

GENERAL NOTES

- 1.) THESE PLANS HAVE BEEN CREATED TO IDENTIFY THE PORTION OF THE PAVEMENT RESTORATION PLAN, COORDINATED BY THE LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT ("LFUCG"), THAT KENTUCKY UTILITIES COMPANY ("KU") WILL BE FINANCIALLY RESPONSIBLE FOR PER THE PAVEMENT RESTORATION AGREEMENT.
- 2.) KENTUCKY UTILITIES WILL BE RESPONSIBLE FOR TEMPORARILY RESTORING THE DUCT BANK TRENCH WITH FLOWABLE FILL BACKFILL, 6" (MINIMUM) CONCRETE CAP EXTENDING A MINIMUM OF 1' ONTO UNDISTURBED EARTH ON EACH SIDE OF TRENCH. A 2" MINIMUM ASPHALT BASE COURSE AND ANY TEMPORARY PAVEMENT MARKINGS REMOVED DURING DUCT BANK CONSTRUCTION PRIOR TO ANY LFUCG MILLING OR PAVING ACTIVITIES. THIS TEMPORARY RESTORATION (AND ASSOCIATED COSTS) IS INCLUSIVE TO KENTUCKY UTILITIES DOWNTOWN LEXINGTON 69KV UNDERGROUND TRANSMISSION CORRIDOR CONSTRUCTION PROJECT AND WILL BE PERFORMED BY THE CONTRACTOR CHOSEN BY KENTUCKY UTILITIES.
- 3.) THE WORK ITEMS IDENTIFIED IN THESE PLANS WILL BE PERFORMED IN ACCORDANCE WITH THE EXISTING LFUCG PAVING CONTRACT AND SIDEWALK REPLACEMENT CONTRACT. THE COST OF THE WORK ITEMS IDENTIFIED HEREON WILL BE INVOICED TO KU WITHOUT MARKUP. SPECIFICALLY, THE WORK INVOICED TO KU SHALL CONSIST OF LABOR AND MATERIALS FOR:
 - (1) MILLING THE ENTIRE KU COVERAGE AREA (SHADED IN PURPLE)
 - (2) RESURFACING THE ENTIRE KU COVERAGE AREA (SHADED IN PURPLE)
 - (3) PAINTING OF PERMANENT PAVEMENT MARKINGS INSIDE THE KU COVERAGE AREA
 - (4) ANY SIDEWALK RAMP UPGRADES (SHADED IN RED) REQUIRED UNDER APPLICABLE ORDINANCES OR THE AMERICANS WITH DISABILITIES ACT AS A RESULT OF PAVING IN THE KU COVERAGE AREA
- 4.) THE QUANTITY ESTIMATES SHOWN HEREON FOR THE FOREMENTIONED WORK ITEMS ARE BASED ON GUIDELINES LAID OUT BY LFUCG AND THE EXPECTED KU COVERAGE AREA. THE COVERAGE AREA HAS BEEN ESTIMATED USING TRENCH CALCULATIONS BASED ON THE DESIGN OF THE 69KV TRANSMISSION DUCT BANK TO BE CONSTRUCTED.
- 5.) THE QUANTITY ESTIMATES SHOWN HEREON ARE ALSO BASED ON ASSUMPTIONS THAT WERE MADE ABOUT THE FOREMENTIONED WORK ITEMS. THESE ASSUMPTIONS ARE AS FOLLOWS:
 - i.) MILLING DEPTH OF 1.5"
 - ii.) REPAVING DEPTH OF 1.5"
 - iii.) PERMANENT PAVEMENT MARKINGS WILL MEET MUTCD STANDARD SPECIFICATIONS AND WILL USE 90 MIL THERMOPLASTIC PAINT. PERMANENT LANE STRIPING WILL USE PAINT.
 - iv.) ALL EXISTING PAVEMENT MARKINGS WILL BE REPLACED AT THERE PRE CONSTRUCTION LOCATIONS.
 - v.) NO NEW PERMANENT PAVEMENT MARKINGS WILL BE ADDED WITHIN THE KU COVERAGE AREA.
