

MODEL: SOQ1 (Sheet)
FILE NAME: c:\pwworking\farhan\mtd0860996\p157408-sh1-SOQ.dgn

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
				80% FEDERAL 20% STATE	80% FEDERAL 13.3% STATE 6.7% BARTLETT	80% FEDERAL 20% STATE	100% BARTLETT	100% BARTLETT	100% STATE
				ROADWAY 0004	TR. SIGNALS 0021	INTERCONNECT 0021	E.V.P. 0021	LIGHTING 0021	ROADWAY 0004
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
20101000	TEMPORARY FENCE	FOOT	1719	1719					
20200100	EARTH EXCAVATION	CUYD	5640	5640					
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CUYD	387	387					
20800150	TRENCH BACKFILL	CUYD	1271	1271					
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1159	1159					
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CUYD	2139	2139					
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	200	200					
* 25000210	SEEDING, CLASS 2A	ACRE	0.64	0.64					
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	97	97					
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	97	97					
* 25000750	MOWING	ACRE	10	10					
25100115	MULCH, METHOD 2	ACRE	2.03	2.03					
* 25100645	WILDLIFE FRIENDLY EROSION CONTROL BLANKET	SQ YD	5349	5349					
* 25200110	SODDING, SALT TOLERANT	SQ YD	3104	3104					
* 25200200	SUPPLEMENTAL WATERING	UNIT	250	250					
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	204	204					
28000305	TEMPORARY DITCH CHECKS	FOOT	1570	1570					
28000400	PERIMETER EROSION BARRIER	FOOT	5865	5865					
28000500	INLET AND PIPE PROTECTION	EACH	2	2					
28000510	INLET FILTERS	EACH	53	53					
28100105	STONE RIPRAP, CLASS A3	SQ YD	18	18					
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CUYD	387	387					
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	6104	6104					
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	390	390					
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	1491	1491					
* SPECIALTY ITEM									

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
				80% FEDERAL 20% STATE	80% FEDERAL 13.3% STATE 6.7% BARTLETT	80% FEDERAL 20% STATE	100% BARTLETT	100% BARTLETT	100% STATE
				ROADWAY 0004	TR. SIGNALS 0021	INTERCONNECT 0021	E.V.P. 0021	LIGHTING 0021	ROADWAY 0004
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	21	21					
35501304	HOT-MIX ASPHALT BASE COURSE, 5"	SQ YD	421	421					
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	139	139					
35501311	HOT-MIX ASPHALT BASE COURSE, 6 3/4"	SQ YD	76	76					
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	802	802					
35501327	HOT-MIX ASPHALT BASE COURSE, 10 3/4"	SQ YD	3704	3704					
35600719	HOT-MIX ASPHALT BASE COURSE WIDENING, 10 3/4"	SQ YD	44	44					
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	12953	12953					
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	16247	16247					
40600370	LONGITUDINAL JOINT SEALANT	FOOT	12827	12827					
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	28	28					
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	132	132					
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	930	930					
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	328	328					
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	183	183					
40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80	TON	2052	2052					
42000400	PORTLAND CEMENT CONCRETE PAVEMENT 9"	SQ YD	48	48					
42001300	PROTECTIVE COAT	SQ YD	2785	2785					
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	7976	7976					
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	3885	3885					
42400800	DETECTABLE WARNINGS	SQ FT	75	75					
44000100	PAVEMENT REMOVAL	SQ YD	481	481					
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	1301	1301					

 REVISED SHEET 4/10/2026

USER NAME = farhan.tariq	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -							345	2021-133-N	COOK	141	4
	CHECKED -	REVISED -							CONTRACT NO. 62P51				
	DATE -	REVISED -							ILLINOIS FED. AID PROJECT				
PLOT DATE = 2/3/2026		DATE -	REVISED -	SCALE:		SHEET 1	OF 6	SHEETS	STA.	TO STA.			

MODEL: SQ03 (Sheet)
FILE NAME: c:\pwworking\farhan\m0860996\p157408-sh1-SQ03.dgn

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
				80% FEDERAL 20% STATE	80% FEDERAL 13.3% STATE 6.7% BARTLETT	80% FEDERAL 20% STATE	100% BARTLETT	100% BARTLETT	100% STATE
				ROADWAY 0004 URBAN	TR. SIGNALS 0021 URBAN	INTERCONNECT 0021 URBAN	E.V.P. 0021 URBAN	LIGHTING 0021 URBAN	ROADWAY 0004 URBAN
60600605	CONCRETE CURB, TYPE B	FOOT	377	377					
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	625	625					
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	2594	2594					
* 66900200	NON-SPECIAL WASTE DISPOSAL	CUYD	5116	5116					
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	6	6					
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1					
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1					
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	20	20					
67100100	MOBILIZATION	L SUM	1	1					
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	168	168					
70300100	SHORT TERM PAVEMENT MARKING	FOOT	11278	11278					
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	14206	14206					
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	728	728					
70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	25952	25952					
70300241	TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT	FOOT	3338	3338					
70300261	TEMPORARY PAVEMENT MARKING - LINE 12" - PAINT	FOOT	4482	4482					
70300281	TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT	FOOT	438	438					
70303100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - MODIFIED URETHANE	SQ FT	72.8	72.8					
70303120	TEMPORARY PAVEMENT MARKING - LINE 4" - MODIFIED URETHANE	FOOT	16980	16980					
70303130	TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE	FOOT	431	431					
70303160	TEMPORARY PAVEMENT MARKING - LINE 12" - MODIFIED URETHANE	FOOT	325	325					
70303210	TEMPORARY PAVEMENT MARKING - LINE 24" - MODIFIED URETHANE	FOOT	134	134					
70307100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE	SQ FT	145.6	145.6					
* SPECIALTY ITEM									

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				ROADWAY 0004 URBAN	TR. SIGNALS 0021 URBAN	INTERCONNECT 0021 URBAN	E.V.P. 0021 URBAN	LIGHTING 0021 URBAN	ROADWAY 0004 URBAN
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	37356	37356					
70307130	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	862	862					
70307160	TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE	FOOT	641	641					
70307210	TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE	FOOT	268	268					
70400100	TEMPORARY CONCRETE BARRIER	FOOT	2400	2400					
70400125	PINNING TEMPORARY CONCRETE BARRIER	EACH	306	306					
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	2400	2400					
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	6	6					
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	4	4					
* 72000100	SIGN PANEL - TYPE 1	SQ FT	128.1	99.1	29				
* 72000200	SIGN PANEL - TYPE 2	SQ FT	57	32	25				
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	18	18					
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	12	12					
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	51.6	51.6					
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	11	11					
* 72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	10	10					
* 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	49	49					
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	256	256					
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	364	364					
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	12976	12976					
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1669	1669					
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2241	2241					
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	219	219					

 REVISED SHEET 4/10/2026

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		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.			
SCALE:	SHEET 3	OF 6 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	6
CONTRACT NO. 62P51				
ILLINOIS FED. AID PROJECT				

MODEL: SQOQ (Sheet)
FILE NAME: c:\pwworking\farhan\m0860966\p157408-ah1-SQOQ.dgn

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
				80% FEDERAL 20% STATE	80% FEDERAL 13.3% STATE 6.7% BARTLETT	80% FEDERAL 20% STATE	100% BARTLETT	100% BARTLETT	100% STATE
				ROADWAY 0004 URBAN	TR. SIGNALS 0021 URBAN	INTERCONNECT 0021 URBAN	E.V.P. 0021 URBAN	LIGHTING 0021 URBAN	ROADWAY 0004 URBAN
* 78004620	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 4"	FOOT	1360	1360					
* 78004635	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 7"	FOOT	120	120					
* 78009004	MODIFIED URETHANE PAVEMENT MARKING- LINE 4"	FOOT	960	960					
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	52	52					
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	207	207					
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	27	27					
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	1360	1360					
* 78011040	GROOVING FOR RECESSED PAVEMENT MARKING 8"	FOOT	120	120					
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	299	299					
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	299	299					
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	6825	6825					
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	1070	1070					
*									
*									
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA	FOOT	2002	1397	605				
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA	FOOT	149	149					
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA	FOOT	1474	885			589		
* 81400100	HANDHOLE	EACH	6	6					
* 81400200	HEAVY-DUTY HANDHOLE	EACH	5	5					
* 81400300	DOUBLE HANDHOLE	EACH	4	4					
* 81603156	UNIT DUCT, 600V, 5-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 2" DIA. POLYETHYLENE	FOOT	4086				4086		
* 81702400	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2	FOOT	50				50		
* 82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	1				1		
*	SPECIALTY ITEM								

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				ROADWAY 0004 URBAN	TR. SIGNALS 0021 URBAN	INTERCONNECT 0021 URBAN	E.V.P. 0021 URBAN	LIGHTING 0021 URBAN	ROADWAY 0004 URBAN
* 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	261					261	
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1			1			
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1248		1248				
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2348		2348				
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3703		3703				
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1981		1981				
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	4366		4366				
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	164		164				
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1296		1296				
* 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	5		5				
* 87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1		1				
* 87700250	STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	1		1				
* 87700260	STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	2		2				
* 87700270	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1		1				
* 87702920	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.	EACH	1		1				
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	28		28				
* 87800200	CONCRETE FOUNDATION, TYPE D	FOOT	8		8				
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	76		76				
* 87900200	DRILL EXISTING HANDHOLE	EACH	1		1				
* 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	10		10				
* 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	6		6				
* 88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	6		6				
* 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	6		6				
* 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8		8				
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	15		15				

1 REVISED SHEET 4/10/2026

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.			
SCALE:	SHEET 4	OF 6 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	7
CONTRACT NO. 62P51				
ILLINOIS FED. AID PROJECT				

MODEL: SOQS (Sheet)
FILE NAME: c:\brow_wor\pwwork\farhan\m080696\p157408-ah1-SOQ.dgn

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
				80% FEDERAL 20% STATE	80% FEDERAL 13.3% STATE 6.7% BARTLETT	80% FEDERAL 20% STATE	100% BARTLETT	100% BARTLETT	100% STATE
				ROADWAY 0004	TR. SIGNALS 0021	INTERCONNECT 0021	E.V.P. 0021	LIGHTING 0021	ROADWAY 0004
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
* 88600100	DETECTOR LOOP, TYPE I	FOOT	1364		1364				
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2		2				
* 89501100	RELOCATE EXISTING TRAFFIC SIGNAL CONTROLLER	EACH	2		2				
* 89501400	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	4				4		
* 89501410	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	2				2		
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2		2				
* 89502380	REMOVE EXISTING HANDHOLE	EACH	11		11				
* 89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	2		2				
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	14		14				
* A2002916	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED	EACH	3	3					
* A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	5	5					
* A2007210	TREE, QUERCUS X MACDANIELLI CLEMONS (HERITAGE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	2	2					
* A2007816	TREE, TILIA AMERICANA (AMERICAN LINDEN/ BASSWOOD), 2" CALIPER, BALLED AND BURLAPPED	EACH	4	4					
* B2000133	TREE, ACER X FREEMANII BAILSTON (MATADOR FREEMAN MAPLE), 2" CALIPER, BALLED & BURLAPPED	EACH	4	4					
* B2002772	TREE, MALUS X ADSTRINGENS 'DURELO' (GLADIATOR CRABAPPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	5	5					
* B2004416	TREE, MALUS RED BARON (RED BARON CRAB APPLE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	5	5					
* B2006220	TREE, SYRINGARETICULATA (JAPANESE TREE LILAC), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	1	1					
* C2001103	SHRUB, CEPHALANTHUS OCCIDENTALIS SMOOSS (SUGAR SHACK BUTTON BUSH), CONTAINER GROWN, 3-GALLON	EACH	10	10					
* K0029614	WEED CONTROL, AQUATIC	GALLON	2.5	2.5					
* K1005863	TREE ROOT PRUNING	EACH	10	10					
* X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	1054				1054		
* X0327120	WEED CONTROL, NATIVE LANDSCAPE ENHANCEMENT	ACRE	3	3					
* X0327211	RELOCATE SWITCH	EACH	2		2				
* SPECIALTY ITEM									

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				ROADWAY 0004	TR. SIGNALS 0021	INTERCONNECT 0021	E.V.P. 0021	LIGHTING 0021	ROADWAY 0004
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
* X1400102	OUTDOOR RATED NETWORK CABLE	FOOT	190		190				
* X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	2		2				
* X1400217	TERMINATE FIBER IN CABINET	EACH	12			12			
* X1400238	LUMINAIRE, LED, SPECIAL	EACH	60					60	
* X1400367	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	4		4				
* X1400368	RELOCATE EXISTING PTZ CAMERA	EACH	1		1				
* X1400378	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	2		2				
* X2501800	SEEDING, CLASS 4 (MODIFIED)	ACRE	0.162	0.162					
* X2502014	SEEDING, CLASS 4A (MODIFIED)	ACRE	0.303	0.303					
* X2503110	MOWING (SPECIAL)	ACRE	4	4					
* X2520704	NATIVE SODDING, SPECIAL	SQ YD	1394	1394					
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	3	3					
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	7	7					
X4240800	DETECTABLE WARNINGS (SPECIAL)	SQ FT	178	178					
X5021507	DEWATERING	L SUM	1	1					
X5021512	COFFERDAM (TYPE 1) (IN-STREAM WETLAND WORK)	EACH	1	1					
X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	396						396
X5537900	STORM SEWERS TO BE CLEANED 15"	FOOT	166						166
X5538200	STORM SEWERS TO BE CLEANED 24"	FOOT	498						498
X5538700	STORM SEWERS TO BE CLEANED 42"	FOOT	334						334
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	2	2					
X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	12	12					
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1					

 REVISED SHEET 4/10/2026

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		DRAWN -	REVISED -						345	2021-133-N	COOK	141	8
		CHECKED -	REVISED -		CONTRACT NO. 62P51								
	PLOT DATE = 2/3/2026	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
	SCALE:		SHEET 5 OF 6 SHEETS		STA. TO STA.								

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
				80% FEDERAL 20% STATE	80% FEDERAL 13.3% STATE 6.7% BARTLETT	80% FEDERAL 20% STATE	100% BARTLETT	100% BARTLETT	100% STATE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004	TR. SIGNALS 0021	INTERCONNECT 0021	E.V.P. 0021	LIGHTING 0021	ROADWAY 0004
X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	152.8	152.8					
X7830050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	66	66					
* X7830052	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REPLACEMENT	EACH	66	66					
* X8300001	LIGHT POLE (SPECIAL)	EACH	30					30	
* X8620250	UNINTERRUPTABLE POWER SUPPLY AND CABINET (SPECIAL)	EACH	2		2				
* X8630104	CONTROLLER CABINET TYPE IV (SPECIAL)	EACH	2		2				
* X8710317	SPLICE FIBER IN CABINET	EACH	12			12			
* X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8		8				
* X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	24		24				
* X8809005	LED SIGNAL FACE, LENS COVER	EACH	28		28				
* X8900104	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2		2				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1					
* X8950512	REMOVE AND REINSTALL FIBER OPTIC CABLE FROM CONDUIT	FOOT	3140			3140			
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	7						7
* Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1			1			
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	7.4	7.4					
Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	81.4	81.4					
Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	78.6	78.6					
Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	396.2	396.2					
35400107	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 6 3/4"	SQ YD	231	231					
35400507	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10 3/4"	SQ YD	121	121					
X5509913	ABANDON AND FILL EXISTING BOX CULVERT	FOOT	52	52					
* 88200110	TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	16		16				
* K0029632	WEED CONTROL, NON-SELECTIVE AND NON-RESIDUAL	GALLON	2.5	2.5					
Z0076600	TRAINEES	HOUR	1000	1000					
Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	1000	1000					

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: SHEET 6 OF 6 SHEETS STA. TO STA.

F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.

