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DATE: Jun 27, 2023 4:30pm XREFS: USER: rscultu



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77301 West 133rd Street, Suite 200  
Overland Park, KS 66213-4750  
TEL 913.381.1170  
FAX 913.381.1174  
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






















PE Stamp & Approval  
CLARENCE R. GASTINEAU  
MO. NO. PE-2008025102

COVER SHEET	
SUPPORT SERVICES NORTH RING NETWORK EXTENSION	
PARKVILLE, MO	2023

drawn by: \_\_\_\_\_ SPM  
checked by: \_\_\_\_\_ DAH  
approved by: \_\_\_\_\_ CRG  
project no.: \_\_\_\_\_ project no.: \_\_\_\_\_  
drawing no.: \_\_\_\_\_  
date: 6/27/2023

SHEET  
1 OF 35

LEGEND-KEY

	UTILITY POLE		GAS
	UTILITY MANHOLE		WATER
	UTILITY HANDHOLE		TELEPHONE
	TELEPHONE PED – CROSS BOX		ELECTRIC
	EXISTING MANHOLE		SANITARY SEWER (SEW)
	EXISTING HANDHOLE		STORM SEWER
	EXISTING COIL		FENCE
	EXISTING AERIAL COIL		CABLE TV
	EXISTING DOWN GUY		STEAM
	EXISTING SPLICE POINT		OIL
	TREE		UNKNOWN UTILITY
	PROPOSED MANHOLE		RIGHT OF WAY
	PROPOSED HANDHOLE		EDGE OF PAVEMENT
	PROPOSED COIL		UTILITY EASEMENT
	PROPOSED AERIAL COIL		MODOT UTILITY CORRIDOR
	PROPOSED DOWN GUY		EXISTING CONDUIT
	PROPOSED SPLICE POINT		EXISTING AERIAL FIBER
	PROPOSED FIBER DISTRIBUTION PANEL		EXISTING STRAND
	PROPOSED BORE PIT		PROPOSED CONDUIT
	PROPOSED PULL BOX		PROPOSED AERIAL FIBER
	PROPOSED RUNNING LINE		PROPOSED STRAND
	FLOW LINE		
	FIBER OPTIC CABLE		
	EDGE OF PAVEMENT		
	CUT & RESTORE CONC./ASPH.		
	INLET		
	INLET GRATE		

1. CONTRACTOR MUST OBTAIN LOCATES PRIOR TO ANY TYPE OF EXCAVATION.

2. CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE NECESSARY REQUIRED PERMITS PERTAINING TO ALL ASPECTS OF THE PROJECT AND MUST HAVE THE APPROPRIATE PERMITS AT THE JOB SITE.

3. ALL CABLE WILL BE PLACED AT STANDARD MINIMUM DEPTH OF 36" IN UNPAVED AREAS AND 48" MINIMUM BELOW STREETS AT ALL TIMES, UNLESS OTHERWISE NOTED IN THE PLANS.

4. ANY LANDSCAPING WILL BE REPLACED TO EQUAL OR BETTER THAN THAT WHICH EXISTED PRIOR TO WORK.

5. PROJECT SITE WILL BE PROPERLY SECURED PRIOR TO THE END OF EACH DAY.

6. ALL WORK IS TO BE IN ACCORDANCE WITH AUTHORITIES HAVING JURISDICTION IN THE WORK ZONE.

7. CONTRACTORS ARE ADVISED TO CONTACT PHSD FOR ANY ADDITIONAL INFORMATION OR CLARIFICATION CONCERNING SCOPE OF WORK OR THE REQUIREMENTS NECESSARY FOR PROJECT COMPLETION.

8. ANY FIELD ADJUSTMENTS TO THE PROPOSED PLAN MUST BE APPROVED BY AN APPROPRIATE PHSD REPRESENTATIVE.

9. BEFORE CONSTRUCTION BEGINS, CONTRACTOR SHALL TAKE THE APPROPRIATE PRECAUTIONS TO AVOID ANY POTENTIAL OBSTRUCTIONS PRIOR TO PROCEEDING WITH WORK.

10. OLSSON ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS (HORIZONTAL OR VERTICAL) OR RIGHT-OF-WAY LOCATION. THE EXISTING UTILITIES AND RIGHT-OF-WAY SHOWN ON THESE PLANS HAVE BEEN PLOTTED FROM THE BEST INFORMATION AVAILABLE. IT IS HOWEVER, THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE LOCATION OF ALL UTILITIES AND RIGHT-OF-WAY PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION.

11. MODOT: OLSSON ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS (HORIZONTAL OR VERTICAL) OR RIGHT-OF-WAY PLACEMENT. THE EXISTING UTILITIES AND RIGHT-OF-WAY SHOWN ON THESE PLANS HAVE BEEN PLOTTED FROM THE BEST INFORMATION AVAILABLE. IT IS HOWEVER , THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE LOCATION OF ALL UTILITIES AND RIGHT-OF-WAY PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. MODOT REQUIRES UTILITIES TO BE PLACED IN THE LAST 6' OF THEIR RIGHT-OF-WAY IN THE "UTILITY COORIDOR" IN HDPE CONDUIT RUNNING PARALLEL AT A 30" MINIMUM DEPTH AND PERPENDICULAR CROSSINGS AT A 72" MINIMUM DEPTH. PERPENDICULAR CROSSINGS MAY BE PLACED AT A 48" MINIMUM DEPTH IF PLACED IN STEEL CONDUIT.



oslo/

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**E Stamp & Approval**  
CLARENCE R. GASTINEAU  
MO. NO. PE-2008025192

[illegible]

## GENERAL NOTES/LEGEND

## SUPPORT SERVICES NORTH RING NETWORK EXTENSION

PARKVILLE, MO	2023
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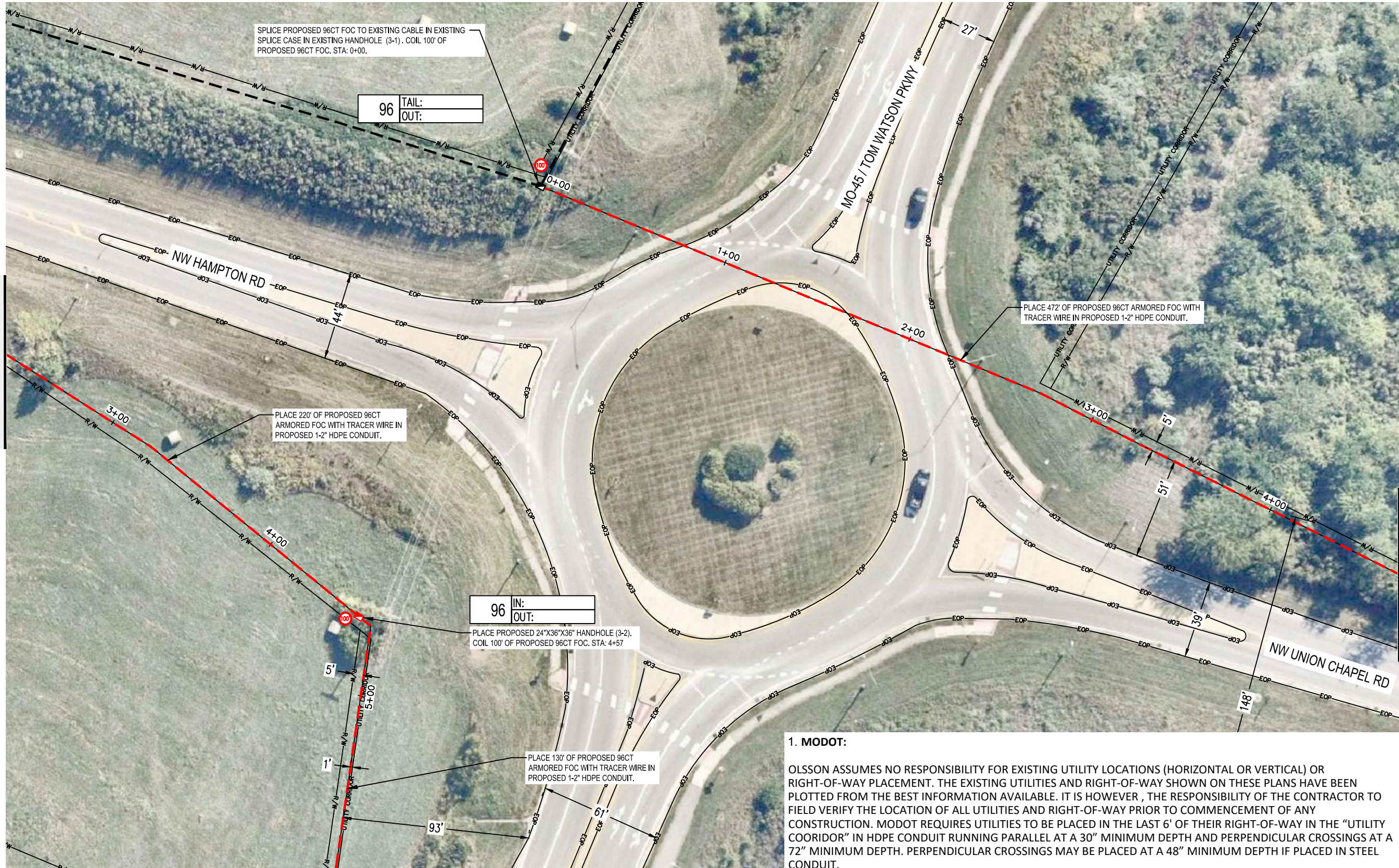
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Checked by: \_\_\_\_\_ DAH  
Approved by: \_\_\_\_\_ CRG  
Project no.: \_\_\_\_\_ project no.: \_\_\_\_\_  
Drawing no.: \_\_\_\_\_  
Date: 6/27/2023

SHEET  
2 OF 35



DWG: F:\projects\015-1955-d\40-design\AutoCAD\final plans\Network Extension Final 1.dwg USER: rschultz  
DATE: Jun 27, 2023 4:30pm XREFS: Alignment Sheets D15-1955\_MO\_GISMS S-Route Alignment N-Route Alignment D15-1955\_NetExt\_ROW