 - vi.) ONLY SIDEWALK RAMP THAT ARE BOTH (1) OUT OF ADA COMPLIANCE, AND (2) ARE EITHER ADJACENT TO OR AFFECTED BY PROPOSED MILLING AND PAVING ACTIVITIES WITHIN THE KU COVERAGE AREA ARE INCLUDED IN THE ESTIMATES.

KU Quantity Estimates - LFUCG Pavement Restoration Plan					
Action	Description	Material	Quantity	Unit Cost (\$/Unit)	Cost (\$)
Pavement Restoration					
	1.5" Milling	Bituminous Asphalt	1,333.00 Tons	\$ 22.00	\$ 29,326.00
	1.5" Surface Course	Bituminous Asphalt	1,333.00 Tons	\$ 86.51	\$ 115,317.83
				Subtotal = \$	144,643.83
Sidewalk Ramp Restoration					
	Ramp Replacement/Retrofitting	Concrete, DGA, Detectable Warning Pad	17.00 Ramps	\$ 1,000.00	\$ 17,000.00
				Subtotal = \$	17,000.00
Pavement Markers					
	1' Crosswalk Bar (Crosswalk Widths Vary)	90mil Thermoplastic Paint (Preformed)	2,102.50 LF	\$ 5.25	\$ 11,038.13
	2' Traffic Stop Bar	90mil Thermoplastic Paint (Preformed)	238.00 LF	\$ 6.00	\$ 1,428.00
	6'x3' Bike Man	90mil Thermoplastic Paint (Preformed)	17.00 Mrkrs	\$ 265.00	\$ 4,505.00
	Shared Bike Lane (w/ Chevrons)	90mil Thermoplastic Paint (Preformed)	9.00 Mrkrs	\$ 320.00	\$ 2,880.00
	2'x6' Bike Path Bars	90mil Thermoplastic Paint (Preformed)	16.00 Mrkrs	\$ 110.00	\$ 1,760.00
	6'x2' (Small) Straight Arrow	90mil Thermoplastic Paint (Preformed)	17.00 Mrkrs	\$ 50.00	\$ 850.00
	8'x6'1" Turn Only Arrow	90mil Thermoplastic Paint (Preformed)	12.00 Mrkrs	\$ 80.00	\$ 960.00
