

INDEX OF LIGHTING PLANS

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

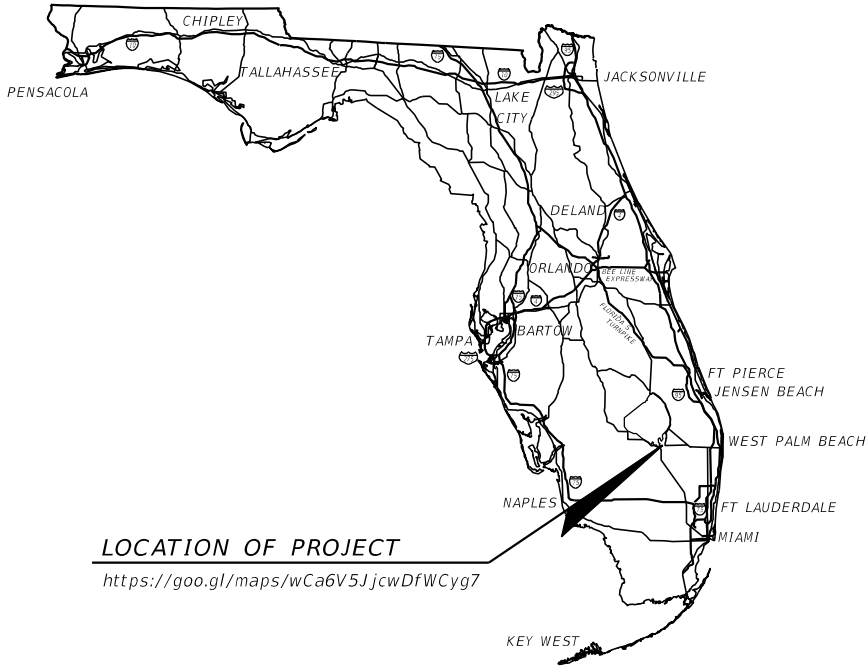
FINANCIAL PROJECT ID 443994-1-52-01

(FEDERAL FUNDS)

PALM BEACH (93130)

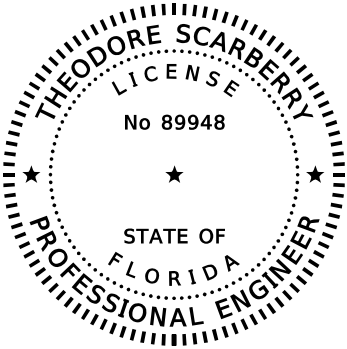
SR 15/US 441
FROM SOUTH OF SHIRLEY DRIVE TO EAST MAIN STREET

LIGHTING PLANS



LOCATION OF PROJECT

<https://goo.gl/maps/wCa6V5JjcwDfWCyg7>



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ON THE DATE ADJACENT TO THE SEAL

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LIGHTING PLANS ENGINEER
OF RECORD:

THEODORE SCARBERRY, P.E.
P.E. NO. 89948
STANLEY CONSULTANTS, INC.
1641 WORTHINGTON ROAD, SUITE 400
WEST PALM BEACH, FL. 33409
(561) 689-7444
CONTRACT NO. C9T77
VENDOR NO. VF-421320758-001

BIDDABILITY
SUBMITTAL
AUGUST, 2021

FDOT PROJECT MANAGER:
DAMARIS WILLIAMS, P.E.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
	22	L-1

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TABULATION OF QUANTITIES

[illegible]

REVISED				THEODORE SCARBERRY, P.E. P.E. LICENSE NO. 89948 STANLEY CONSULTANTS, INC. 1641 WORTHINGTON ROAD, SUITE 400 WEST PALM BEACH, FL 33409	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TABULATION OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		L-2
					SR 15	PALM BEACH	443994-1-52-01		

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LIGHTING GENERAL NOTES

- 1. PALM BEACH COUNTY IS THE MAINTAINING AGENCY FOR THE LIGHTING SYSTEM FROM THE BEGINNING OF THE PROJECT UP TO PEE HOKEY DRIVE.
- 2. CITY OF PAHOKEE IS THE MAINTAINING AGENCY FOR THE LIGHTING SYSTEM FROM PEE HOKEY DRIVE TO THE END OF THE PROJECT.
- 3. SEE THE LEAD (ROADWAY) COMPONENT'S GENERAL NOTES SHEET FOR AGENCY AND UTILITY OWNERS, AND THEIR CONTACT INFORMATION, AS WELL AS CONTACT INFORMATION FOR OTHER REQUIRED ACTIONS.
- 4. SEE THE LEAD (ROADWAY) COMPONENT'S VERIFIED UTILITY LOCATE SHEET FOR HORIZONTAL AND VERTICAL VERIFIED UTILITY LOCATE INFORMATION.

REVISIONS				THEODORE SCARBERRY, P.E. P.E. LICENSE NO. 89948 STANLEY CONSULTANTS, INC. 1641 WORTHINGTON ROAD, SUITE 400 WEST PALM BEACH, FL 33409	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		L-3
					SR 15	PALM BEACH	443994-1-52-01		

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LIGHTING DATA TABLE

CONVENTIONAL LIGHTING DESIGN CRITERIA

[illegible][illegible]Bacom Point Road Intersection

Along SR 15

Average Initial Intensity:

Average Initial Intensity:

Horizontal

1.5 Foot Candles

Horizontal

1.5 Foot Candles

Uniformity Ratios Avg./Min.

Uniformity Ratios Avg./Min.

Max./Min.

10:1 Or Less

Max./Min.

10:1 Or Less

Vertical

1.5 Foot Candles

Veiling Luminance Ratio

0.3:1 or less

At Pedestrian Crossings

Vertical Illuminance = 2.3 Vertical Foot Candles

LEGEND

SYMBOLS

DESCRIPTION



FP&L to install new utility pole with luminaire mounted on utility pole with LED luminaire with 4,000k CCT, Type III distribution and XXX volt operation. Photometric curve ATBL F R3 (28,091 Lumens, 259 Watts) or equal.
IES File: ATBL_F_XXXXX_R3.ies



FP&L to install new utility pole with luminaire mounted on utility pole with LED luminaire with 4,000k CCT, Type III distribution and XXX volt operation. Photometric curve ATB2 40B R4 (16,593 Lumens, 133 Watts) or equal.
IES File: ATB2_40BLEDE10_XXXXX_R4_4K_5K.ies



FP&L to replace existing arm and luminaire on existing utility pole with new arm and LED luminaire with 4,000k CCT, Type III distribution and XXX volt operation. Photometric curve ATBL F R3 (28,091 Lumens, 259 Watts) or equal.
IES File: ATBL_F_XXXXXX_R3.ies



FP&L to install new arm and luminaire on existing utility pole with LED luminaire with 4,000k CCT, Type III distribution and XXX volt operation. Photometric curve ATBL F R3 (28,091 Lumens, 259 Watts) or equal.
IES File: ATBL F XXXXX_R3.ies



FP&L to replace existing arm and luminaire on existing utility pole with new arm and LED luminaire with 4,000k CCT, Type III distribution and XXX volt operation. Photometric curve ATB2 40B R4 (16,593 Lumens, 133 Watts) or equal.
IES File: ATB2_40BLEDE10_XXXXX_R4_4K_5K.ies



FP&L to remove existing luminaire and arm from existing utility pole.



Replace existing luminaire on existing light pole with new LED luminaire with 5,000k CCT, Type III distribution and XXX volt operation. Photometric curve GVD3 P30 GL3 50K (8,560 Lumens, 61 Watts) or equal. IES File: GVD3 P30 XXXX GL3.ies