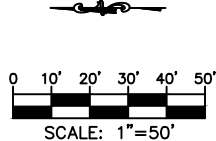
MATCH TO SHEET 13



SHEET QUANTITIES			
ITEM	ITEM DESCRIPTION	UNITS	QUANTITY
1.	SUPPLY & INSTALL 1-2" HDPE DUCT	LF	822
2.	SUPPLY & INSTALL TRACER WIRE	LF	822
3.	INSTALL 96CT ARMORED FIBER OPTIC CABLE - UNDERGROUND	LF	1022
4.	SUPPLY & INSTALL UNDERGROUND SPLICE ENCLOSURE	EACH	1
5.	SUPPLY & INSTALL 24"x36"x36" HANDHOLE	EACH	1

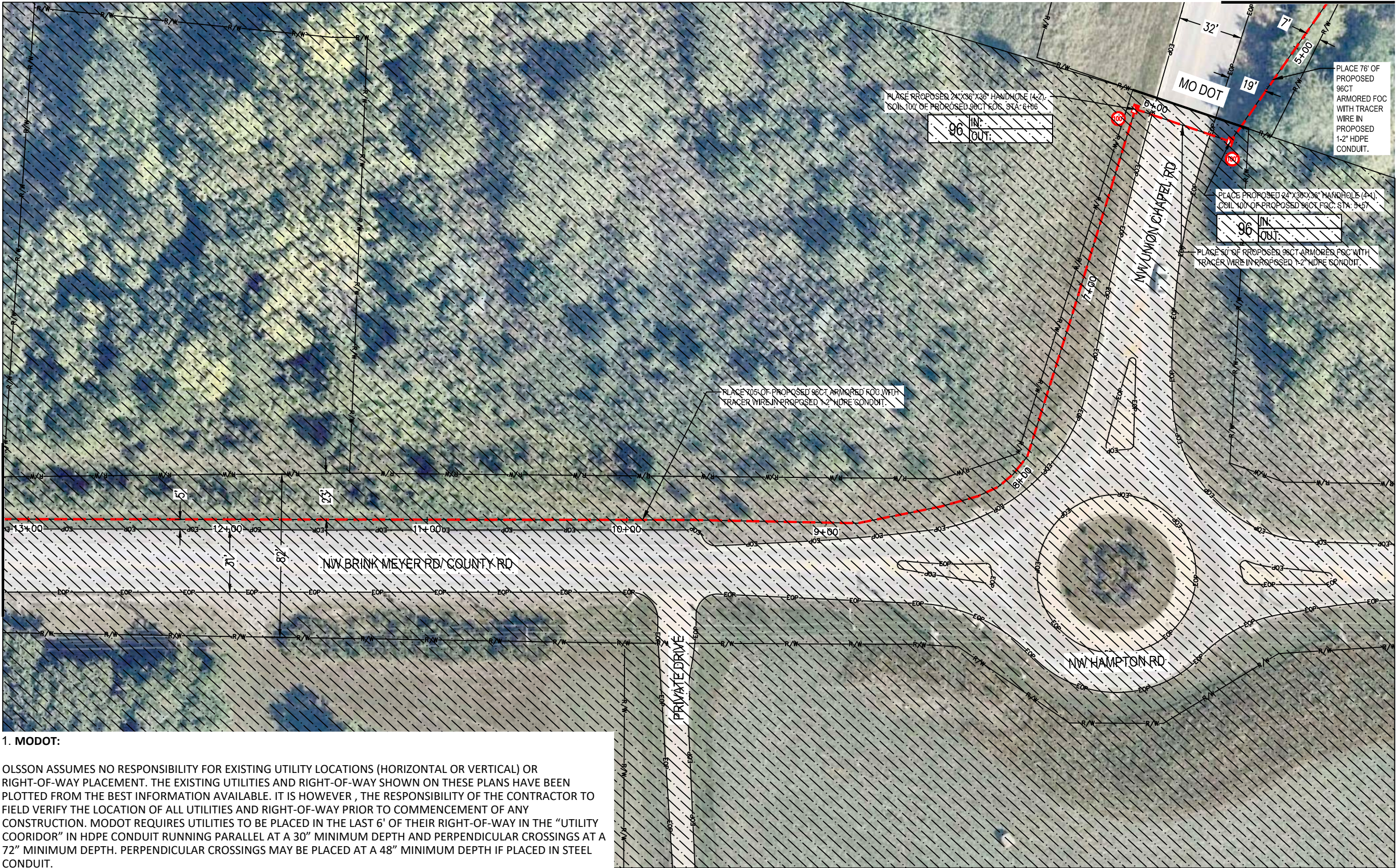
**1. MODOT:**

OLSSON ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS (HORIZONTAL OR VERTICAL) OR RIGHT-OF-WAY PLACEMENT. THE EXISTING UTILITIES AND RIGHT-OF-WAY SHOWN ON THESE PLANS HAVE BEEN PLOTTED FROM THE BEST INFORMATION AVAILABLE. IT IS HOWEVER, THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE LOCATION OF ALL UTILITIES AND RIGHT-OF-WAY PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. MODOT REQUIRES UTILITIES TO BE PLACED IN THE LAST 6' OF THEIR RIGHT-OF-WAY IN THE "UTILITY COORIDOR" IN HDPE CONDUIT RUNNING PARALLEL AT A 30" MINIMUM DEPTH AND PERPENDICULAR CROSSINGS AT A 72" MINIMUM DEPTH. PERPENDICULAR CROSSINGS MAY BE PLACED AT A 48" MINIMUM DEPTH IF PLACED IN STEEL CONDUIT.

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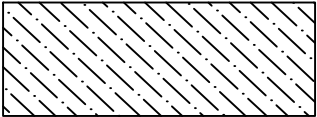
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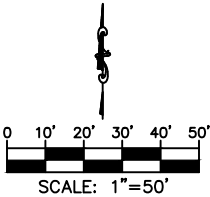
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SHEET QUANTITIES			
ITEM	ITEM DESCRIPTION	UNITS	QUANTITY
1.	SUPPLY & INSTALL 1-2" HDPE DUCT	LF	76
2.	SUPPLY & INSTALL TRACER WIRE	LF	76
3.	INSTALL 96CT ARMORED FIBER OPTIC CABLE - UNDERGROUND	LF	76



HATCH AREA IS PART OF UG PERMIT #1



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PE Stamp & Approval

REV.	NO.	DATE	REVISIONS DESCRIPTION

PROJECT SHEET

SUPPORT SERVICES NORTH RING NETWORK EXTENSION

PARKVILLE, MO

2023

drawn by: CAS  
checked by: JMC  
approved by: ENG  
project no.:  
drawing no.:

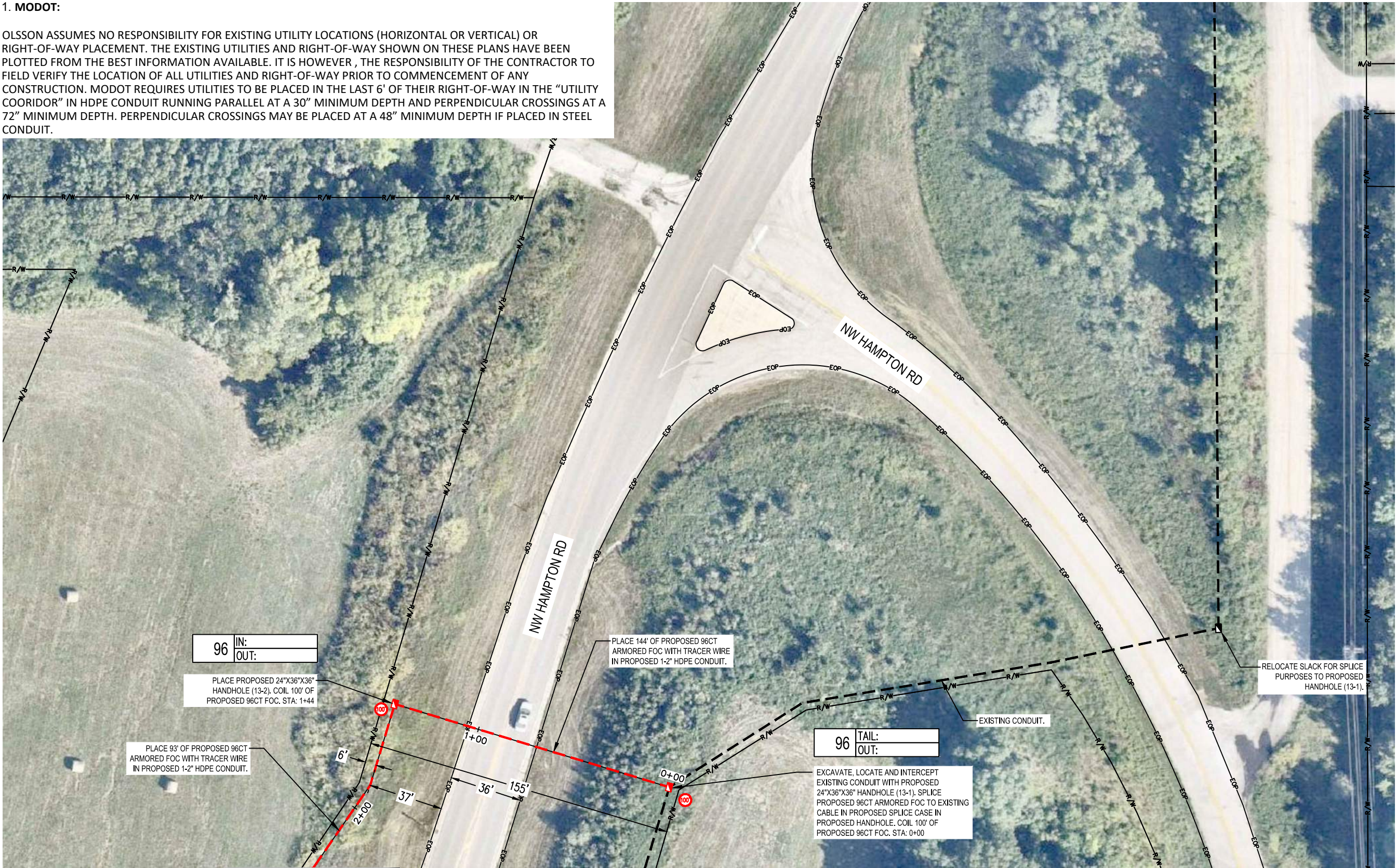
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4 of 35