345 2021-133-N COOK 141 9

CONTRACT NO. 62P51

ILLINOIS FED. AID PROJECT

REVISI
1

REVISED SHEET 4/10/2026
* SPECIALTY ITEM

Ø 0042

EARTHWORK SCHEDULE								
1	2	3	4	5	6	7	8	9
US 20 (LAKE STREET) AT OAK AVENUE AND BARTLETT ROAD	EARTH EXCAVATION (CU. YD.)	EARTH EXCAVATION TO BE USED AS EMBANKMENT (ADJUSTED FOR SHRINKAGE AND a(5)) (CU. YD.)	EMBANKMENT (CU. YD.)	EARTHWORK BALANCE SURPLUS (+) OR SHORTAGE (-) (CU. YD.)	TOPSOIL EXCAVATION (CU. YD.)	TOPSOIL EXCAVATION TO BE USED FOR LANDSCAPING (ADJUSTED FOR a(5)) (CU. YD.)	TOPSOIL REQUIRED FOR LANDSCAPING (CU. YD.)	TOPSOIL BALANCE SURPLUS (+) OR SHORTAGE (-) (CU. YD.)
STAGE 1	3149	2065	827	1238	1305	914	742	172
STAGE 2	2491	1517	361	1156	834	653	351	302
TOTAL =	5640	3582	1188	2394	2139	1567	1093	474

COLUMN 1: LOCATION FROM PLANS

COLUMN 2: CUT QUANTITIES FROM CROSS SECTIONS, WHICH DOES NOT INCLUDE UNSUITABLE MATERIAL OR TOPSOIL

COLUMN 3: EARTH EXCAVATION THAT IS TO BE USED AS EMBANKMENT, ADJUSTED FOR SHRINKAGE (SHRINKAGE FACTOR = 15%) AND DUE TO PRESENCE OF ARTICLE 669.05(a)(5) CONTAMINATED SITE PER "REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES (PROJECT SPECIFIC)" SPECIAL PROVISION

COLUMN 4: FILL QUANTITIES FROM CROSS SECTIONS

COLUMN 5: COLUMN 3 - COLUMN 4

POSITIVE QUANTITY = EXTRA EXCAVATION

NEGATIVE QUANTITY = FURNISHED EXCAVATION NEEDED

COLUMN 6: TOPSOIL EXCAVATED TO A DEPTH OF 6" IN AREAS THAT SHALL BE DISTURBED BY PROPOSED WORK

COLUMN 7: TOPSOIL EXCAVATION THAT IS TO BE USED FOR LANDSCAPING, ADJUSTED DUE TO PRESENCE OF ARTICLE 669.05(a)(5) CONTAMINATED SITE PER "REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES (PROJECT SPECIFIC)" SPECIAL PROVISION

COLUMN 8: TOPSOIL REQUIRED BASED ON AREA OF PROPOSED SEEDING AND SODDING (PLACED AT AREAS OF PROPOSED SEEDING AT A DEPTH OF 4")

COLUMN 9: COLUMN 7 - COLUMN 8

POSITIVE QUANTITY = EXTRA TOPSOIL

NEGATIVE QUANTITY = TOPSOIL FURNISH AND PLACE NEEDED

NOTE: SOILS CLASSIFIED IN ACCORDANCE WITH ARTICLE 669.05(a)(1) AND 669.05(b)(1) SHALL BE RESUSED ONSITE AS NEEDED BEFORE THE USE OF SOILS CLASSIFIED OTHERWISE.

1

MODEL: Schedule01 [Sheet]
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	USER NAME = farhan.lariq	DESIGNED -	REVISED - 11 FT, 4/2/2026	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					345	2021-133-N	COOK	141	16
		CHECKED -	REVISED -					CONTRACT NO. 62P51				
	PLOT DATE = 2/3/2026	DATE -	REVISED -		SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

EXISTING LEGEND

(R1)

EARTH EXCAVATION (FOR AGGREGATE SHOULDER REMOVAL)

(R2)

PAVEMENT REMOVAL

(R3)

HMA SURFACE REMOVAL, 2½"

(R4)

HMA SURFACE REMOVAL, 2½"

(R5)

DRIVEWAY PAVEMENT REMOVAL

(R6)

CURB REMOVAL

(R7)

COMBINATION CURB AND GUTTER REMOVAL

(R8)

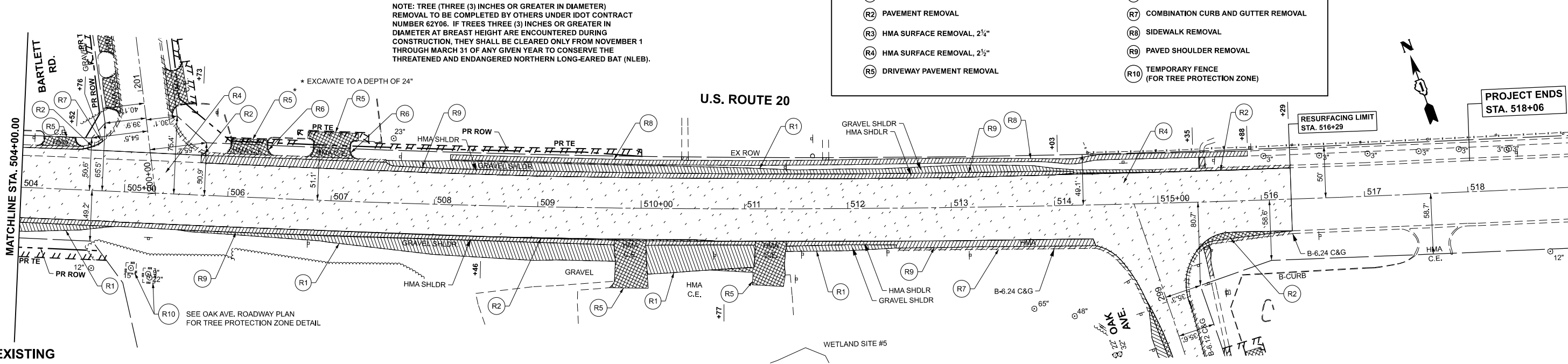
SIDEWALK REMOVAL

(R9)

PAVED SHOULDER REMOVAL

(R10)

TEMPORARY FENCE (FOR TREE PROTECTION ZONE)



PROPOSED LEGEND

US 20 PAVEMENT WIDENING AND SHOULDER RECONSTRUCTION > 6' WIDE

(A) POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1½"

POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; ¾"

HMA BASE COURSE, 10½"

AGGREGATE SUBGRADE IMPROVEMENT, 12"

US 20 PAVEMENT WIDENING AND SHOULDER RECONSTRUCTION ≤ 6' WIDE

(B) POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1½"

POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; ¾"

HMA BASE COURSE WIDENING, 10½"

AGGREGATE SUBGRADE IMPROVEMENT, 12"

AGGREGATE SHOULDER

(C) AGGREGATE SHOULDERS, TYPE B, 6"

US 20 PAVEMENT WIDENING ADJACENT TO PROPOSED CURB AND GUTTER > 6' WIDE

(D) POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1½"

POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; ¾"

HMA BASE COURSE, 10½"

AGGREGATE SUBGRADE IMPROVEMENT, 12"

US 20 PAVEMENT WIDENING ADJACENT TO PROPOSED CURB AND GUTTER ≤ 6' WIDE

(E) POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1½"

POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; ¾"

PCC BASE COURSE WIDENING, 10½"

AGGREGATE SUBGRADE IMPROVEMENT, 12"

US 20 PAVEMENT AND SHOULDER RESURFACING

(F) POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1½"

POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; ¾"

OLD LAKE ST. PAVEMENT AND SHOULDER RECONSTRUCTION

(G) HMA SURFACE COURSE, IL-9.5, MIX "D", N70; 2"

HMA BASE COURSE, 5"

AGGREGATE SUBGRADE IMPROVEMENT, 12"

BARTLETT RD. PAVEMENT WIDENING

(H) PCC PAVEMENT 9"

AGGREGATE SUBGRADE IMPROVEMENT, 12"

OAK AVE. PAVEMENT WIDENING > 6' WIDE

(I) HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1½"

POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, ¾"

HMA BASE COURSE, 6½"

AGGREGATE SUBGRADE IMPROVEMENT, 12"

OAK AVE. PAVEMENT WIDENING AND SHOULDER RECONSTRUCTION ≤ 6' WIDE

(J) HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1½"

POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, ¾"

PCC BASE COURSE WIDENING, 6½"

AGGREGATE SUBGRADE IMPROVEMENT, 12"

OAK AVE. PAVEMENT RESURFACING

(K) HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1½"

POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, ¾"

US 20 SHARED-USE PATH

(L) HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 2"

AGGREGATE BASE COURSE, TYPE B, 6"

BARTLETT RD. SHARED-USE PATH

(M) HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 4"

AGGREGATE BASE COURSE, TYPE B, 6"

US 20 AND OAK AVE. SIDEWALK

(N) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH

(O) PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH

BARTLETT RD. SIDEWALK

(P) PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH

AGGREGATE BASE COURSE, TYPE B, 4"

(Q) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH

AGGREGATE BASE COURSE, TYPE B, 4"

DRIVEWAYS

(R) HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 2"

HMA BASE COURSE, 6"

(S) HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 2"

HMA BASE COURSE, 8"

(T) HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 2"

AGGREGATE BASE COURSE, TYPE B, 8"

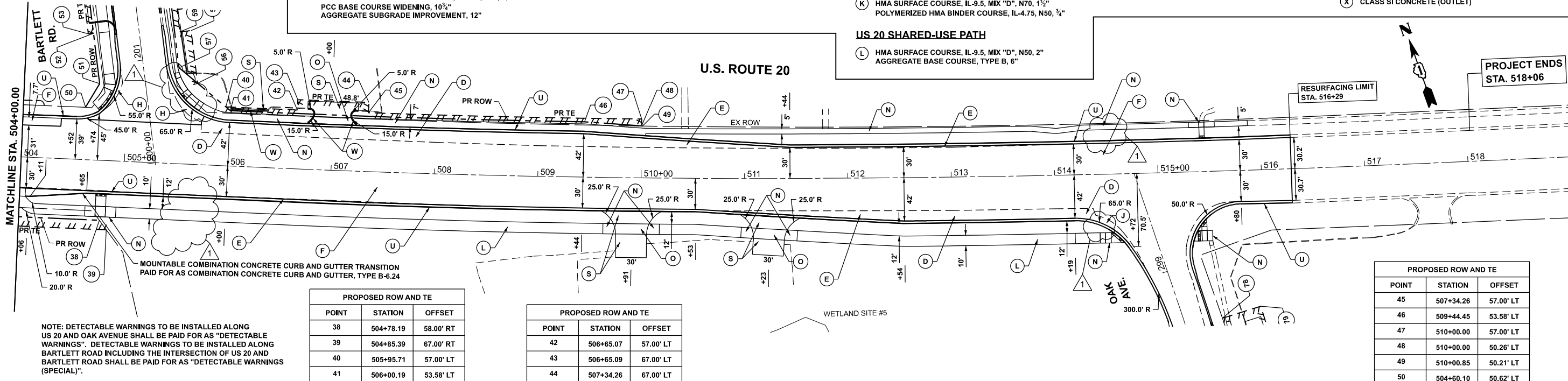
CURB OR CURB AND GUTTER

(U) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

(V) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12

(W) CONCRETE CURB, TYPE B

(X) CLASS SI CONCRETE (OUTLET)



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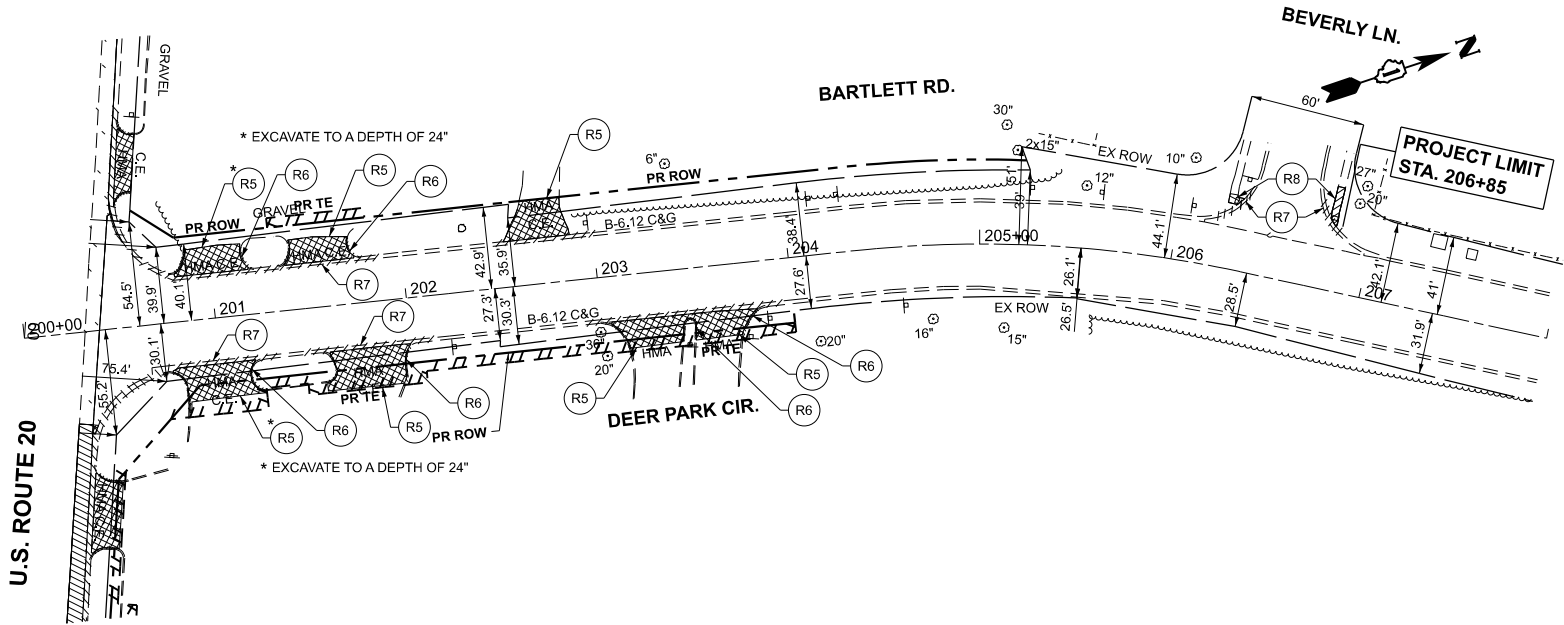
PLOT DATE	USER NAME	DESIGNED	REVISED
	= farhan.tariq	-	- FT, 3/3/2026
		DRAWN	- 3/27/2026
		CHECKED	-
DATE			REVISED
			-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED ROADWAY PLAN US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.			
SCALE: 1"=50'	SHEET 2	OF 7 SHEETS	STA. 504+00.00 TO STA. 519+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	20
CONTRACT NO. 62P51				
ILLINOIS / FED. AID PROJECT				

NOTE: TREE (THREE (3) INCHES OR GREATER IN DIAMETER) REMOVAL TO BE COMPLETED BY OTHERS UNDER IDOT CONTRACT NUMBER 62Y06. IF TREES THREE (3) INCHES OR GREATER IN DIAMETER AT BREAST HEIGHT ARE ENCOUNTERED DURING CONSTRUCTION, THEY SHALL BE CLEARED ONLY FROM NOVEMBER 1 THROUGH MARCH 31 OF ANY GIVEN YEAR TO CONSERVE THE THREATENED AND ENDANGERED NORTHERN LONG-EARED BAT (NLEB).