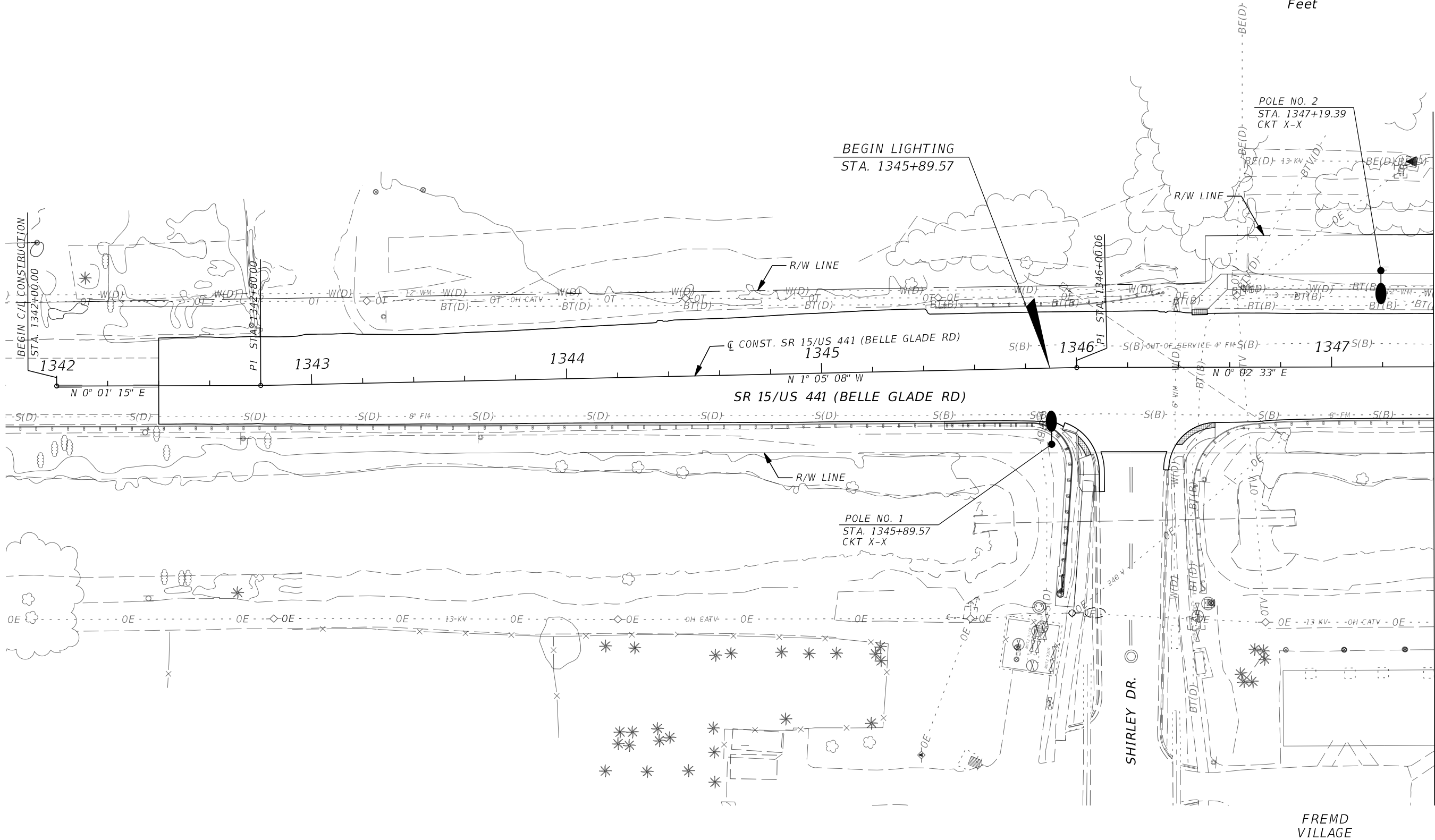
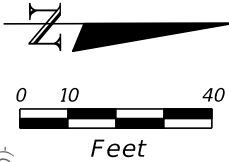


Replace luminaire on existing signal pole with new LED luminaire with 4,000k CCT, Type IV distribution and 120 volt operation. Photometric curve ATB2 P604 4K (33,910 Lumens, 263 Watts) or equal. IES File: ATB2 P604 R4 4K.ies

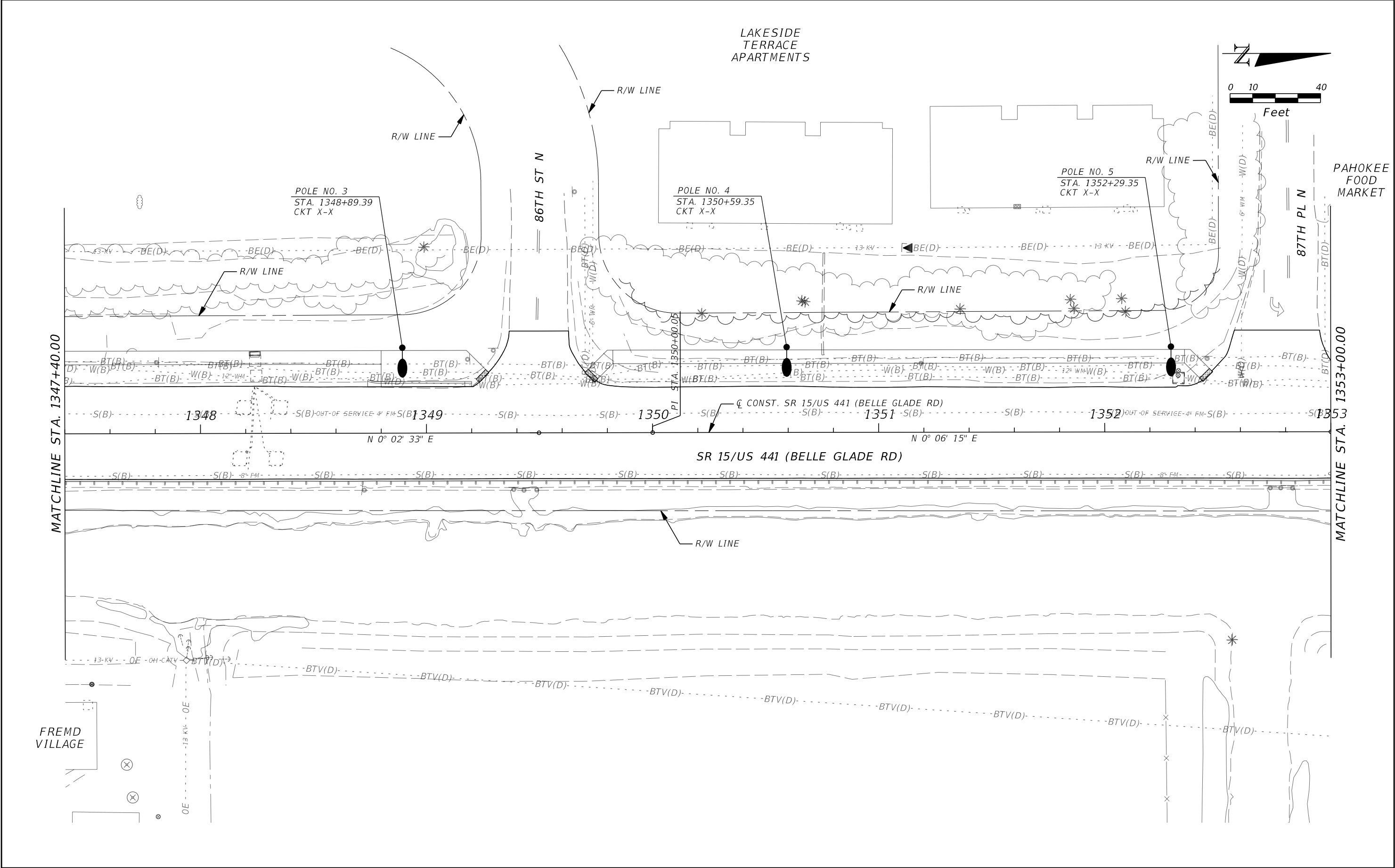


Existing light pole to remain.

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		L-4
					SR 15	PALM BEACH	443994-1-52-01		

