Paul Parkway (STH 59) to IH 94
County: Waukesha

The signatory City of Waukesha, hereinafter called the **Municipality**, through its undersigned duly authorized officers or officials, hereby requests the State of Wisconsin Department of Transportation, hereinafter called the **State**, to initiate and affect this agreement to include the associated maintenance responsibilities hereinafter described.

The authority for the **Municipality** to enter into this agreement with the **State** is provided by Section 86.25 (2) of the Statutes.

This request is subject to the terms and conditions that follow (pages 2 – 39 and attached Appendixes A, B, C, D and E) and is made by the undersigned under proper authority to make such request for the designated **Municipality** and upon signature by the **State**, delivery to the **Municipality** shall constitute agreement between the **Municipality** and the **State**. No term or provision of neither the State/Municipal Maintenance Agreement nor any of its attachments may be changed, waived or terminated orally but only by an instrument in writing executed by both parties to the State/Municipal Maintenance Agreement.

Signed for and in behalf of the City of Waukesha (Please sign in blue ink)

Name Title

Signature Date

Signed for and in behalf of the State (Please sign in blue ink)

Name Title

Signature Date

TERMS AND CONDITIONS:

General

1) Definitions

SMFA – State/Municipal Financial Agreement, a financial agreement for cost share between the **State** and **Municipality**.

SMMA – State/Municipal Maintenance Agreement, an agreement to identify maintenance responsibilities between the **State** and **Municipality**. A State/Municipal Maintenance Agreement (SMMA) is used when there are enhancements requiring maintenance beyond what is normally provided by the **State**.

Enhancement – item not required for construction and operation of a state highway to include but not limited to: sidewalk, multi-use paths, lighting (excluding lighting for freeways, traffic signals, J-turns or round-about intersections), decorative or colored lighting poles and fixtures, landscaping, grass turf, colored concrete, and street furniture.

Maintenance Activities – day to day upkeep to maintain the enhancement to the original condition – includes but not limited to:

- (1) Lighting – operation, energy, relamping, knockdowns;
- (2) Sidewalk/multi-use paths – snow removal, sweeping, surface repair;
- (3) Storm sewer – annual inspection of inlets, catch basins, manholes, pipe; annual cleaning and removal of blockages, replace broken or malfunctioning castings, grates, risers, covers and frames; repair top slabs along with bottom and walls of basins. Routine mortar repairs such as tuck pointing and plastering to the inlets, catch basins, and manholes. Repair and replacement of pipe;
- (4) Landscaping – removal and replacement of dead plant material, pruning, watering;
- (5) Grass – mowing, repair tire ruts in turf, weed control, litter removal;
- (6) Graffiti removal;
- (7) Repair enhancement;
- (8) Removal of the enhancement when damaged beyond repair or at the end of its life;
- (9) Replacement of enhancement;
- (10) Respond to complaints related to the enhancement;

State Permit – a revocable document where the **State** gives authority for a **Municipality** or its agent to work in state highway right of way for the purpose of constructing or maintaining an enhancement.

- 2) Connecting Highways are not included in this Maintenance Agreement, as the **Municipality** is responsible for all maintenance activities and permitting authority on a Connecting Highway in their jurisdiction.
- 3) An SMFA, SMMA and State Permit are each separate documents that could be applicable to this project. The **State** will not approve the financial document (SMFA) without the **Municipality** signatures on required state/municipal maintenance agreement (SMMA) and/or state permit(s)

As design of the state roadway improvement project progresses, this maintenance agreement may be amended to include specific features requested by the **Municipality**.

- 4) This document is a supplement to the State/Municipal Financial Agreement (SMFA) and a State Permit. If there is discrepancy between documents, the governing order is as follows:
 - i) State Permit
 - ii) State/Municipal Maintenance Agreement (SMMA)
 - iii) State/Municipal Financial Agreement (SMFA)
- 5) If there is an omission for the maintenance of work that the **Municipality** requested or installed by the **Municipality**, this State/ Municipal Maintenance Agreement shall be revised to include this omission.
- 6) When the **State** is responsible for mowing operations, the **State** shall determine the grass mowing schedule and location needed for safety.
- 7) The **State** reserves the right to perform maintenance activities that may disturb or interfere with enhancements under the maintenance responsibility of the **Municipality**. The **State** shall restore the area with usual and customary materials. The **State** shall, within reasonable effort, contact the **Municipality** prior to disturbing any of the enhancements to allow the **Municipality** to salvage any materials and to complete restoration. Any restoration/ replacement of the enhancement to the original condition shall be completed by the **Municipality** at their own cost.
- 8) Enhancements funded by the **State** shall be maintained by the **Municipality** for at least 10 years. The **Municipality** shall refund costs the **State** incurred installing the enhancement removed prior to 10 years.
- 9) Special signing and pavement marking shall be approved by the **State's** Signing Section. A separate maintenance agreement shall be required and shall not be a part of this agreement.

State Responsibilities

- 1) **Maintenance of through travel way and turn lanes of the state highway.** At side road intersections, the maintenance limits is defined by the continuation of the mainline shoulder through the intersection for a rural typical section and continuation of the mainline face of curb for an urban typical section.
- 2) **Permitting authority**, except for connecting highways or exceptions made in this document.
- 3) **Signing and Pavement Marking**
The **State** shall be responsible for all signing and pavement markings for the Waukesha Bypass from Les Paul Parkway (STH 59) to IH 94. This includes all lane transitions on the side streets for traffic signals.
- 4) **Sidewalk**
When the **State** has an improvement project, curb ramps will be brought up to current standards.
- 5) **Storm Water**
The **State** shall be responsible for maintenance of all ditches, shoulders and storm water basins located along the state highway limits. Excluded are storm water basins for the Municipality storm water as identified in Appendix E.

State Special Provisions

1) Retaining Walls and Safety Fence between Rolling Ridge Drive and Silvernail Road, 1997 Maintenance Agreement

When the CTH G/I94 interchange (Project ID 1065-10-70) was constructed an agreement between the City of Waukesha and the Wisconsin Department of Transportation was created for the maintenance and responsibility of the retaining walls and safety fence on the east and west side of the roadway (between Rolling Ridge Drive and Silvernail Road). After construction of the interchange the wall as part of the road jurisdiction was deemed to be under the jurisdiction of the **Municipality**. As part of this agreement the previous agreement shall become null and void. 1997 Agreement provided in Appendix A

2) Traffic Signals

The **State** shall be responsible for all traffic signals along the Waukesha Bypass within the City's Jurisdiction/Limits including all traffic loops on the side streets. Maintenance of the traffic loops shall include maintenance of the pavement surrounding the loop. Signals within the City's Jurisdiction/Limits include, but are not limited to:

- Madison Street and Waukesha Bypass (USH 18);
- Summit Avenue and Waukesha Bypass (USH 18);
- Northview Road and Waukesha Bypass (USH 318);
- Rolling Ridge Drive and Waukesha Bypass (USH 318);
- Silvernail Road and Waukesha Bypass (USH 318).

3) Lighting

The **State** shall be responsible for all energy, operation, repair and replacement of traffic signals and associated street lighting required for freeways and signalized intersections (see above list).

4) Storm Sewer and Drainage Systems

The **State** shall be responsible for all storm sewer items except for those specifically identified in the Special Provisions of this document and further defined in Appendix E.

Storm sewer items shall include the pipe, leads and storm sewer structures – annual inspection of inlets, catch basins, manholes, pipe; annual cleaning and removal of blockages, replace broken or malfunctioning castings, grates, risers, covers and frames; repair top slabs along with bottom and walls of basins and manholes. Routine mortar repairs such as tuck pointing and plastering to the inlets, catch basins, and manholes.

Municipality Responsibilities

- 1) When a **Municipality** constructs new improvements on the state highway right of way, a state permit issued to the **Municipality** is required.

Municipal Special Provisions

1) Lighting

The **Municipality** shall be responsible for energy, operation, repair and replacement of street light system from Madison Street to Rolling Ridge Drive (excluding signalized intersections) as shown on the attached Street Light Systems plan sheets in Appendix B.

- a) The street light system has been designed to be expanded as the **Municipality's**

needs require. Additional light poles may be added to the **Municipality's** system without any permit.

b) The **Municipality** or its agent shall be permitted to work in the state highway right of way for construction or maintaining the **Municipality's** street light system without any permit from the **State**.

c) The **Municipality** or its agent will be responsible for identifying and marking the street light system when Digger's Hotline is notified.

2) Pedestrian Blinker Beacon

The **Municipality** shall be responsible for the energy, operation, repair and replacement of the Blinker Beacon Assembly between Woodridge Lane and Rolling Ridge Drive as shown on the attached Permanent Signing plan sheet in Appendix C. The **Municipality** or its agent shall be permitted to work in the State highway right of way for construction or maintaining the **Municipality's** Pedestrian Blinker Beacon without any permit from the **State**.

3) Signing and pavement marking

The **Municipality** shall be responsible for non-signalized crosswalk markings. A **State** permit is required if signing or pavement marking is by **Municipality** request.

4) Sidewalk

The **Municipality** shall support the installation of sidewalk within its jurisdiction/limits.

The attached plan sheets in Appendix D indicate 2016 Jurisdiction/Limit Boundaries.

Maintenance of sidewalk within the **Municipality's** jurisdiction/limit shall be the responsibility of the adjacent property owner per Wisconsin State Statutes 66.0907. Maintenance is understood to be snow removal, sweeping, and replacement in accordance with the standard Sidewalk Repair Policy of the **Municipality**.

5) Shared-Use Path

The **Municipality** shall support the installation of shared-use path within its jurisdiction/limits. Maintenance of the shared use path is covered under a separate agreement with Waukesha County.

6) Storm Sewer

The **Municipality's** responsibilities for storm water systems and basins for storm water management and flood control, are as shown on the storm sewer plan sheets in Appendix E, including storm water basins.

Storm sewer mainline shall include the pipe, leads and storm sewer structures – annual inspection of inlets, catch basins, manholes, pipe; annual cleaning and removal of blockages, replace broken or malfunctioning castings, grates, risers, covers and frames; repair top slabs along with bottom and walls of basins and manholes. Routine mortar repairs such as tuck pointing and plastering to the inlets, catch basins, and manholes.

Appendix A

PREVIOUS 1997 AGREEMENT TO BE VOID

AGREEMENT

between

THE DEPARTMENT OF TRANSPORTATION

and

THE CITY OF WAUKESHA

This agreement, made and entered into by and between the Wisconsin Department of Transportation, hereinafter called the State, and the City of Waukesha, hereinafter called the City, provides for the reconstruction of Meadowbrook Road from Woodridge Lane to relocated Silvernail Road. This project is necessitated by the change in elevation of the new CTH G/I94 interchange and is intended to create a smooth touchdown transition to the existing 2 lane road. In addition to the normal reconstruction items of grading, base, and pavement this project will include retaining walls, provision (conduit etc) for future traffic signals and a bike path. Work to be done under project I.D. 1065-10-70.

DESCRIPTION OF FACILITIES

This agreement covers a piece of urban street in the City of Waukesha approximately 1600 feet/488m long. This unusually long segment which serves as a touchdown transition will be reconstructed and paid for by the State as part of the new "G" interchange. The segment is a City street and when complete will continue in City jurisdiction. This agreement is offered as a tool to sort out the various responsibilities during construction and after the construction job is complete.

RESPONSIBILITIES

I. The State will:

- 1) Be responsible for the construction of this segment of road.
- 2) Construct retaining walls as needed to include rustication treatment.
- 3) Provide a maximum 3 to 1 slope from the back side of the retaining wall on the west side to a point in the highway easement 25' beyond the right of way line.
- 4) Finish the slopes behind the retaining walls with topsoil and standard grasses.
- 5) Install a safety fence along the top of the retaining wall of a standard cyclone variety.
- 6) Construct a bike trail on the east side as part of the touchdown segment from the north side of Rolling Ridge Drive to relocated Silvernail Road.
- 7) Design and install the underground conduit system for traffic signals at the intersection of Meadowbrook Road and Rolling Ridge Drive.

II. The City will:

- 1) Continue with jurisdiction of Meadowbrook Road through the length of the newly constructed touchdown segment, within the City limits.
- 2) Investigate warrants, design the signals, pay for the signals, and be responsible for maintenance of signals at the intersection of Meadowbrook Road and Rolling Ridge Drive.
- 3) As part of the road jurisdiction, be responsible for the retaining walls and safety fence and their maintenance, within the City limits.
- 4) As part of the road jurisdiction, be responsible for bike path and its maintenance along the touchdown segment, within the City limits.

APPROVAL

This agreement is approved and enacted by:

Carl A. Opel
Authorized Signature
City of Waukesha

October 13, 1997
Date

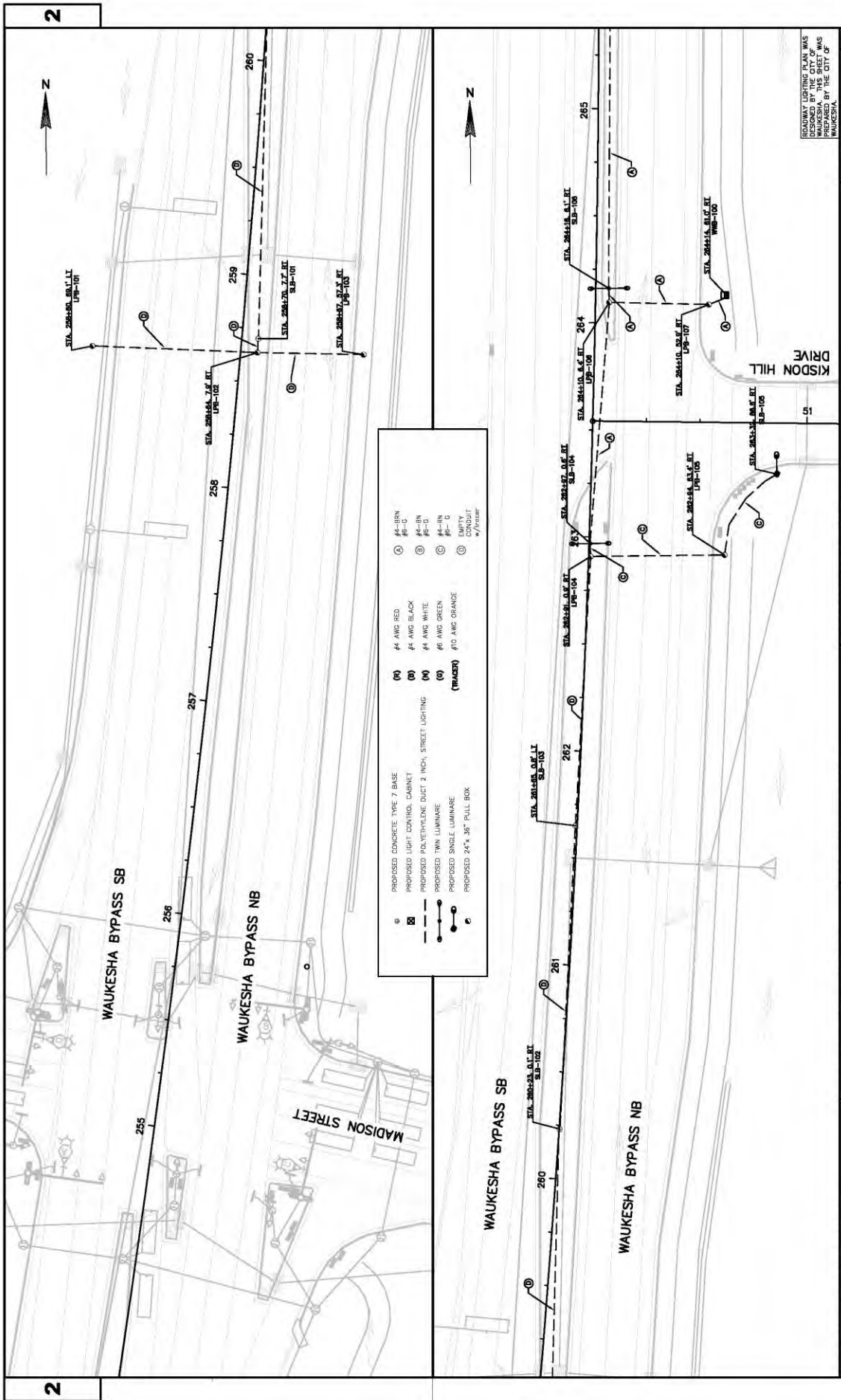
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Appendix B