EXISTING LEGEND

- (R1) EARTH EXCAVATION (FOR AGGREGATE SHOULDER REMOVAL)
- (R2) PAVEMENT REMOVAL
- (R3) HMA SURFACE REMOVAL, 2¼"
- (R4) HMA SURFACE REMOVAL, 2½"
- (R5) DRIVEWAY PAVEMENT REMOVAL
- (R6) CURB REMOVAL
- (R7) COMBINATION CURB AND GUTTER REMOVAL
- (R8) SIDEWALK REMOVAL
- (R9) PAVED SHOULDER REMOVAL
- (R10) TEMPORARY FENCE (FOR TREE PROTECTION ZONE)

PROPOSED LEGEND

US 20 PAVEMENT WIDENING AND SHOULDER RECONSTRUCTION > 6' WIDE

- (A) POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1¾"
- POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; ¾"
- HMA BASE COURSE, 10¾"
- AGGREGATE SUBGRADE IMPROVEMENT, 12"

US 20 PAVEMENT WIDENING AND SHOULDER RECONSTRUCTION ≤ 6' WIDE

- (B) POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1¾"
- POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; ¾"
- HMA BASE COURSE WIDENING, 10¾"
- AGGREGATE SUBGRADE IMPROVEMENT, 12"

AGGREGATE SHOULDER

- (C) AGGREGATE SHOULDERS, TYPE B, 6"

US 20 PAVEMENT WIDENING ADJACENT TO PROPOSED CURB AND GUTTER > 6' WIDE

- (D) POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1¾"
- POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; ¾"
- HMA BASE COURSE, 10¾"
- AGGREGATE SUBGRADE IMPROVEMENT, 12"

US 20 PAVEMENT WIDENING ADJACENT TO PROPOSED CURB AND GUTTER ≤ 6' WIDE

- (E) POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1¾"
- POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; ¾"
- PCC BASE COURSE WIDENING, 10¾"
- AGGREGATE SUBGRADE IMPROVEMENT, 12"

US 20 PAVEMENT AND SHOULDER RESURFACING

- (F) POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1¾"
- POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; ¾"

OLD LAKE ST. PAVEMENT AND SHOULDER RECONSTRUCTION

- (G) HMA SURFACE COURSE, IL-9.5, MIX "D", N70; 2"
- HMA BASE COURSE, 5"
- AGGREGATE SUBGRADE IMPROVEMENT, 12"

BARTLETT RD. PAVEMENT WIDENING

- (H) PCC PAVEMENT 9"
- AGGREGATE SUBGRADE IMPROVEMENT, 12"

OAK AVE. PAVEMENT WIDENING > 6' WIDE

- (I) HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1½"
- POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, ¾"
- HMA BASE COURSE, 6¾"
- AGGREGATE SUBGRADE IMPROVEMENT, 12"

OAK AVE. PAVEMENT WIDENING AND SHOULDER RECONSTRUCTION ≤ 6' WIDE

- (J) HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1½"
- POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, ¾"
- PCC BASE COURSE WIDENING, 6¾"
- AGGREGATE SUBGRADE IMPROVEMENT, 12"

OAK AVE. PAVEMENT RESURFACING

- (K) HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1½"
- POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, ¾"

US 20 SHARED-USE PATH

- (L) HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
- AGGREGATE BASE COURSE, TYPE B, 6"

BARTLETT RD. SHARED-USE PATH

- (M) HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 4"
- AGGREGATE BASE COURSE, TYPE B, 6"

US 20 AND OAK AVE. SIDEWALK

- (N) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (O) PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH

BARTLETT RD. SIDEWALK

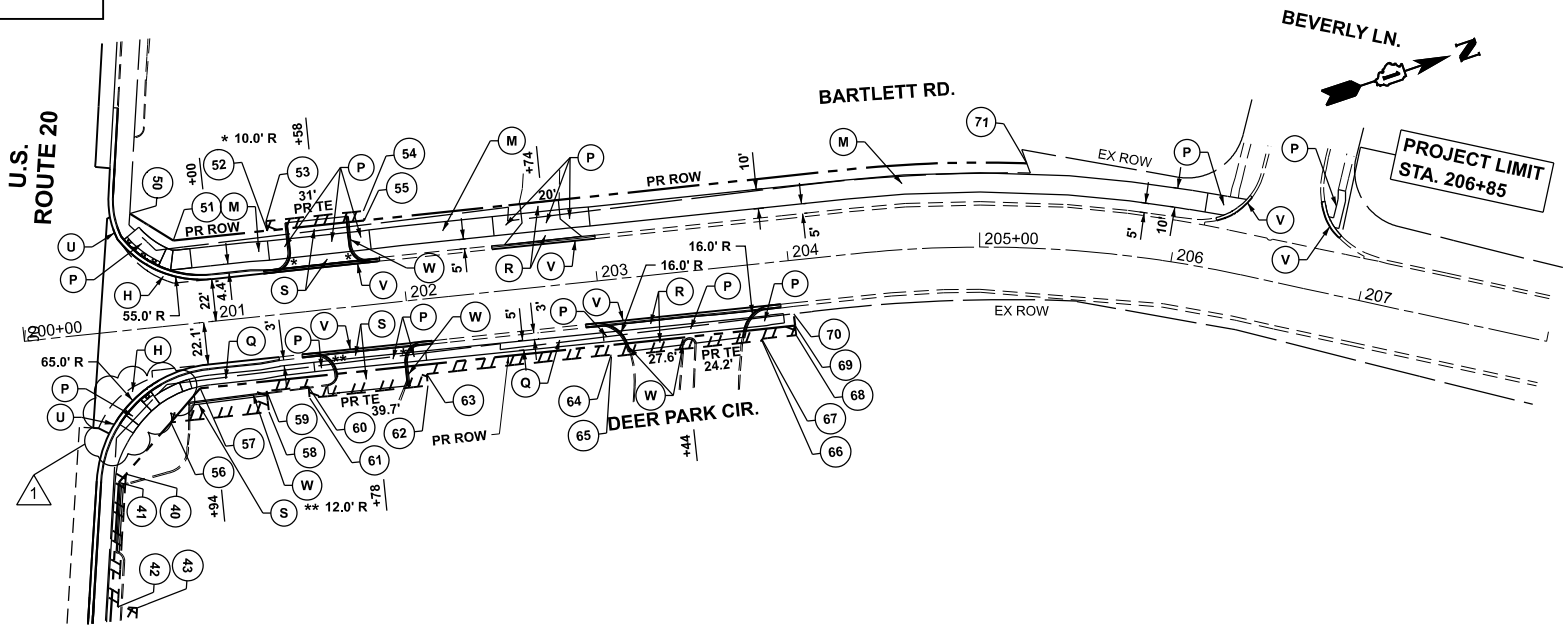
- (P) PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH
- AGGREGATE BASE COURSE, TYPE B, 4"
- (Q) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- AGGREGATE BASE COURSE, TYPE B, 4"

DRIVEWAYS

- (R) HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
- HMA BASE COURSE, 6"
- (S) HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
- HMA BASE COURSE, 8"
- (T) HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
- AGGREGATE BASE COURSE, TYPE B, 8"

CURB OR CURB AND GUTTER

- (U) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (V) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (W) CONCRETE CURB, TYPE B
- (X) CLASS SI CONCRETE (OUTLET)



NOTE: DETECTABLE WARNINGS TO BE INSTALLED ALONG US 20 AND OAK AVENUE SHALL BE PAID FOR AS "DETECTABLE WARNINGS". DETECTABLE WARNINGS TO BE INSTALLED ALONG BARTLETT ROAD INCLUDING THE INTERSECTION OF US 20 AND BARTLETT ROAD SHALL BE PAID FOR AS "DETECTABLE WARNINGS (SPECIAL)".

PROPOSED ROW AND TE		
POINT	STATION	OFFSET
51	200+82.57	44.00' LT
52	201+31.69	44.00' LT
53	201+31.69	49.00' LT
54	201+82.62	49.00' LT
55	201+82.62	44.00' LT
56	200+71.35	50.00' RT
57	200+88.43	34.00' RT
58	200+22.76	50.00' RT
59	200+22.76	39.00' RT
60	201+44.65	39.00' RT
61	201+44.65	45.00' RT

PROPOSED ROW AND TE		
POINT	STATION	OFFSET
62	202+06.58	45.00' RT
63	202+06.58	39.00' RT
64	203+03.13	39.00' RT
65	203+03.13	40.00' RT
66	203+82.02	40.00' RT
67	203+82.02	39.00' RT
68	204+00.00	39.00' RT
69	204+00.00	34.00' RT
70	204+00.00	27.79' RT
71	205+23.02	44.00' LT

PROPOSED

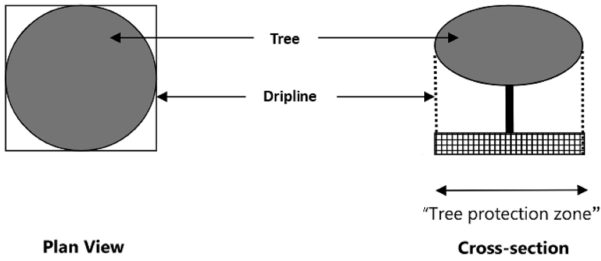
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

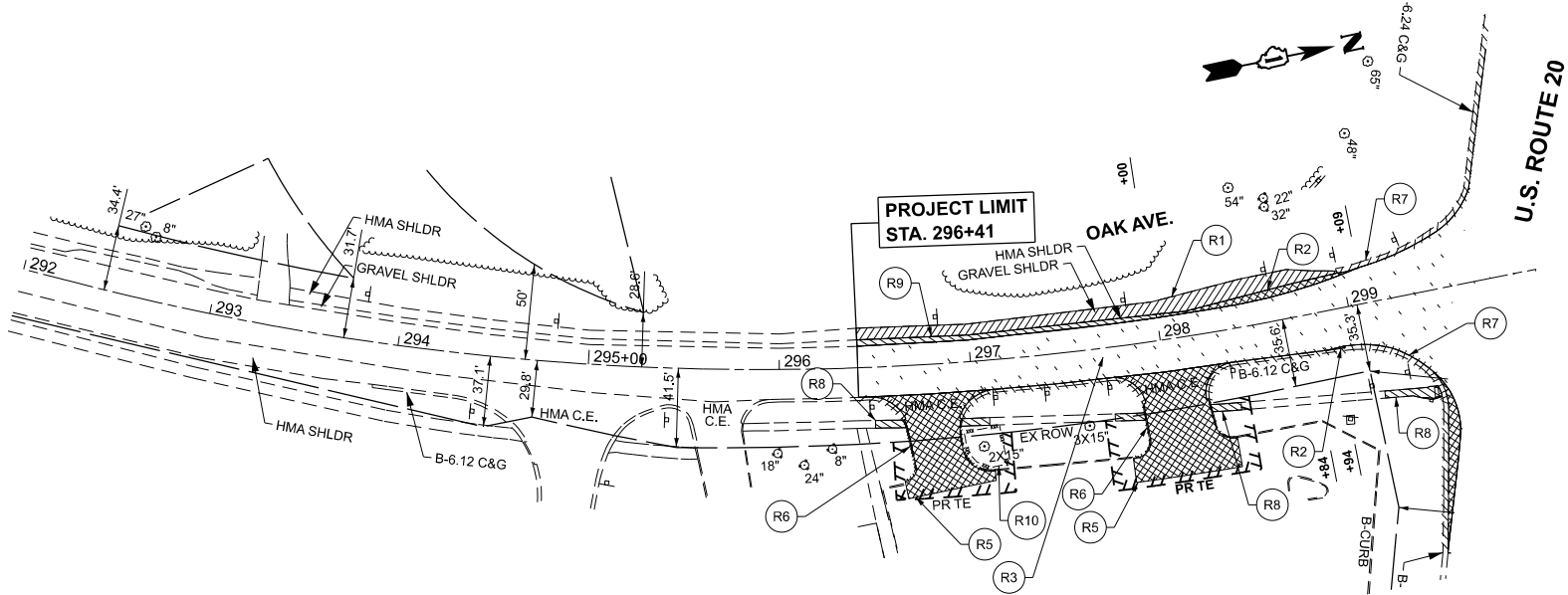
EXISTING AND PROPOSED ROADWAY PLAN
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: 1"=50' SHEET 4 OF 7 SHEETS STA. 200+00.00 TO STA. 208+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	22
CONTRACT NO. 62P51				
ILLINOIS FED. AID PROJECT				



TREE PROTECTION ZONE DETAIL



NOTE: TREE (THREE (3) INCHES OR GREATER IN DIAMETER) REMOVAL TO BE COMPLETED BY OTHERS UNDER IDOT CONTRACT NUMBER 62Y06. IF TREES THREE (3) INCHES OR GREATER IN DIAMETER AT BREAST HEIGHT ARE ENCOUNTERED DURING CONSTRUCTION, THEY SHALL BE CLEARED ONLY FROM NOVEMBER 1 THROUGH MARCH 31 OF ANY GIVEN YEAR TO CONSERVE THE THREATENED AND ENDANGERED NORTHERN LONG-EARED BAT (NLEB).

EXISTING LEGEND

- (R1) EARTH EXCAVATION (FOR AGGREGATE SHOULDER REMOVAL)
- (R2) PAVEMENT REMOVAL
- (R3) HMA SURFACE REMOVAL, 2 1/4"
- (R4) HMA SURFACE REMOVAL, 2 1/2"
- (R5) DRIVEWAY PAVEMENT REMOVAL
- (R6) CURB REMOVAL
- (R7) COMBINATION CURB AND GUTTER REMOVAL
- (R8) SIDEWALK REMOVAL
- (R9) PAVED SHOULDER REMOVAL
- (R10) TEMPORARY FENCE (FOR TREE PROTECTION ZONE)

PROPOSED LEGEND

US 20 PAVEMENT WIDENING AND SHOULDER RECONSTRUCTION > 6' WIDE

- (A) POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4" POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; 3/4" HMA BASE COURSE, 10 3/4" AGGREGATE SUBGRADE IMPROVEMENT, 12"

US 20 PAVEMENT WIDENING AND SHOULDER RECONSTRUCTION ≤ 6' WIDE

- (B) POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4" POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; 3/4" HMA BASE COURSE WIDENING, 10 3/4" AGGREGATE SUBGRADE IMPROVEMENT, 12"

AGGREGATE SHOULDER

- (C) AGGREGATE SHOULDERS, TYPE B, 6"

US 20 PAVEMENT WIDENING ADJACENT TO PROPOSED CURB AND GUTTER > 6' WIDE

- (D) POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4" POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; 3/4" HMA BASE COURSE, 10 3/4" AGGREGATE SUBGRADE IMPROVEMENT, 12"

US 20 PAVEMENT WIDENING ADJACENT TO PROPOSED CURB AND GUTTER ≤ 6' WIDE

- (E) POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4" POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; 3/4" PCC BASE COURSE WIDENING, 10 3/4" AGGREGATE SUBGRADE IMPROVEMENT, 12"

US 20 PAVEMENT AND SHOULDER RESURFACING

- (F) POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4" POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; 3/4"

OLD LAKE ST. PAVEMENT AND SHOULDER RECONSTRUCTION

- (G) HMA SURFACE COURSE, IL-9.5, MIX "D", N70; 2" HMA BASE COURSE, 5" AGGREGATE SUBGRADE IMPROVEMENT, 12"

BARTLETT RD. PAVEMENT WIDENING

- (H) PCC PAVEMENT 9" AGGREGATE SUBGRADE IMPROVEMENT, 12"

OAK AVE. PAVEMENT WIDENING > 6' WIDE

- (I) HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1 1/2" POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4" HMA BASE COURSE, 6 3/4" AGGREGATE SUBGRADE IMPROVEMENT, 12"

OAK AVE. PAVEMENT WIDENING AND SHOULDER RECONSTRUCTION ≤ 6' WIDE

- (J) HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1 1/2" POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4" PCC BASE COURSE WIDENING, 6 3/4" AGGREGATE SUBGRADE IMPROVEMENT, 12"

OAK AVE. PAVEMENT RESURFACING

- (K) HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1 1/2" POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"