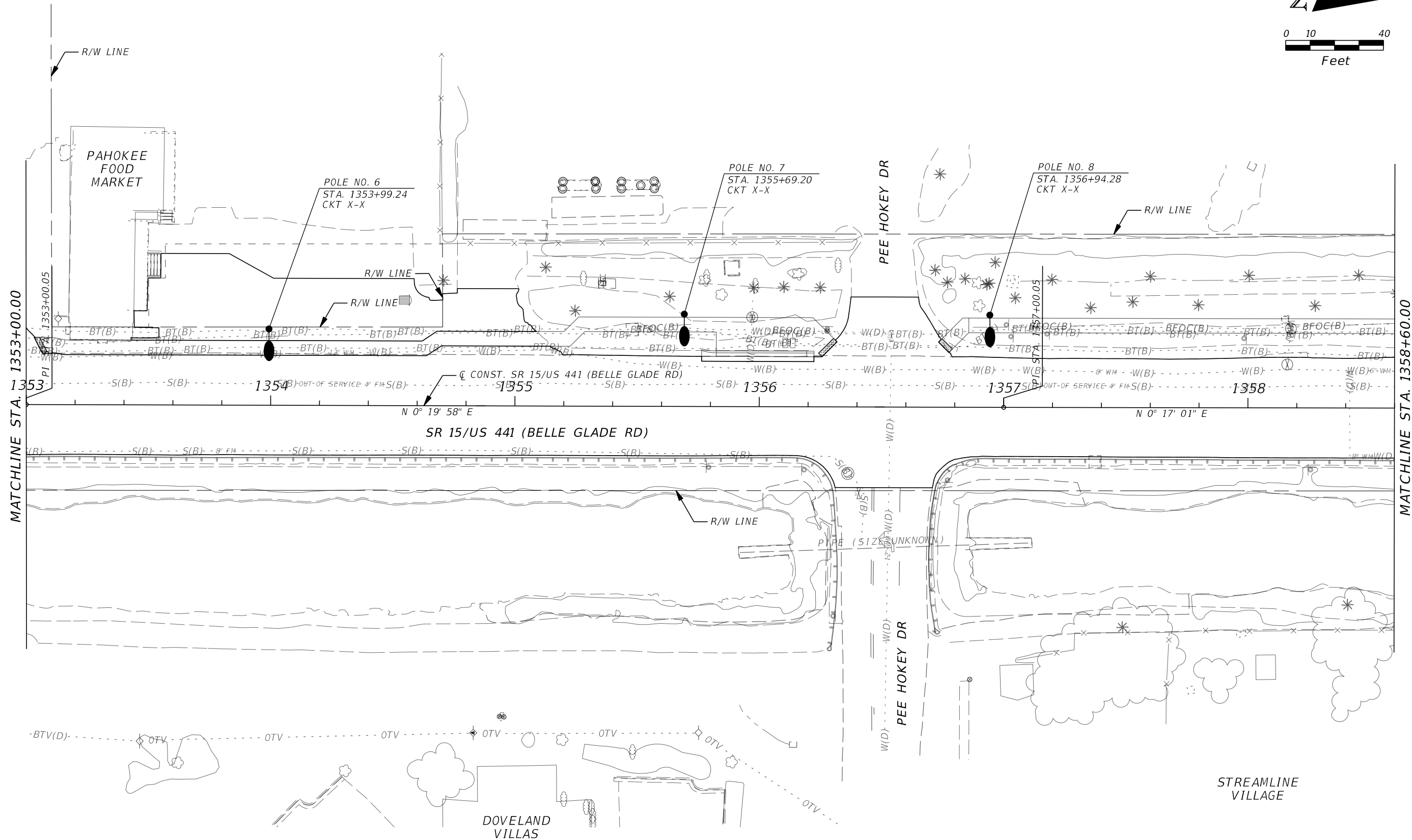
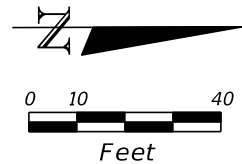


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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 15	PALM BEACH	443994-1-52-01		L-5