	9'6"x3'3" (Large) Straight Arrow	90mil Thermoplastic Paint (Preformed)	4.00 Mrkrs	\$ 70.00	\$ 280.00
	12'9"x7" Combination Arrow	90mil Thermoplastic Paint (Preformed)	4.00 Mrkrs	\$ 95.00	\$ 380.00
	8" "ONLY" Text Marker	90mil Thermoplastic Paint (Preformed)	4.00 Mrkrs	\$ 100.00	\$ 400.00
	Public Parking Marker	90mil Thermoplastic Paint (Preformed)	2.00 Mrkrs	\$ 370.00	\$ 740.00
	Type 1 Parking Stall (9' of 4" Striping Per)	Paint (Spray)	6.00 Spaces	\$ 3.15	\$ 18.90
	Type 2 Parking Stall (4' of 4" Striping Per)	Paint (Spray)	8.00 Spaces	\$ 1.40	\$ 11.20
				Subtotal = \$	25,251.23
Pavement Striping					
	4" Solid Single Yellow	Paint (Spray)	583.00 LF	\$ 0.35	\$ 204.05
	4" Solid Double Yellow (2 - 4" Solid Single)	Paint (Spray)	1,071.00 LF	\$ 0.35	\$ 374.85
	4" Solid Single White	Paint (Spray)	4,542.00 LF	\$ 0.35	\$ 1,589.70
	6" Solid Single White	Paint (Spray)	294.00 LF	\$ 0.40	\$ 117.60
	4" Dashed (Long) Single White	Paint (Spray)	795.50 LF	\$ 0.35	\$ 278.43
	4" Dashed (Short) Single White	Paint (Spray)	123.00 LF	\$ 0.35	\$ 43.05
				Subtotal = \$	2,607.68
Estimated Total Cost =					\$ 189,502.73

DATE: 2/28/2018
 SCALE: 1" = 40'
 DRAWN BY: TJB
 APPROVED BY: DGG
 FILENAME: 17070EX-A

EXHIBIT A
KENTUCKY UTILITIES
LFUCG PAVEMENT RESTORATION PLAN
LEXINGTON, FAYETTE COUNTY, KENTUCKY

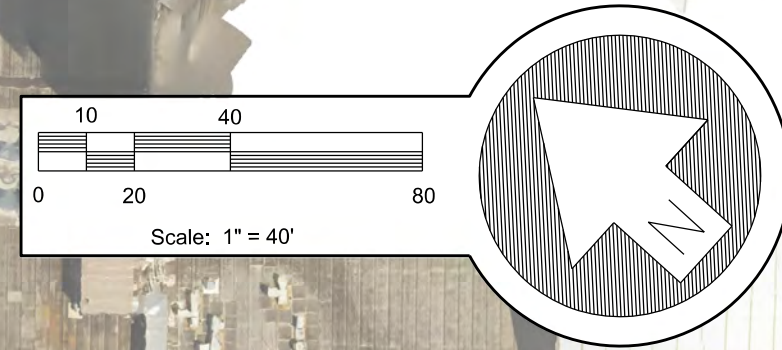
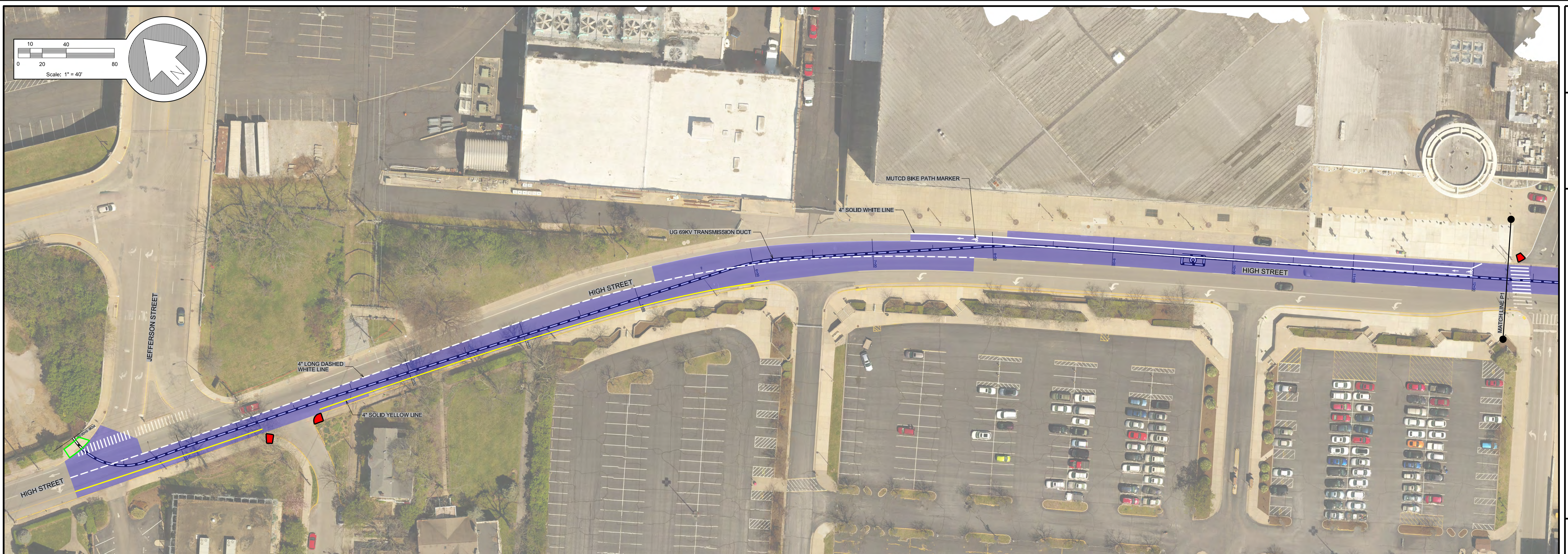