US 20 SHARED-USE PATH

- (L) HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 2" AGGREGATE BASE COURSE, TYPE B, 6"

BARTLETT RD. SHARED-USE PATH

- (M) HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 4" AGGREGATE BASE COURSE, TYPE B, 6"

US 20 AND OAK AVE. SIDEWALK

- (N) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (O) PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH

BARTLETT RD. SIDEWALK

- (P) PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH AGGREGATE BASE COURSE, TYPE B, 4"
- (Q) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH AGGREGATE BASE COURSE, TYPE B, 4"

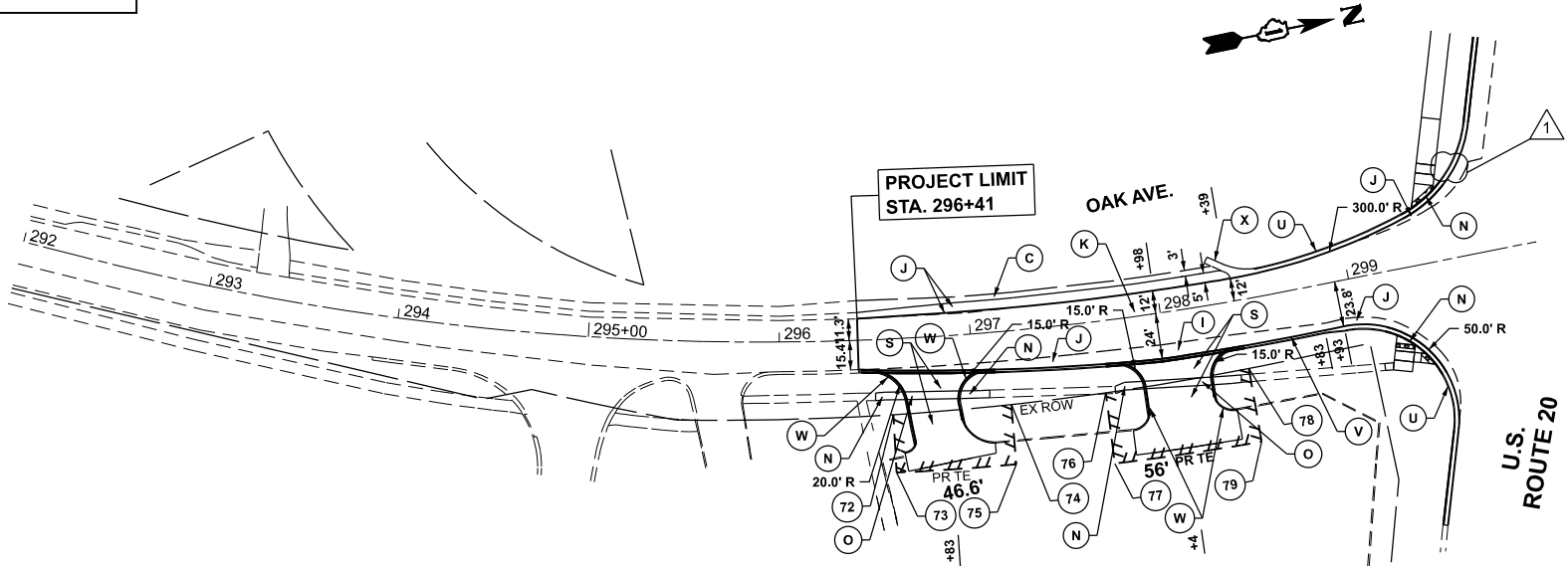
DRIVEWAYS

- (R) HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 2" HMA BASE COURSE, 6"
- (S) HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 2" HMA BASE COURSE, 8"
- (T) HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 2" AGGREGATE BASE COURSE, TYPE B, 8"

CURB OR CURB AND GUTTER

- (U) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (V) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (W) CONCRETE CURB, TYPE B
- (X) CLASS SI CONCRETE (OUTLET)

EXISTING



NOTE: DETECTABLE WARNINGS TO BE INSTALLED ALONG US 20 AND OAK AVENUE SHALL BE PAID FOR AS "DETECTABLE WARNINGS". DETECTABLE WARNINGS TO BE INSTALLED ALONG BARTLETT ROAD INCLUDING THE INTERSECTION OF US 20 AND BARTLETT ROAD SHALL BE PAID FOR AS "DETECTABLE WARNINGS (SPECIAL)".

PROPOSED

USER NAME = farhan.tariq	DESIGNED -	REVISED - 1/4" FT, 3/27/2026
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED ROADWAY PLAN
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

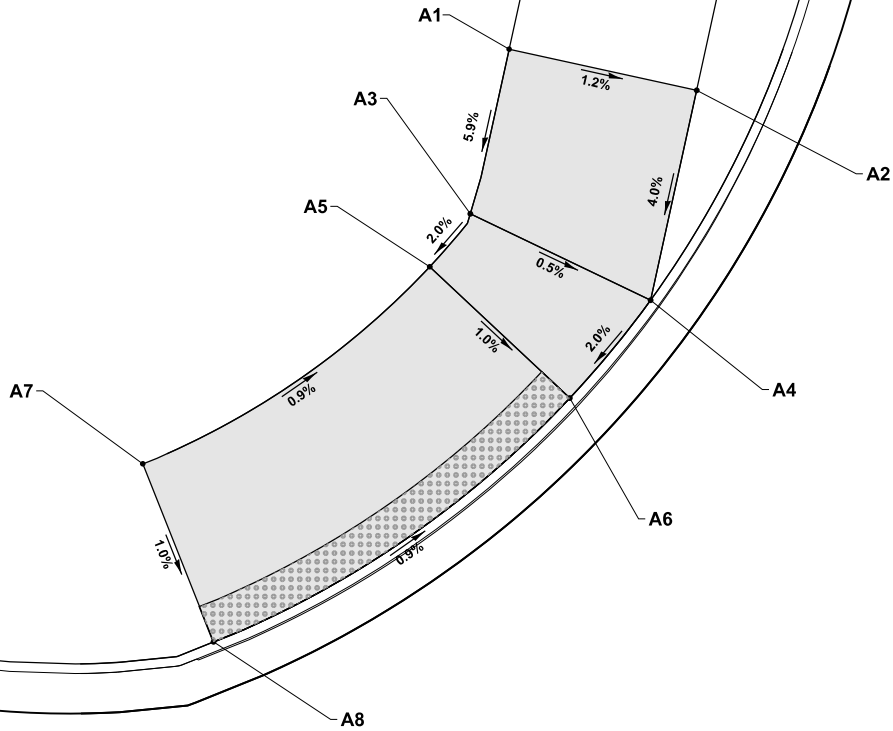
SCALE: 1"=50' SHEET 5 OF 7 SHEETS STA. 292+00.00 TO STA. 300+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	23
CONTRACT NO. 62P51				
ILLINOIS FED. AID PROJECT				

PROPOSED ROW AND TE		
POINT	STATION	OFFSET
72	296+57.83	39.66' RT
73	296+58.02	70.00' RT
74	297+18.13	38.58' RT
75	297+17.93	70.00' RT
76	297+66.60	37.66' RT
77	297+66.72	75.00' RT
78	298+40.63	36.17' RT
79	298+40.51	75.00' RT

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US 20 AT BARTLETT RD. (NORTHWEST CORNER)			
POINT	STA	OFFSET (FT)	ELEV
A1	504+76.43	82.99 LT	826.65'
A2	504+86.29	84.67 LT	826.52'
A3	504+77.78	74.28 LT	826.12'
A4	504+88.17	73.64 LT	826.07'
A5	504+76.85	70.94 LT	826.06'
A6	504+86.18	67.34 LT	825.96'
A7	504+66.84	55.82 LT	826.21'
A8	504+73.73	48.60 LT	826.11'



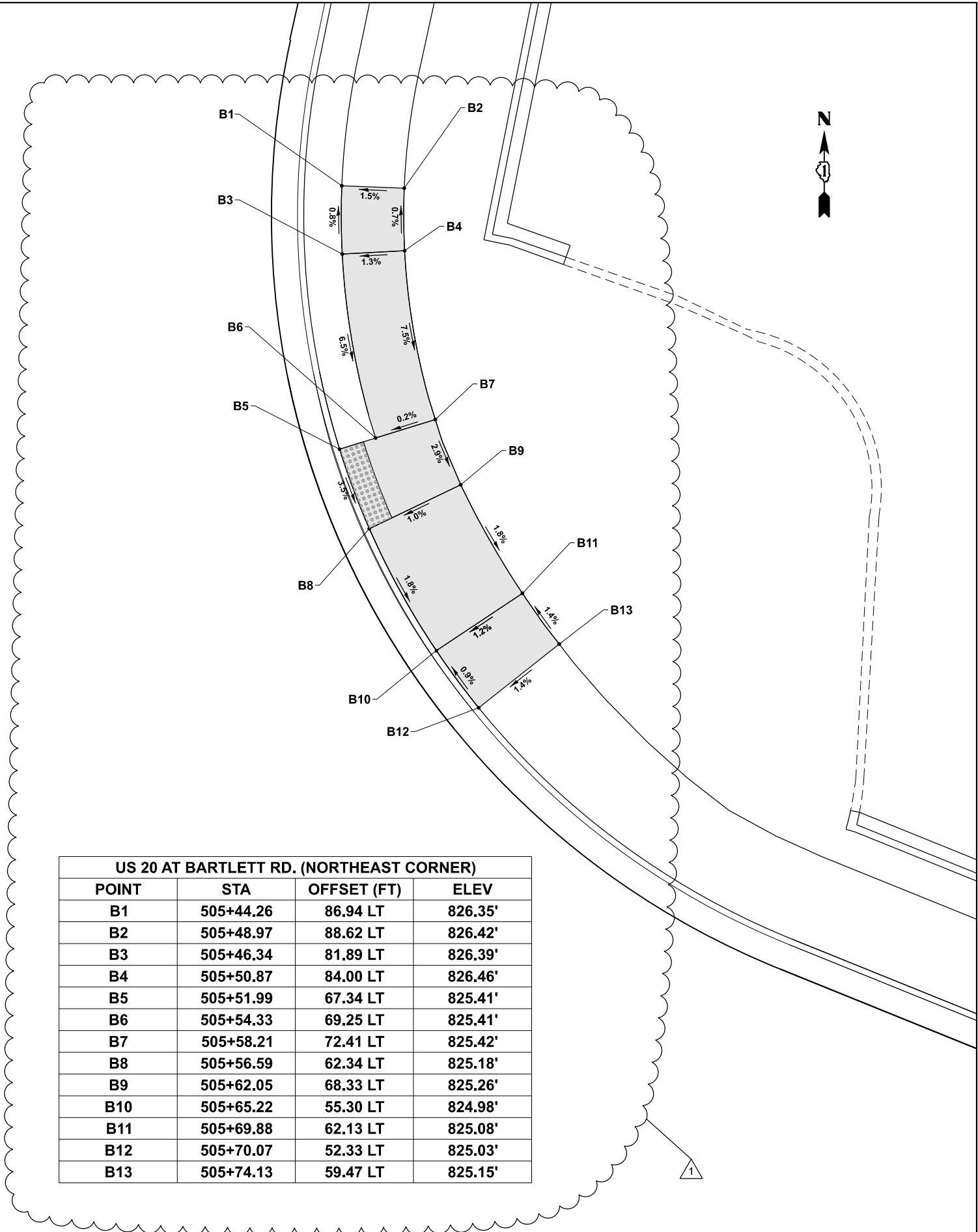
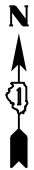
GENERAL CURB RAMP NOTES

- THE CONTRACTOR SHALL UTILIZE HIGHWAY STANDARDS 424001 AND 424026 FOR PROPOSED CURB RAMP DESIGNS OTHER THAN THOSE THAT HAVE A DETAIL SHEET.
- DETECTABLE WARNINGS SHALL ONLY BE INSTALLED AT ENTRANCES WITH PERMANENT TRAFFIC CONTROL DEVICES (I.E. STOP SIGNS).

LEGEND

xx.xx'	PROPOSED ELEVATION/SLOPE		PROPOSED SIDEWALK
(xx.xx')	EXISTING ELEVATION/SLOPE		DETECTABLE WARNINGS

US 20 AT BARTLETT RD. (NORTHEAST CORNER)			
POINT	STA	OFFSET (FT)	ELEV
B1	505+44.26	86.94 LT	826.35'
B2	505+48.97	88.62 LT	826.42'
B3	505+46.34	81.89 LT	826.39'
B4	505+50.87	84.00 LT	826.46'
B5	505+51.99	67.34 LT	825.41'
B6	505+54.33	69.25 LT	825.41'
B7	505+58.21	72.41 LT	825.42'
B8	505+56.59	62.34 LT	825.18'
B9	505+62.05	68.33 LT	825.26'
B10	505+65.22	55.30 LT	824.98'
B11	505+69.88	62.13 LT	825.08'
B12	505+70.07	52.33 LT	825.03'
B13	505+74.13	59.47 LT	825.15'



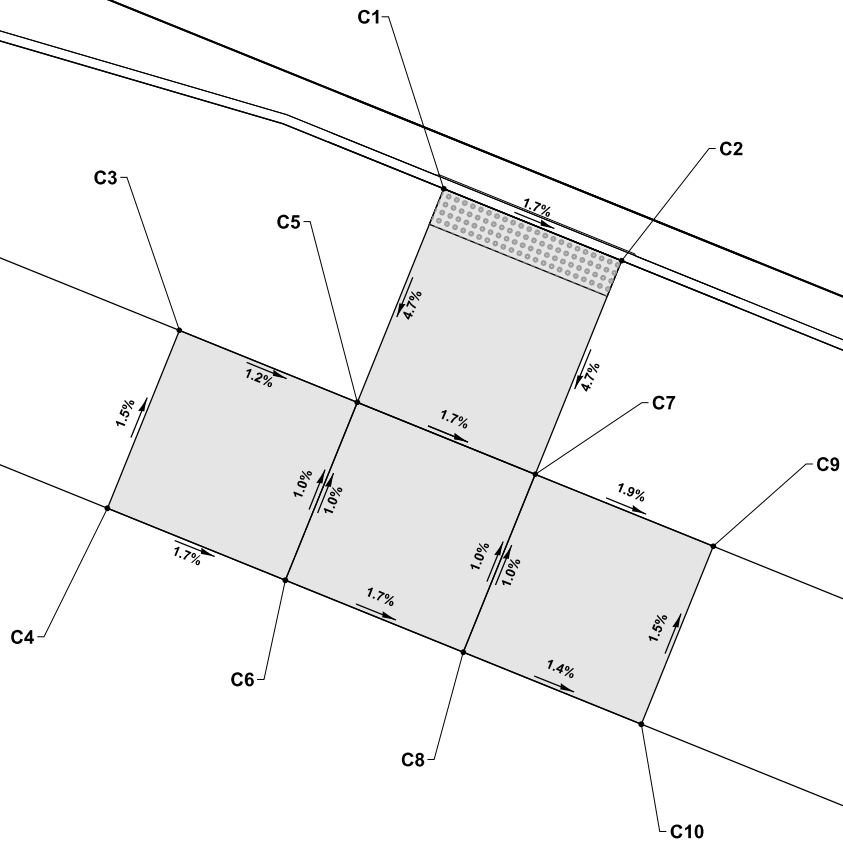
	USER NAME = farhan.tariq	DESIGNED -	REVISED - FT, 2/27/2026
		DRAWN -	REVISED - FT, 3/27/2026
		CHECKED -	REVISED -
	PLOT DATE = 2/27/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS			
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.			
SCALE: 1"=50'	SHEET 1	OF 5 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	26
CONTRACT NO. 62P51				
ILLINOIS FED. AID PROJECT				