STREET LIGHT SYSTEMS

Plan Sheets

Madison Street to Rolling Ridge Drive

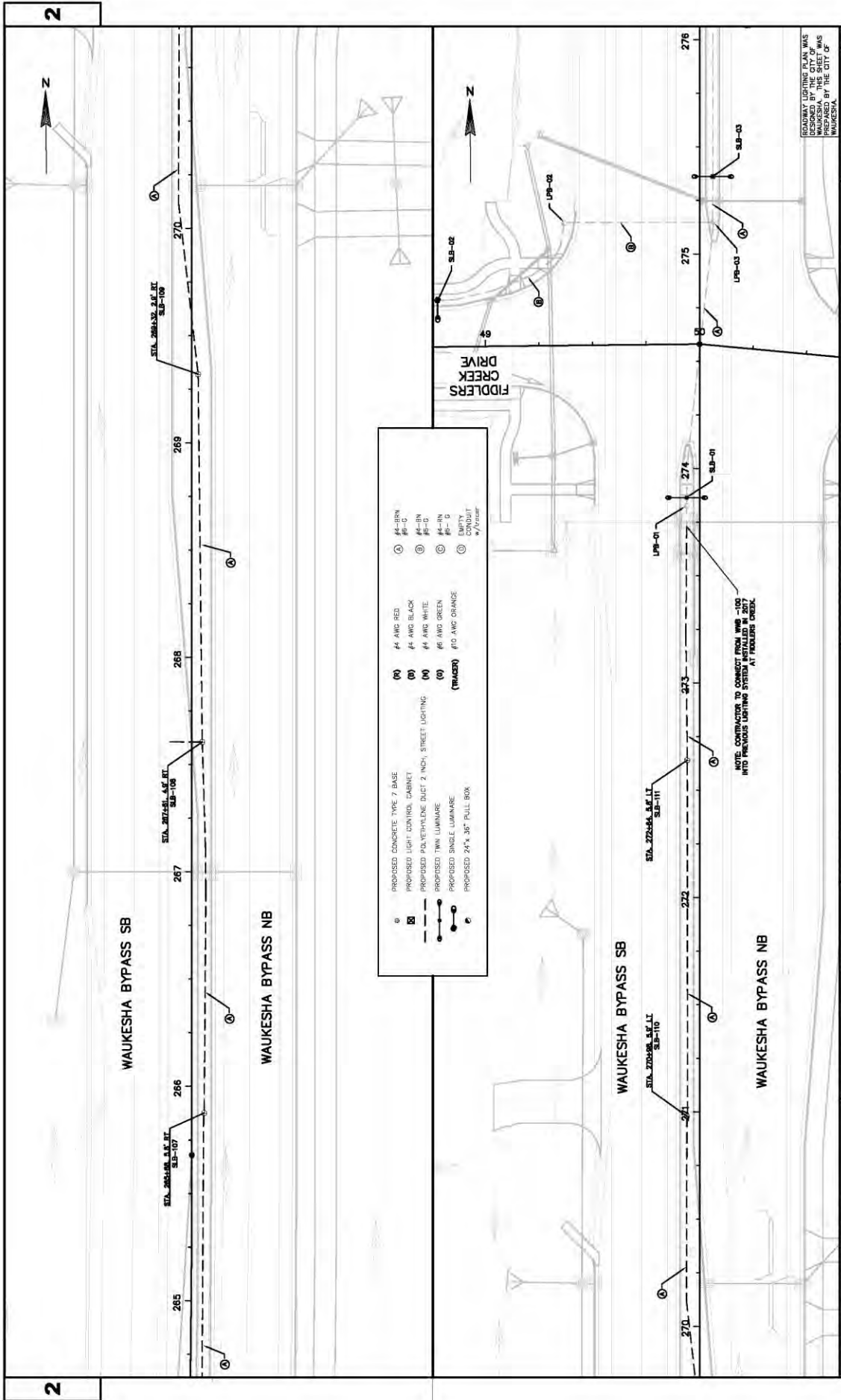


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⊠	PROPOSED LIGHT CONTROL CABINET	⓪	#4 AWG BLACK	⓪	#4-BN
---	PROPOSED POLYETHYLENE DUCT 2 INCH STREET LIGHTING	⓪	#4 AWG WHITE	⓪	#4-D
⊙	PROPOSED TWIN LUMINAIRE	⓪	#6 AWG GREEN	⓪	#4-RN
⊙	PROPOSED SINGLE LUMINAIRE	⓪	#6 AWG ORANGE	⓪	#-G
⊙	PROPOSED 24" x 36" FULL BOX	(TRACER)		⓪	EMPTY
				⓪	W/TRACE

PROJECT NO: 2788-00-71 HWY: WAUKESHA BYPASS COUNTY: WAUKESHA PROPOSED LIGHTING SHEET E

FILE NAME : D:\PROJECTS\2018\2018_WAUKESHA WEST BYPASS-SOUTH STREET LIGHTING-001-003-BYPASS SOUTH LIGHTING-PLANDING PLOT DATE : 11/18/2016 8:08 AM PLOT BY : BSCHWENN WISDOT/CADDS SHEET 44

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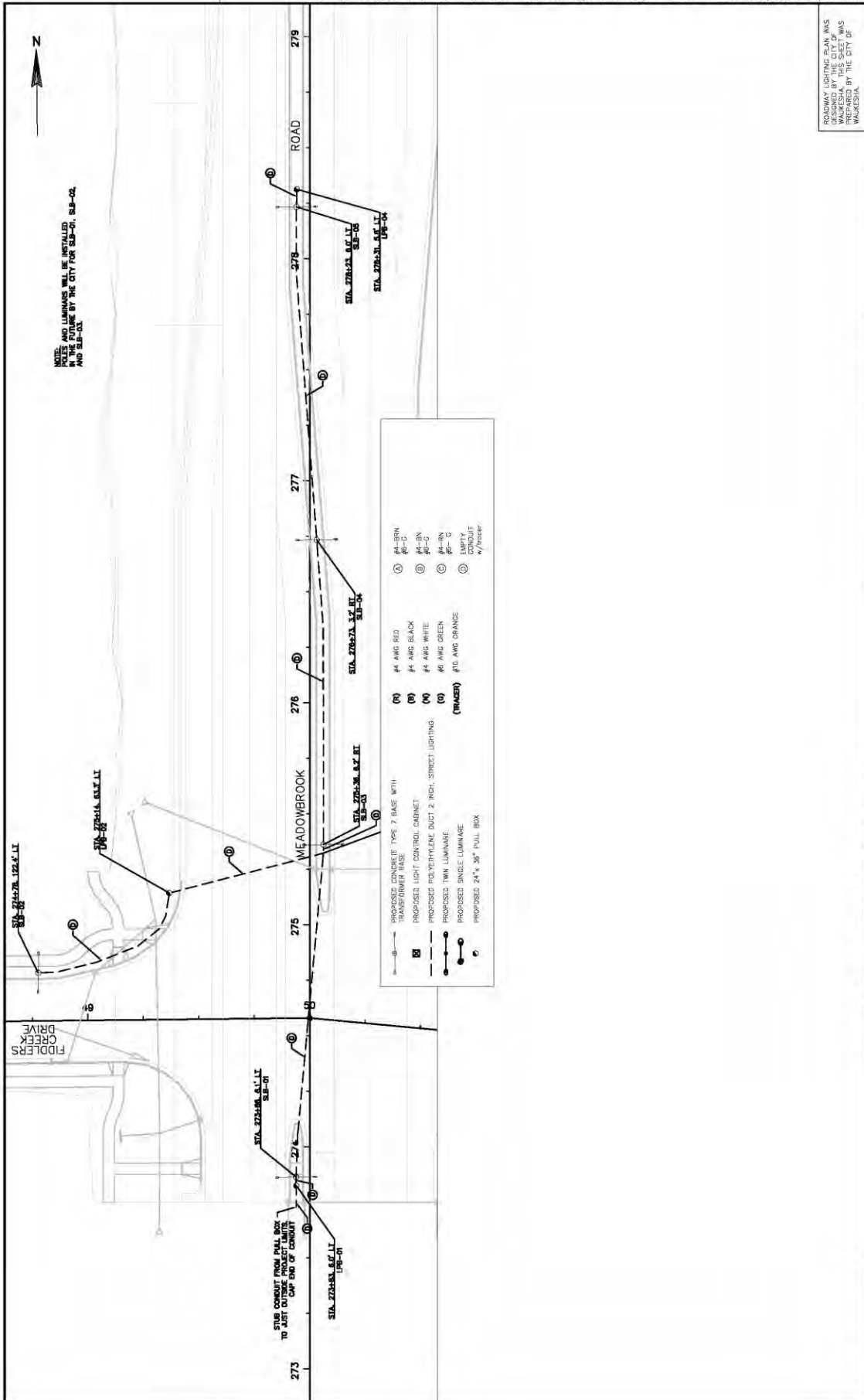
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 (S) PROPOSED LIGHT CONTROL CABINET
 (D) PROPOSED POLYETHYLENE DUCT 2 INCH STREET LIGHTING
 (L) PROPOSED TWIN LUMINAIRE
 (S) PROPOSED SINGLE LUMINAIRE
 (B) PROPOSED 24" x 36" FULL BOX

(R) #4 AWG RED
 (B) #4 AWG BLACK
 (W) #4 AWG WHITE
 (G) #6 AWG GREEN
 (O) #10 AWG ORANGE
 (TRACERS) #10 AWG ORANGE

(A) #4-RN #1-D
 (B) #4-RN #1-D
 (C) #4-RN #1-D
 (D) #4-RN #1-D
 (E) #4-RN #1-D
 (F) #4-RN #1-D
 (G) #4-RN #1-D
 (H) #4-RN #1-D
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 (Y) #4-RN #1-D
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PROJECT NO: 2788-00-71		COUNTY: WAUKESHA		PROPOSED LIGHTING		SHEET	
HWY: WAUKESHA BYPASS		COUNTY: WAUKESHA		PROPOSED LIGHTING		SHEET	
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HWY: WAUKESHA BYPASS		COUNTY: WAUKESHA		PROPOSED LIGHTING		SHEET	
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SECURITY DESIGNER'S SEAL WAS
 DESIGNED BY THE CITY OF
 WAUKESHA. THE SHEET WAS
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 WAUKESHA.



CITY OF WAUKESHA
DEPARTMENT OF PUBLIC WORKS

WAUKESHA BYPASS PROJECT ID 2788-02-70
ROADWAY LIGHTING PLAN

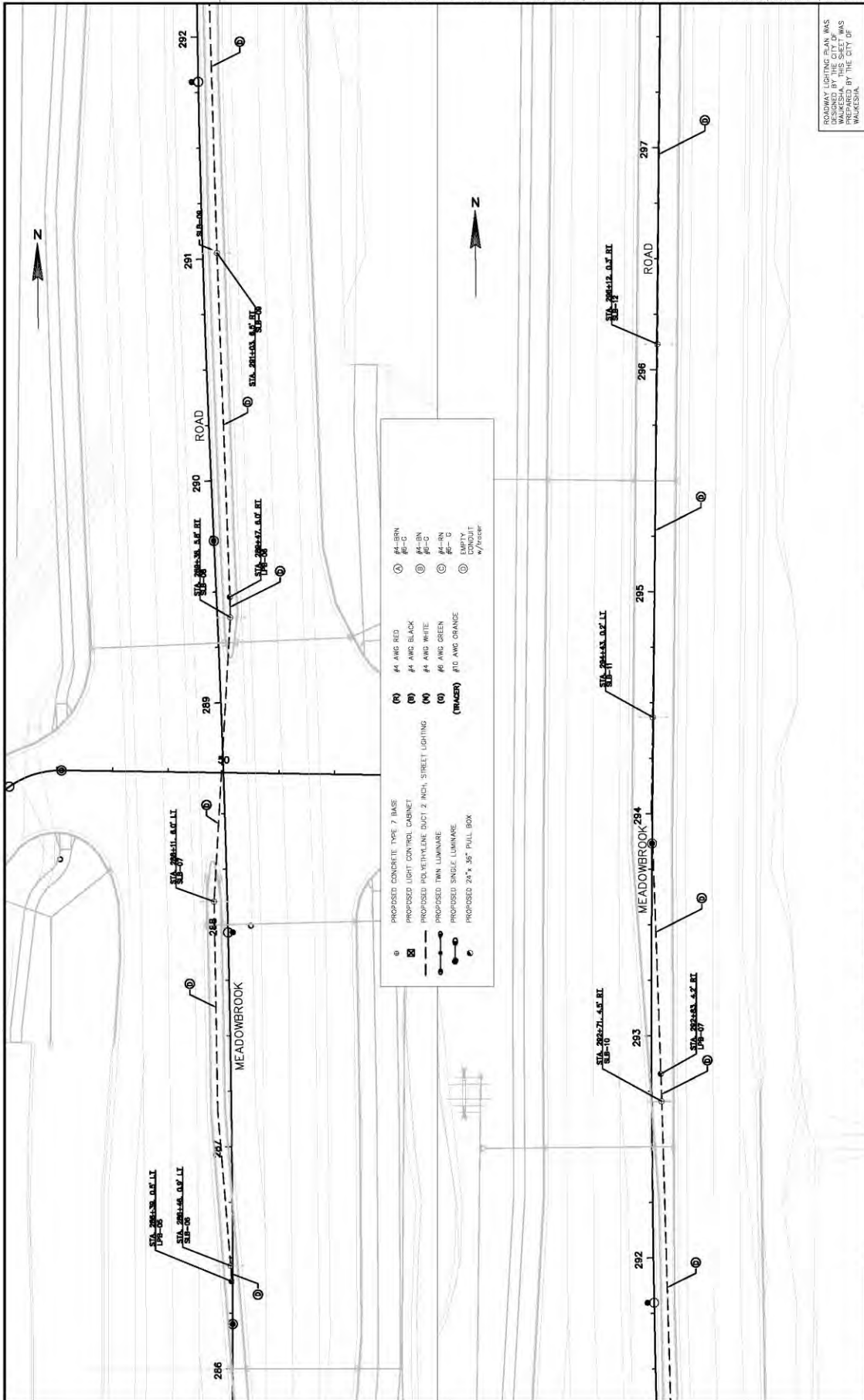
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CHECKED BY: JMB

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PROJECT NO: 2016-WALK W. BYPASS

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□	PROPOSED LIGHT CONTROL CABINET	②	#4-C
---	PROPOSED POLYETHYLENE DUCT 2 INCH STREET LIGHTING	③	#4-BN
○	PROPOSED TWIN LUMINAIRE	④	#4-C
○	PROPOSED SINGLE LUMINAIRE	⑤	#4-RN
○	PROPOSED 24" x 36" FULL BOX	⑥	#4-G
○		⑦	#4-OR
○		⑧	#4-OR w/tracer