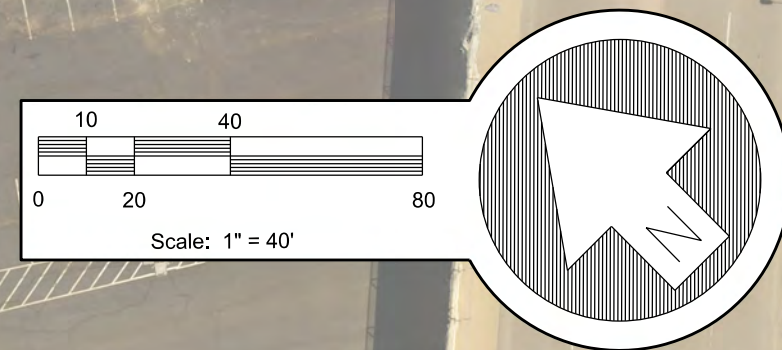


P.O. BOX 204
 165 FOSTER LANE
 STANFORD, KY 40464
 PHONE (606) 365-8362
 FAX (606) 365-1097



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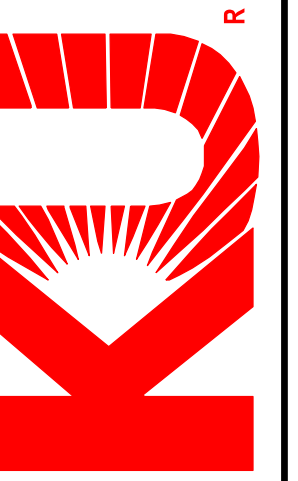
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LEGEND			
	CENTERLINE OF UG 69KV TRANSMISSION DUCT		MUTCD BIKE PATH MARKER WITH TWO DIRECTIONAL CHEVRONS
	4' SOLID DOUBLE YELLOW		2' GREEN BIKE PATH BAR
	4' SOLID SINGLE YELLOW		STRAIGHT TRAFFIC ARROW (SMALL)
	4' SOLID SINGLE WHITE		LEFT/RIGHT TURN ONLY TRAFFIC ARROWS
	4' LONG DASH WHITE		LEFT/RIGHT TURN ONLY TRAFFIC ARROWS
	4' SHORT DASHED WHITE		STRAIGHT TRAFFIC ARROW (LARGE)