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US 20 AT BARTLETT RD. (SOUTHWEST CORNER)			
POINT	STA	OFFSET (FT)	ELEV
C1	504+73.73	32.58 RT	825.81'
C2	504+83.73	32.58 RT	825.65'
C3	504+63.73	44.58 RT	825.37'
C4	504+63.73	54.58 RT	825.52'
C5	504+73.73	44.58 RT	825.25'
C6	504+73.73	54.58 RT	825.35'
C7	504+83.73	44.58 RT	825.08'
C8	504+83.73	54.58 RT	825.18'
C9	504+93.73	44.58 RT	824.89'
C10	504+93.73	54.58 RT	825.04'

LEGEND

xx.xx'

PROPOSED ELEVATION/SLOPE

(xx.xx')

EXISTING ELEVATION/SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

NO CURB RAMP PROPOSED
AT US 20 AT BARTLETT RD. (SOUTHEAST CORNER)

1

	USER NAME = farhan.tariq	DESIGNED -	REVISED - FT, 2/27/2026
		DRAWN -	REVISED - Δ FT, 3/27/2026
		CHECKED -	REVISED -
	PLOT DATE = 2/27/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: 1"=50' SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	26A
CONTRACT NO. 62P51				
ILLINOIS FED. AID PROJECT				

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NO CURB RAMP PROPOSED
AT US 20 AT OAK AVE. (NORTHWEST CORNER)

1

LEGEND

xx.xx' PROPOSED ELEVATION/SLOPE

(xx.xx') EXISTING ELEVATION/SLOPE



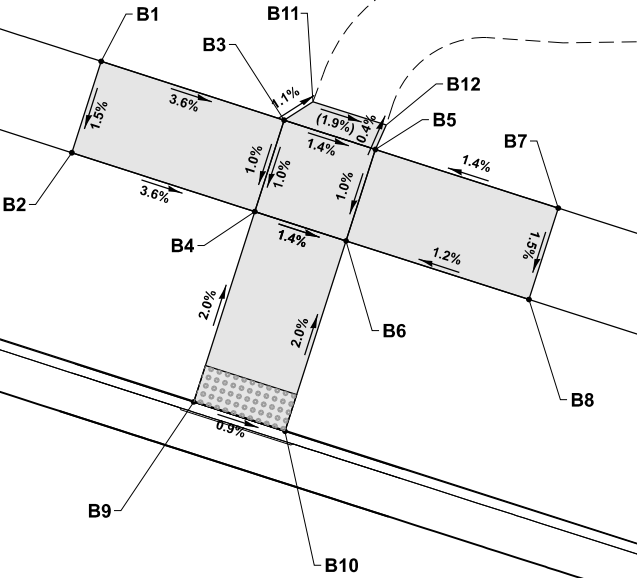
PROPOSED SIDEWALK



DETECTABLE WARNINGS



US 20 AT OAK AVE. (NORTHEAST CORNER)			
POINT	STA	OFFSET (FT)	ELEV
B1	515+30.87	48.00 LT	814.18'
B2	515+30.87	43.00 LT	814.13'
B3	515+40.90	48.00 LT	813.82'
B4	515+40.90	43.00 LT	813.77'
B5	515+45.91	48.00 LT	813.75'
B6	515+45.91	43.00 LT	813.70'
B7	515+55.95	48.00 LT	813.89'
B8	515+55.94	43.00 LT	813.82'
B9	515+40.90	32.59 LT	813.98'
B10	515+45.91	32.59 LT	813.91'
B11	515+42.05	49.37 LT	(813.80')
B12	515+46.06	49.39 LT	(813.74')



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: 1"=50'

SHEET 3

OF 5

SHEETS

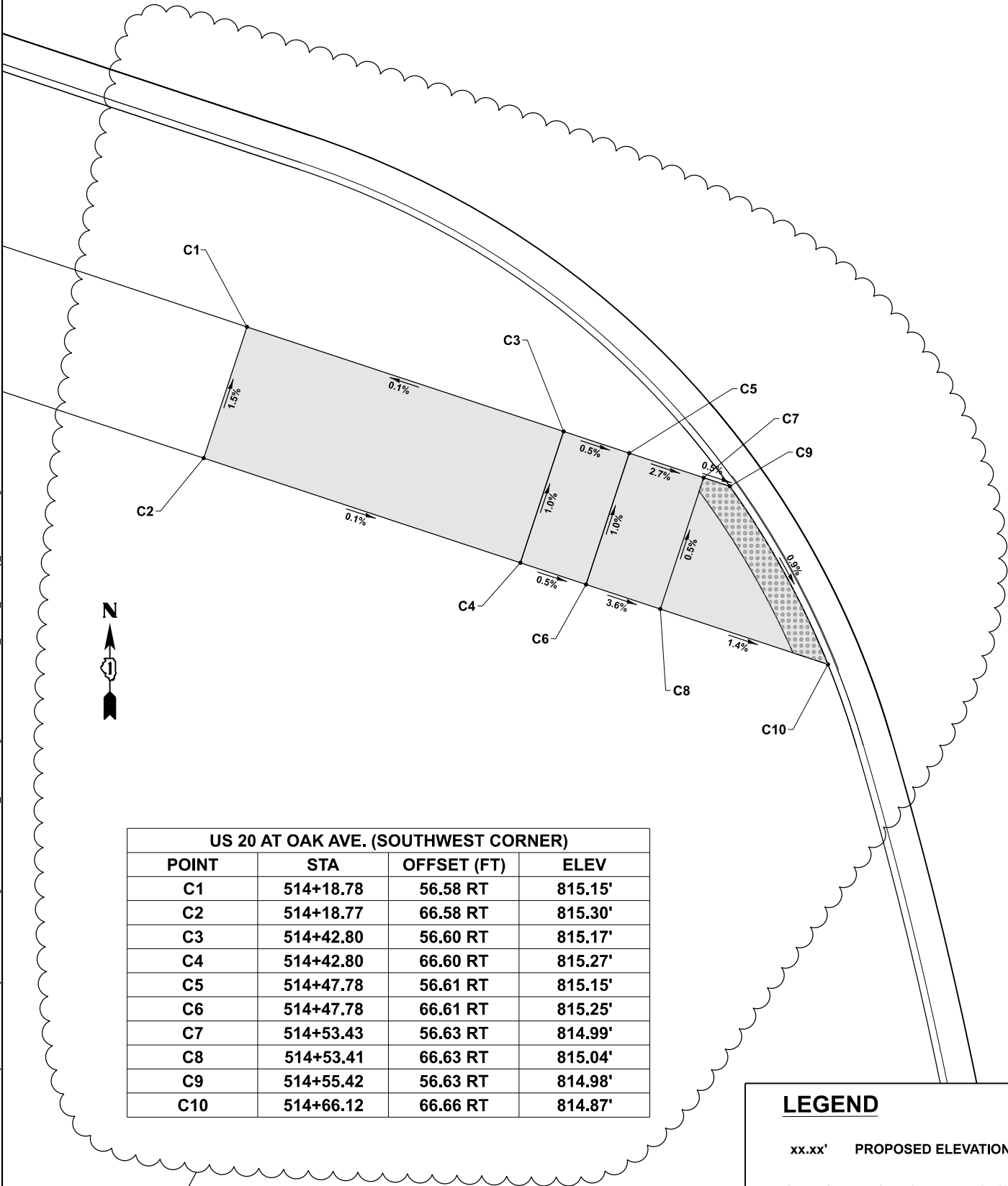
STA.

TO STA.

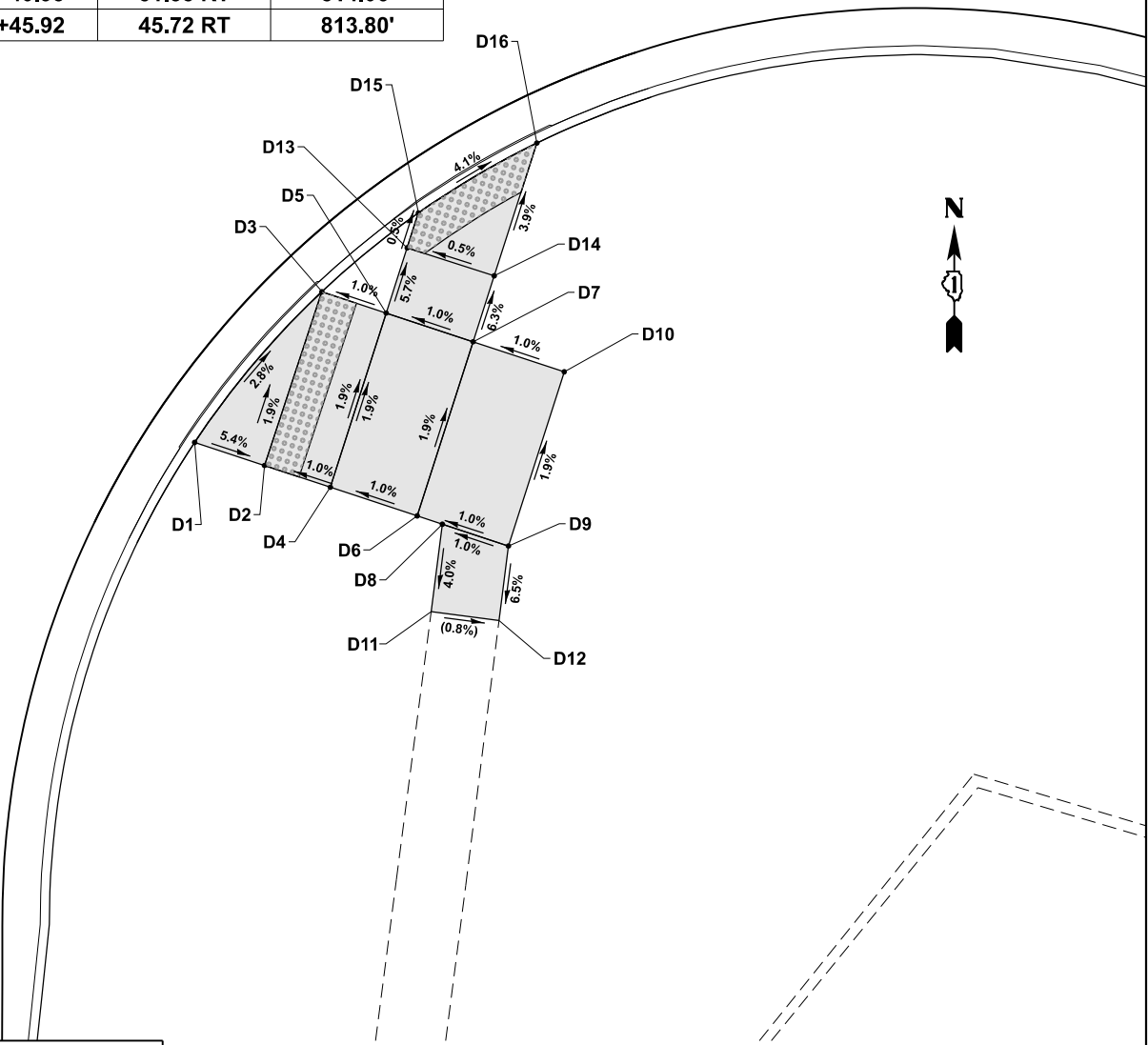
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	26B
CONTRACT NO. 62P51				
ILLINOIS FED. AID PROJECT				

USER NAME = farhan.tariq	DESIGNED -	REVISED - FT, 2/27/2026
	DRAWN -	REVISED - Δ FT, 3/27/2026
	CHECKED -	REVISED -
PLOT DATE = 2/27/2026	DATE -	REVISED -

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US 20 AT OAK AVE. (SOUTHEAST CORNER)			
POINT	STA	OFFSET (FT)	ELEV
D1	515+33.16	67.03 RT	814.65'
D2	515+37.16	67.06 RT	814.43'
D3	515+37.24	57.06 RT	814.24'
D4	515+40.94	67.09 RT	814.47'
D5	515+40.94	57.09 RT	814.28'
D6	515+45.92	67.13 RT	814.52'
D7	515+45.92	57.13 RT	814.33'
D8	515+47.36	67.15 RT	814.54'
D9	515+51.14	67.18 RT	814.57'
D10	515+51.14	57.18 RT	814.38'
D11	515+48.23	71.89 RT	(814.34')
D12	515+51.89	71.21 RT	(814.31')
D13	515+40.94	53.35 RT	814.07'
D14	515+45.92	53.35 RT	814.09'
D15	515+40.93	51.35 RT	814.06'
D16	515+45.92	45.72 RT	813.80'



LEGEND

xx.xx'

PROPOSED ELEVATION/SLOPE

(xx.xx')

EXISTING ELEVATION/SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

	USER NAME = farhan.tariq	DESIGNED -	REVISED - FT, 2/27/2026
		DRAWN -	REVISED - Δ FT, 3/27/2026
		CHECKED -	REVISED -
	PLOT DATE = 2/27/2026	DATE -	REVISED -

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS

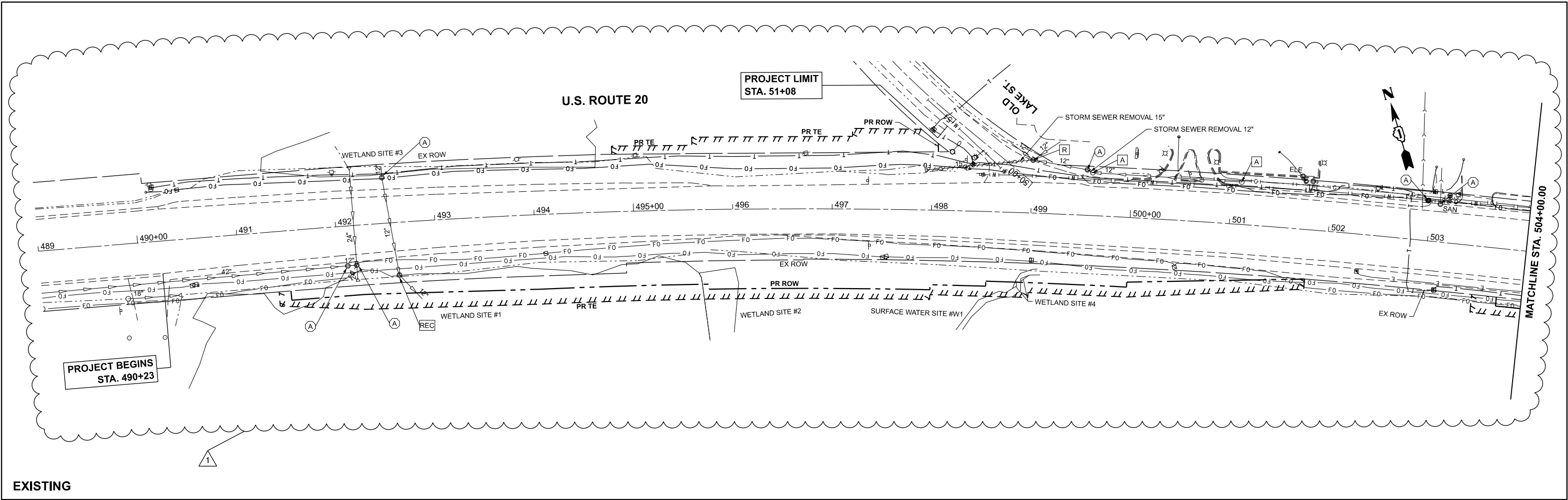
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: 1"=50'