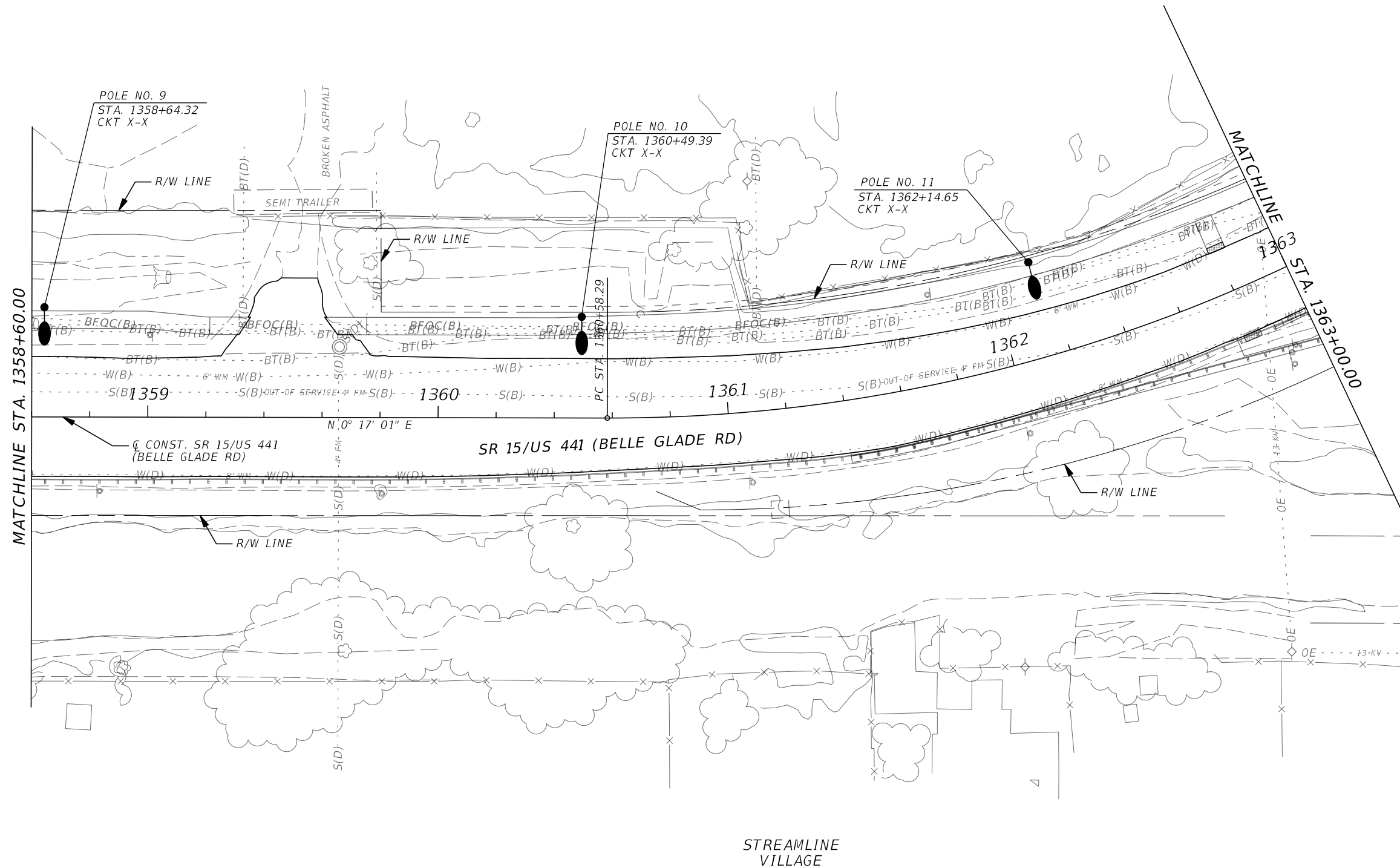
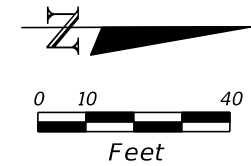
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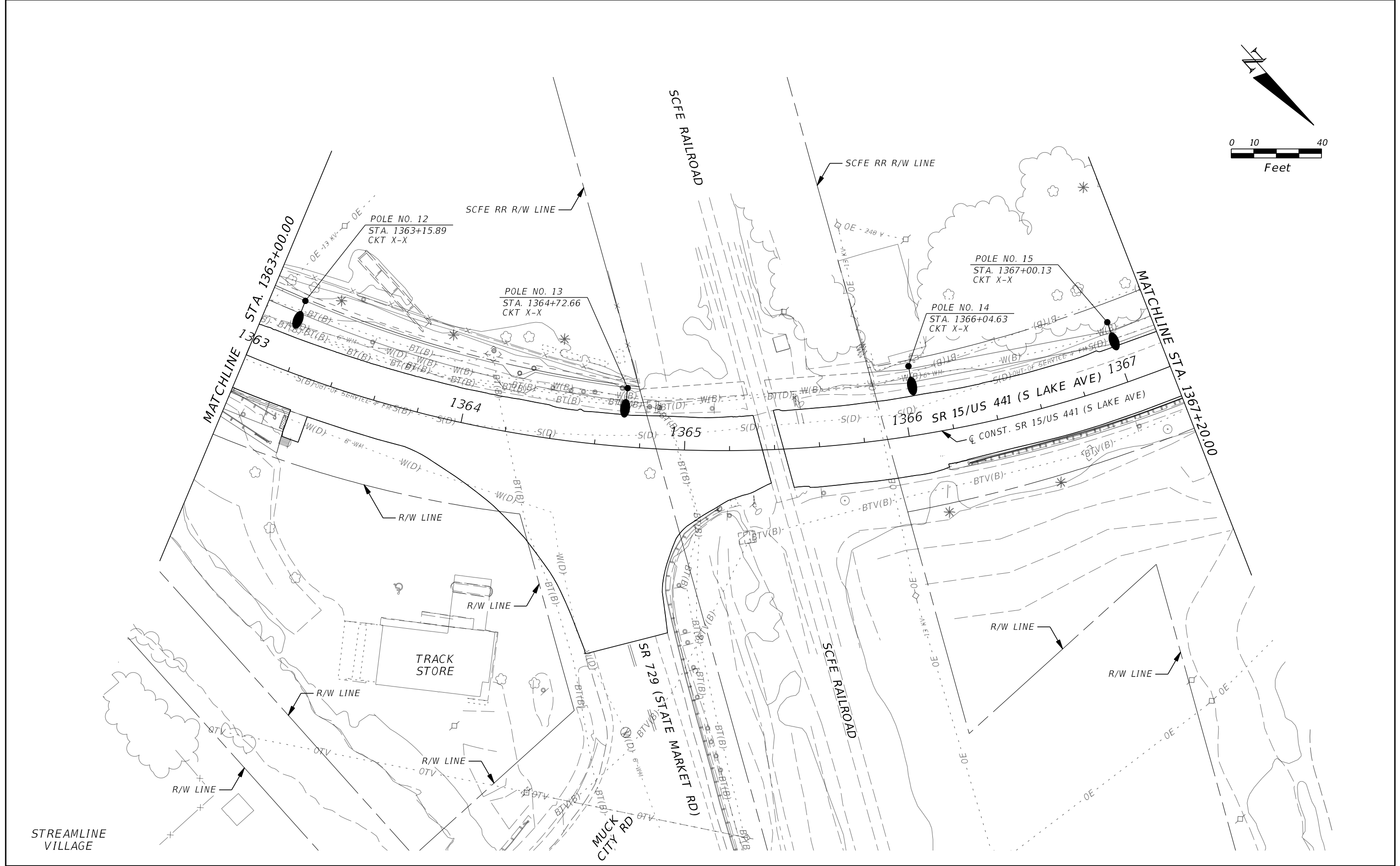
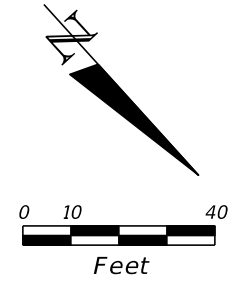
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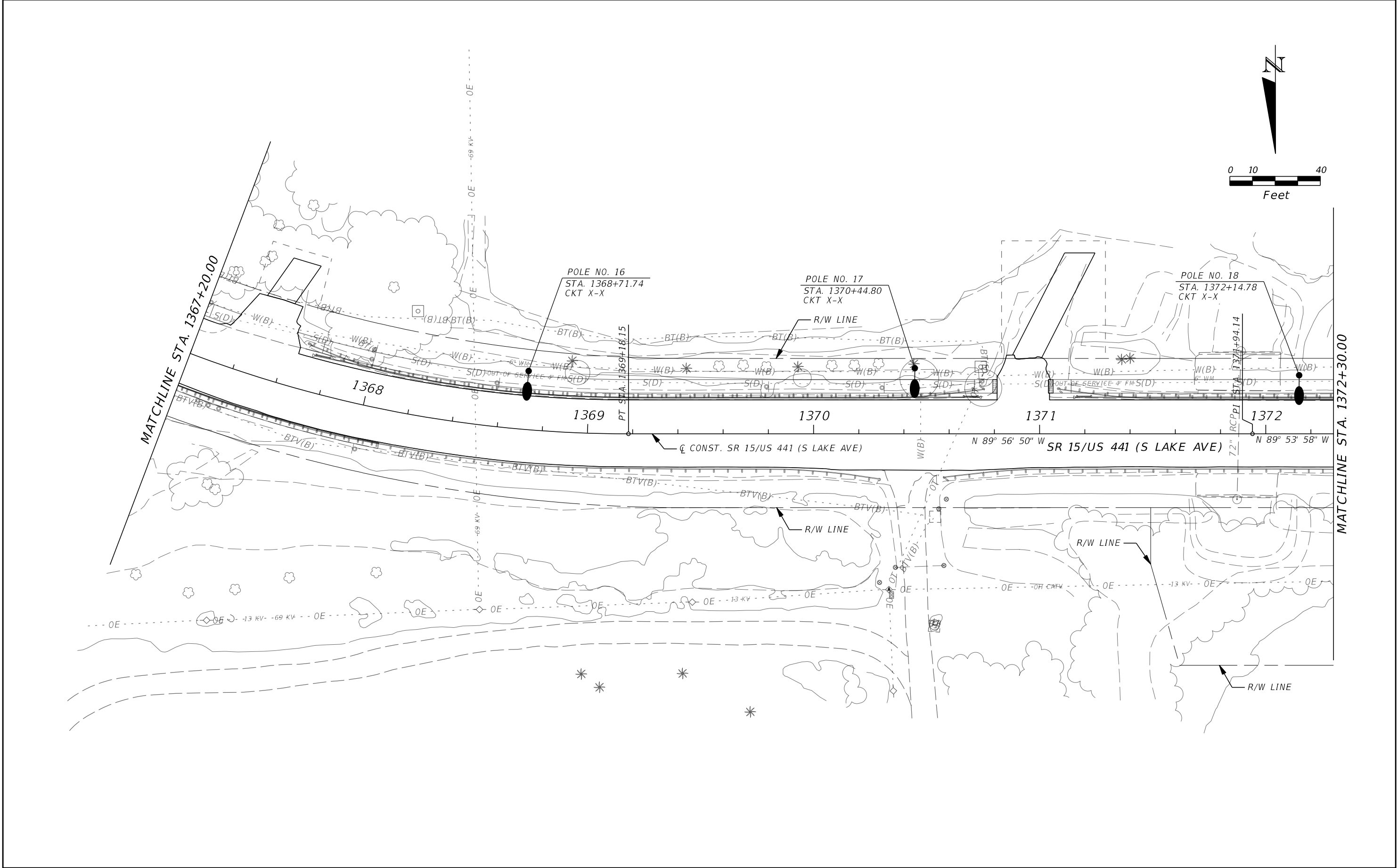
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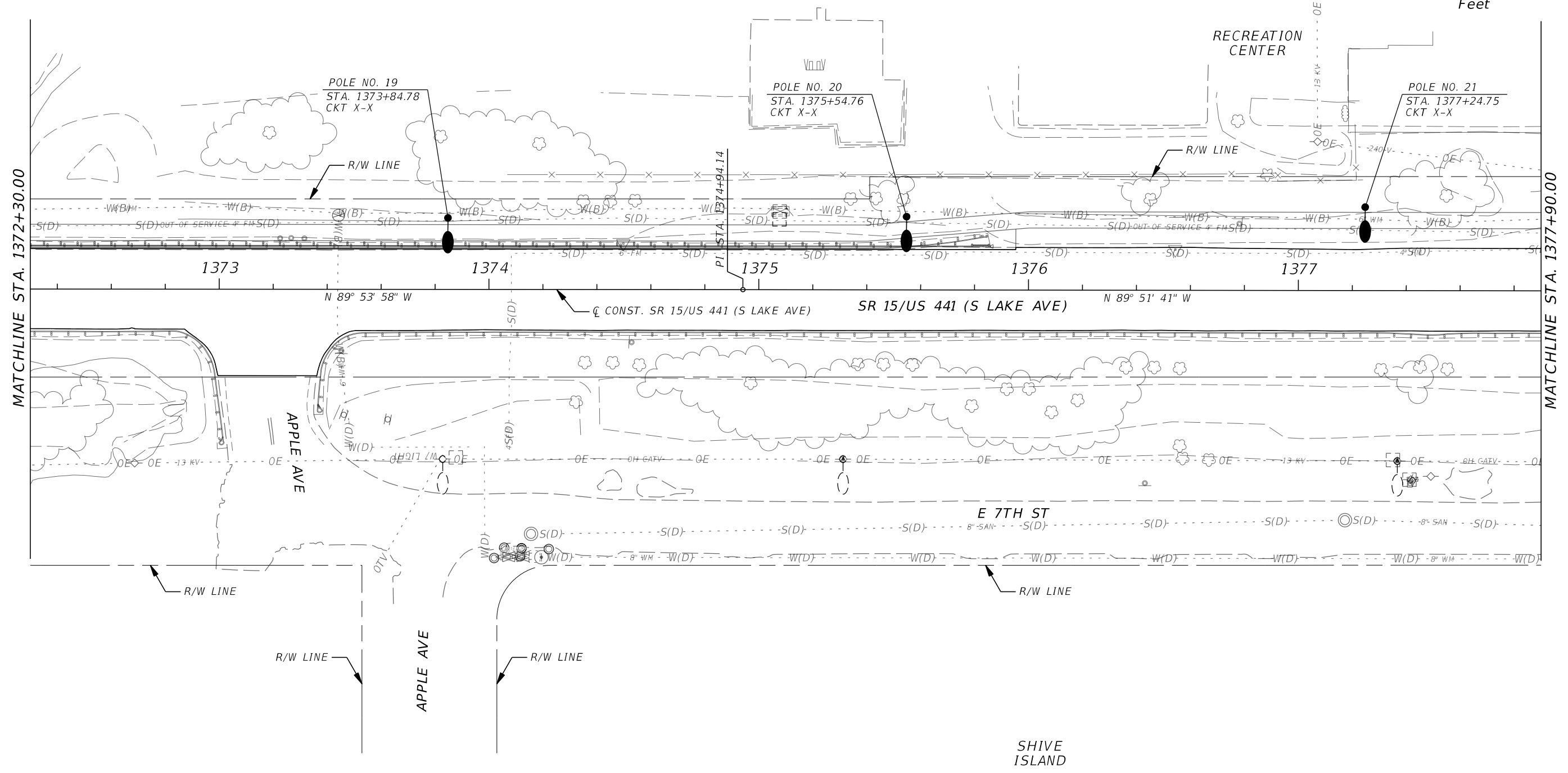
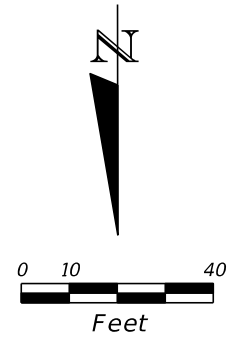
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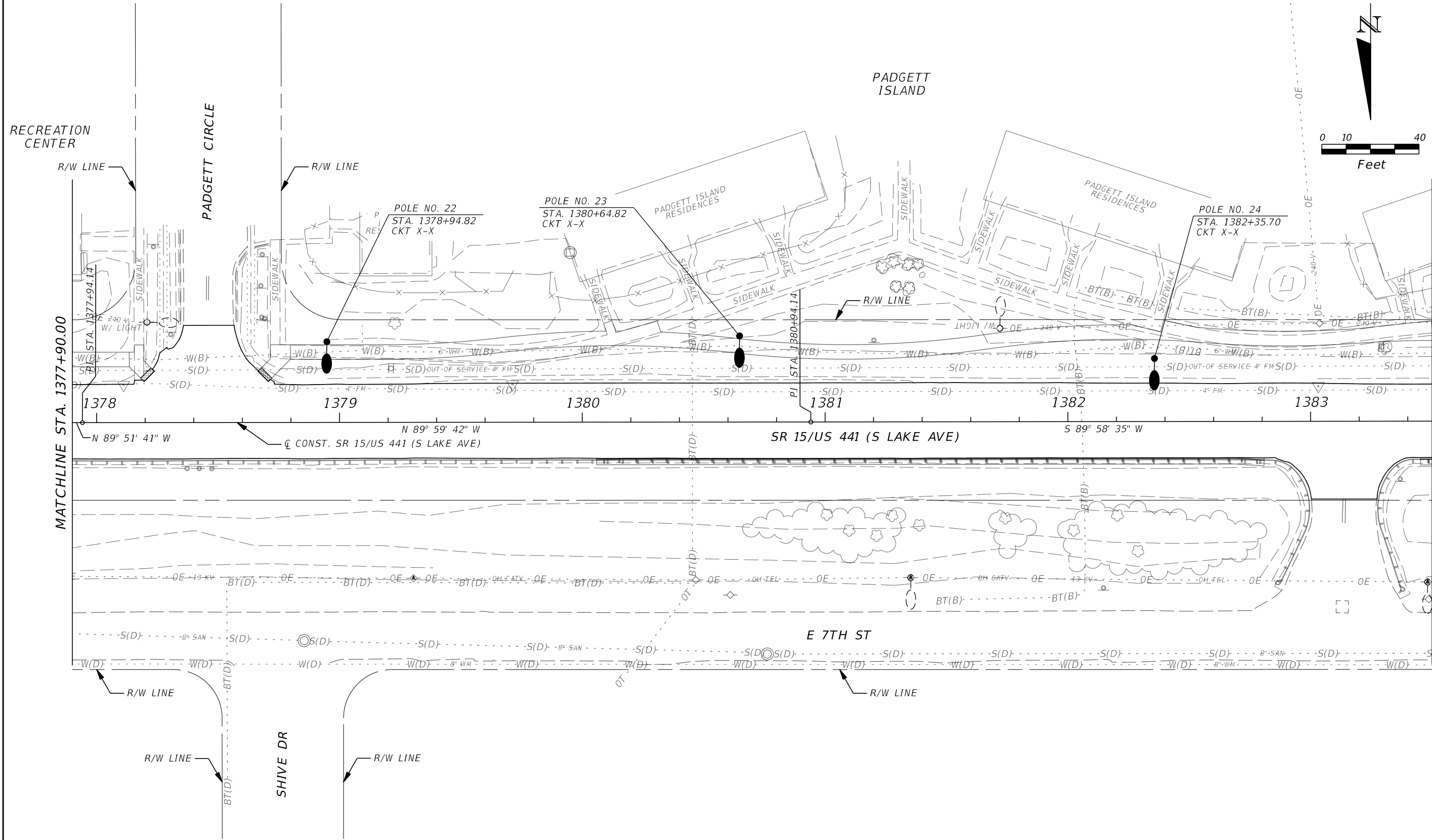
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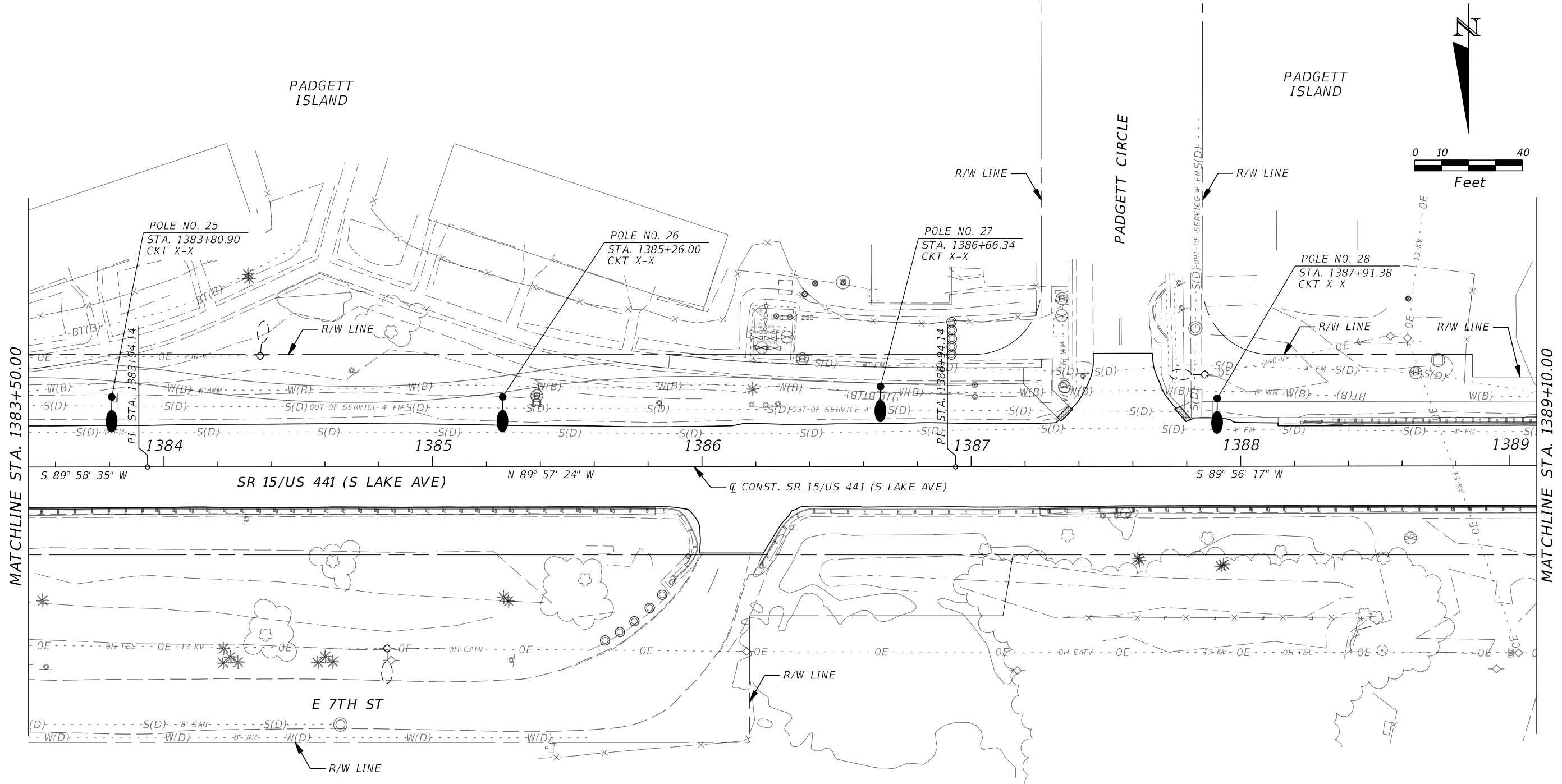
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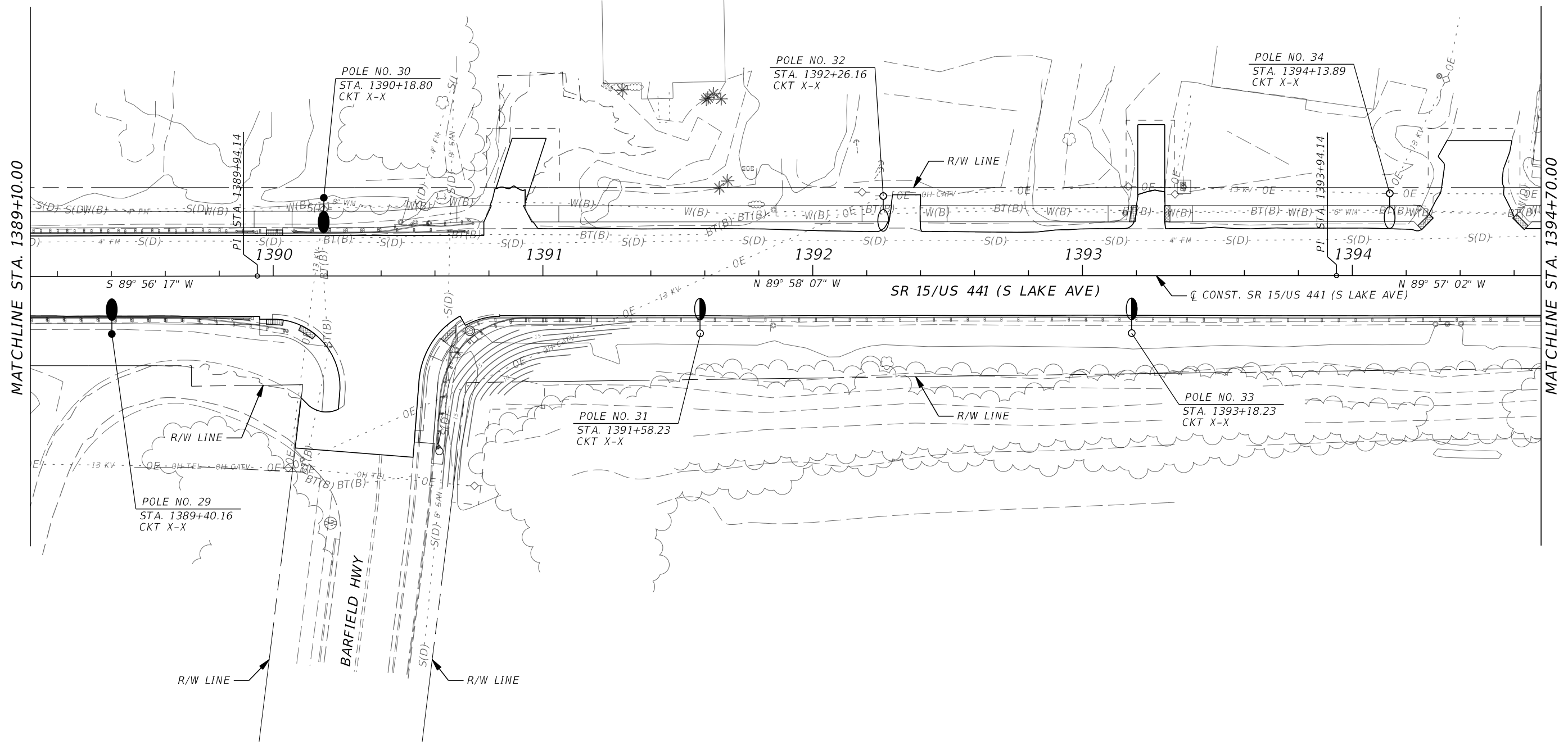
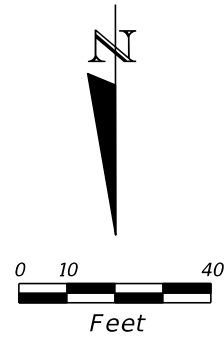
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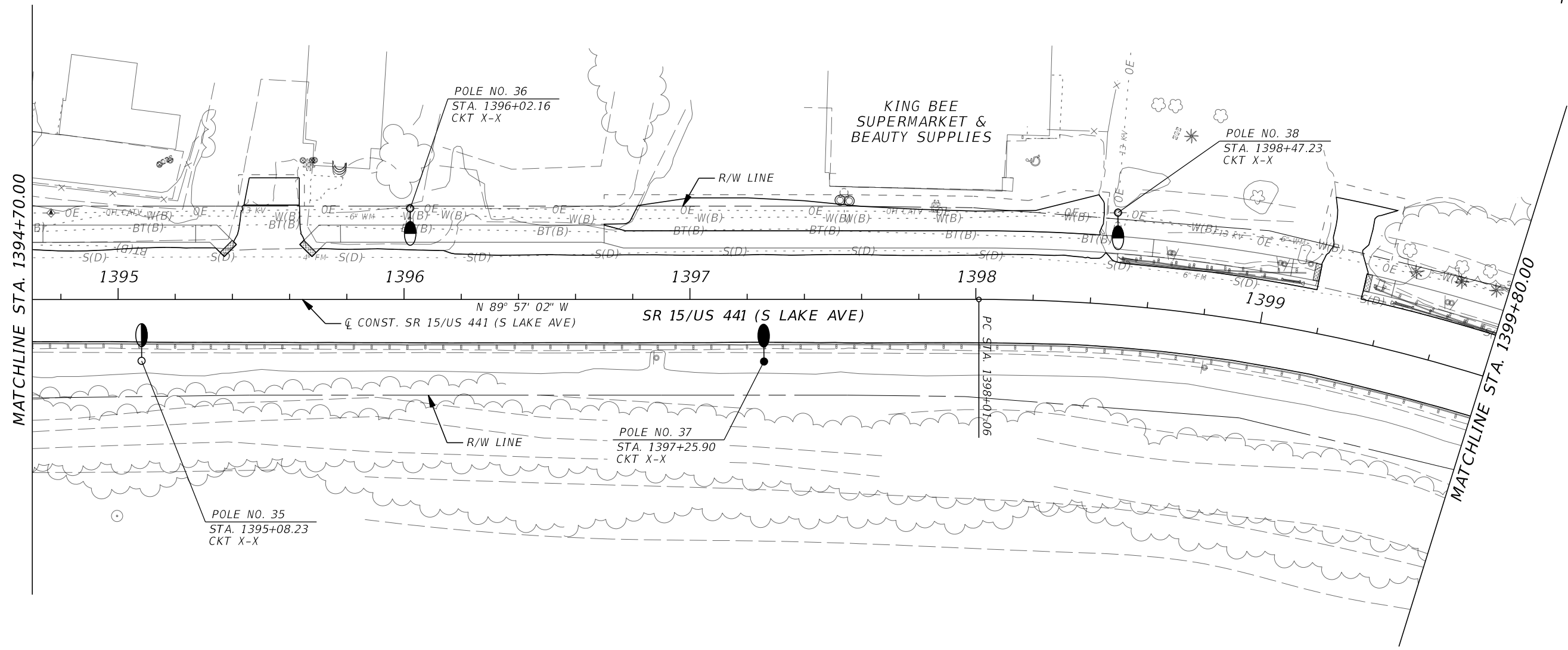
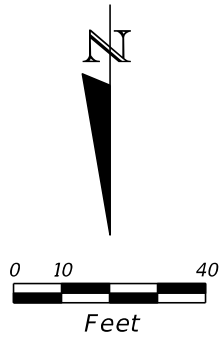
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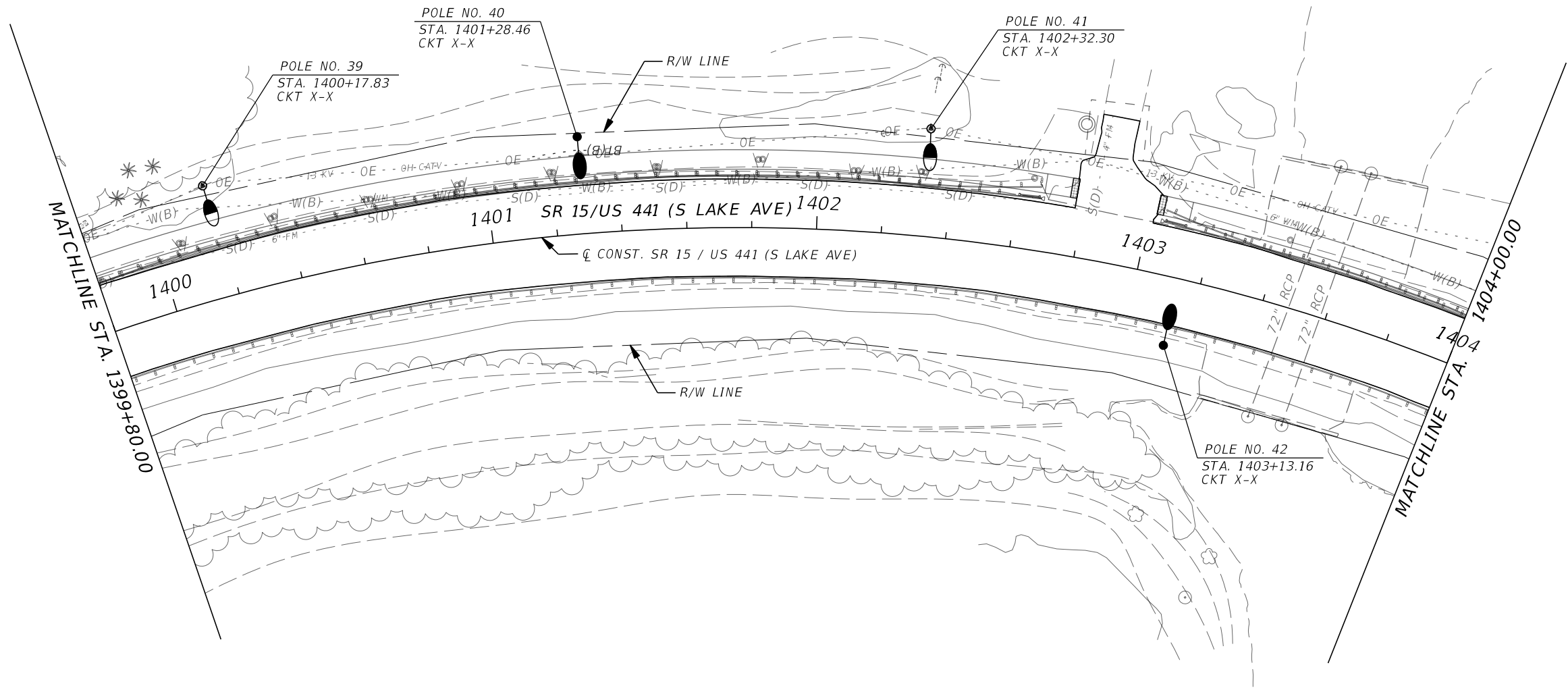
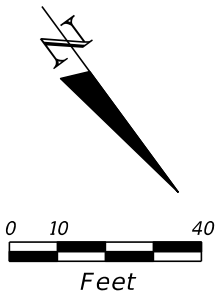