	2' WHITE TRAFFIC STOP BAR		RAMP TO BE REPLACED TO MEET ADA STANDARDS, PAID BY KENTUCKY UTILITIES
	1' WHITE CROSSWALK BAR		RAMP CONFORMS TO CURRENT ADA STANDARDS
	4' WHITE PARKING CORNER (AND ALTERNATIVE)		PUBLIC PARKING MARKER
	"ONLY" TEXT MARKER		AREA TO MILL AND PAVE, PAID FOR BY KENTUCKY UTILITIES

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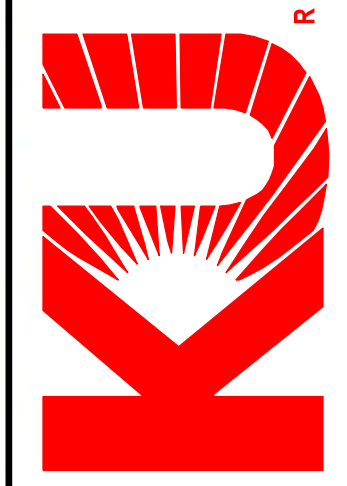
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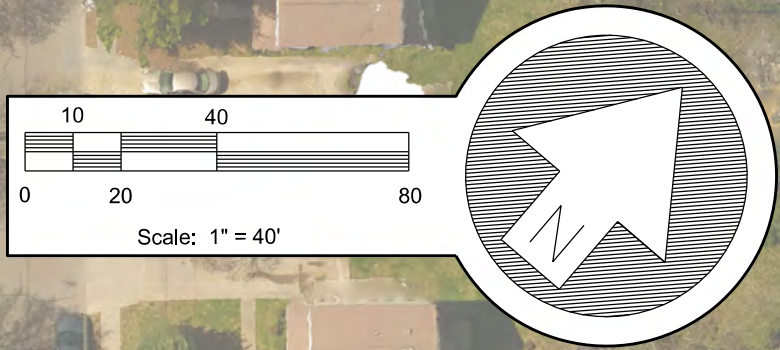
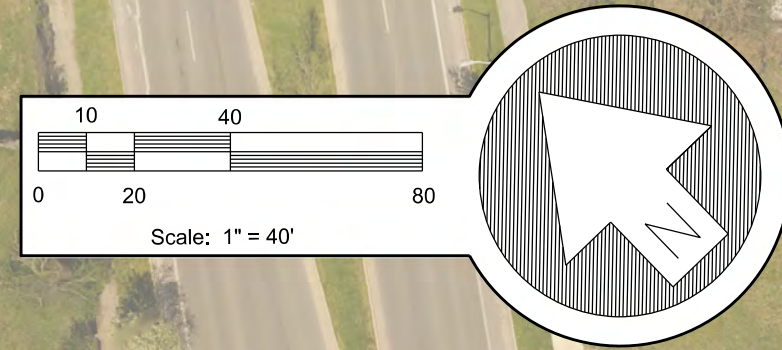
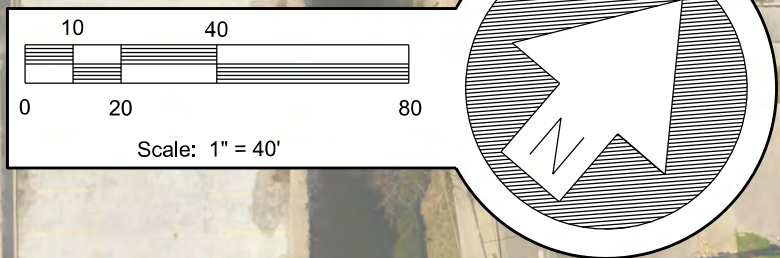
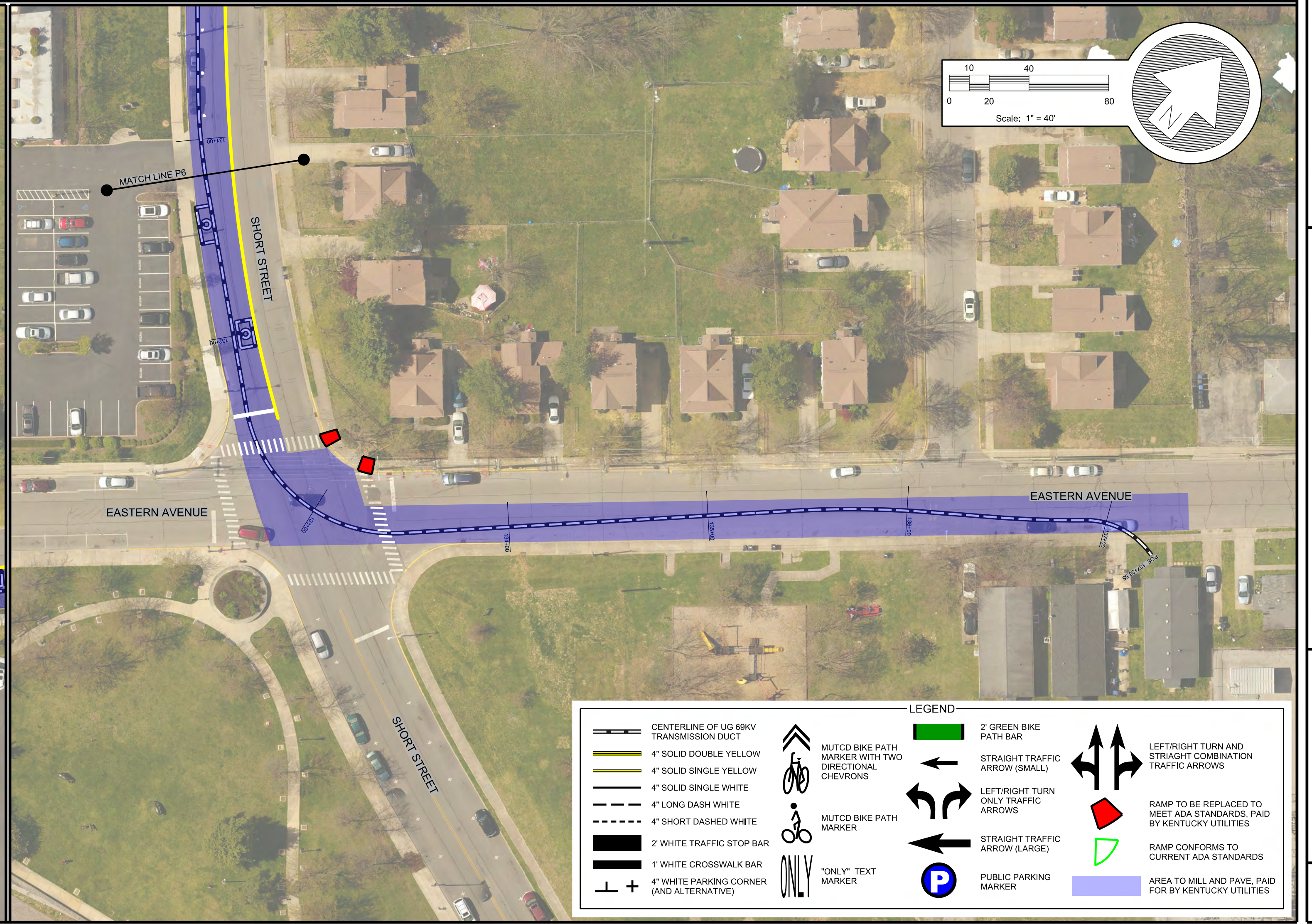
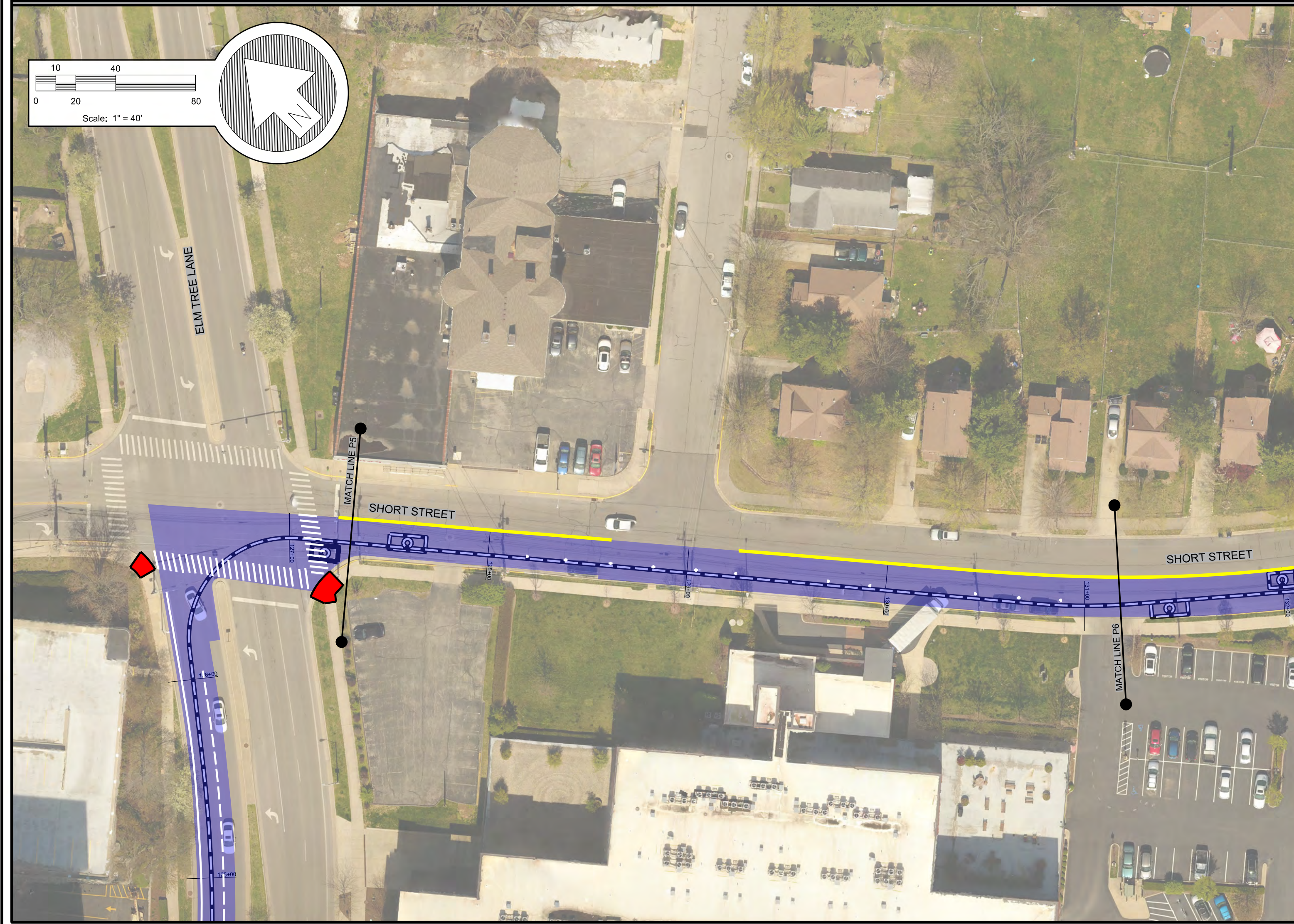
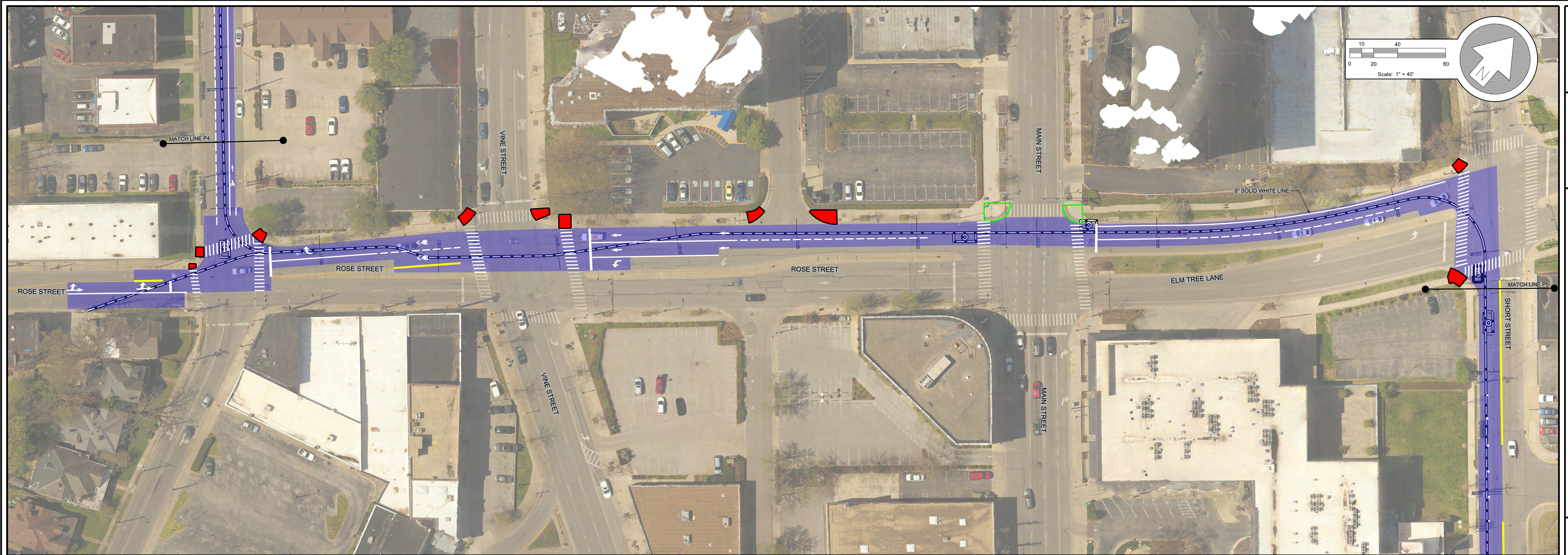
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