CITY OF WAUKESHA
DEPARTMENT OF PUBLIC WORKS

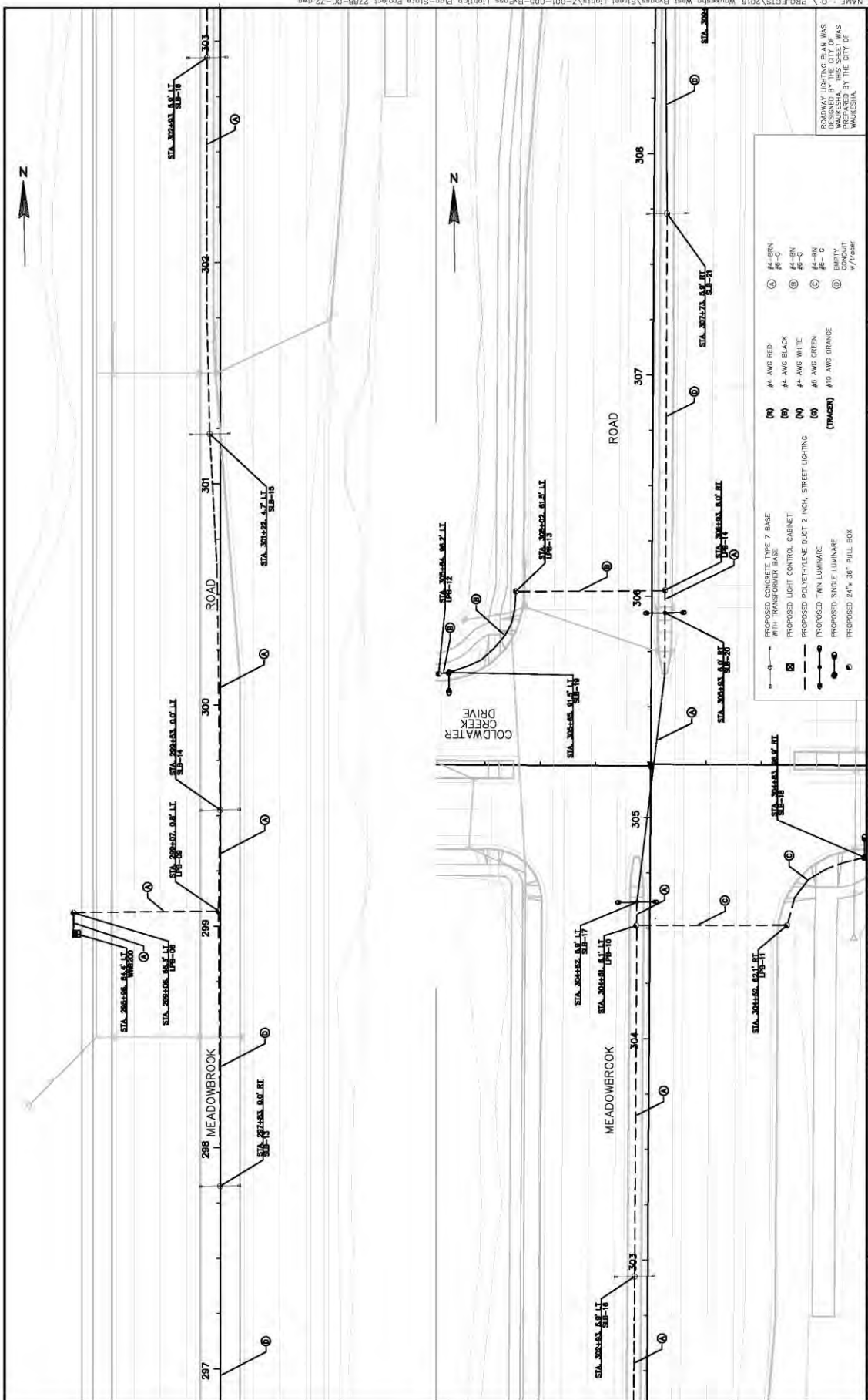
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ROADWAY LIGHTING PLAN

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DRAWN BY: MEG _____
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SHEET NO. 1 OF 6
PROJECT NO: 2016-WAUK W. BYPASS

ROADWAY LIGHTING PLAN WAS PREPARED BY THE CITY OF WAUKESHA.



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PROPOSED TWIN LUMINAIRE	(D) #4 AVG GREEN	(D) #4-8RN
PROPOSED SINGLE LUMINAIRE	(E) #10 AVG ORANGE	(E) #10-8RN
PROPOSED 24" x 36" PULL BOX	(F) EMPTY CONDUIT	(F) #1/2" RISE

CITY OF WAUKESHA
DEPARTMENT OF PUBLIC WORKS

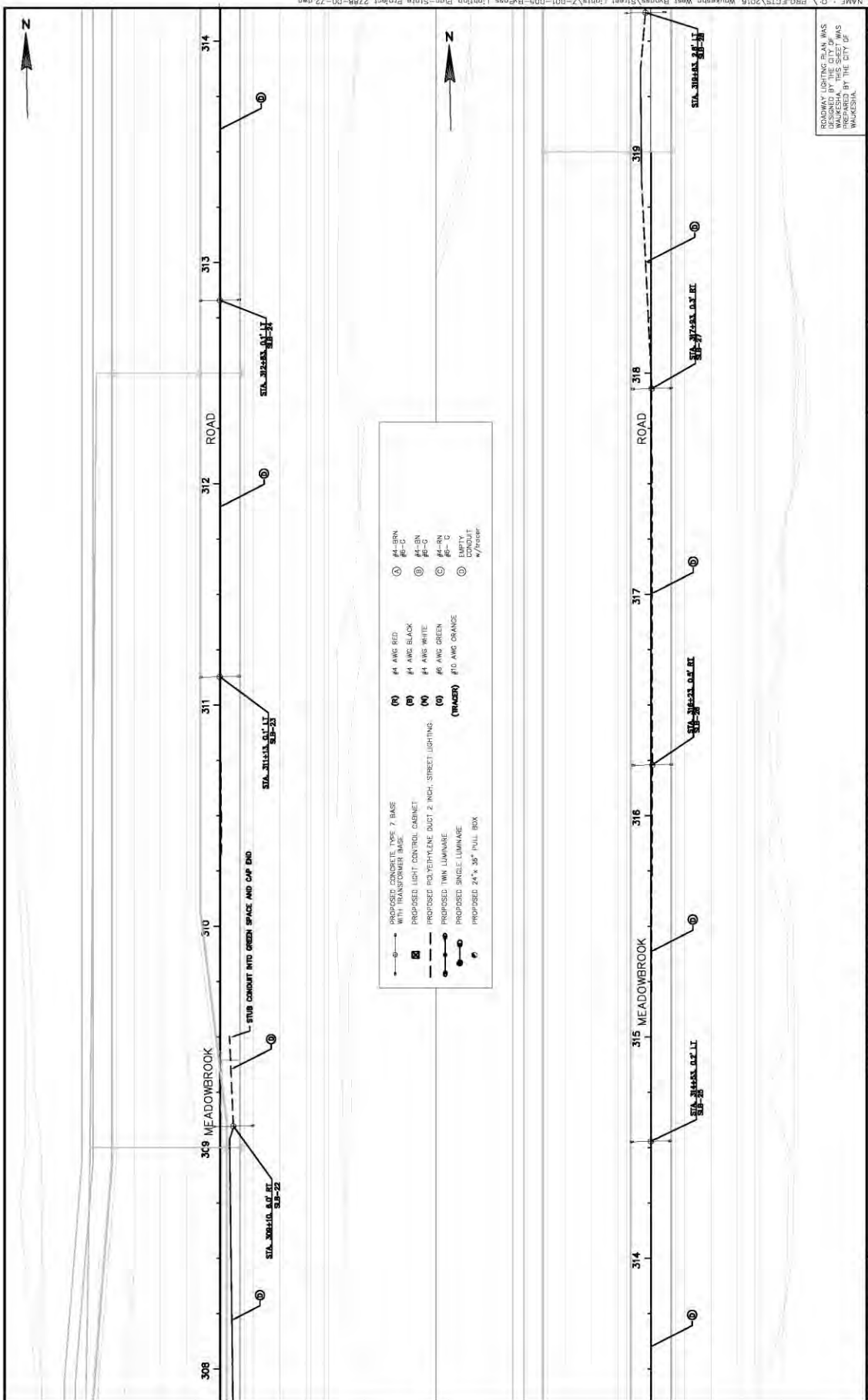
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ROADWAY LIGHTING PLAN

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SHEET NO. 2 OF 6

ROADWAY LIGHTING PLAN WAS PREPARED BY THE CITY OF WAUKESHA.



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○	#4-BN #5-C
○	#4-RN #5-C
○	#4-GR #5-C
○	#4-GR #5-C w/tracer
○	#4 AVG RED
○	#4 AVG SLACK
○	#4 AVG WHITE
○	#6 AVG GREEN
○	#10 AVG GRANGE
○	(TRACER)
○	PROPOSED CONCRETE TYPE 7 BASE WITH TRANSFORMER BASE
○	PROPOSED LIGHT CONTROL CABINET
○	PROPOSED POLYETHYLENE DUCT 2 INCH. STREET LIGHTING
○	PROPOSED TWIN LUMINAIRE
○	PROPOSED SINGLE LUMINAIRE
○	PROPOSED 24" X 36" FULL BOX

CITY OF WAUKESHA
 DEPARTMENT OF PUBLIC WORKS

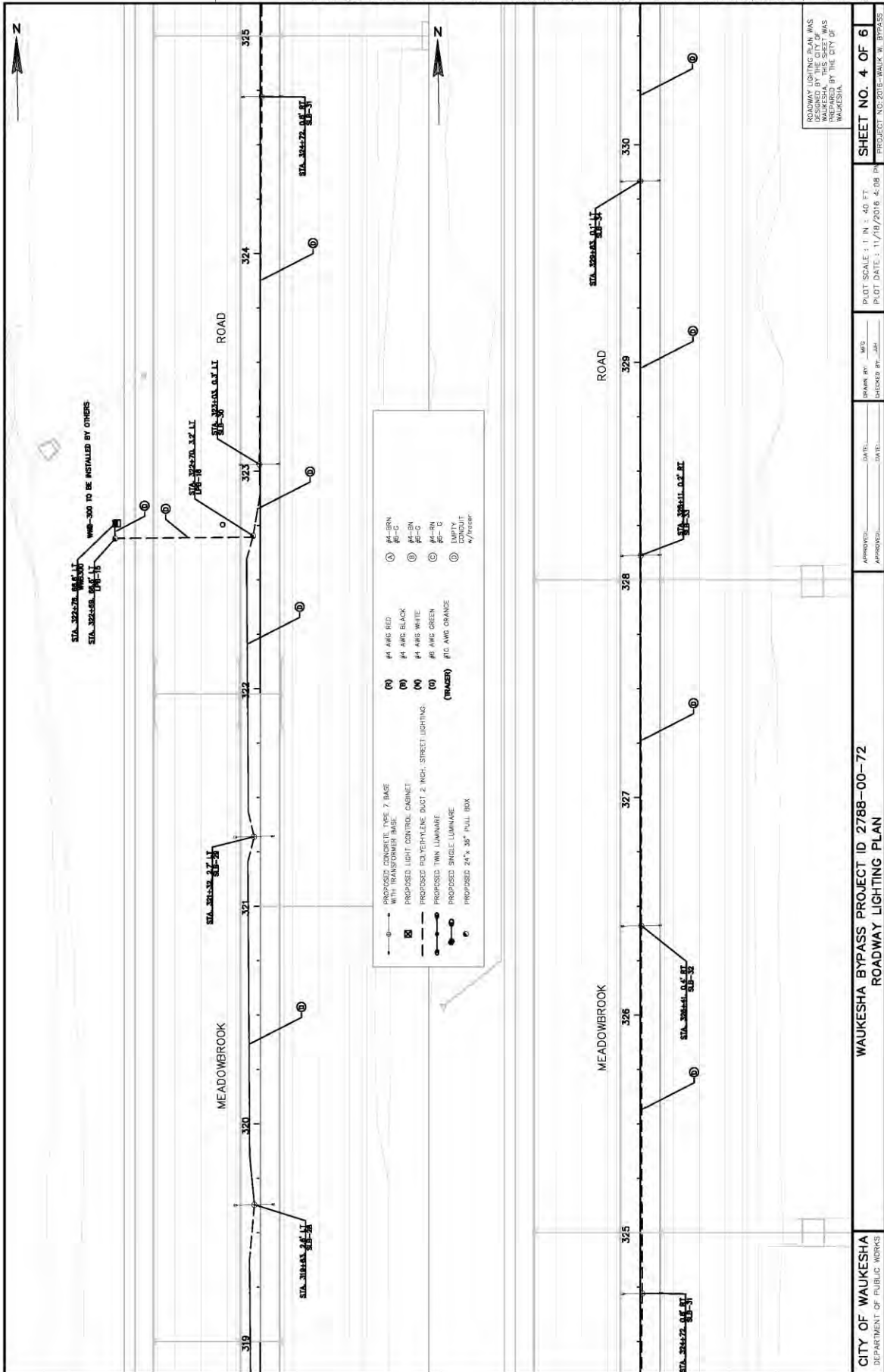
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ROADWAY LIGHTING PLAN

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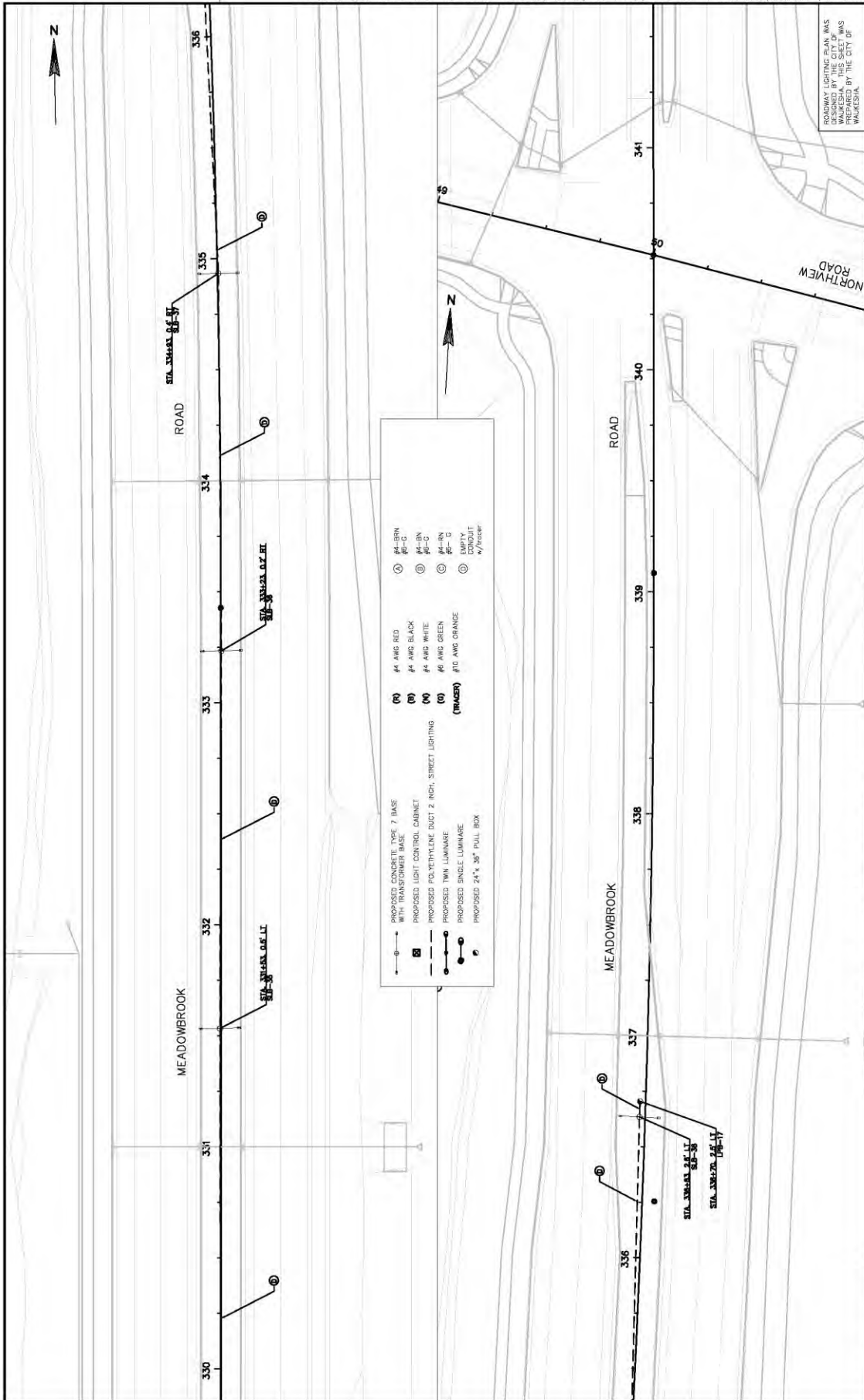
SHEET NO. 3 OF 6
 PROJECT NO: 2016-WAUK W. BYPASS

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 PREPARED BY THE CITY OF
 WAUKESHA.