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D15-1955\_MO\_GISMS  
N-Route Alignment  
S-Route Alignment  
NetExt\_Base\_2  
D15-1955\_NetExt\_ROW

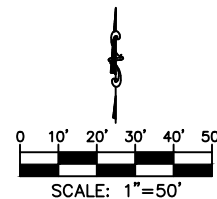
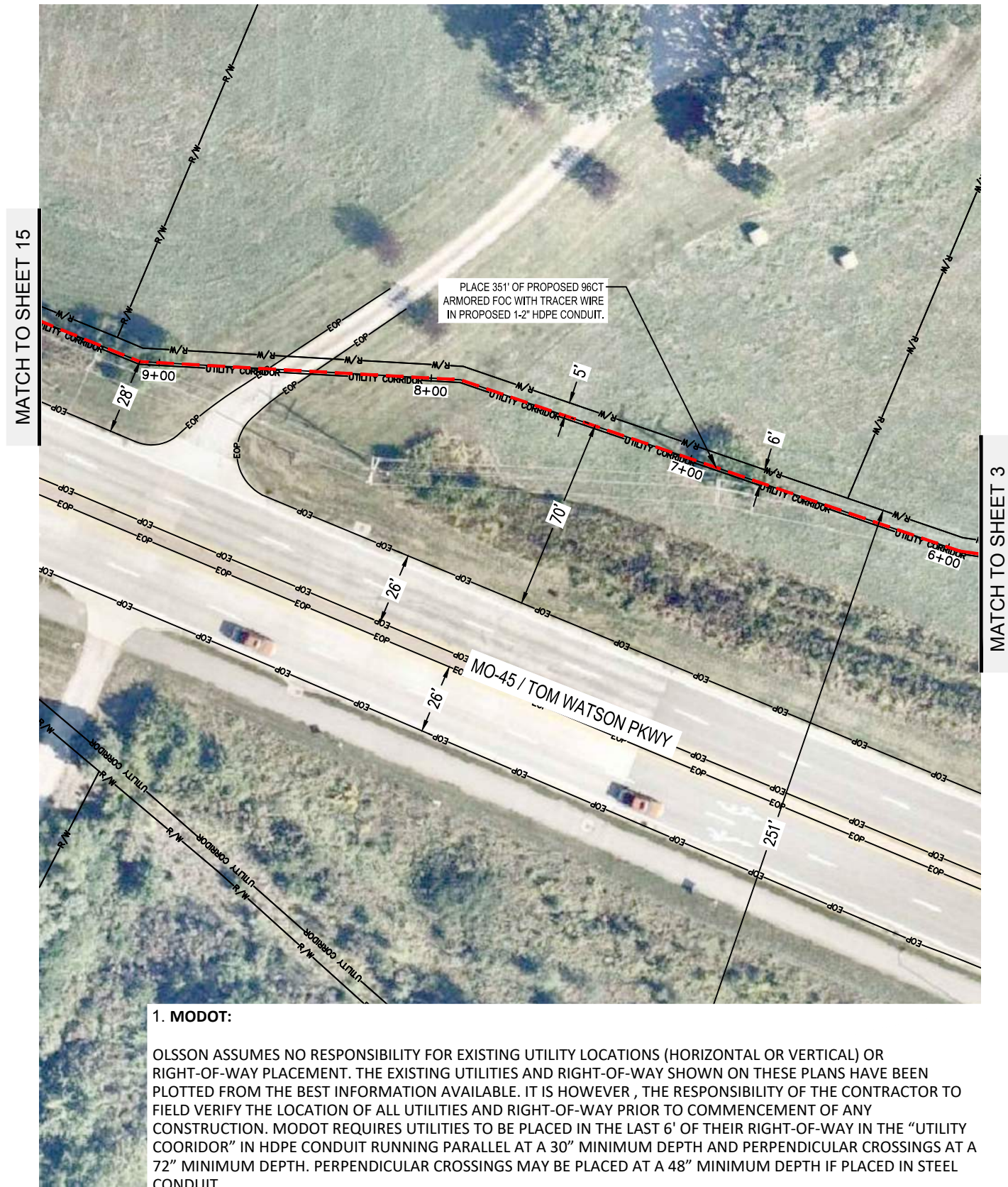
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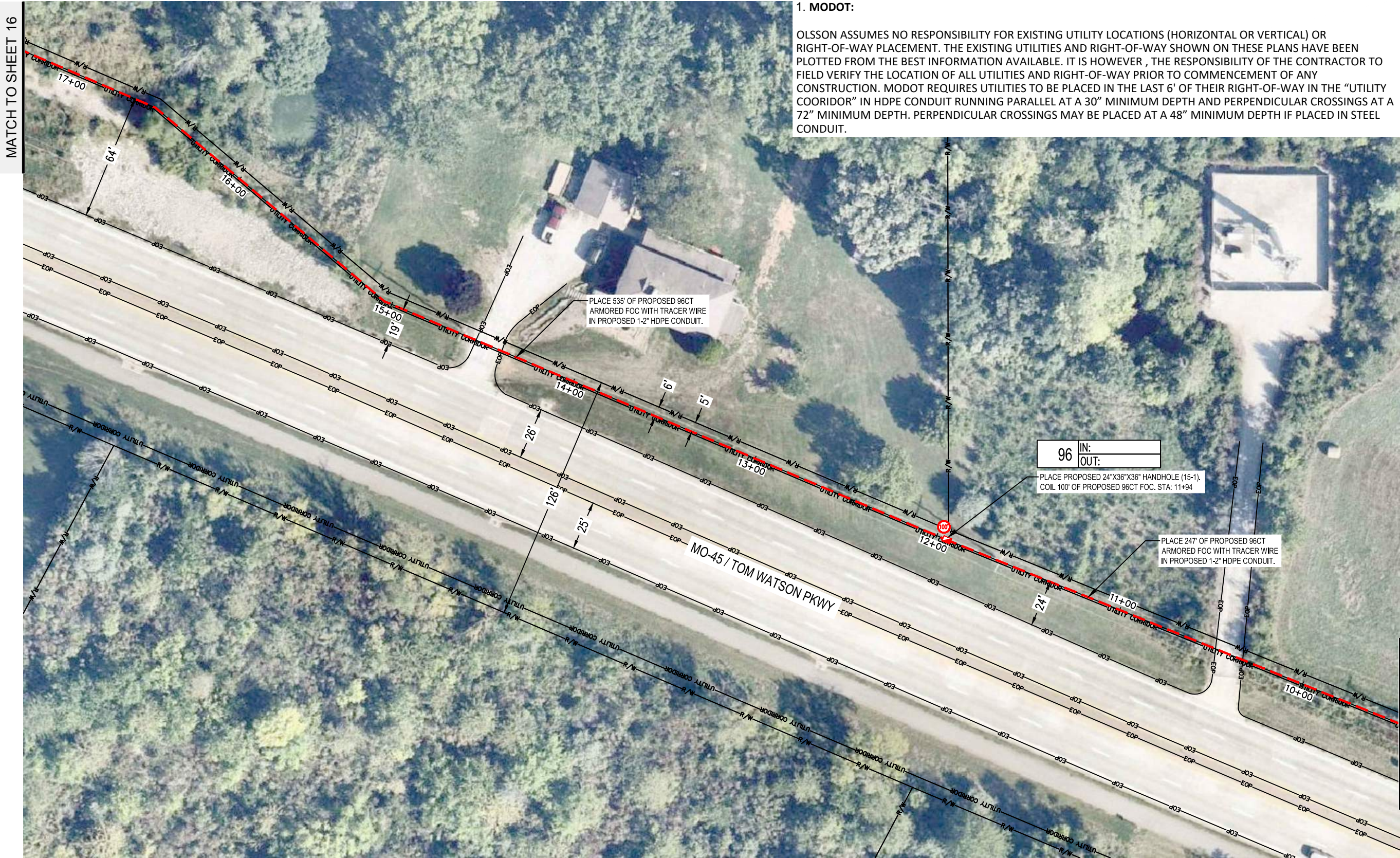


SHEET QUANTITIES			
ITEM	ITEM DESCRIPTION	UNITS	QUANTITY
1.	SUPPLY & INSTALL 1-2" HDPE DUCT	LF	351
2.	SUPPLY & INSTALL TRACER WIRE	LF	351
3.	INSTALL 96CT ARMORED FIBER OPTIC CABLE - UNDERGROUND	LF	351





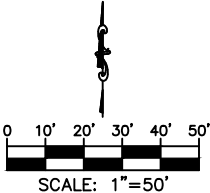
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DATE: Jun 27, 2023 4:30pm XREFS: Alignment Sheets NetExt\_Base\_1 D15-1955\_MO\_GISMS N-Route Alignment S-Route Alignment NetExt\_Base\_2 D15-1955\_NetExt\_ROW



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SHEET QUANTITIES			
ITEM	ITEM DESCRIPTION	UNITS	QUANTITY
1.	SUPPLY & INSTALL 1-2" HDPE DUCT	LF	782
2.	SUPPLY & INSTALL TRACER WIRE	LF	782
3.	SUPPLY & INSTALL 24"x36"x36" HANDHOLE	EACH	1
4.	INSTALL 96CT ARMORED FIBER OPTIC CABLE - UNDERGROUND	LF	882