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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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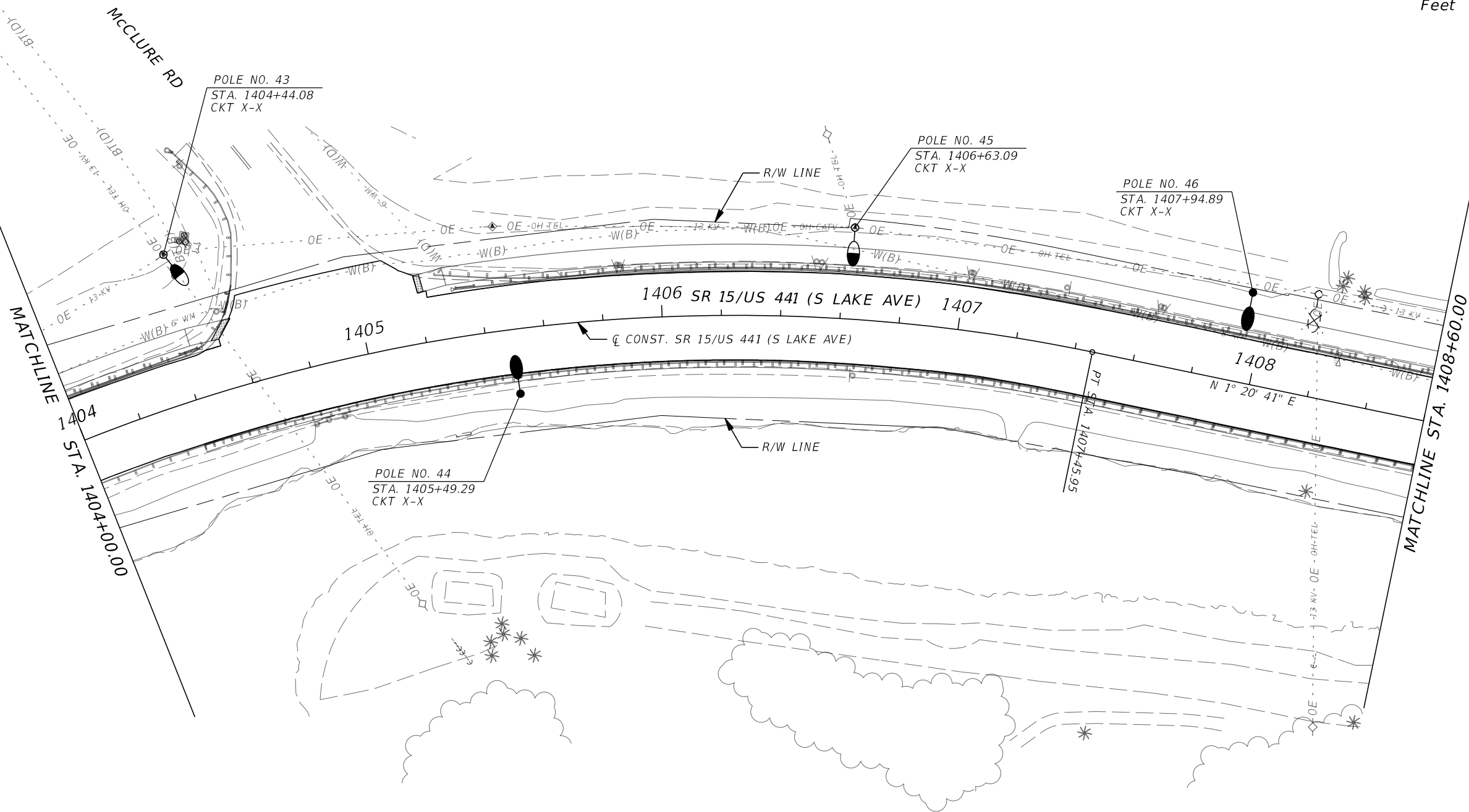
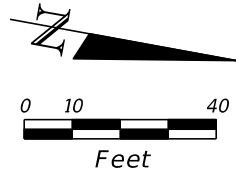
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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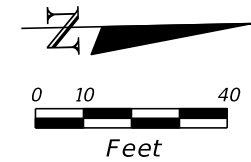