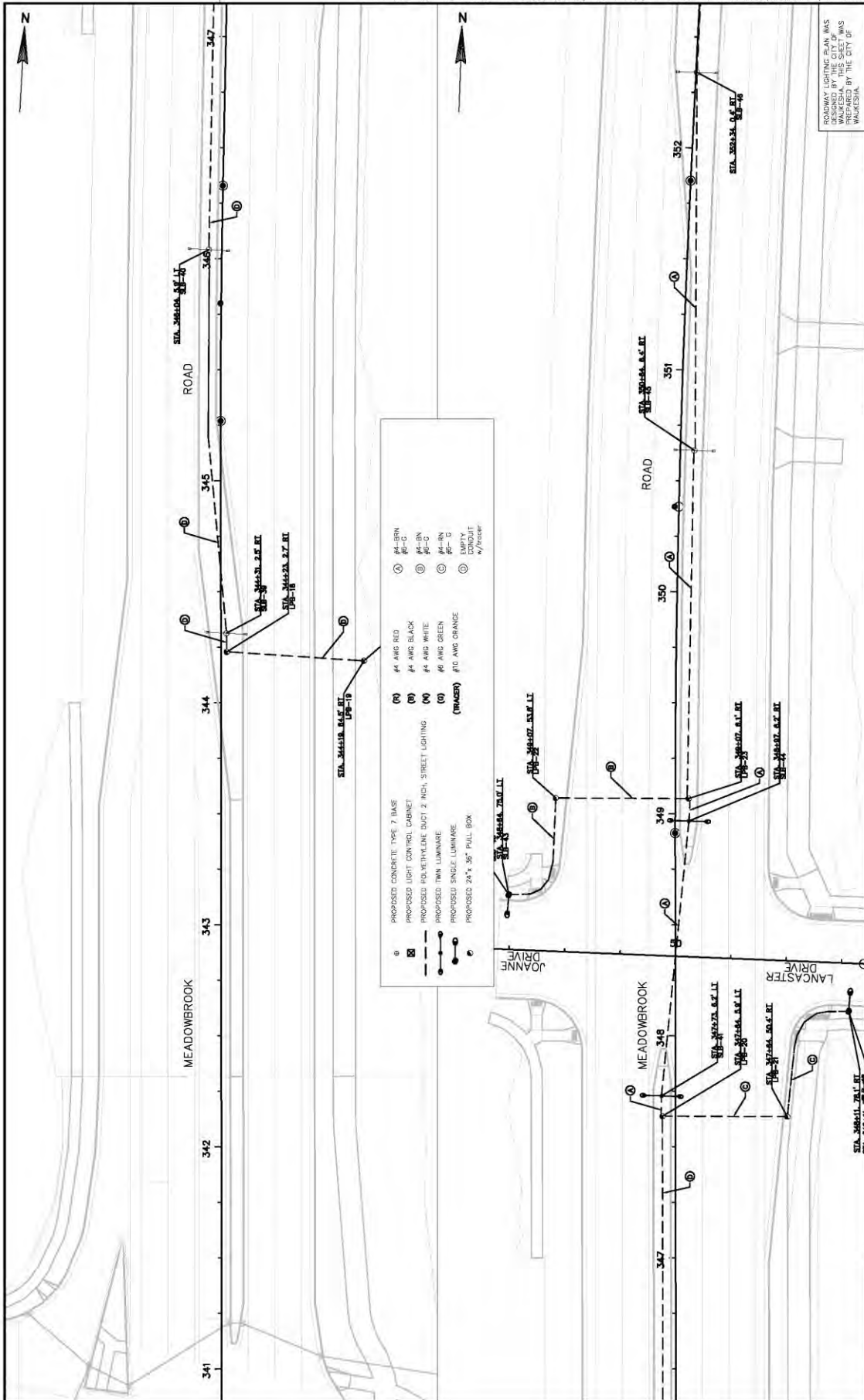
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CITY OF WAUKESHA DEPARTMENT OF PUBLIC WORKS	WAUKESHA BYPASS PROJECT ID 2788-00-72 ROADWAY LIGHTING PLAN		SHEET NO. 4 OF 6
	APPROVED: _____ DATE: _____	DRAWN BY: MFB CHECKED BY: JAB	



CITY OF WAUKESHA DEPARTMENT OF PUBLIC WORKS	WUKESHA BYPASS PROJECT ID 2788-00-72 ROADWAY LIGHTING PLAN		APPROVED: _____ DATE: _____	DRAWN BY: MEG CHECKED BY: JAK	SHEET NO. 5 OF 6 PROJECT NO. 2016-WALK W. BYPASS

ROADWAY LIGHTING PLAN WAS PREPARED BY THE CITY OF WAUKESHA. THIS SHEET WAS PREPARED BY THE CITY OF WAUKESHA.



CITY OF WAUKESHA
DEPARTMENT OF PUBLIC WORKS

MEADOWBROOK ROAD
ROADWAY LIGHTING PLAN

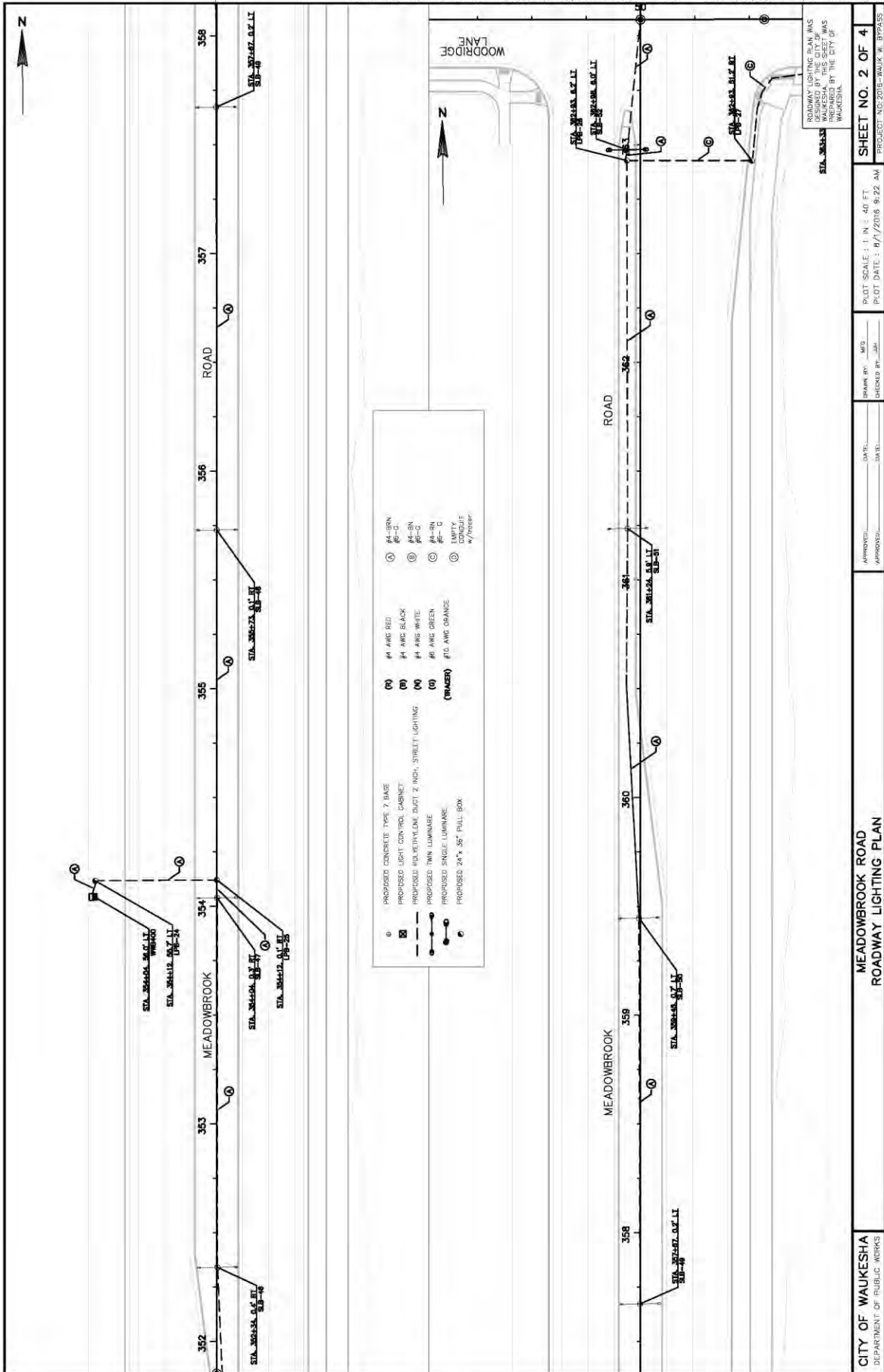
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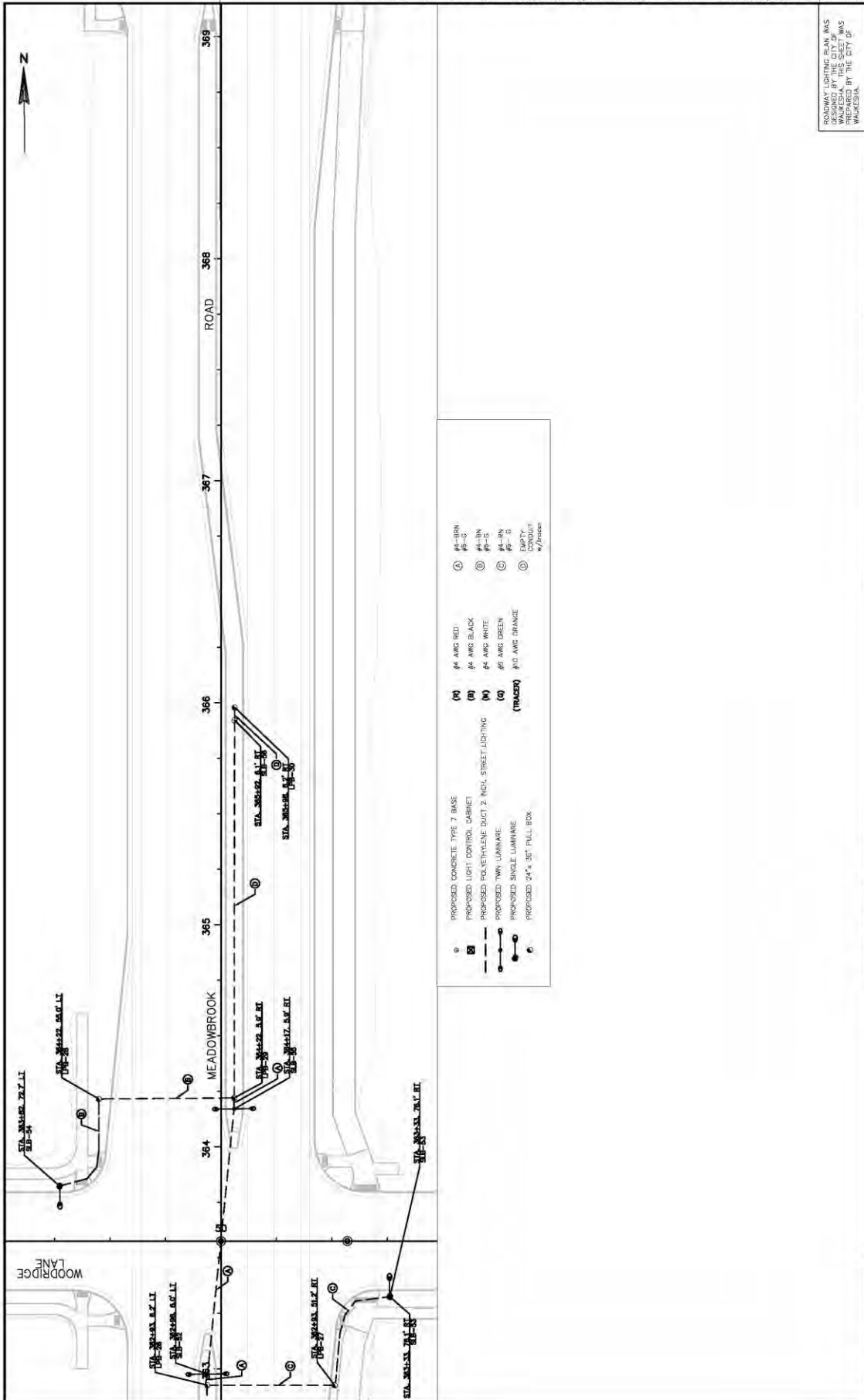
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SHEET NO. 1 OF 4

PROJECT: NCD-2016-WALK W. BYPASS

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DESIGNED BY THE CITY OF
WAUKESHA. THIS SHEET WAS
PREPARED BY THE CITY OF
WAUKESHA.





①	PROPOSED CONCRETE TYPE 7 BASE	Ⓐ	#4-BN
②	PROPOSED LIGHT CONTROL CABINET	Ⓑ	#5-G
③	PROPOSED POLYETHYLENE DUCT 2 INCH. STREET LIGHTING	Ⓒ	#4-BN
④	PROPOSED TWIN LUMINAIRE	Ⓓ	#5-G
⑤	PROPOSED SINGLE LUMINAIRE	Ⓔ	#10-AWG ORANGE
⑥	PROPOSED 24" x 36" FULL BOX	Ⓝ	CONDUIT
		Ⓞ	CONDUIT
		Ⓟ	W/POSSIBLE

CITY OF WAUKESHA
DEPARTMENT OF PUBLIC WORKS

MEADOWBROOK ROAD
ROADWAY LIGHTING PLAN

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DRAWN BY: MFB
CHECKED BY: JMB

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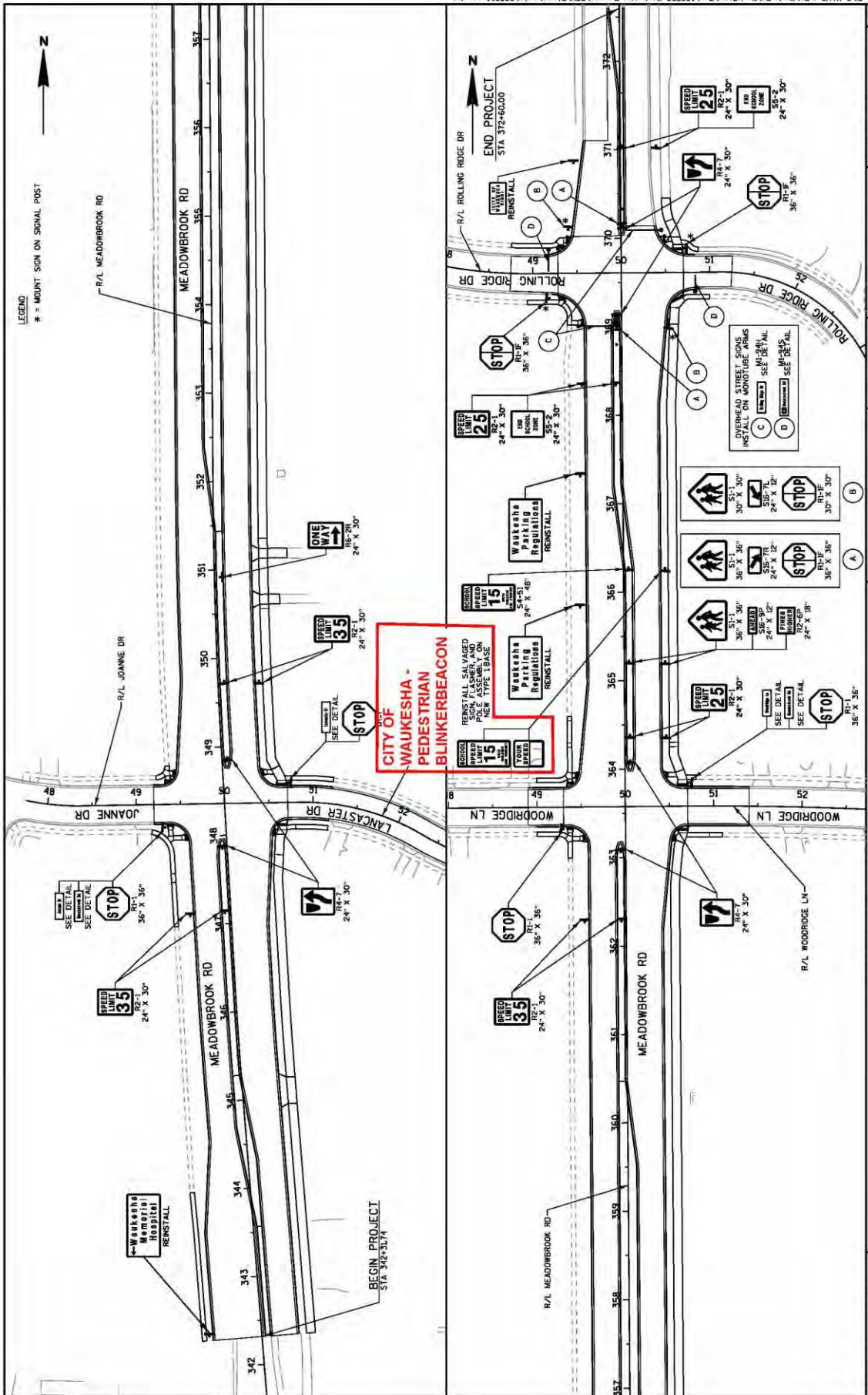
SHEET NO. 3 OF 4

ROADWAY LIGHTING PLAN WAS PREPARED BY THE CITY OF WAUKESHA. THIS SHEET WAS PREPARED BY THE CITY OF WAUKESHA.