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PE Stamp & Approval

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PROJECT SHEET

SUPPORT SERVICES NORTH RING  
NETWORK EXTENSION

PARKVILLE, MO

2023

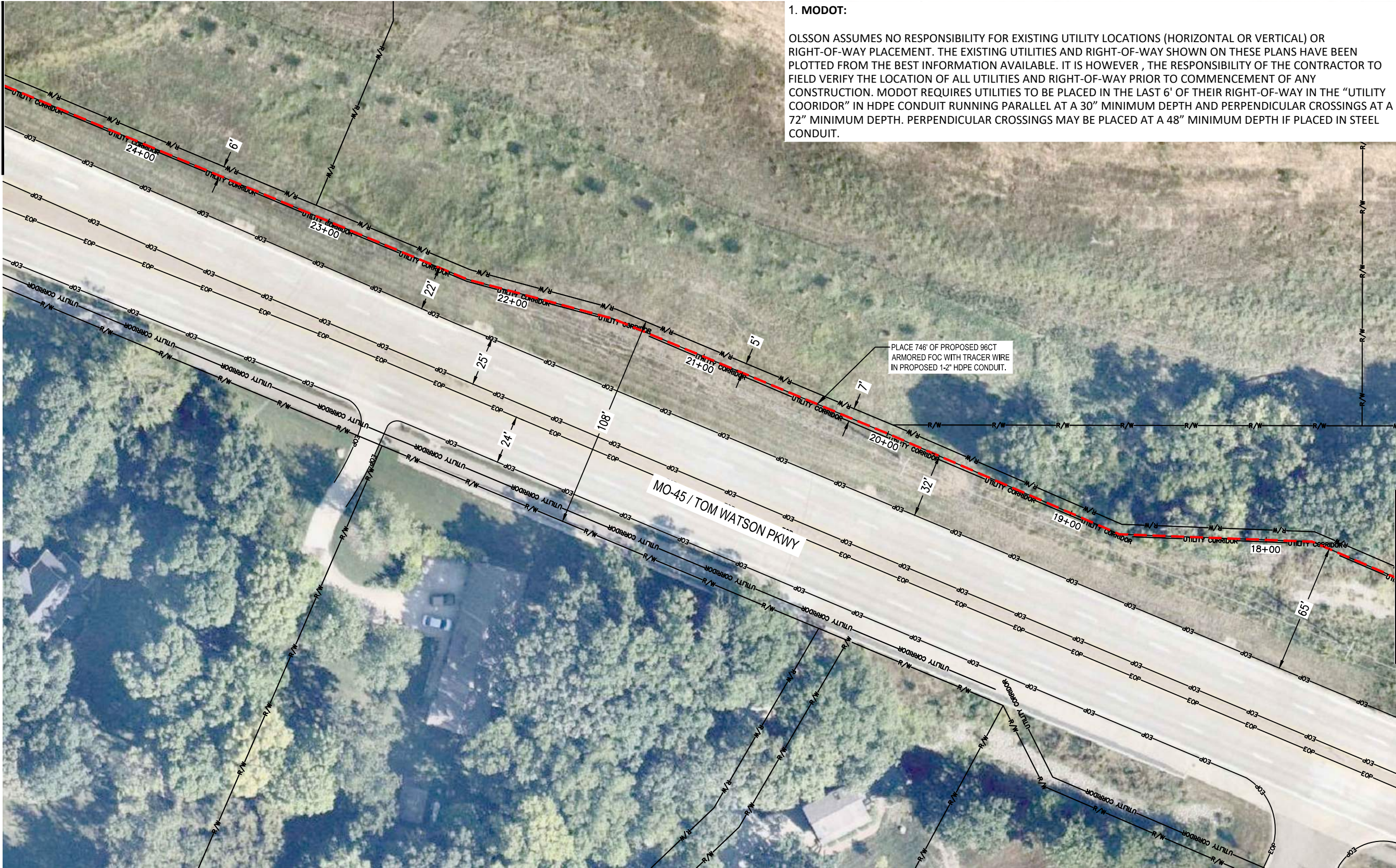
drawn by: CAS  
checked by: JMC  
approved by: ENG  
project no.:  
drawing no.:

SHEET  
15 of 35



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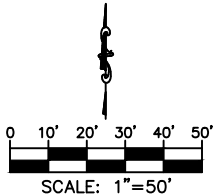
MATCH TO SHEET 17



1. MODOT:

OLSSON ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS (HORIZONTAL OR VERTICAL) OR RIGHT-OF-WAY PLACEMENT. THE EXISTING UTILITIES AND RIGHT-OF-WAY SHOWN ON THESE PLANS HAVE BEEN PLOTTED FROM THE BEST INFORMATION AVAILABLE. IT IS HOWEVER , THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE LOCATION OF ALL UTILITIES AND RIGHT-OF-WAY PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. MODOT REQUIRES UTILITIES TO BE PLACED IN THE LAST 6' OF THEIR RIGHT-OF-WAY IN THE "UTILITY COORIDOR" IN HDPE CONDUIT RUNNING PARALLEL AT A 30" MINIMUM DEPTH AND PERPENDICULAR CROSSINGS AT A 72" MINIMUM DEPTH. PERPENDICULAR CROSSINGS MAY BE PLACED AT A 48" MINIMUM DEPTH IF PLACED IN STEEL CONDUIT.

SHEET QUANTITIES			
ITEM	ITEM DESCRIPTION	UNITS	QUANTITY
1.	SUPPLY & INSTALL 1-2" HDPE DUCT	LF	746
2.	SUPPLY & INSTALL TRACER WIRE	LF	746
3.	INSTALL 96CT ARMORED FIBER OPTIC CABLE - UNDERGROUND	LF	746



MATCH TO SHEET 15

PROJECT SHEET		REVISIONS	
		REV. NO.	DATE
SUPPORT SERVICES NORTH RING NETWORK EXTENSION			
PARKVILLE, MO		2023	

drawn by: CAS  
checked by: JMC  
approved by: ENG  
project no.:  
drawing no.:

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REVISIONS DESCRIPTION

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REV. NO.

PROJECT SHEET

SUPPORT SERVICES NORTH RING  
NETWORK EXTENSION

PARKVILLE, MO

2023

REVISIONS

olsson

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MATCH TO SHEET 18

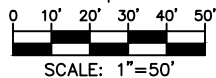
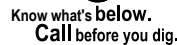


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**MATCH TO SHEET 16**

## SHEET QUANTITIES

ITEM	ITEM DESCRIPTION	UNITS	QUANTITY
1.	SUPPLY & INSTALL 1-2" HDPE DUCT	LF	909
2.	SUPPLY & INSTALL TRACER WIRE	LF	909
3.	SUPPLY & INSTALL 24"X36"X36" HANDHOLE	EACH	1
4.	INSTALL 96CT ARMORED FIBER OPTIC CABLE - UNDERGROUND	LF	1009



drawn by: \_\_\_\_\_ CAS  
checked by: \_\_\_\_\_ JMC  
approved by: \_\_\_\_\_ ENC

SHEET  
17 of 35

## SUPPORT SERVICES NORTH RING NETWORK EXTENSION

PARKVILLE, N.

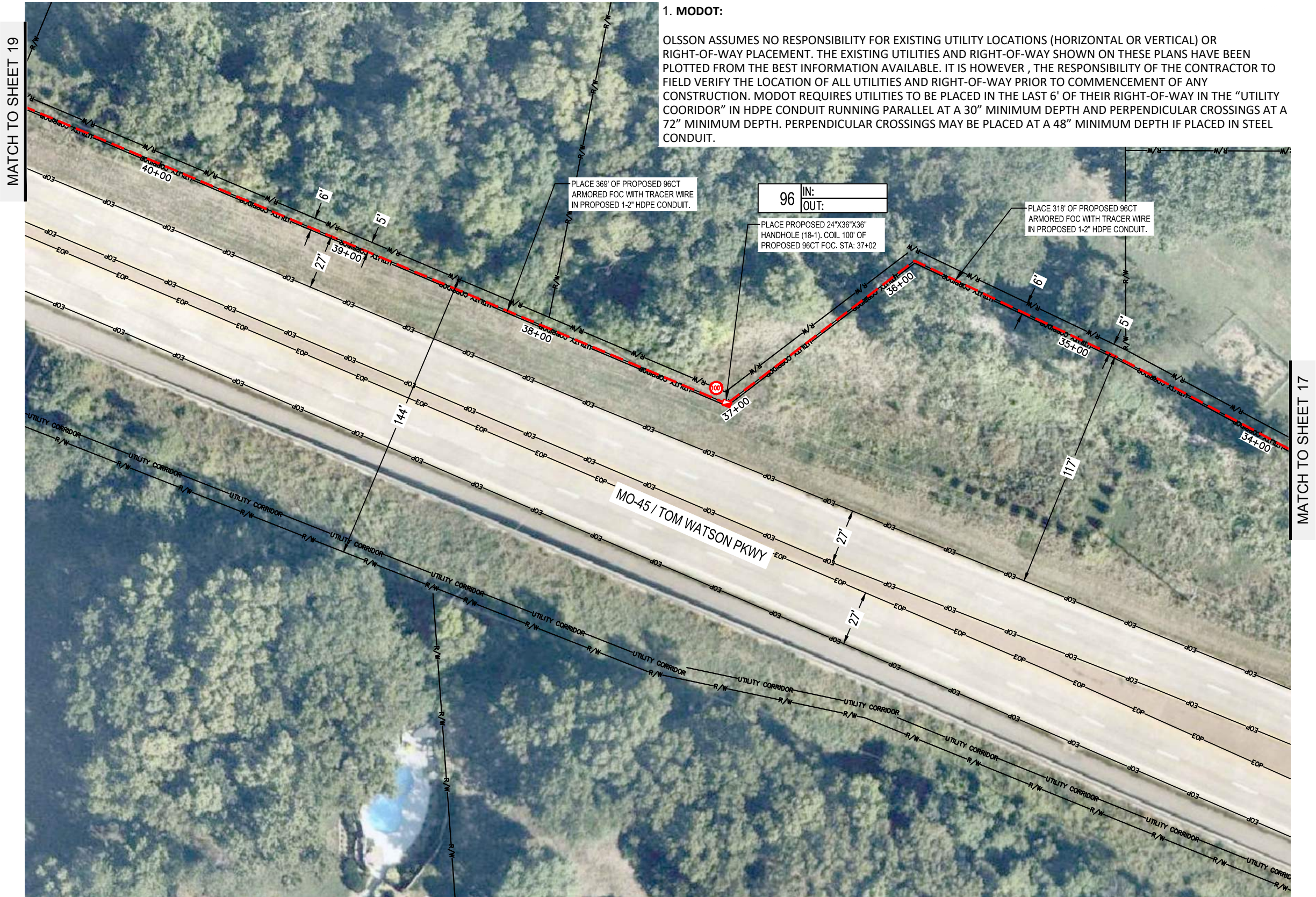
## REVISIONS DESCRIPTION

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Overland Park, KS 66213-4750





1. MODOT:

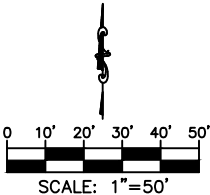
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PLACE 369' OF PROPOSED 96CT ARMORED FOC WITH TRACER WIRE IN PROPOSED 1-2" HDPE CONDUIT.