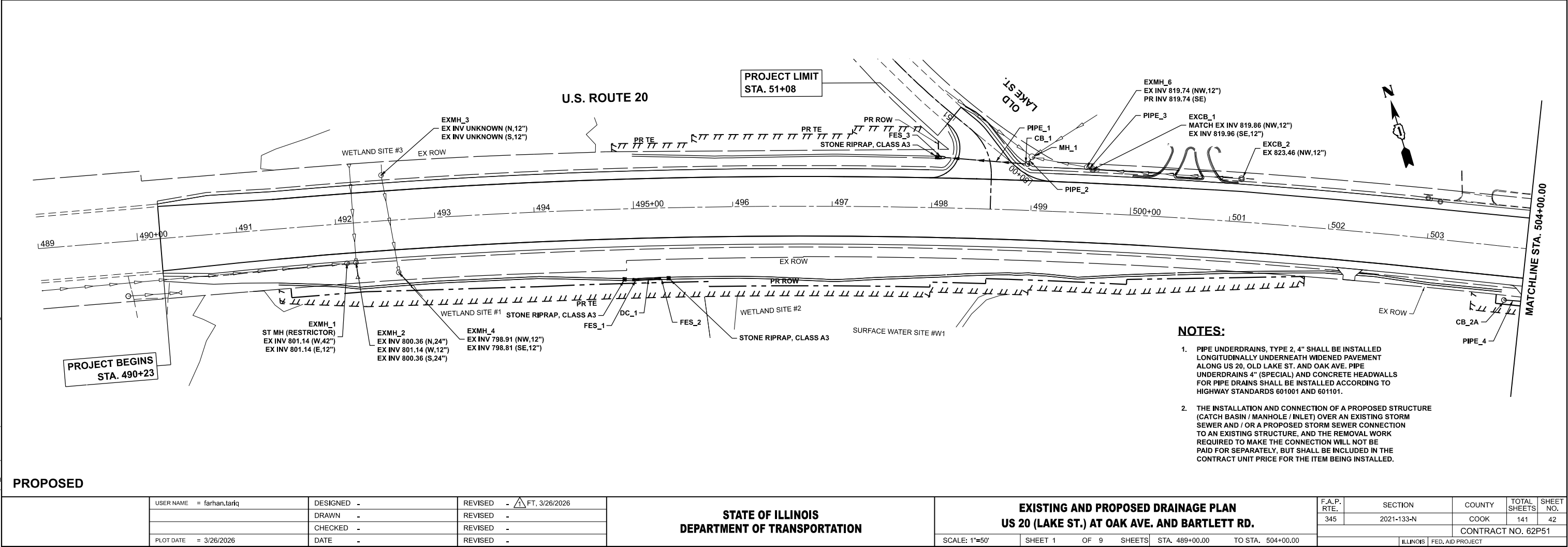
SHEET 4 OF 5 SHEETS

STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	26C
CONTRACT NO. 62P51				
ILLINOIS FED. AID PROJECT				



EXISTING



PROPOSED

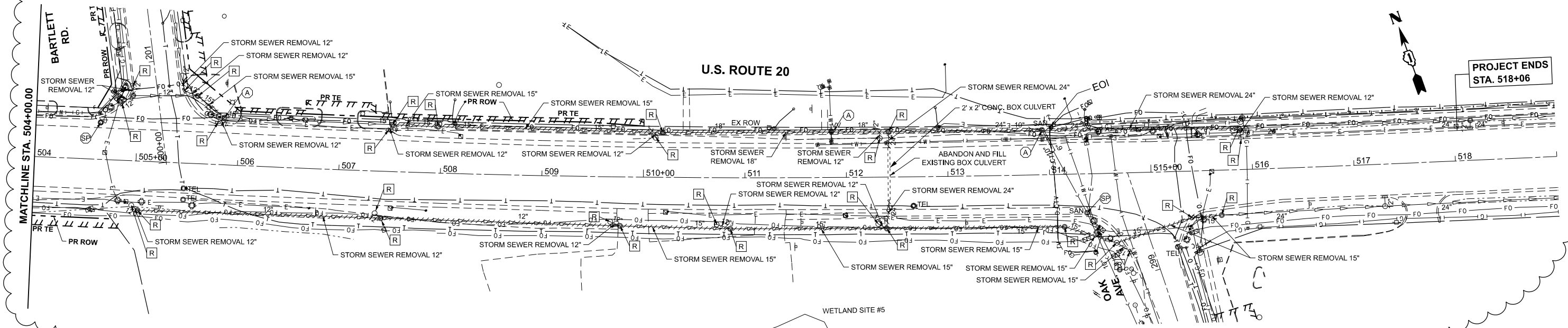
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USER NAME = farhan.tariq	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/26/2026	DATE -	REVISED -

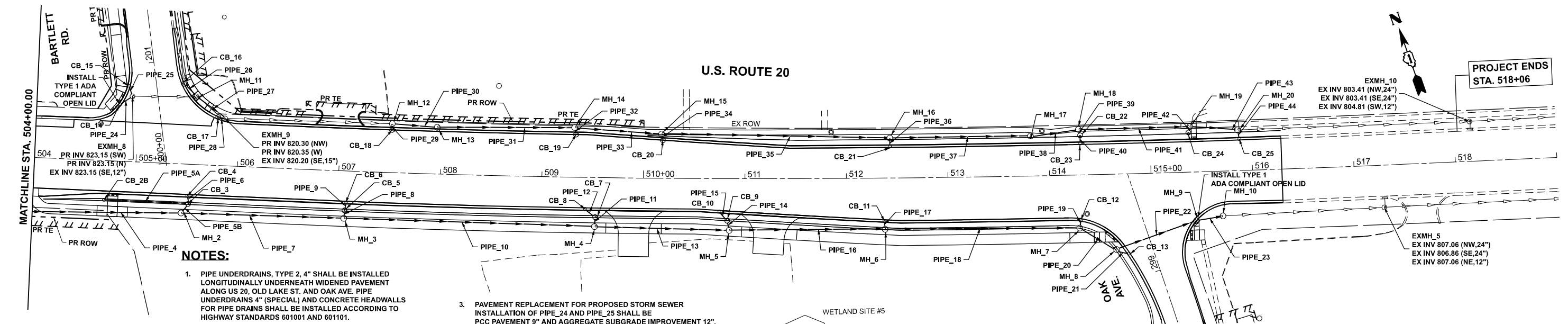
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED DRAINAGE PLAN US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.				
SCALE: 1"=50'	SHEET 1	OF 9	SHEETS	STA. 489+00.00 TO STA. 504+00.00

F.A.P. RTE. 345	SECTION 2021-133-N	COUNTY COOK	TOTAL SHEETS 141	SHEET NO. 42
CONTRACT NO. 62P51				
ILLINOIS FED. AID PROJECT				



EXISTING



NOTES:

- PIPE UNDERDRAINS, TYPE 2, 4" SHALL BE INSTALLED LONGITUDINALLY UNDERNEATH WIDENED PAVEMENT ALONG US 20, OLD LAKE ST. AND OAK AVE. PIPE UNDERDRAINS 4" (SPECIAL) AND CONCRETE HEADWALLS FOR PIPE DRAINS SHALL BE INSTALLED ACCORDING TO HIGHWAY STANDARDS 601001 AND 601101.
- THE INSTALLATION AND CONNECTION OF A PROPOSED STRUCTURE (CATCH BASIN / MANHOLE / INLET) OVER AN EXISTING STORM SEWER AND / OR A PROPOSED STORM SEWER CONNECTION TO AN EXISTING STRUCTURE, AND THE REMOVAL WORK REQUIRED TO MAKE THE CONNECTION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE ITEM BEING INSTALLED.
- PAVEMENT REPLACEMENT FOR PROPOSED STORM SEWER INSTALLATION OF PIPE_24 AND PIPE_25 SHALL BE PCC PAVEMENT 9" AND AGGREGATE SUBGRADE IMPROVEMENT 12".

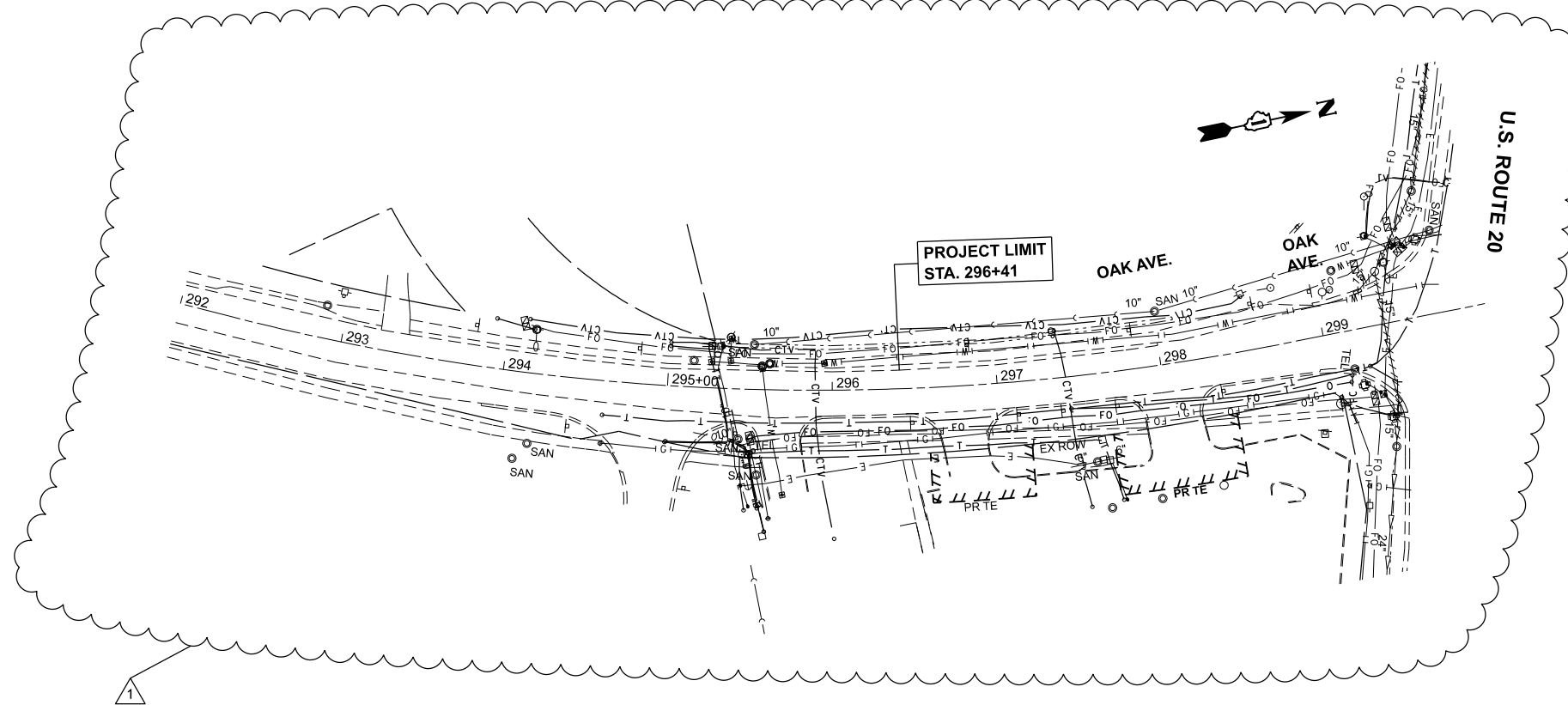
PROPOSED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

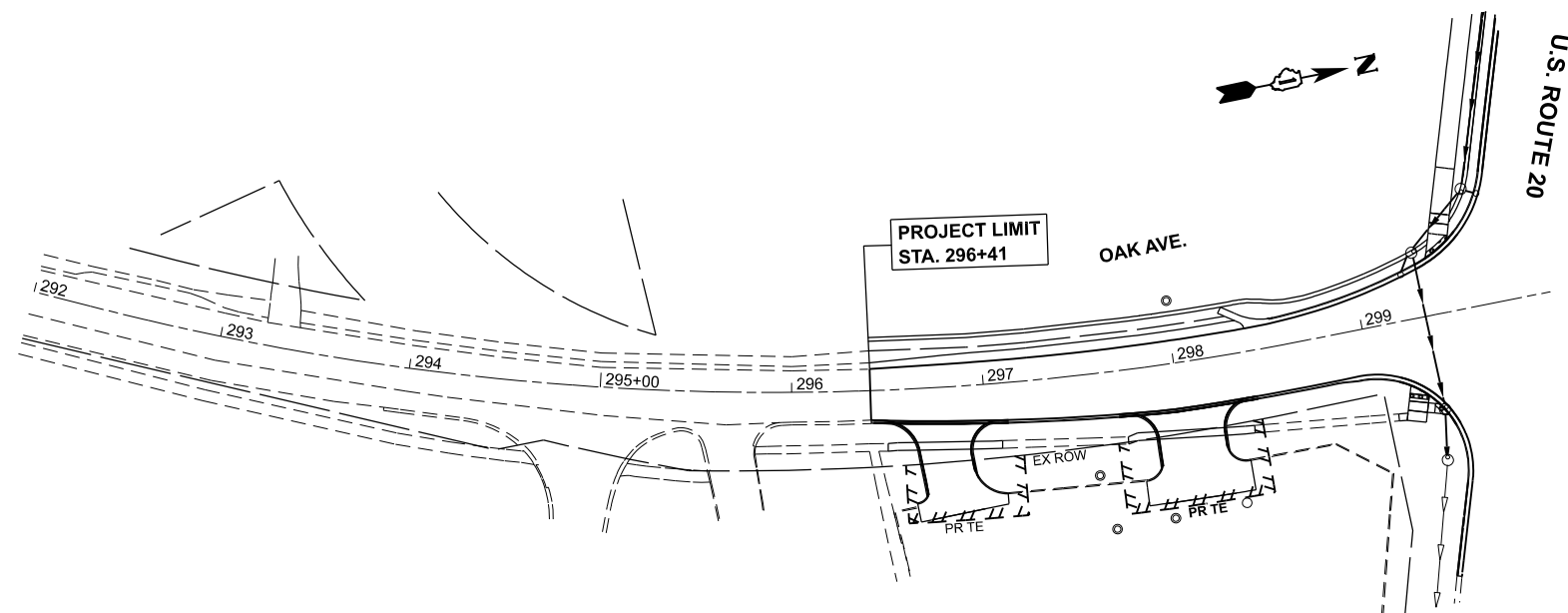
EXISTING AND PROPOSED DRAINAGE PLAN
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: 1"=50' SHEET 2 OF 9 SHEETS STA. 504+00.00 TO STA. 519+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	43
CONTRACT NO. 62P51				
ILLINOIS FED. AID PROJECT				

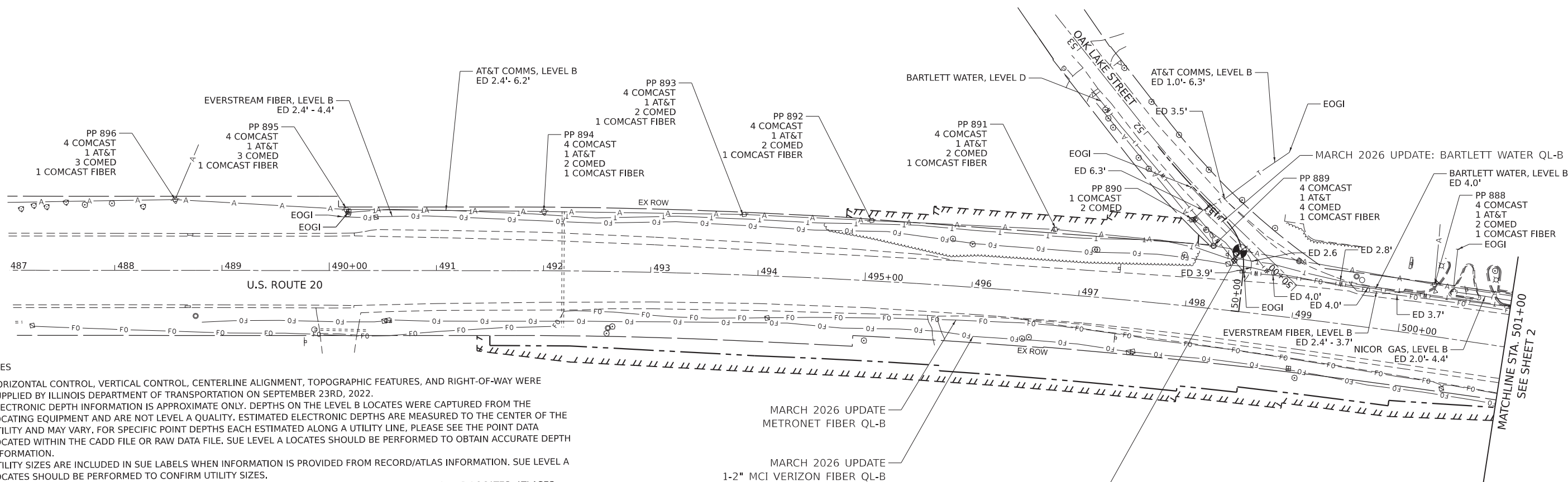


EXISTING



PROPOSED

USER NAME = farhan.tariq	DESIGNED -	REVISED -  FT. 3/26/2026	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION										EXISTING AND PROPOSED DRAINAGE PLAN US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.										F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -											345	2021-133-N					COOK					141	45		
	CHECKED -	REVISED -																					CONTRACT NO. 62P51				
PLOT DATE = 3/26/2026	DATE -	REVISED -											SCALE: 1"=50'	SHEET 4	OF 9	SHEETS	STA. 292+00.00	TO STA. 300+00.00					ILLINOIS FED. AID PROJECT				