Appendix C

PEDESTRIAN BLINKERBEACON

Plan Sheets



CITY OF WAUKESHA
DEPARTMENT OF PUBLIC WORKS

MEADOWBROOK RD
PERMANENT SIGNING

APPROVED: _____ DATE: _____

DRAWN BY: _____

CHECKED BY: _____

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PLOT DATE: 10/21/2016

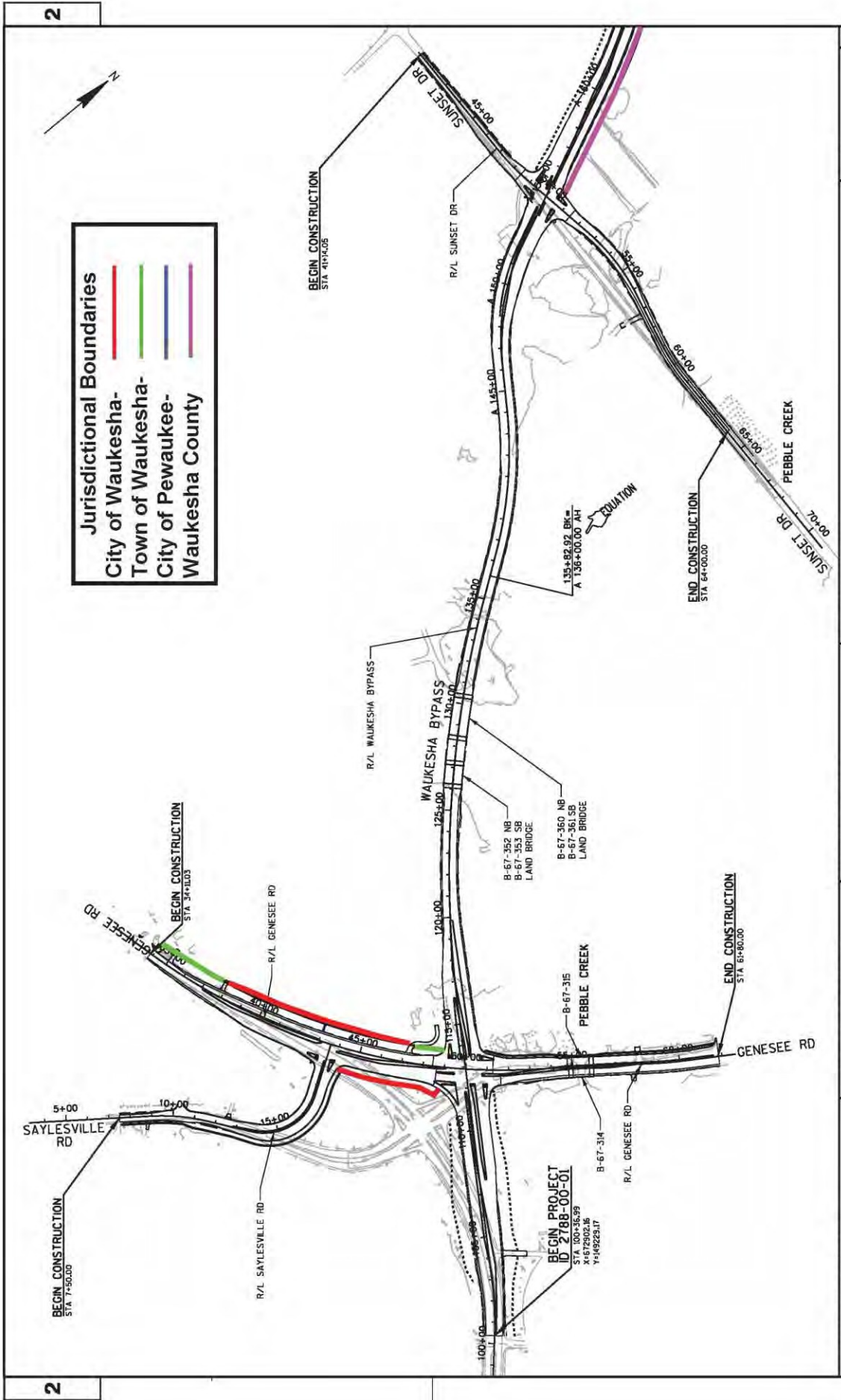
SHEET NO. **81**

PROJECT NO. _____

Appendix D

SIDEWALK
CITY JURISDICTION/LIMITS

Plan Sheets



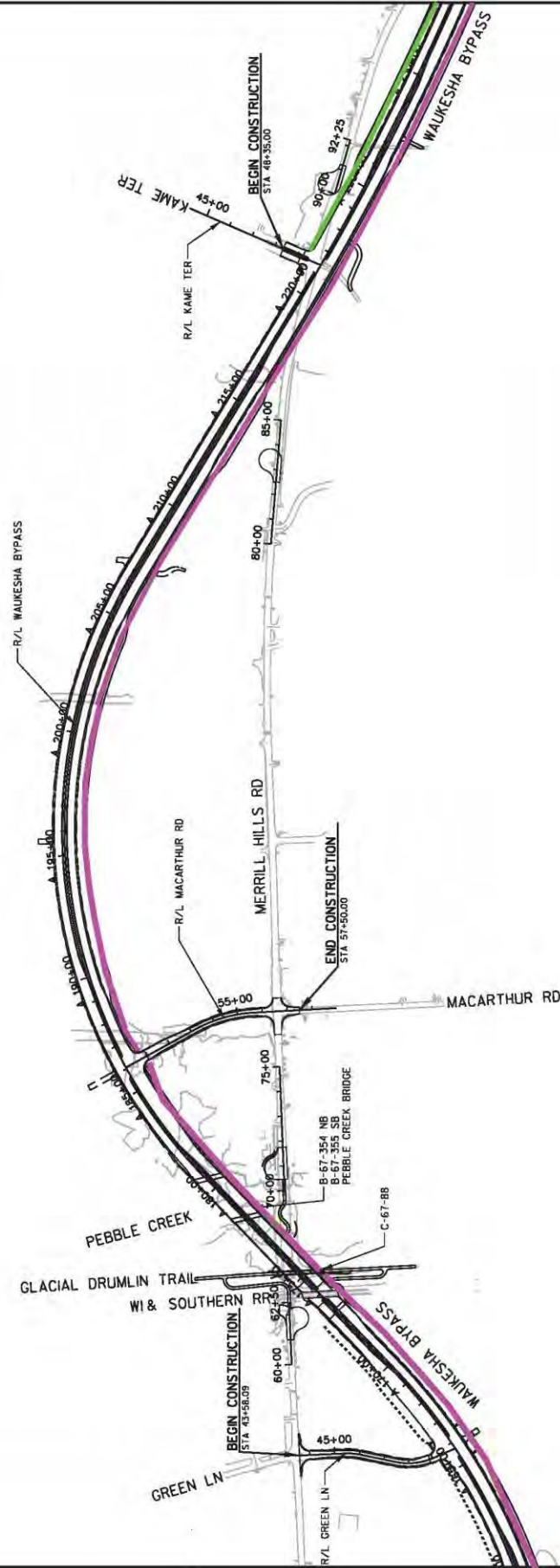
Jurisdictional Boundaries

- City of Waukesha
- Town of Waukesha
- City of Pewaukee
- Waukesha County

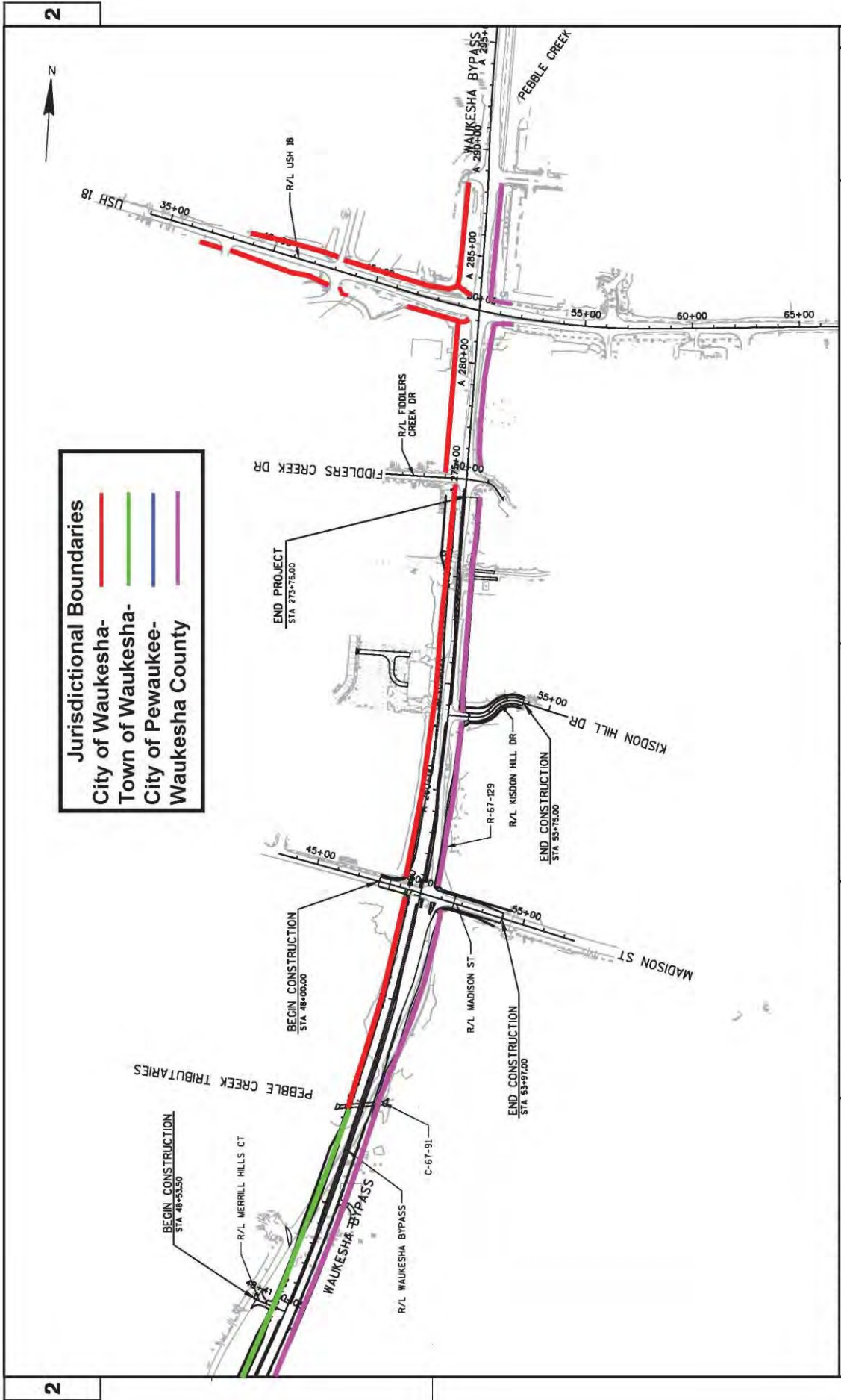
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FILE NAME : F:\NMI-3324 USH-18 Bypass\5_Design\03_Roads\04\by_020201.dwg			PLOT NAME :	
PLOT DATE : 09-MAR-2016 11:13			PLOT BY : tomr	
PLOT SCALE : 400:1			WISDOT/CADD'S SHEET 42	

Jurisdictional Boundaries

- City of Waukesha
- Town of Waukesha
- City of Pewaukee
- Waukesha County



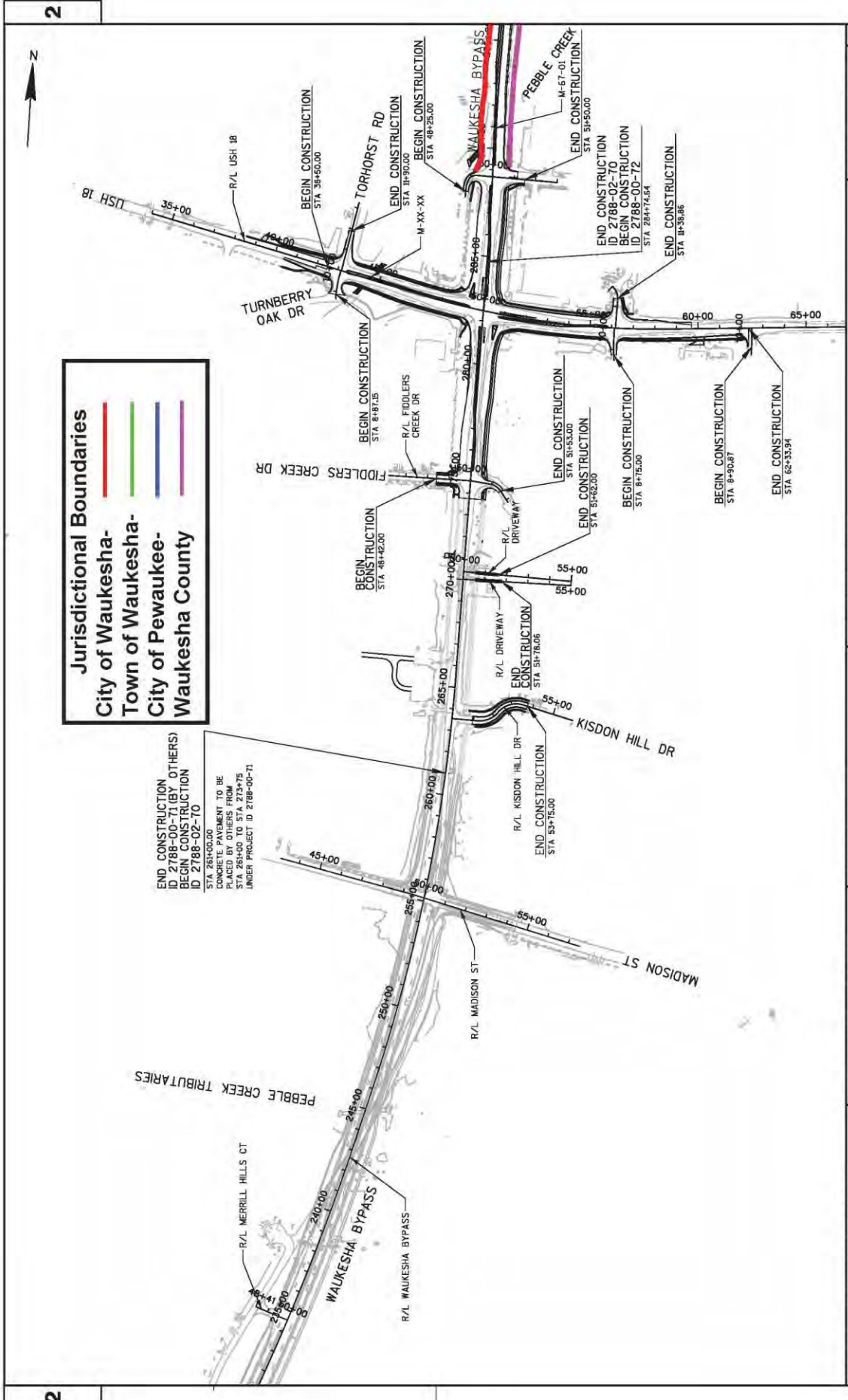
PROJECT NO: 2788-00-71	COUNTY: WAUKESHA	PROJECT OVERVIEW	SHEET
HWY: WAUKESHA BYPASS			
FILE NAME : F:\NM-3324 USH 28 Bypass\5_Des\Ln03_Roads\04b\by_020202.dwg	PLOT DATE : 09-MAR-2016 11:13	PLOT BY : torner	WISDOT/CADD'S SHEET 42