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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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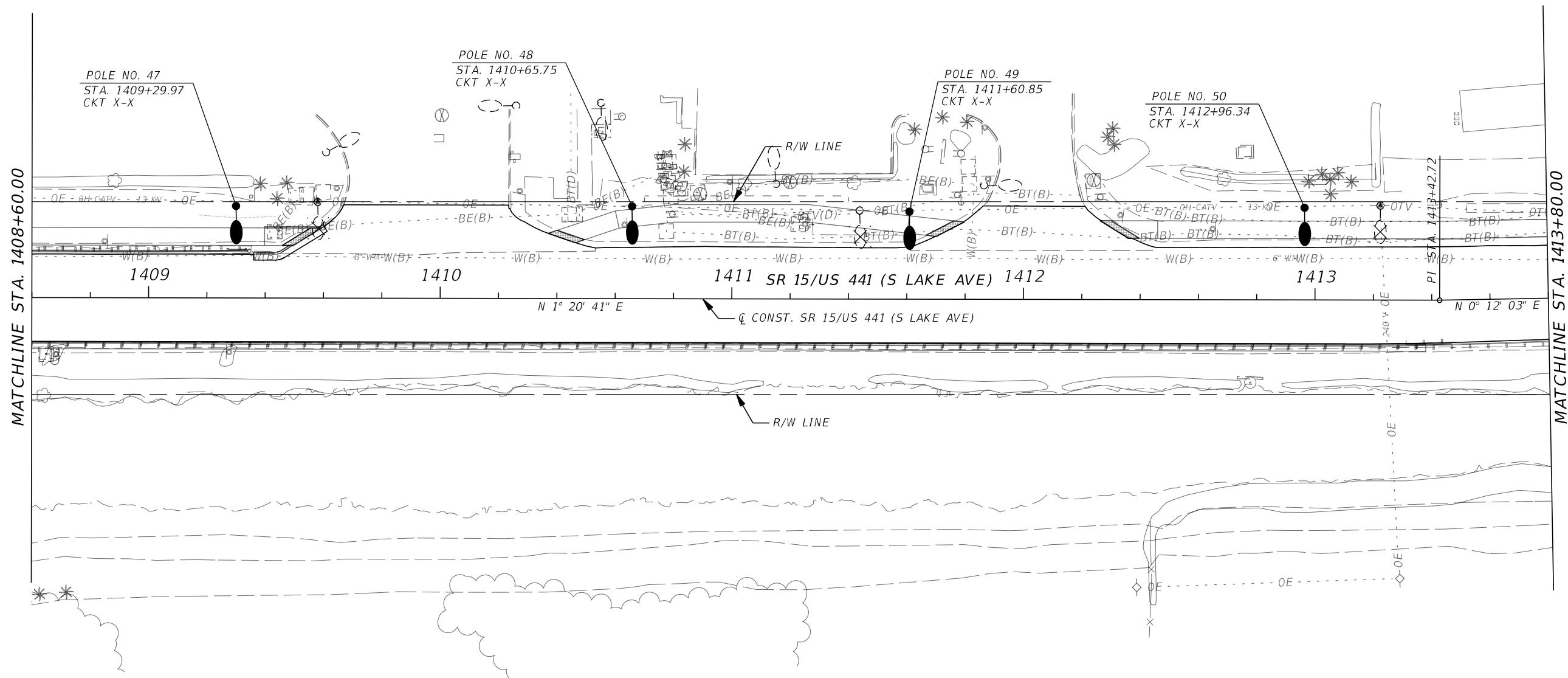