SUE NOTES

- HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, TOPOGRAPHIC FEATURES, AND RIGHT-OF-WAY WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION ON SEPTEMBER 23RD, 2022.
- ELECTRONIC DEPTH INFORMATION IS APPROXIMATE ONLY. DEPTHS ON THE LEVEL B LOCATES WERE CAPTURED FROM THE LOCATING EQUIPMENT AND ARE NOT LEVEL A QUALITY. ESTIMATED ELECTRONIC DEPTHS ARE MEASURED TO THE CENTER OF THE UTILITY AND MAY VARY. FOR SPECIFIC POINT DEPTHS EACH ESTIMATED ALONG A UTILITY LINE, PLEASE SEE THE POINT DATA LOCATED WITHIN THE CADD FILE OR RAW DATA FILE. SUE LEVEL A LOCATES SHOULD BE PERFORMED TO OBTAIN ACCURATE DEPTH INFORMATION.
- UTILITY SIZES ARE INCLUDED IN SUE LABELS WHEN INFORMATION IS PROVIDED FROM RECORD/ATLAS INFORMATION. SUE LEVEL A LOCATES SHOULD BE PERFORMED TO CONFIRM UTILITY SIZES.
- UTILITIES ARE REPRESENTED AS A COMBINATION OF THE MOST ACCURATE INFORMATION GATHERED (FIELD LOCATES, ATLASES, ETC.)
- IN AREAS WHERE UTILITIES WERE NOT LOCATED, UTILITIES WERE DRAWN IN AS QUALITY LEVEL D FROM ATLAS INFORMATION. ASE DID NOT RECEIVE IDOT UTILITY RECORDS FOR THIS SUE STUDY. ANY IDOT UTILITIES SHOWN ON SUE PLANS WERE LOCATED THROUGH FIELD INVESTIGATION AND NOT CHECKED AGAINST RECORD DRAWINGS.
- STORM AND SANITARY LOCATES ARE NOT INCLUDED IN THIS SUE SURVEY.
- NUMBERED AERIAL POLES AND THE CONNECTING LINework IS QUALITY LEVEL C. ALL OTHER AERIAL LINework IS QUALITY LEVEL D.
- FIBER TAGGED AS AMERITECH ON POLE WAS BUNDLED WITH A WIDE OPEN WEST COMMUNICATION LINE. THIS FIBER LINE IS ASSUMED TO BE MCI OR WIDE OPEN WEST FIBER BASED ON THE RECORD INFORMATION PROVIDED BY THE UTILITY COMPANIES. PLEASE SEE POLE DETAILS FOR ADDITIONAL INFORMATION.
- LUMOS FIBER HAS NOT BEEN INSTALLED AT THE TIME OF THE MARCH UPDATE SHOWN ON REVISED SUE SHEETS.

STATE OF ILLINOIS)
COUNTY OF COOK) S.S.

UTILITY(IES) LOCATIONS WERE COLLECTED AND DEPCITED AS SHOWN HEREON BY ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS C/ASCE 38-02 FOR QUALITY LEVEL A (QLA), QUALITY LEVEL B (QLB), AND QUALITY LEVEL C (QLC). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BETWEEN THE 27TH DAY OF OCTOBER, 2022 AND THE 25TH DAY OF FEBRUARY, 2026

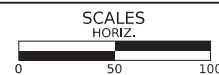
IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 25TH DAY OF MARCH A.D., 2026. CHICAGO, IL.



THOMAS A. SANDERSON - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-054022
MY LICENSE EXPIRES 11/30/2027

UTILITY LINE LEGEND	
---	EXISTING UNDERGROUND SANITARY
---	EXISTING UNDERGROUND TELEPHONE
---	EXISTING UNDERGROUND WATER
---	EXISTING UNDERGROUND ELECTRIC
---	EXISTING UNDERGROUND GAS
---	EXISTING UNDERGROUND CABLE TV
---	EXISTING UNDERGROUND FIBER OPTIC
---	EXISTING UNDERGROUND OIL PIPE LINE
---	EXISTING AERIAL LINE
EOGI	END OF SURFACE GEOPHYSICAL INFORMATION
ED	ELECTRONIC DEPTH (IN FEET)
PP	POWER POLE
VP	VENT PIPE
⊙	QUALITY LEVEL A (QLA) TEST HOLE COMPLETED
⊙	TEST HOLE ATTEMPTED/NO UTILITY FOUND

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SUE STUDY PLAN
U.S. ROUTE 20 AT OAK AVE. AND BARTLETT RD.

SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	51
CONTRACT NO. 62P51				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	JOB NO. 62P51	

DESIGNED -	TGB
DRAWN -	TGB
CHECKED -	RTM
DATE -	11/18/2022



SUE NOTES

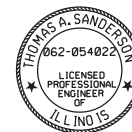
- HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, TOPOGRAPHIC FEATURES, AND RIGHT-OF-WAY WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION ON SEPTEMBER 23RD, 2022.
- ELECTRONIC DEPTH INFORMATION IS APPROXIMATE ONLY. DEPTHS ON THE LEVEL B LOCATES WERE CAPTURED FROM THE LOCATING EQUIPMENT AND ARE NOT LEVEL A QUALITY. ESTIMATED ELECTRONIC DEPTHS ARE MEASURED TO THE CENTER OF THE UTILITY AND MAY VARY. FOR SPECIFIC POINT DEPTHS EACH ESTIMATED ALONG A UTILITY LINE, PLEASE SEE THE POINT DATA LOCATED WITHIN THE CADD FILE OR RAW DATA FILE. SUE LEVEL A LOCATES SHOULD BE PERFORMED TO OBTAIN ACCURATE DEPTH INFORMATION.
- UTILITY SIZES ARE INCLUDED IN SUE LABELS WHEN INFORMATION IS PROVIDED FROM RECORD/ATLAS INFORMATION. SUE LEVEL A LOCATES SHOULD BE PERFORMED TO CONFIRM UTILITY SIZES.
- UTILITIES ARE REPRESENTED AS A COMBINATION OF THE MOST ACCURATE INFORMATION GATHERED (FIELD LOCATES, ATLASES, ETC.)
- IN AREAS WHERE UTILITIES WERE NOT LOCATED, UTILITIES WERE DRAWN IN AS QUALITY LEVEL D FROM ATLAS INFORMATION.
- ASE DID NOT RECEIVE IDOT UTILITY RECORDS FOR THIS SUE STUDY. ANY IDOT UTILITIES SHOWN ON SUE PLANS WERE LOCATED THROUGH FIELD INVESTIGATION AND NOT CHECKED AGAINST RECORD DRAWINGS.
- STORM AND SANITARY LOCATES ARE NOT INCLUDED IN THIS SUE SURVEY.
- NUMBERED AERIAL POLES AND THE CONNECTING LINWORK IS QUALITY LEVEL C. ALL OTHER AERIAL LINWORK IS QUALITY LEVEL D.
- FIBER TAGGED AS AMERITECH ON POLE WAS BUNDLED WITH A WIDE OPEN WEST COMMUNICATION LINE. THIS FIBER LINE IS ASSUMED TO BE MCI OR WIDE OPEN WEST FIBER BASED ON THE RECORD INFORMATION PROVIDED BY THE UTILITY COMPANIES. PLEASE SEE POLE DETAILS FOR ADDITIONAL INFORMATION.
- LUMOS FIBER HAS NOT BEEN INSTALLED AT THE TIME OF THE MARCH UPDATE SHOWN ON REVISED SUE SHEETS.

STATE OF ILLINOIS)
COUNTY OF COOK) S.S.

UTILITY(IES) LOCATIONS WERE COLLECTED AND DEPICTED AS SHOWN HEREON BY ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS C/ASCE 38-02 FOR QUALITY LEVEL A (QLA), QUALITY LEVEL B (QLB), AND QUALITY LEVEL C (QLC). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

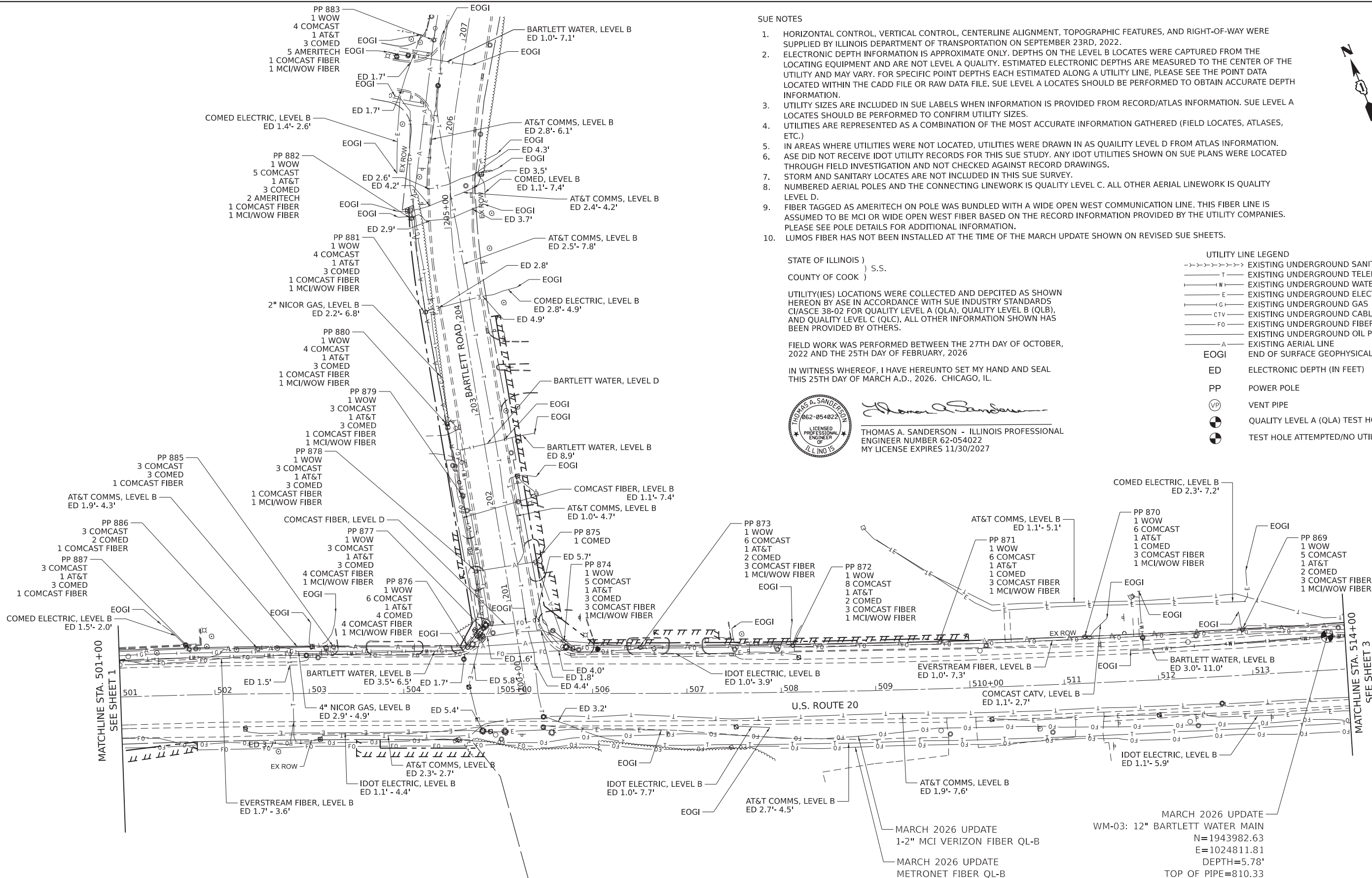
FIELD WORK WAS PERFORMED BETWEEN THE 27TH DAY OF OCTOBER, 2022 AND THE 25TH DAY OF FEBRUARY, 2026

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 25TH DAY OF MARCH A.D., 2026. CHICAGO, IL.



Thomas A. Sanderson
THOMAS A. SANDERSON - ILLINOIS PROFESSIONAL
ENGINEER NUMBER 62-054022
MY LICENSE EXPIRES 11/30/2027

UTILITY LINE LEGEND	
	EXISTING UNDERGROUND SANITARY
	EXISTING UNDERGROUND TELEPHONE
	EXISTING UNDERGROUND WATER
	EXISTING UNDERGROUND ELECTRIC
	EXISTING UNDERGROUND GAS
	EXISTING UNDERGROUND CABLE TV
	EXISTING UNDERGROUND FIBER OPTIC
	EXISTING UNDERGROUND OIL PIPE LINE
	EXISTING AERIAL LINE
	END OF SURFACE GEOPHYSICAL INFORMATION
	ELECTRONIC DEPTH (IN FEET)
	POWER POLE
	VENT PIPE
	QUALITY LEVEL A (QLA) TEST HOLE COMPLETED
	TEST HOLE ATTEMPTED/NO UTILITY FOUND



DESIGNED - TGB
DRAWN - TGB
CHECKED - RTM
DATE - 11/18/2022

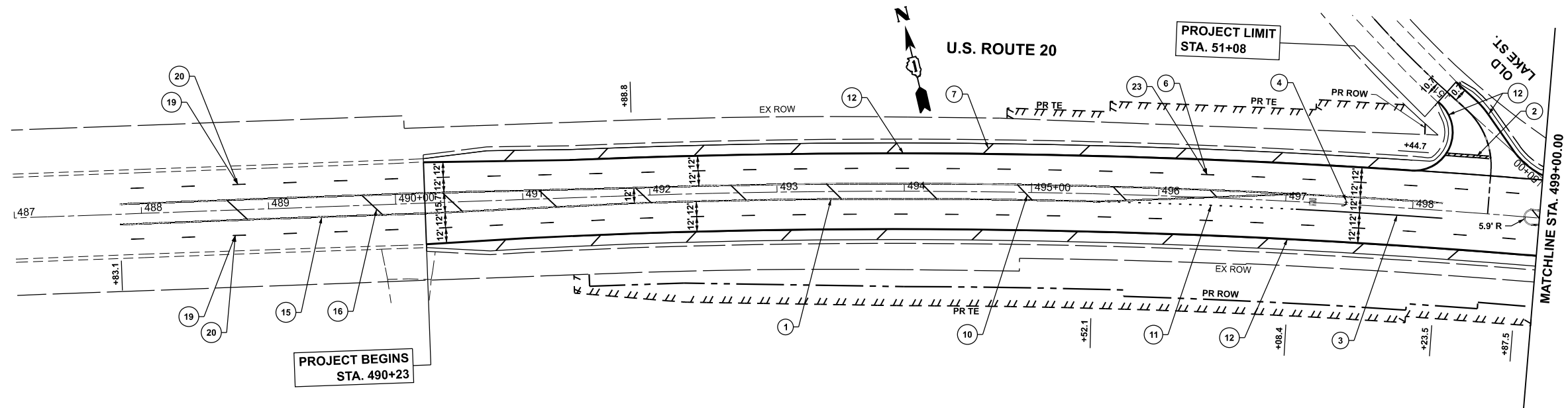
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALES
HORIZ.
0 50 100

SUE STUDY PLAN
U.S. ROUTE 20 AT OAK AVE. AND BARTLETT RD.