Jurisdictional Boundaries

- City of Waukesha
- Town of Waukesha
- City of Pewaukee
- Waukesha County

PROJECT NO: 2788-00-71	HWY: WAUKESHA BYPASS	COUNTY: WAUKESHA	PROJECT OVERVIEW	SHEET
FILE NAME : F:\NM-3324 USH 18 Bypass\5_Des\Ign\03_Roads\cadd\by_020203.dwg				WISDOT/CADD SHEET 42
PLOT DATE : 09-MAR-2016 11:13				PLOT NAME :
PLOT BY : torner				PLOT SCALE : 400:1



Jurisdictional Boundaries

- City of Waukesha
- Town of Waukesha
- City of Pewaukee
- Waukesha County

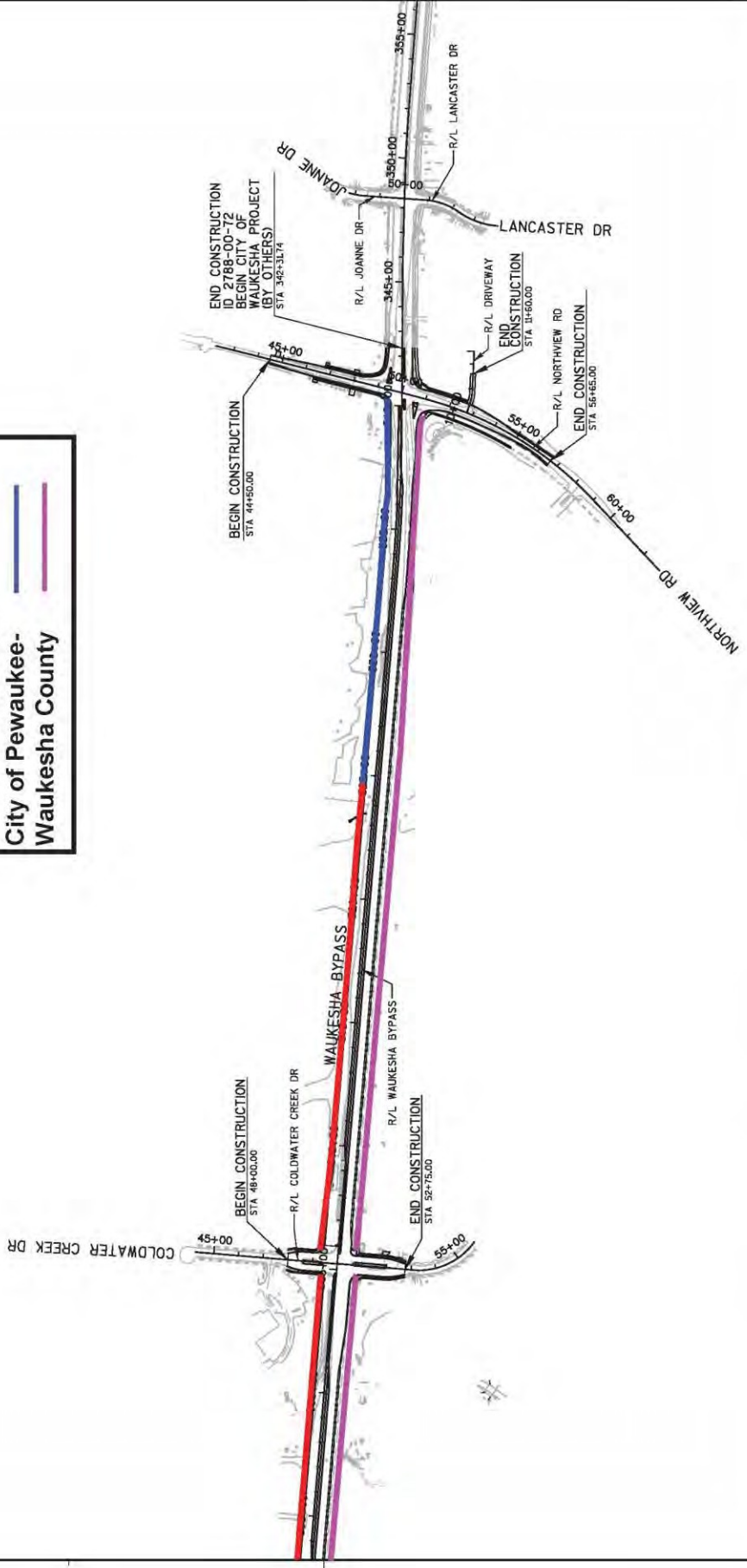
END CONSTRUCTION STA 281+00.00 ID 2788-02-70 (BY OTHERS) BEGIN CONSTRUCTION STA 278+00.00 ID 2788-02-10
 STA 281+00.00 TO BE PLACED BY OTHERS FROM STA 281+00 TO STA 273+75 UNDER PROJECT ID 2788-00-71

PROJECT NO: 2788-00-72/02-70	COUNTY: WAUKESHA	PROJECT OVERVIEW	SHEET	PRE-6
FILE NAME : FD_022023_100.dgn	PLOT DATE : 16-SEP-2015	PLOT BY : mmorgan	PLOT NAME : WISDOT/CADDIS SHEET 42	
PLOT SCALE : 400:1			E	

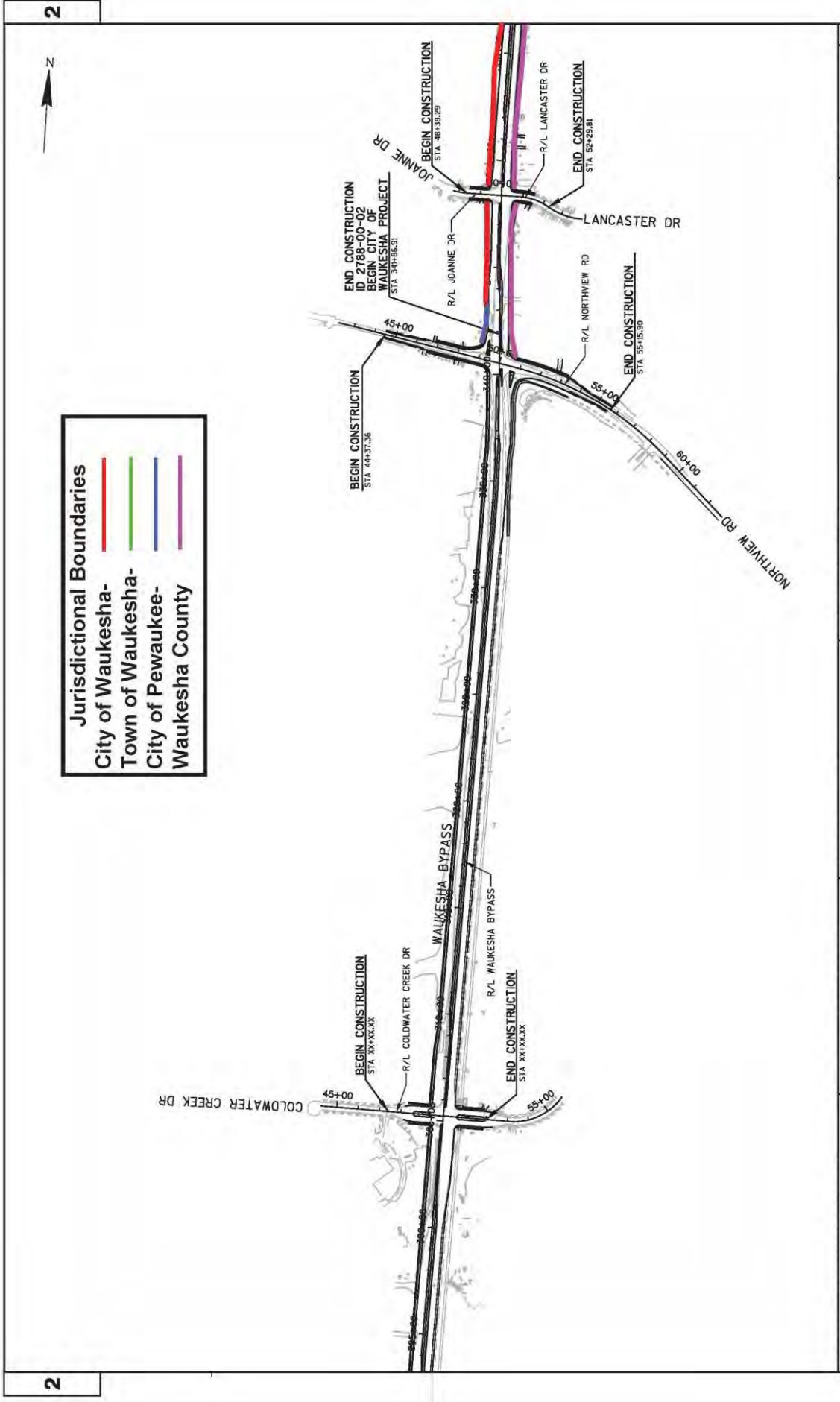


Jurisdictional Boundaries

- City of Waukesha
- Town of Waukesha
- City of Pewaukee
- Waukesha County



PROJECT NO: 2788-00-72/02-70	COUNTY: WAUKESHA	PROJECT OVERVIEW	SHEET	PRE-7	E
FILE NAME : FD_022204_p01.dgn	HWY: WAUKESHA BYPASS	PLOT BY : mmorgan	WISDOT/CADDIS SHEET 42		
		PLOT DATE : 16-SEP-2015	PLOT SCALE : 400:1		



2

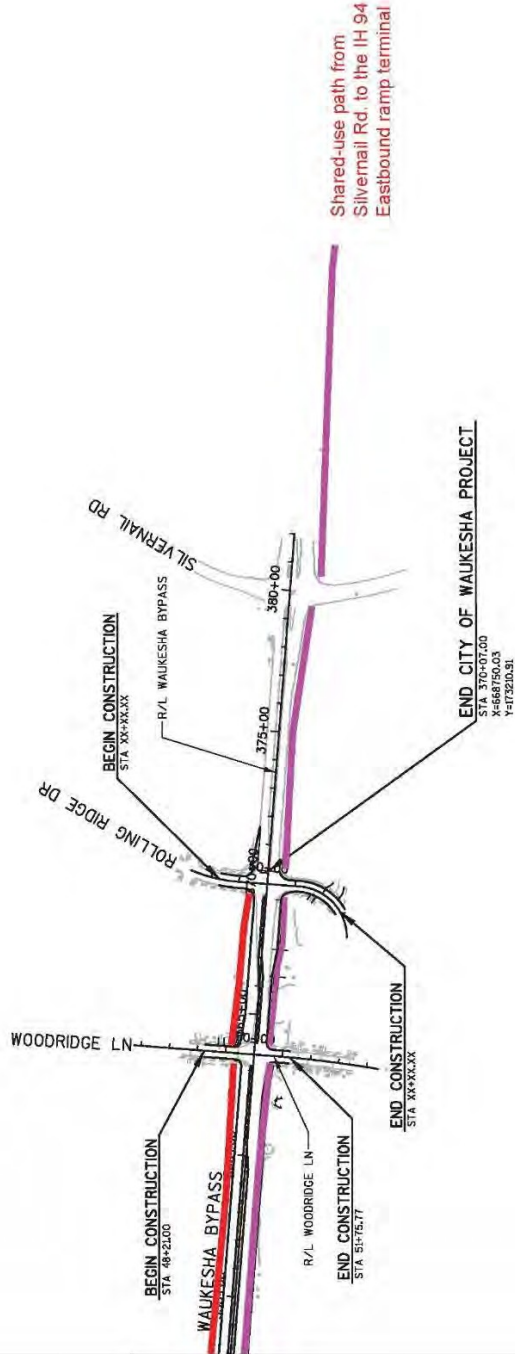
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PROJECT NO: 2788-00-02/02-00	COUNTY: WALKESHA	PROJECT OVERVIEW	SHEET
FILE NAME : 020204_po.dgn	PLOT DATE : 25-FEB-2015	PLOT BY : jpa1p0rl	E
		PLOT NAME :	
		PLOT SCALE : 400:1	
		WISDOT/CADDIS SHEET 42	