96 IN: OUT: PLACE PROPOSED 24"x36"x36" HANDHOLE (18-1). COIL 100' OF PROPOSED 96CT FOC. STA: 37+02

PLACE 318' OF PROPOSED 96CT ARMORED FOC WITH TRACER WIRE IN PROPOSED 1-2" HDPE CONDUIT.

SHEET QUANTITIES			
ITEM	ITEM DESCRIPTION	UNITS	QUANTITY
1.	SUPPLY & INSTALL 1-2" HDPE DUCT	LF	687
2.	SUPPLY & INSTALL TRACER WIRE	LF	687
3.	SUPPLY & INSTALL 24"x36"x36" HANDHOLE	EACH	1
4.	INSTALL 96CT ARMORED FIBER OPTIC CABLE - UNDERGROUND	LF	787



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PARKVILLE, MO

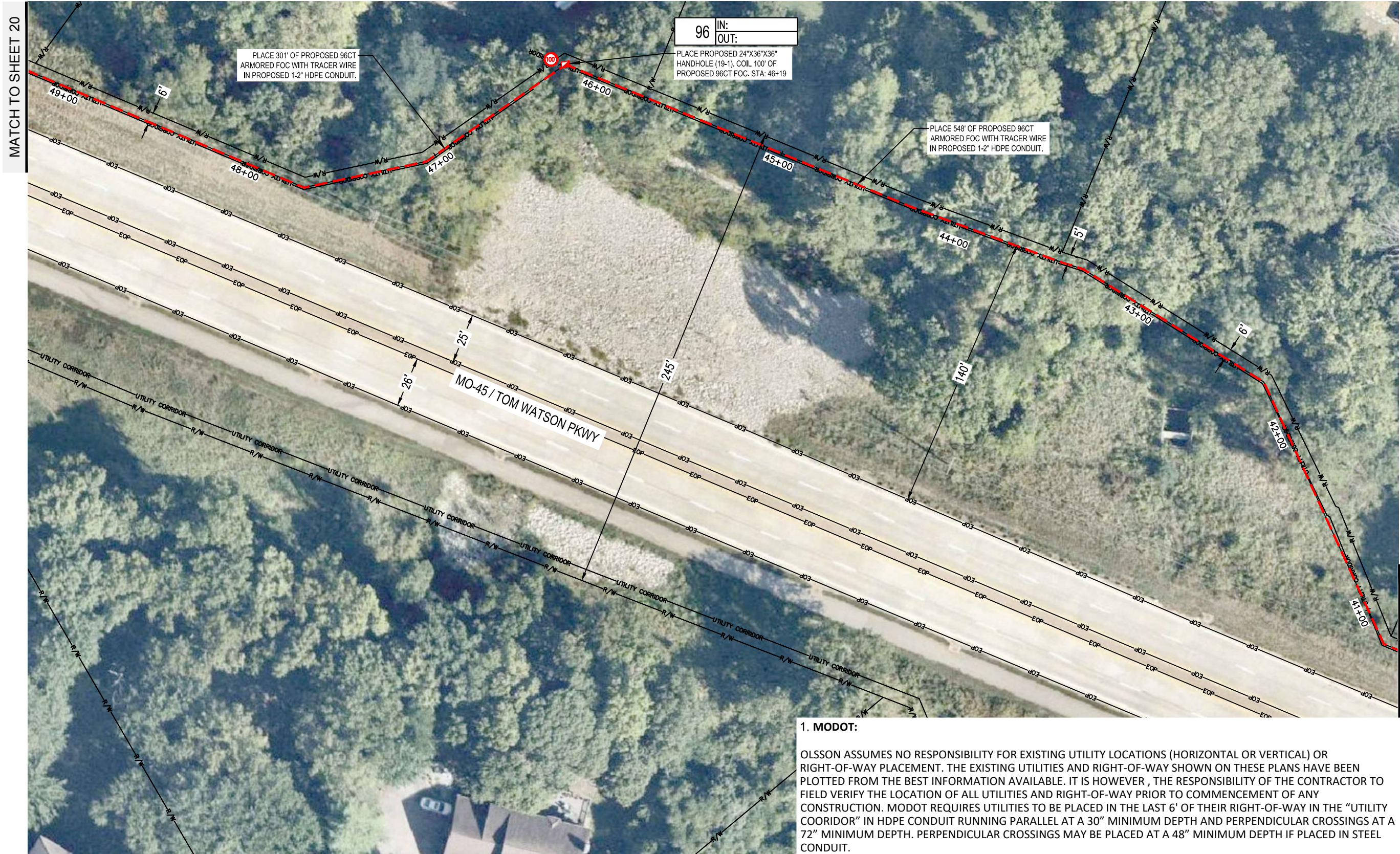
2023

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drawing no.:

SHEET  
18 of 35



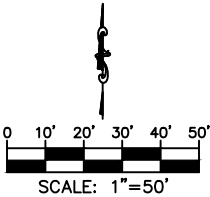
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NetExt\_Base\_2  
D15-1955\_NetExt\_ROW



SHEET QUANTITIES			
ITEM	ITEM DESCRIPTION	UNITS	QUANTITY
1.	SUPPLY & INSTALL 1-2" HDPE DUCT	LF	849
2.	SUPPLY & INSTALL TRACER WIRE	LF	849
3.	SUPPLY & INSTALL 24"x36"x36" HANDHOLE	EACH	1
4.	INSTALL 96CT ARMORED FIBER OPTIC CABLE - UNDERGROUND	LF	949

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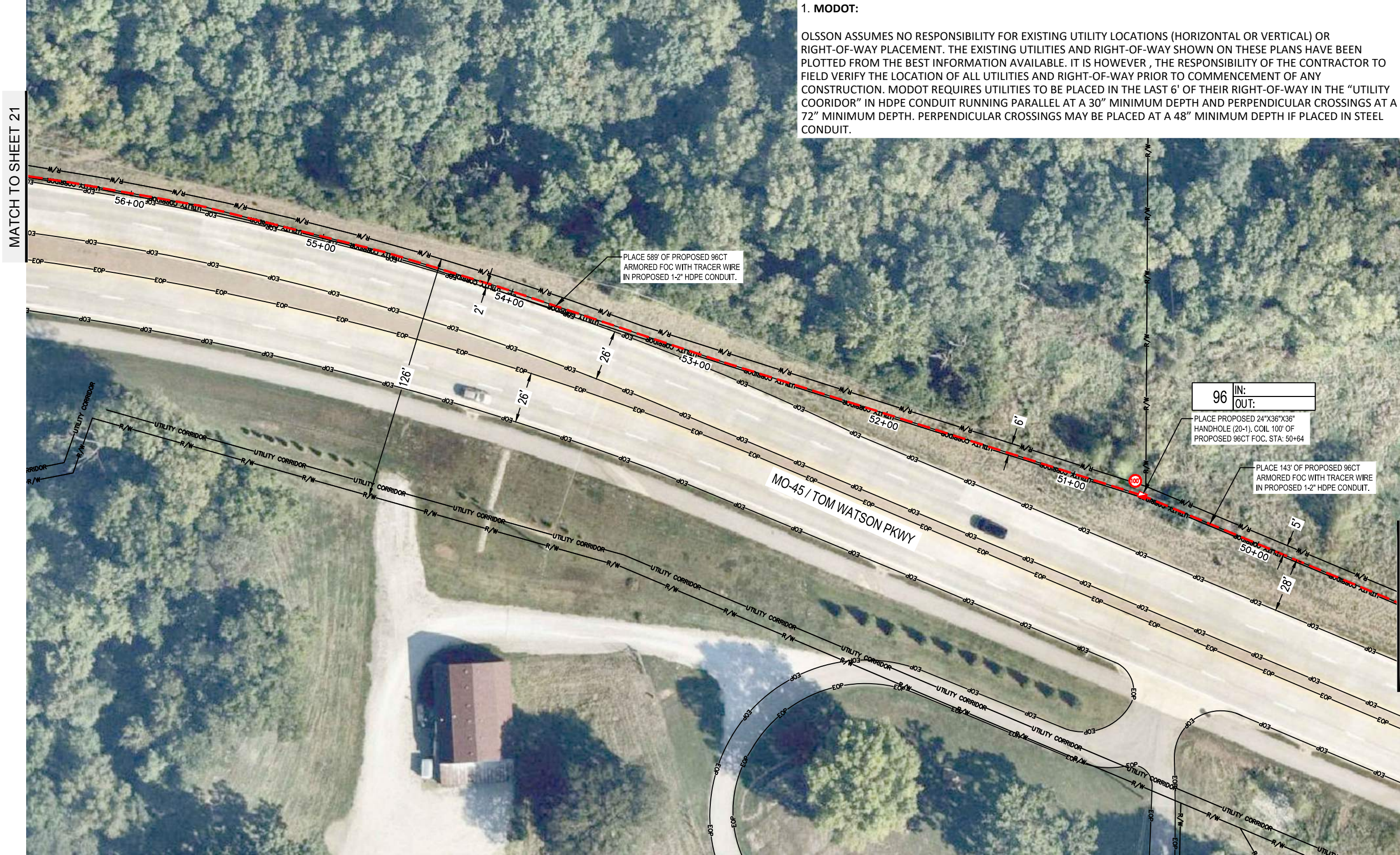
drawing no.:

SHEET

19 of 35



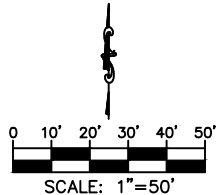
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DATE: Jun 27, 2023 4:31pm XREFs: Alignment Sheets NetExt\_Base\_1 D15-1955\_MO\_GISMS N-Route Alignment S-Route Alignment NetExt\_Base\_2 D15-1955\_NetExt\_ROW



1. MODOT:

OLSSON ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS (HORIZONTAL OR VERTICAL) OR RIGHT-OF-WAY PLACEMENT. THE EXISTING UTILITIES AND RIGHT-OF-WAY SHOWN ON THESE PLANS HAVE BEEN PLOTTED FROM THE BEST INFORMATION AVAILABLE. IT IS HOWEVER, THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE LOCATION OF ALL UTILITIES AND RIGHT-OF-WAY PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. MODOT REQUIRES UTILITIES TO BE PLACED IN THE LAST 6' OF THEIR RIGHT-OF-WAY IN THE "UTILITY COORIDOR" IN HDPE CONDUIT RUNNING PARALLEL AT A 30" MINIMUM DEPTH AND PERPENDICULAR CROSSINGS AT A 72" MINIMUM DEPTH. PERPENDICULAR CROSSINGS MAY BE PLACED AT A 48" MINIMUM DEPTH IF PLACED IN STEEL CONDUIT.

SHEET QUANTITIES			
ITEM	ITEM DESCRIPTION	UNITS	QUANTITY
1.	SUPPLY & INSTALL 1-2" HDPE DUCT	LF	732
2.	SUPPLY & INSTALL TRACER WIRE	LF	732
3.	SUPPLY & INSTALL 24"X36"X36" HANDHOLE	EACH	1
4.	INSTALL 96CT ARMORED FIBER OPTIC CABLE - UNDERGROUND	LF	832



7301 West 133rd Street, Suite 200  
Overland Park, KS 66213-4750  
TEL 913.381.1170 www.olsson.com

PE Stamp & Approval

REVISIONS

REV. NO.	DATE	REVISIONS DESCRIPTION

PROJECT SHEET

SUPPORT SERVICES NORTH RING  
NETWORK EXTENSION

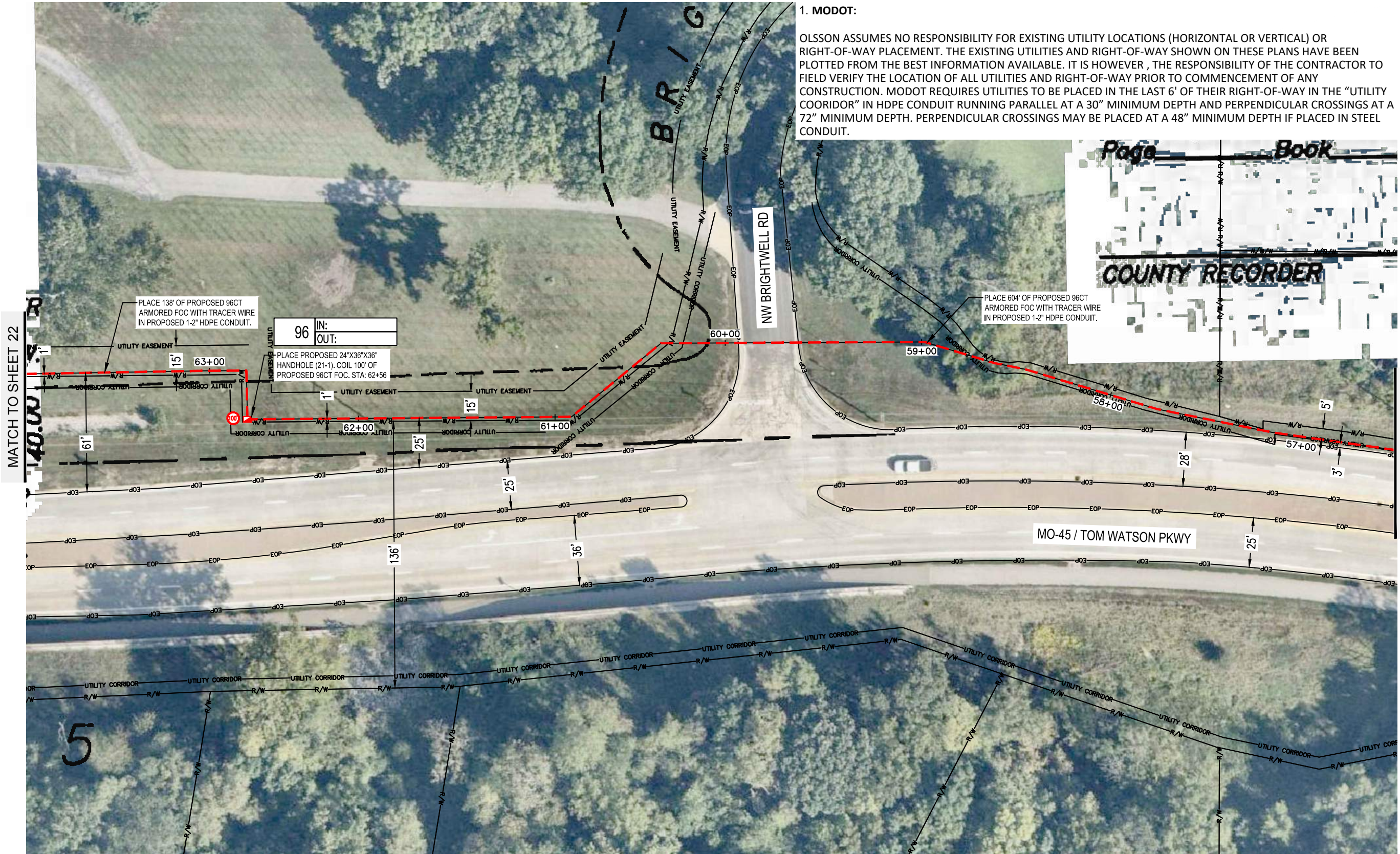
PARKVILLE, MO

2023

drawn by: CAS  
checked by: JMC  
approved by: ENG  
project no.:  
drawing no.:

SHEET  
20 of 35





1. MODOT:

OLSSON ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS (HORIZONTAL OR VERTICAL) OR RIGHT-OF-WAY PLACEMENT. THE EXISTING UTILITIES AND RIGHT-OF-WAY SHOWN ON THESE PLANS HAVE BEEN PLOTTED FROM THE BEST INFORMATION AVAILABLE. IT IS HOWEVER, THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE LOCATION OF ALL UTILITIES AND RIGHT-OF-WAY PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. MODOT REQUIRES UTILITIES TO BE PLACED IN THE LAST 6' OF THEIR RIGHT-OF-WAY IN THE "UTILITY COORIDOR" IN HDPE CONDUIT RUNNING PARALLEL AT A 30" MINIMUM DEPTH AND PERPENDICULAR CROSSINGS AT A 72" MINIMUM DEPTH. PERPENDICULAR CROSSINGS MAY BE PLACED AT A 48" MINIMUM DEPTH IF PLACED IN STEEL CONDUIT.

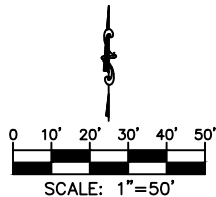


MATCH TO SHEET 22

MATCH TO SHEET 20

SHEET QUANTITIES

ITEM	ITEM DESCRIPTION	UNITS	QUANTITY
1.	SUPPLY & INSTALL 1-2" HDPE DUCT	LF	742
2.	SUPPLY & INSTALL TRACER WIRE	LF	742
3.	SUPPLY & INSTALL 24"X36"X36" HANDHOLE	EACH	1
4.	INSTALL 96CT ARMORED FIBER OPTIC CABLE - UNDERGROUND	LF	842



PROJECT SHEET

SUPPORT SERVICES NORTH RING  
NETWORK EXTENSION

PARKVILLE, MO

2023

REVISIONS DESCRIPTION

REV. NO.