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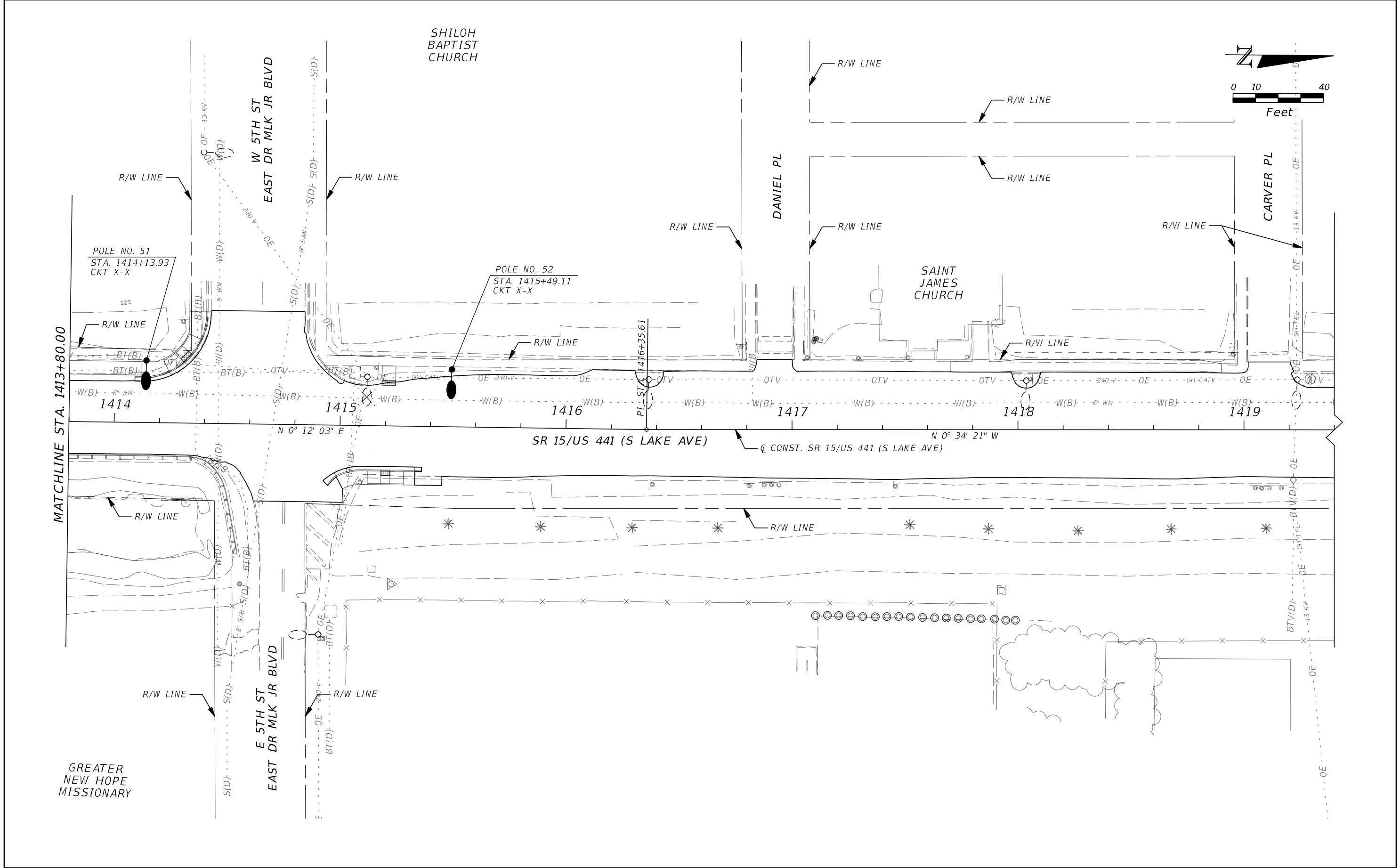
PALM BEACH COUNTY
FIRE-RESCUE 72