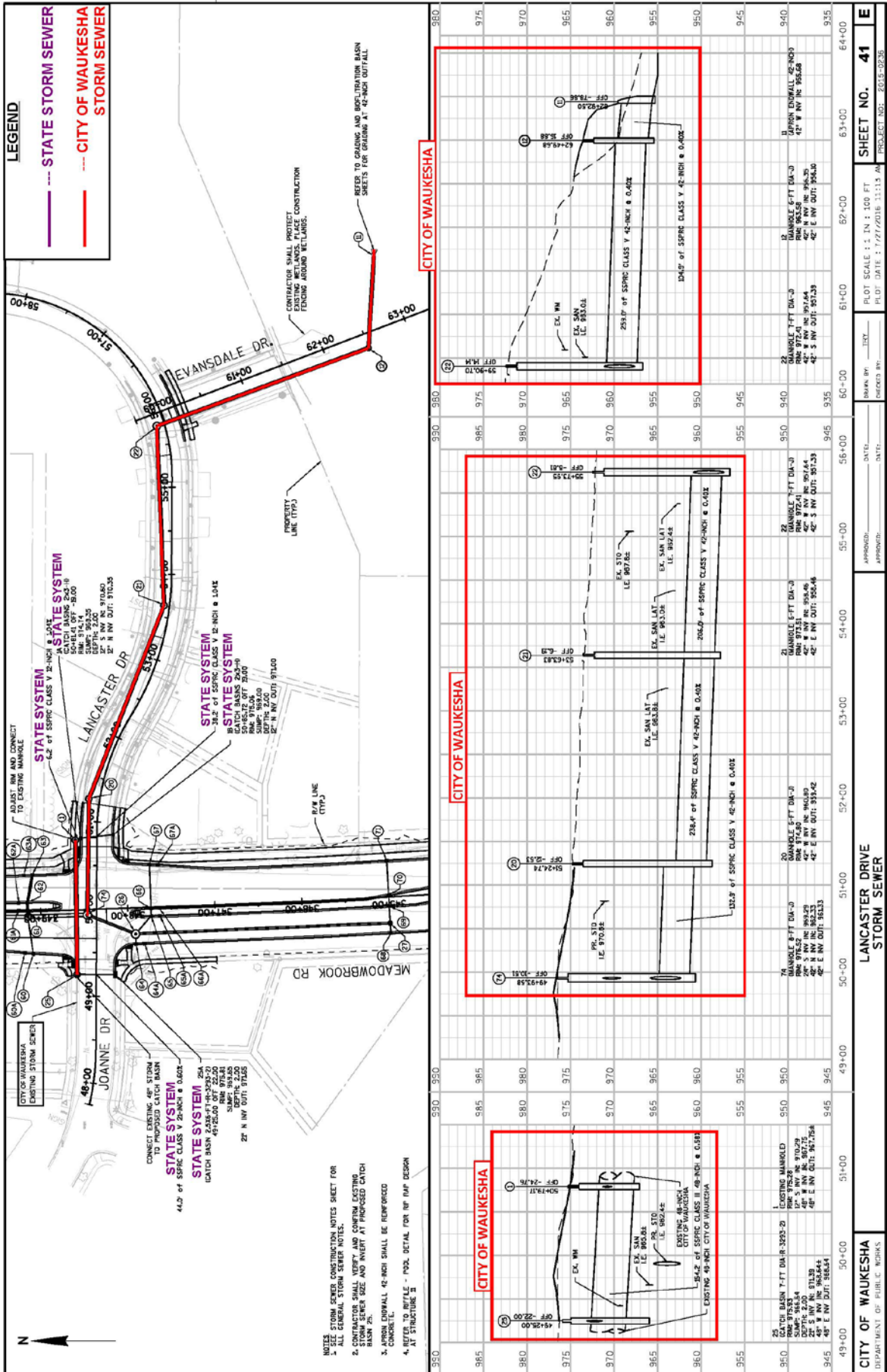
Jurisdictional Boundaries

- City of Waukesha
- Town of Waukesha
- City of Pewaukee
- Waukesha County



PROJECT No: 2788-00-02/02-00	COUNTY: WAUKESHA	PROJECT OVERVIEW	SHEET
HWY: WAUKESHA BYPASS	PLOT DATE : 28-FEB-2015	PLOT BY : JPL/WH/ML	WISDOT/CADDIS SHEET 42
FILE NAME : 028205.dwg	PLOT NAME :	PLOT SCALE : 400:1	

Appendix E
STORM SEWER
Plan Sheets



LEGEND

--- STATE STORM SEWER

--- CITY OF WAUKESHA STORM SEWER

STATE SYSTEM
 12" of SSRPC CLASS Y 12-INCH & 1.042
 62'-0" OF SSRPC CLASS Y 12-INCH & 1.042
 32'-0" OF SSRPC CLASS Y 12-INCH & 1.042

STATE SYSTEM
 32" OF SSRPC CLASS Y 12-INCH & 1.042
 32'-0" OF SSRPC CLASS Y 12-INCH & 1.042

STATE SYSTEM
 12" OF SSRPC CLASS Y 12-INCH & 1.042
 44'-0" OF SSRPC CLASS Y 12-INCH & 1.042

STATE SYSTEM
 12" OF SSRPC CLASS Y 12-INCH & 1.042
 44'-0" OF SSRPC CLASS Y 12-INCH & 1.042

STATE SYSTEM
 12" OF SSRPC CLASS Y 12-INCH & 1.042
 44'-0" OF SSRPC CLASS Y 12-INCH & 1.042

STATE SYSTEM
 12" OF SSRPC CLASS Y 12-INCH & 1.042
 44'-0" OF SSRPC CLASS Y 12-INCH & 1.042

STATE SYSTEM
 12" OF SSRPC CLASS Y 12-INCH & 1.042
 44'-0" OF SSRPC CLASS Y 12-INCH & 1.042

STATE SYSTEM
 12" OF SSRPC CLASS Y 12-INCH & 1.042
 44'-0" OF SSRPC CLASS Y 12-INCH & 1.042

STATE SYSTEM
 12" OF SSRPC CLASS Y 12-INCH & 1.042
 44'-0" OF SSRPC CLASS Y 12-INCH & 1.042

STATE SYSTEM
 12" OF SSRPC CLASS Y 12-INCH & 1.042
 44'-0" OF SSRPC CLASS Y 12-INCH & 1.042

STATE SYSTEM
 12" OF SSRPC CLASS Y 12-INCH & 1.042
 44'-0" OF SSRPC CLASS Y 12-INCH & 1.042

STATE SYSTEM
 12" OF SSRPC CLASS Y 12-INCH & 1.042
 44'-0" OF SSRPC CLASS Y 12-INCH & 1.042

STATE SYSTEM
 12" OF SSRPC CLASS Y 12-INCH & 1.042
 44'-0" OF SSRPC CLASS Y 12-INCH & 1.042

STATE SYSTEM
 12" OF SSRPC CLASS Y 12-INCH & 1.042
 44'-0" OF SSRPC CLASS Y 12-INCH & 1.042

STATE SYSTEM
 12" OF SSRPC CLASS Y 12-INCH & 1.042
 44'-0" OF SSRPC CLASS Y 12-INCH & 1.042

STATE SYSTEM
 12" OF SSRPC CLASS Y 12-INCH & 1.042
 44'-0" OF SSRPC CLASS Y 12-INCH & 1.042

STATE SYSTEM
 12" OF SSRPC CLASS Y 12-INCH & 1.042
 44'-0" OF SSRPC CLASS Y 12-INCH & 1.042

STATE SYSTEM
 12" OF SSRPC CLASS Y 12-INCH & 1.042
 44'-0" OF SSRPC CLASS Y 12-INCH & 1.042

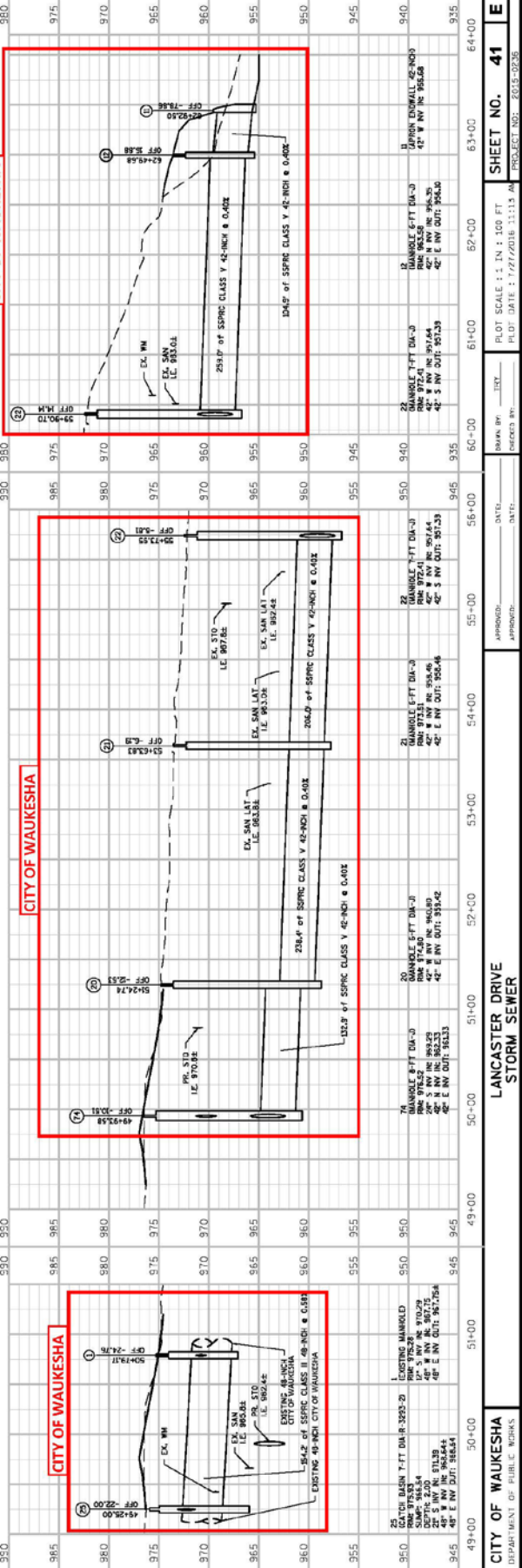
NOTES

1. REFER TO GENERAL CONSTRUCTION NOTES SHEET FOR ALL GENERAL STORM SEWER NOTES.
2. CONTRACTOR SHALL VERIFY AND CONFIRM EXISTING STORM SEWER SIZE AND INVERT AT PROPOSED CATCH BASIN 25.
3. APRON CHIMNEY 42-INCH SHALL BE REINFORCED CONCRETE.
4. ALL STORM SEWER SHALL BE REINFORCED CONCRETE.

CONTRACTOR SHALL PROTECT EXISTING UTILITIES AND CONDUITS. FENCING AROUND UTILITIES.

PROPERTY LINE (TYP)

B/A LINE (TYP)