DATE

REVISIONS

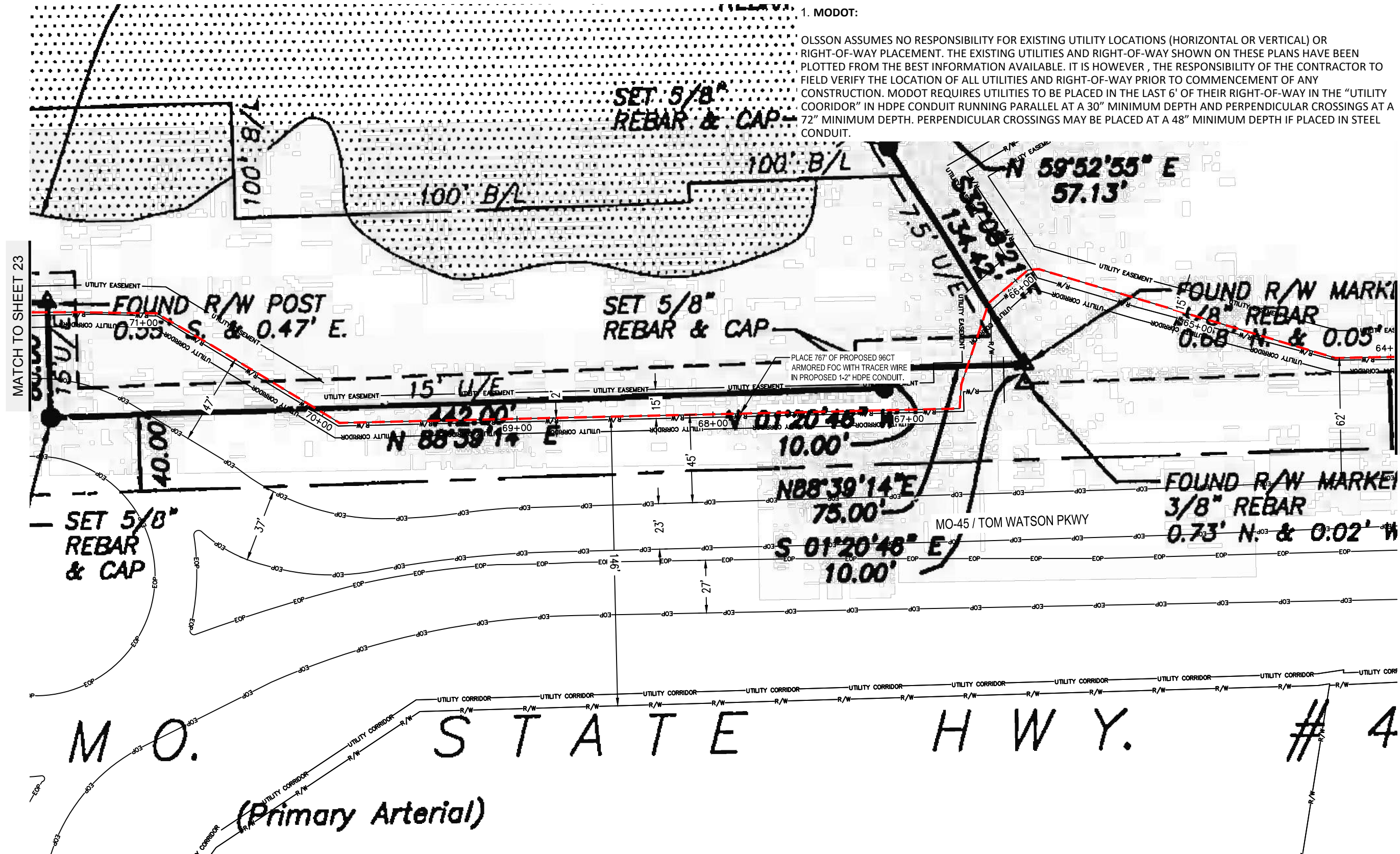
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SHEET  
21 of 35

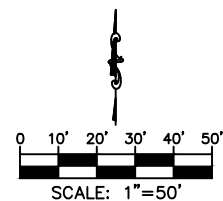




SHEET QUANTITIES			
ITEM	ITEM DESCRIPTION	UNITS	QUANTITY
1.	SUPPLY & INSTALL 1-2" HDPE DUCT	LF	767
2.	SUPPLY & INSTALL TRACER WIRE	LF	767
3.	INSTALL 96CT ARMORED FIBER OPTIC CABLE - UNDERGROUND	LF	767



Know what's **below**.  
**Call** before you dig.



## 1. MODOT:

OLSSON ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS (HORIZONTAL OR VERTICAL) OR RIGHT-OF-WAY PLACEMENT. THE EXISTING UTILITIES AND RIGHT-OF-WAY SHOWN ON THESE PLANS HAVE BEEN PLOTTED FROM THE BEST INFORMATION AVAILABLE. IT IS HOWEVER, THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE LOCATION OF ALL UTILITIES AND RIGHT-OF-WAY PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. MODOT REQUIRES UTILITIES TO BE PLACED IN THE LAST 6' OF THEIR RIGHT-OF-WAY IN THE "UTILITY COORIDOR" IN HDPE CONDUIT RUNNING PARALLEL AT A 30" MINIMUM DEPTH AND PERPENDICULAR CROSSINGS AT A 72" MINIMUM DEPTH. PERPENDICULAR CROSSINGS MAY BE PLACED AT A 48" MINIMUM DEPTH IF PLACED IN STEEL CONDUIT.

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	REV. NO.	DATE	REVISIONS DESCRIPTION
2023			REVISIONS

PROJECT SHEET

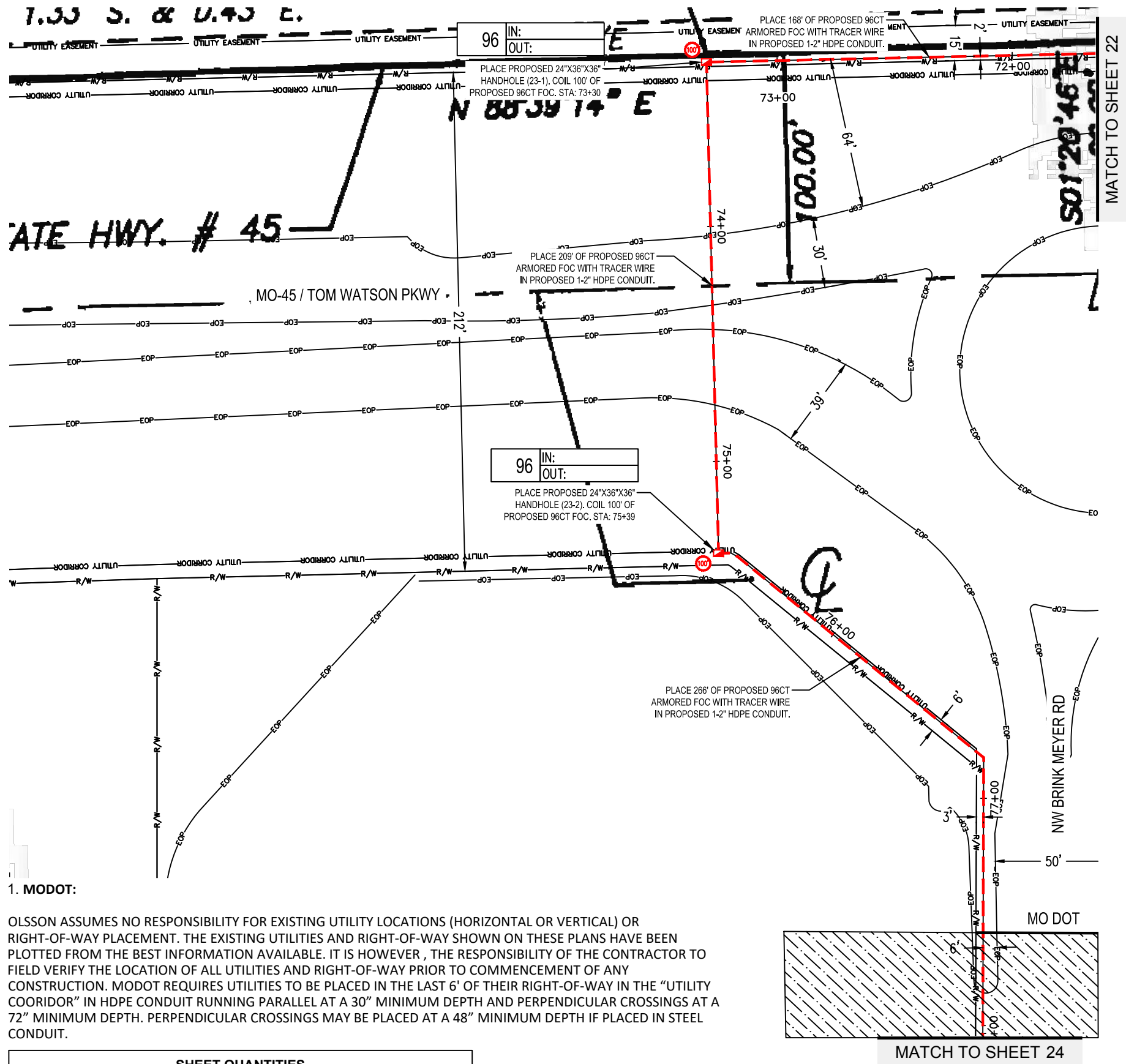
SUPPORT SERVICES NORTH RING  
NETWORK EXTENSION

DABKVILLE, MO

drawn by: CAS  
checked by: JMC  
approved by: ENG  
project no.: \_\_\_\_\_  
drawing no.: \_\_\_\_\_

SHEET  
2 of 35



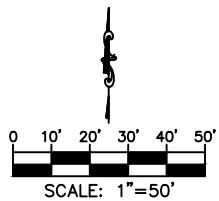


SHEET QUANTITIES			
ITEM	ITEM DESCRIPTION	UNITS	QUANTITY
1.	SUPPLY & INSTALL 1-2" HDPE DUCT	LF	643
2.	SUPPLY & INSTALL TRACER WIRE	LF	643
3.	SUPPLY & INSTALL 24"X36"X36" HANDHOLE	EACH	2
4.	INSTALL 96CT ARMORED FIBER OPTIC CABLE - UNDERGROUND	LF	843