GREATER
NEW HOPE
MISSIONARY

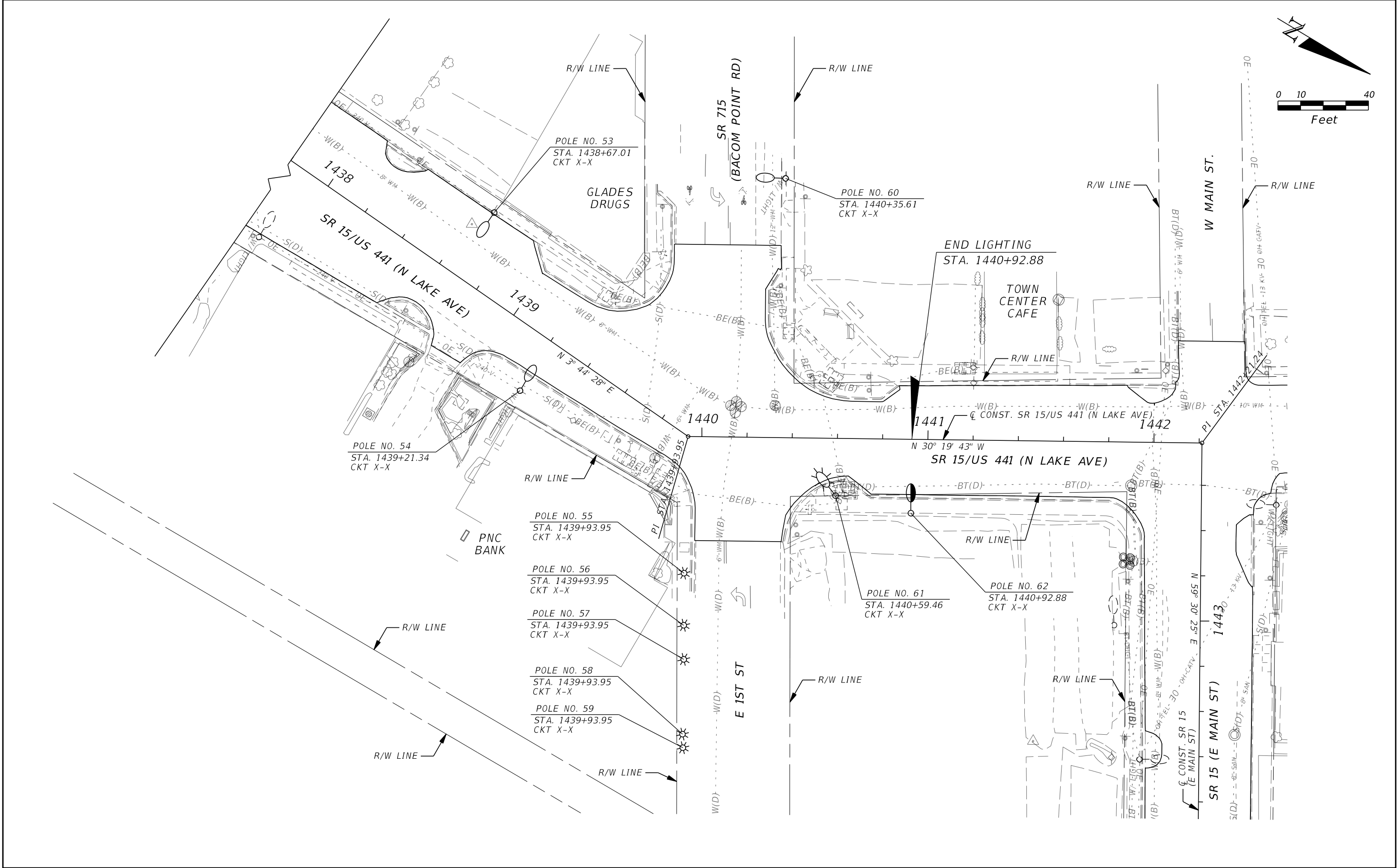
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