LANCASTER DRIVE STORM SEWER

DEPARTMENT OF PUBLIC WORKS

DATE: _____

APPROVED: _____

DESIGNED BY: _____

CHECKED BY: _____

DATE: _____

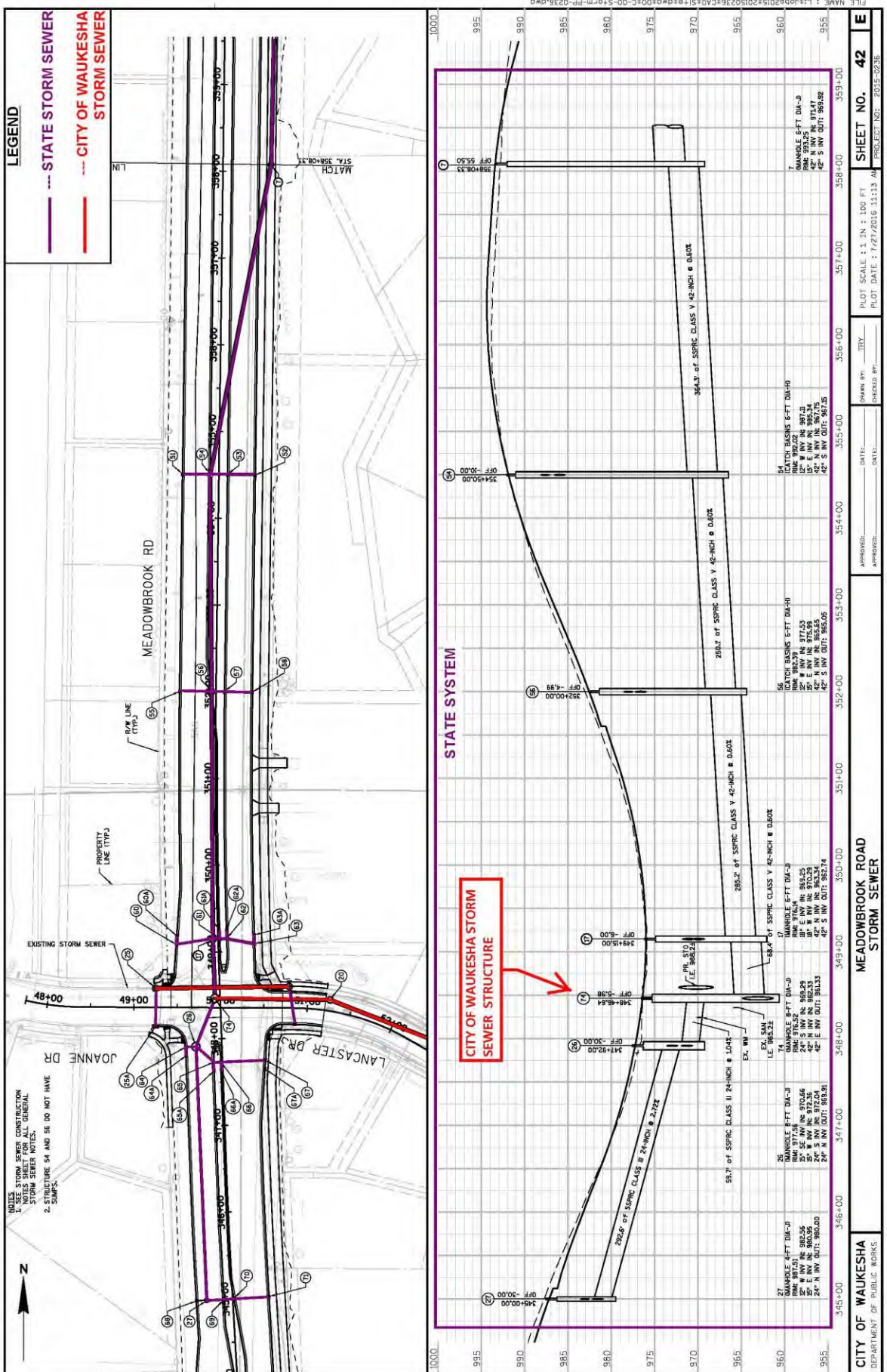
DATE: _____

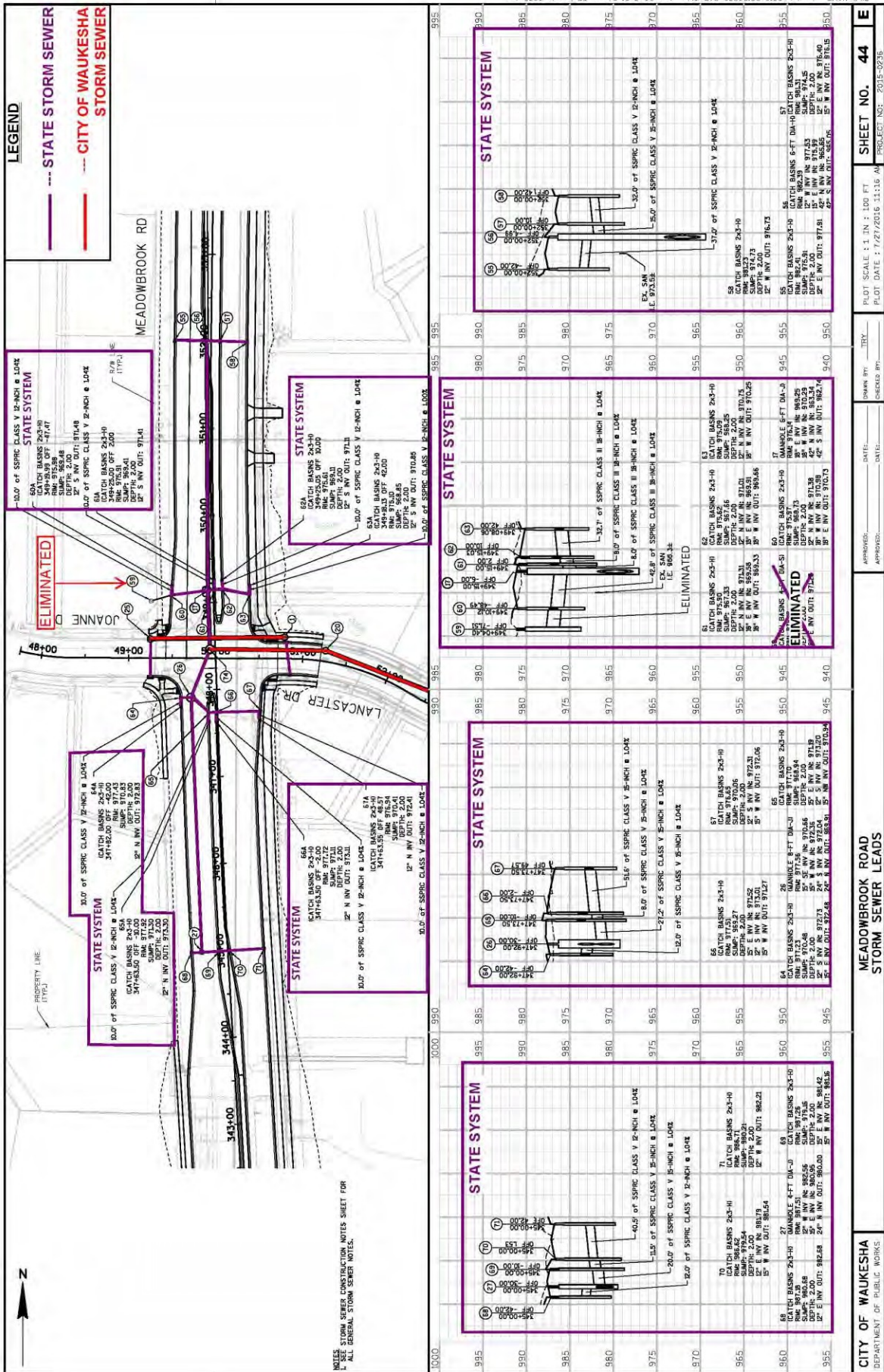
PLOT SCALE: 1" IN : 100 FT

PROJECT NO.: 2015-0235

SHEET NO. **41**

E





LEGEND
 --- STATE STORM SEWER
 --- CITY OF WAUKESHA STORM SEWER

ELIMINATED
 60A
 349+00.00 OFF -147.47
 12" S INV OUT: 971.48
 12" S INV OUT: 971.41

ELIMINATED
 61
 349+00.00 OFF -147.47
 12" S INV OUT: 971.48
 12" S INV OUT: 971.41

ELIMINATED
 62
 349+00.00 OFF -147.47
 12" S INV OUT: 971.48
 12" S INV OUT: 971.41

ELIMINATED
 63
 349+00.00 OFF -147.47
 12" S INV OUT: 971.48
 12" S INV OUT: 971.41

ELIMINATED
 64
 349+00.00 OFF -147.47
 12" S INV OUT: 971.48
 12" S INV OUT: 971.41

ELIMINATED
 65
 349+00.00 OFF -147.47
 12" S INV OUT: 971.48
 12" S INV OUT: 971.41

STATE SYSTEM
 60A
 349+00.00 OFF -147.47
 12" S INV OUT: 971.48
 12" S INV OUT: 971.41

STATE SYSTEM
 61
 349+00.00 OFF -147.47
 12" S INV OUT: 971.48
 12" S INV OUT: 971.41

STATE SYSTEM
 62
 349+00.00 OFF -147.47
 12" S INV OUT: 971.48
 12" S INV OUT: 971.41

STATE SYSTEM
 63
 349+00.00 OFF -147.47
 12" S INV OUT: 971.48
 12" S INV OUT: 971.41

STATE SYSTEM
 64
 349+00.00 OFF -147.47
 12" S INV OUT: 971.48
 12" S INV OUT: 971.41

STATE SYSTEM
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 349+00.00 OFF -147.47
 12" S INV OUT: 971.48
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STATE SYSTEM
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 349+00.00 OFF -147.47
 12" S INV OUT: 971.48
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 349+00.00 OFF -147.47
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 12" S INV OUT: 971.41

STATE SYSTEM
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 349+00.00 OFF -147.47
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 12" S INV OUT: 971.41

STATE SYSTEM
 71
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 12" S INV OUT: 971.41

STATE SYSTEM
 72
 349+00.00 OFF -147.47
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 12" S INV OUT: 971.41

STATE SYSTEM
 73
 349+00.00 OFF -147.47
 12" S INV OUT: 971.48
 12" S INV OUT: 971.41

STATE SYSTEM
 74
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 12" S INV OUT: 971.48
 12" S INV OUT: 971.41

STATE SYSTEM
 75
 349+00.00 OFF -147.47
 12" S INV OUT: 971.48
 12" S INV OUT: 971.41

STATE SYSTEM
 76
 349+00.00 OFF -147.47
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STATE SYSTEM
 77
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STATE SYSTEM
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STATE SYSTEM
 80
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STATE SYSTEM
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STATE SYSTEM
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STATE SYSTEM
 83
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STATE SYSTEM
 84
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STATE SYSTEM
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STATE SYSTEM
 86
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 12" S INV OUT: 971.41

STATE SYSTEM
 87
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 12" S INV OUT: 971.48
 12" S INV OUT: 971.41

STATE SYSTEM
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STATE SYSTEM
 89
 349+00.00 OFF -147.47
 12" S INV OUT: 971.48
 12" S INV OUT: 971.41

STATE SYSTEM
 90
 349+00.00 OFF -147.47
 12" S INV OUT: 971.48
 12" S INV OUT: 971.41

STATE SYSTEM
 91
 349+00.00 OFF -147.47
 12" S INV OUT: 971.48
 12" S INV OUT: 971.41

STATE SYSTEM
 92
 349+00.00 OFF -147.47
 12" S INV OUT: 971.48
 12" S INV OUT: 971.41

STATE SYSTEM
 93
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 12" S INV OUT: 971.48
 12" S INV OUT: 971.41

STATE SYSTEM
 94
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 12" S INV OUT: 971.48
 12" S INV OUT: 971.41

STATE SYSTEM
 95
 349+00.00 OFF -147.47
 12" S INV OUT: 971.48
 12" S INV OUT: 971.41

STATE SYSTEM
 96
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 12" S INV OUT: 971.48
 12" S INV OUT: 971.41

STATE SYSTEM
 97
 349+00.00 OFF -147.47
 12" S INV OUT: 971.48
 12" S INV OUT: 971.41

STATE SYSTEM
 98
 349+00.00 OFF -147.47
 12" S INV OUT: 971.48
 12" S INV OUT: 971.41

STATE SYSTEM
 99
 349+00.00 OFF -147.47
 12" S INV OUT: 971.48
 12" S INV OUT: 971.41

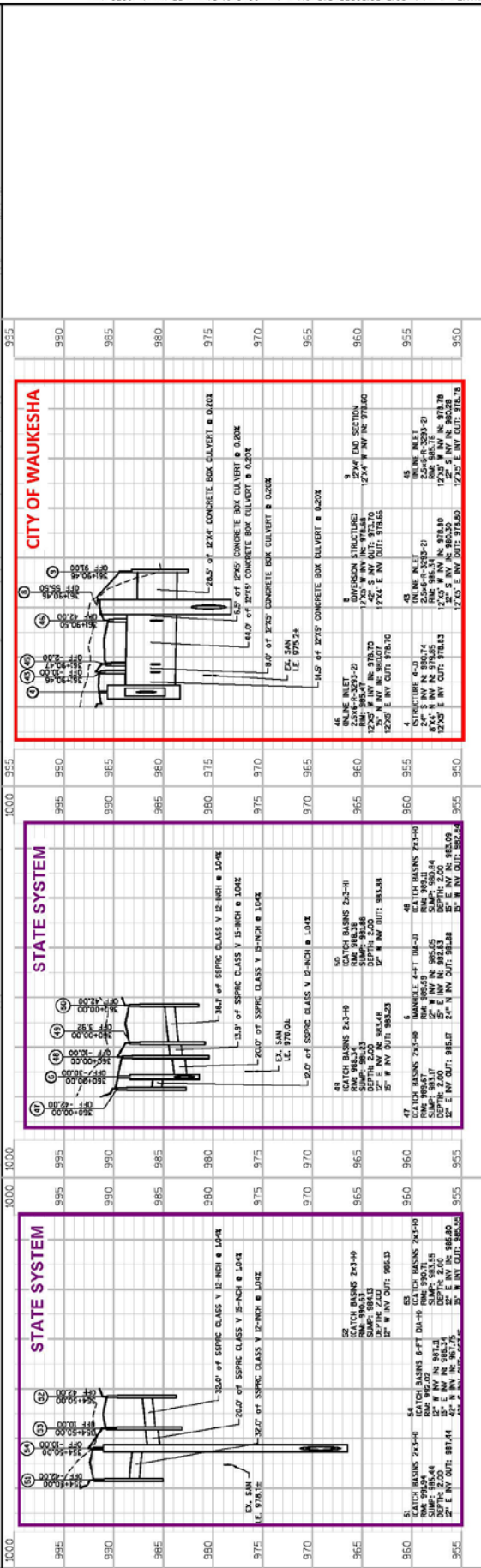
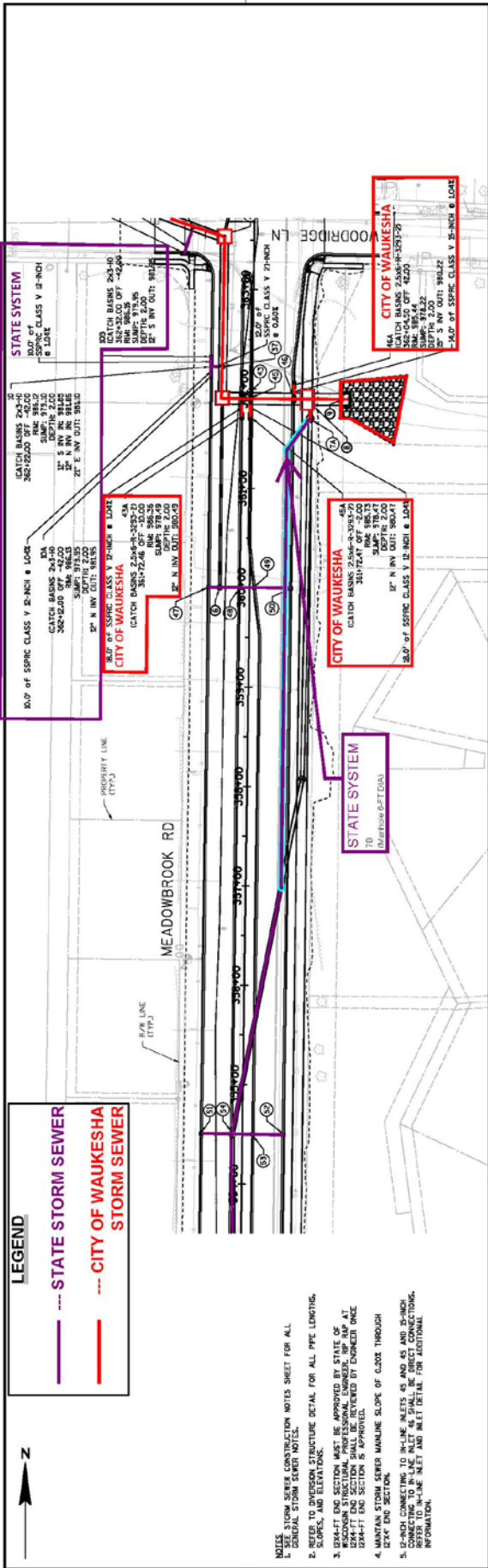
CITY OF WAUKESHA
 DEPARTMENT OF PUBLIC WORKS

MEADOWBROOK ROAD STORM SEWER LEADS

APPROVED: _____ DATE: _____
 DRAWN BY: _____ CHECKED BY: _____

PILOT SCALE: 1:1 IN. = 100 FT.
 PILOT DATE: 1/27/2016 11:15 AM

SHEET NO. 44
 PROJECT NO.: 2015-0235



CITY OF WAUKESHA
DEPARTMENT OF PUBLIC WORKS

MEADOWBROOK ROAD
STORM SEWER LEADS

APPROVED: _____ DATE: _____

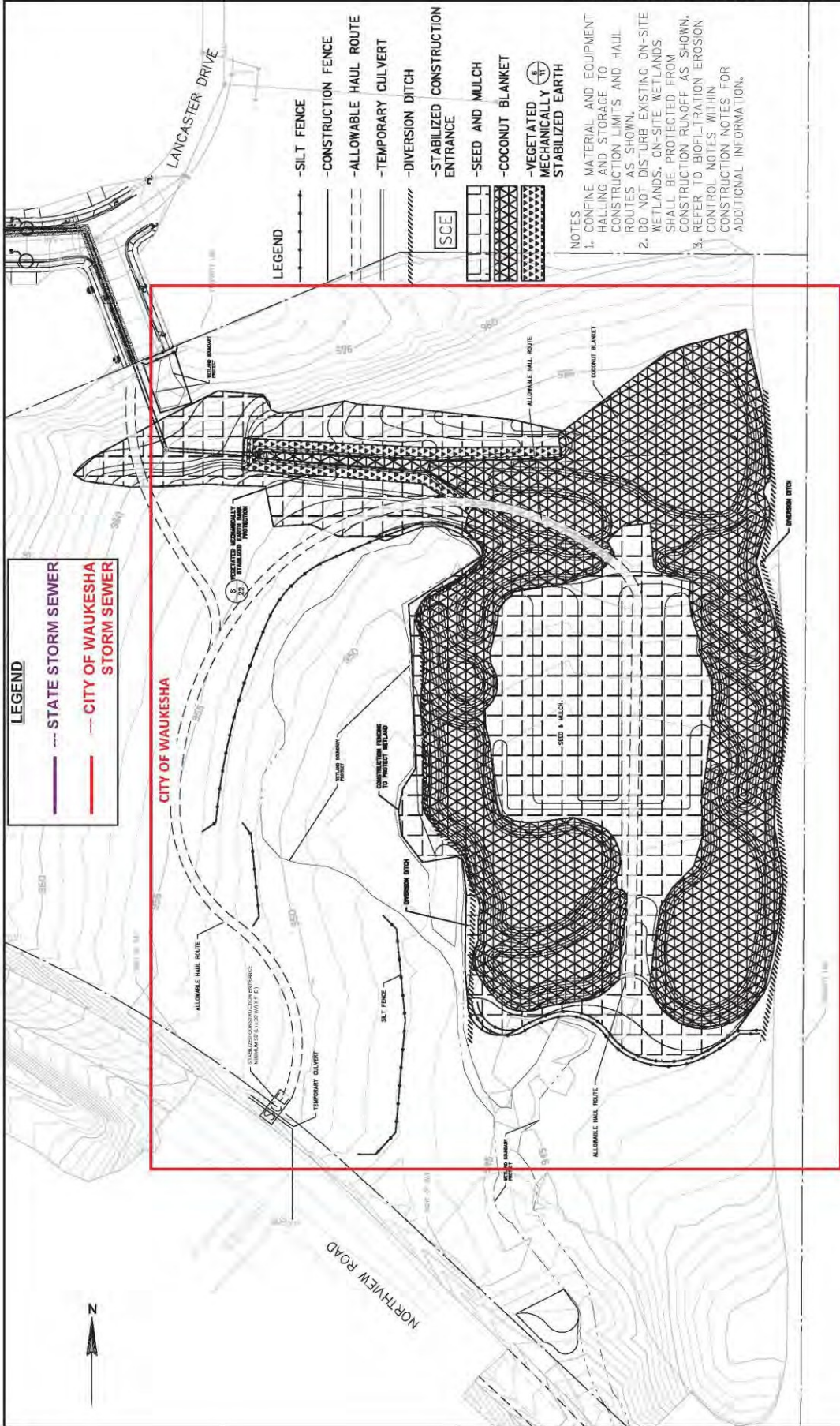
DRAWN BY: _____ CHECKED BY: _____

PLOT SCALE: 1/2" = 100' FT

PLOT DATE: 1/27/2016 11:16 AM

SHEET NO. 45

E



LEGEND

--- STATE STORM SEWER

--- CITY OF WAUKESHA STORM SEWER

LEGEND

- SILT FENCE

- CONSTRUCTION FENCE

- ALLOWABLE HAUL ROUTE

- TEMPORARY CULVERT

- DIVERSION DITCH

- STABILIZED CONSTRUCTION ENTRANCE

- SEED AND MULCH

- COCONUT BLANKET

- VEGETATED MECHANICALLY STABILIZED EARTH

SCE

NOTES

1. CONFINE MATERIAL AND EQUIPMENT HAULING AND STORAGE TO CONSTRUCTION LIMITS AND HAUL ROUTES AS SHOWN.

2. DO NOT DISTURB EXISTING ON-SITE WETLANDS. ON-SITE WETLANDS SHALL BE PROTECTED FROM CONSTRUCTION RUNOFF AS SHOWN. REFER TO BIOFILTRATION EROSION CONTROL NOTES WITHIN CONSTRUCTION NOTES FOR ADDITIONAL INFORMATION.