HATCH AREA IS PART OF UG PERMIT #1

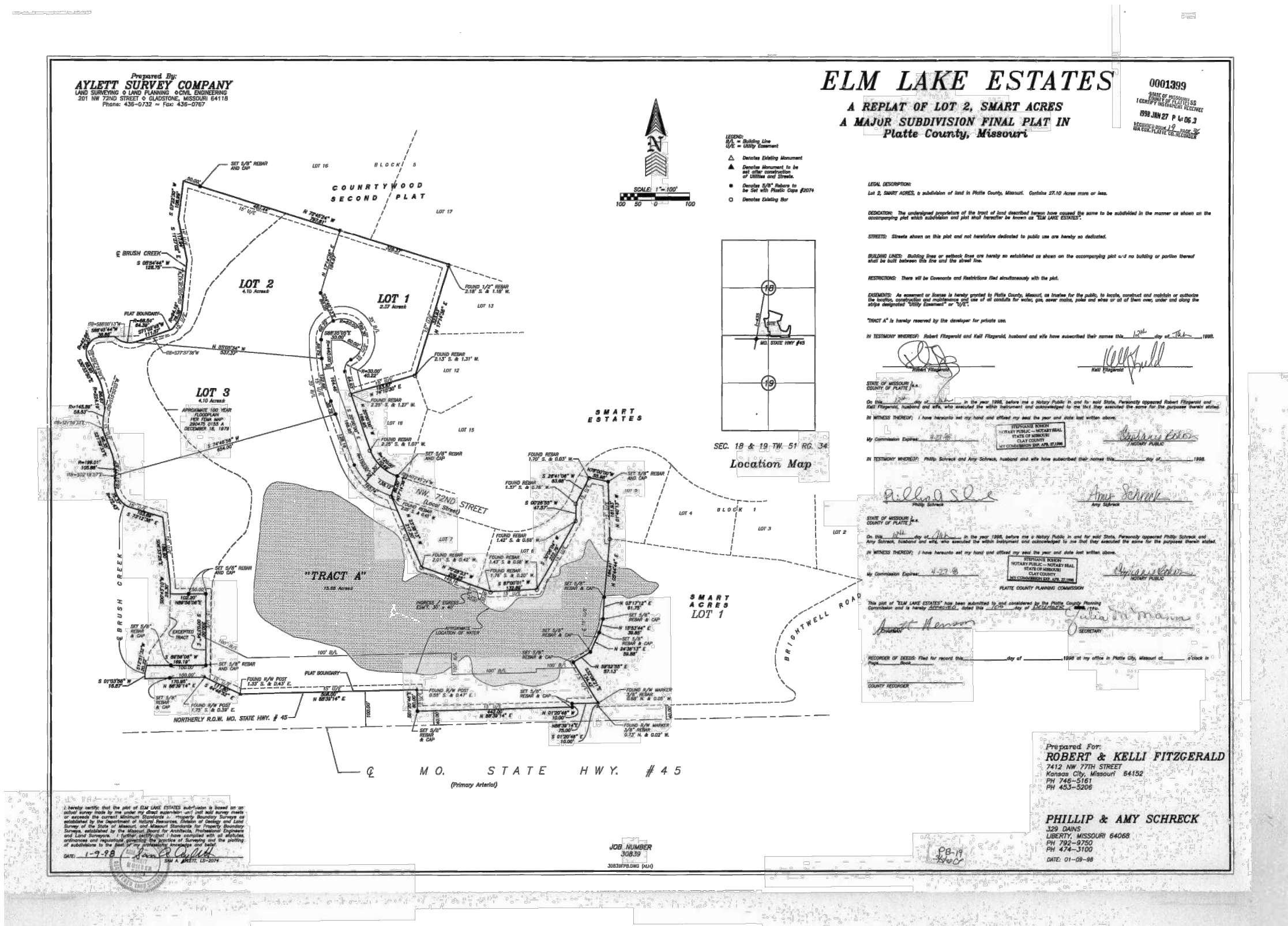


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# PLAT INFORMATION



NTS

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TEL: 913.381.1170  
FAX: 913.381.1174  
www.olson.com

PE Stamp & Approval  
CLARENCE R. GASTINEAU  
MO. REG. NO. 2008025192

REVISIONS DESCRIPTION

DATE

REV. NO.

REVISIONS

PLAT MAP

SUPPORT SERVICES NORTH RING  
NETWORK EXTENSION

PARKVILLE, MO

2023

drawn by: SPM  
checked by: DAI  
approved by: CRG  
project no.: project no.:  
drawing no.:  
date: 6/27/2023

SHEET  
33 OF 35



# TYPICALS

# PCA243636-00006

## PCX POLYMER CONCRETE ASSEMBLY

24" x 36" x 36"  
(For actual dimensions see drawing)

Polymer Concrete Assembly, Straight Sides, No Floor, WUC 3.6, ANSI/SCTE 77 - "T15/20K" 3/8" Hex Bolts, Standard Nameplate (Specify at time of order) Installed

### LOAD RATINGS

Incidental Traffic - Parking Lot, Sidewalk  
Conforms to:

- WUC 3.6
- ASTM C 857
- ANSI/SCTE 77

### FEATURES:

- Drop-In nameplate
- Shipped assembled
- Skid resistant cover
- Stainless steel bolts
- Cast-in floating nut box
- Integral drain holes

Additional product information  
continued on the reverse

**newbasis**  
Composites for Infrastructure

2626 Kansas Avenue  
Riverside, California 92507

951.787.0600

951.787.0632 (fax)

info@newbasis.com



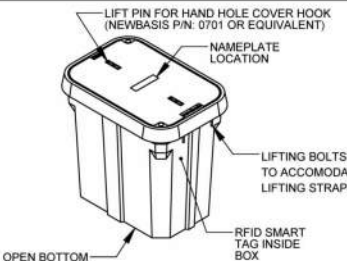
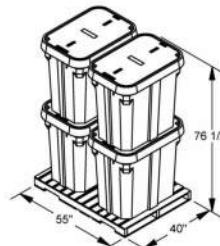
newbasis.com

**PCX**  
POLYMER CONCRETE  
The Next Generation

### Inside Dimensions

Length	Width	Depth
33 9/16"	21 15/16"	33"
27 1/8"	15 1/2"	

Rev: C.0

<h1>PCA243636-00006</h1>	<h1>PCX POLYMER CONCRETE ASSEMBLY</h1>	<div>   </div>
<p>Polymer Concrete Assembly, Straight Sides, No Floor, WUC 3.6, ANSI/SCTE 77 - "T15/20K," 3/8" Hex Bolts, Standard Nameplate (Specify at time of order) Installed</p>		<div> <div>24" x 36" x 36"</div> <div>For actual dimensions, see drawing on front side.</div> </div>
<div> <div>AVAILABLE OPTIONS</div> <div> <input type="checkbox"/> Tier 22 Load Rating  <input type="checkbox"/> Penta Bolts  <input type="checkbox"/> Telephone EMS  <input type="checkbox"/> Power EMS  <input type="checkbox"/> Custom Nameplate Installed  <input type="checkbox"/> Custom Nameplate Shipped Separately  <input type="checkbox"/> Standard Nameplate Installed  <input type="checkbox"/> Standard Nameplate Shipped Separately </div> </div>	<div> <div>NAMEPLATES</div> <div> <p>One standard nameplate included with each assembly, installed at the factory or easily installed in the field. Custom nameplates are available. Contact customer service.</p> <p>Standard Nameplates</p> <ul style="list-style-type: none"> <li>• Electric</li> <li>• Telephone</li> <li>• Fiber Optic</li> <li>• Water</li> <li>• Street Lighting</li> <li>• Broadband</li> <li>• Traffic</li> <li>• CATV</li> <li>• Traffic Signal</li> <li>• Communications</li> </ul> </div> </div>	<div> <div>24" x 36" x 36"</div> <div>For actual dimensions, see drawing on front side.</div> <div>  </div> </div>
<p>☑ - Indicates a selected option</p>		
<div> <div>MATERIAL PROPERTIES AND ATTRIBUTES</div> <div> <p><b>Compressive Strength</b>  Polymer Concrete - 11500 PSI  Per ASTM D695</p> <p><b>Flexural Strength</b>  Polymer Concrete - 4000 PSI  Per ASTM D790</p> <p><b>Coefficient of Friction (Dry)</b>  1.085  Per ASTM C1028</p> <p>Polymer Concrete</p> <ul style="list-style-type: none"> <li>- Advanced composite: Very high strength to weight ratio</li> <li>- Non-metallic</li> <li>- Non-conductive</li> <li>- UV Resistant</li> <li>- High impact resistant</li> <li>- Impervious to chemicals and moisture</li> </ul> <p>Materials tested in accordance with ASTM D-543 and ASTM D-570</p> </div> </div>	<div> <div>WEIGHTS AND SHIPPING</div> <div> <p>COVER WEIGHT: 98.0 lbs.</p> <p>BOX WEIGHT: 239.9 lbs.</p> <p>ASSEMBLY WEIGHT: 337.9 lbs.</p> <p>LOADED PALLET WEIGHT: 1394 lbs.</p> <p>Standard shipping includes van delivery of pallet quantities to the lower 48 states. Partial pallet quantities and flat bed shipping available at an additional cost.</p> </div> </div>	<div> <div>PACKAGING (Steel Banding, Edge Protection)</div> <div> <p>PALLET QUANTITY: 4</p> <div>  </div> </div> </div>

Rev. C.0

PE Stamp & Approval  
CLARENCE R. GASTINEAU  
MO. NO. PE-2008025192

[illegible]

## TYPICAL DETAILS

## SUPPORT SERVICES NORTH RING NETWORK EXTENSION

PARKVILLE MO

2023

drawn by: \_\_\_\_\_ SPM  
checked by: \_\_\_\_\_ DAH  
approved by: \_\_\_\_\_ CRG  
project no.: \_\_\_\_\_ project no.: \_\_\_\_\_  
drawing no.: \_\_\_\_\_  
date: 6/27/2023



USER: rschulta

Cover.dwg

design

1955-0

\*

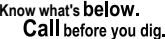
\*

\* CITY, COUNTY, AND STATE.

7301 West 133rd Street, Suite 200  
Overland Park, KS 66213-4750

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CLARENCE R. GASTINEAU  
MO. NO. PE-2008025192

REVISIONS DESCRIPTION

## FINAL QUANTITIES

# SUPPORT SERVICES NORTH RING NETWORK EXTENSION

PARKVILLE MO

## REVISIONS

Drawn by: \_\_\_\_\_ SPM  
 Checked by: \_\_\_\_\_ DAH  
 Approved by: \_\_\_\_\_ CRG  
 Project no.: \_\_\_\_\_ project no.: \_\_\_\_\_  
 Drawing no.: \_\_\_\_\_  
 Date: 6/27/2023

SHEET  
5 OF 35