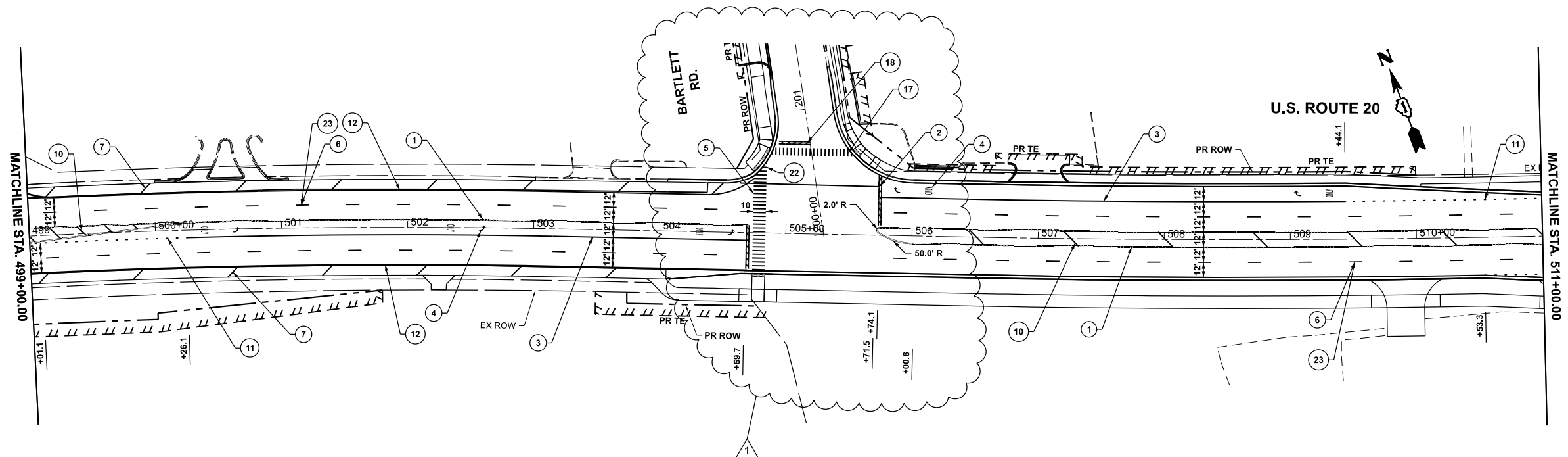
SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	52
CONTRACT NO. 62P51				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	JOB NO. 62P51	



PAVEMENT MARKING LEGEND

- | | | | |
|---|--|---|--|
| ① THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.) | ⑦ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL LINE (TYP.) | ⑬ THERMOPLASTIC PAVEMENT MARKING, 4" SKIP-DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.) | ⑲ PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 7" (1.5" BLACK, 4" WHITE, 1.5" BLACK), SKIP-DASH WHITE LINE, 10' DASH - 30' SKIP (TYP.) |
| ② THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE LINE (TYP.) | ⑧ NOT APPLICABLE | ⑭ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID YELLOW LINE, 5 1/2" C-C FROM SKIP-DASH UNLESS OTHERWISE SHOWN (TYP.) | ⑳ GROOVING FOR RECESSED PAVEMENT MARKING, 8" - SKIP-DASH LINE, 10' DASH - 30' SKIP (TYP.) |
| ③ THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE LINE (TYP.) | ⑨ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL LINE, SPACED 2' APART (TYP. UNLESS OTHERWISE NOTED) | ⑮ MODIFIED URETHANE PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.) | ㉑ NOT APPLICABLE |
| ④ THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID WHITE (TYP.) | ⑩ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL LINE (TYP.) | ⑯ MODIFIED URETHANE PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL LINE (TYP.) | ㉒ MODIFIED URETHANE PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 2' APART (TYP.) |
| ⑤ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 2' APART (TYP. UNLESS OTHERWISE NOTED) | ⑪ THERMOPLASTIC PAVEMENT MARKING, 6" DOTTED WHITE LINE, 2' DASH - 6' SKIP (TYP.) | ⑰ MODIFIED URETHANE PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 2' APART (TYP. UNLESS OTHERWISE NOTED) | ㉓ GROOVING FOR RECESSED PAVEMENT MARKING, 5" - SKIP-DASH LINE, 10' DASH - 30' SKIP (TYP.) |
| ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD, 4" SKIP-DASH WHITE LINE, 10' DASH - 30' SKIP (TYP.) | ⑫ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE EDGE LINE (TYP.) | ⑱ MODIFIED URETHANE PAVEMENT MARKING, 24" SOLID WHITE LINE (TYP.) | ㉔ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW TRANSVERSE LINE (TYP.) |

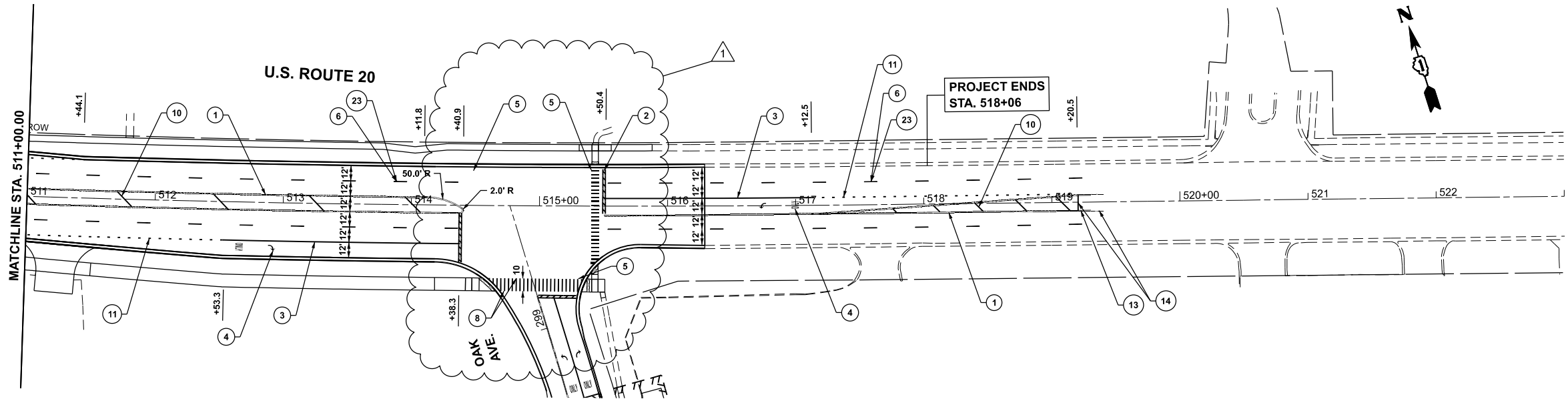


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

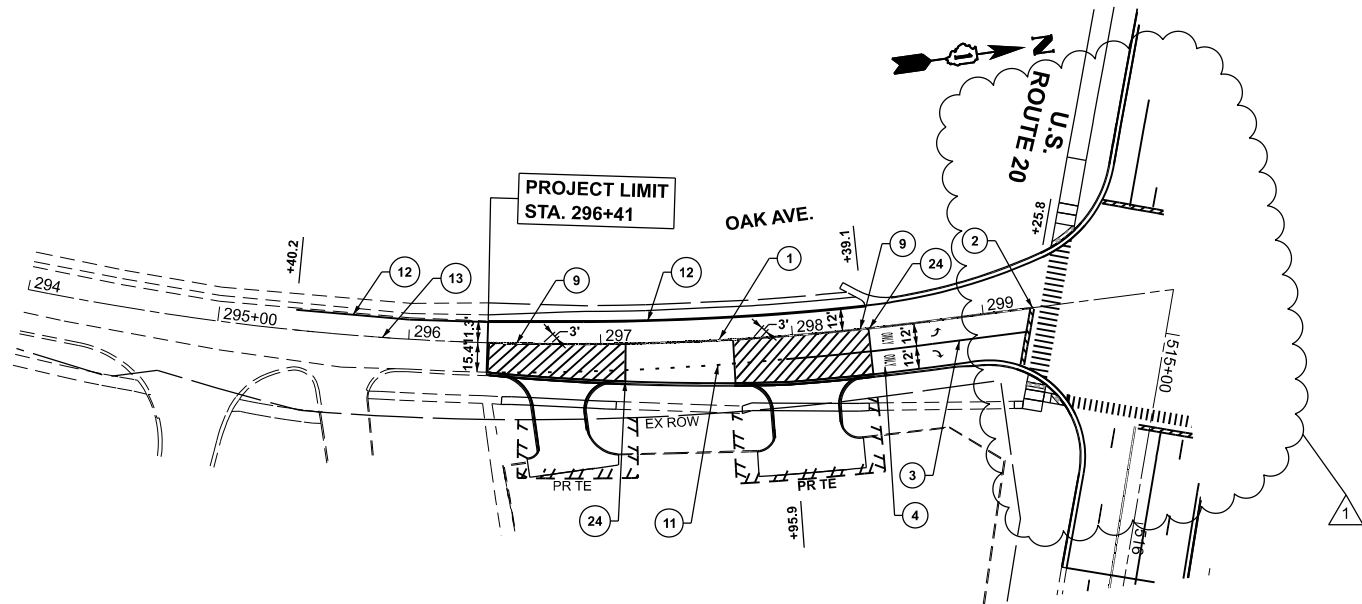
SCALE: 1"=50' SHEET 1 OF 2 SHEETS STA. 487+00.00 TO STA. 511+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	66
CONTRACT NO. 62P51				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- | | | | |
|---|--|---|--|
| ① THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.) | ⑦ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL LINE (TYP.) | ⑬ THERMOPLASTIC PAVEMENT MARKING, 4" SKIP-DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.) | ⑲ PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 7" (1.5" BLACK, 4" WHITE, 1.5" BLACK), SKIP-DASH WHITE LINE, 10' DASH - 30' SKIP (TYP.) |
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| ③ THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE LINE (TYP.) | ⑨ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL LINE, SPACED 2' APART (TYP. UNLESS OTHERWISE NOTED) | ⑮ MODIFIED URETHANE PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.) | ㉑ NOT APPLICABLE |
| ④ THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID WHITE (TYP.) | ⑩ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL LINE (TYP.) | ⑯ MODIFIED URETHANE PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL LINE (TYP.) | ㉒ MODIFIED URETHANE PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 2' APART (TYP.) |
| ⑤ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 2' APART (TYP. UNLESS OTHERWISE NOTED) | ⑪ THERMOPLASTIC PAVEMENT MARKING, 6" DOTTED WHITE LINE, 2' DASH - 6' SKIP (TYP.) | ⑰ MODIFIED URETHANE PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 2' APART (TYP. UNLESS OTHERWISE NOTED) | ㉓ GROOVING FOR RECESSED PAVEMENT MARKING, 5" - SKIP-DASH LINE, 10' DASH - 30' SKIP (TYP.) |
| ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD, 4" SKIP-DASH WHITE LINE, 10' DASH - 30' SKIP (TYP.) | ⑫ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE EDGE LINE (TYP.) | ⑱ MODIFIED URETHANE PAVEMENT MARKING, 24" SOLID WHITE LINE (TYP.) | ㉔ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW TRANSVERSE LINE (TYP.) |



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. 511+00.00 TO STA. 523+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	67
CONTRACT NO. 62P51				
ILLINOIS FED. AID PROJECT				

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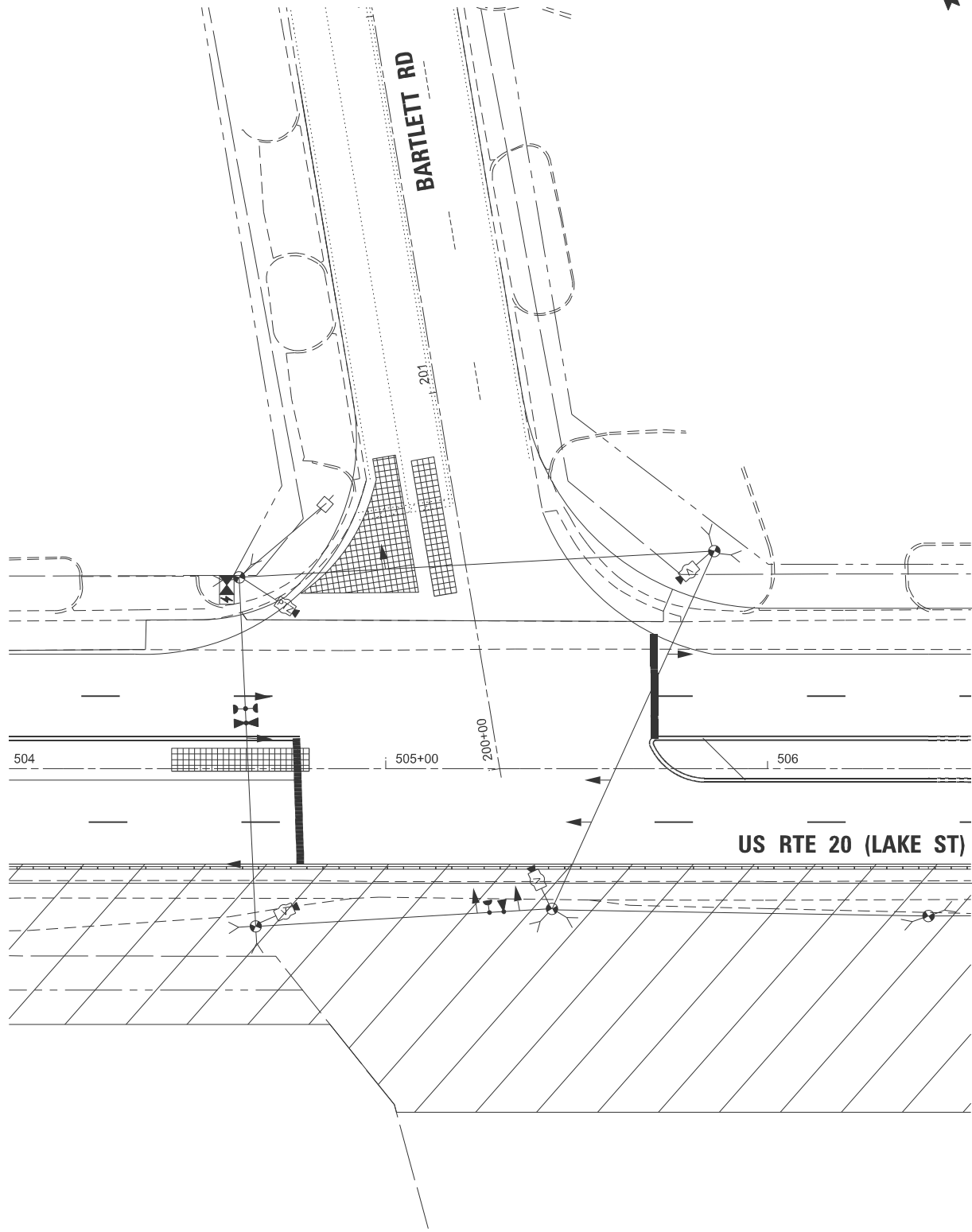
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	DRAWN - KJS	REVISED -
	CHECKED - CWB	REVISED -
PLOT DATE = 1/5/2026	DATE - 3/2/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

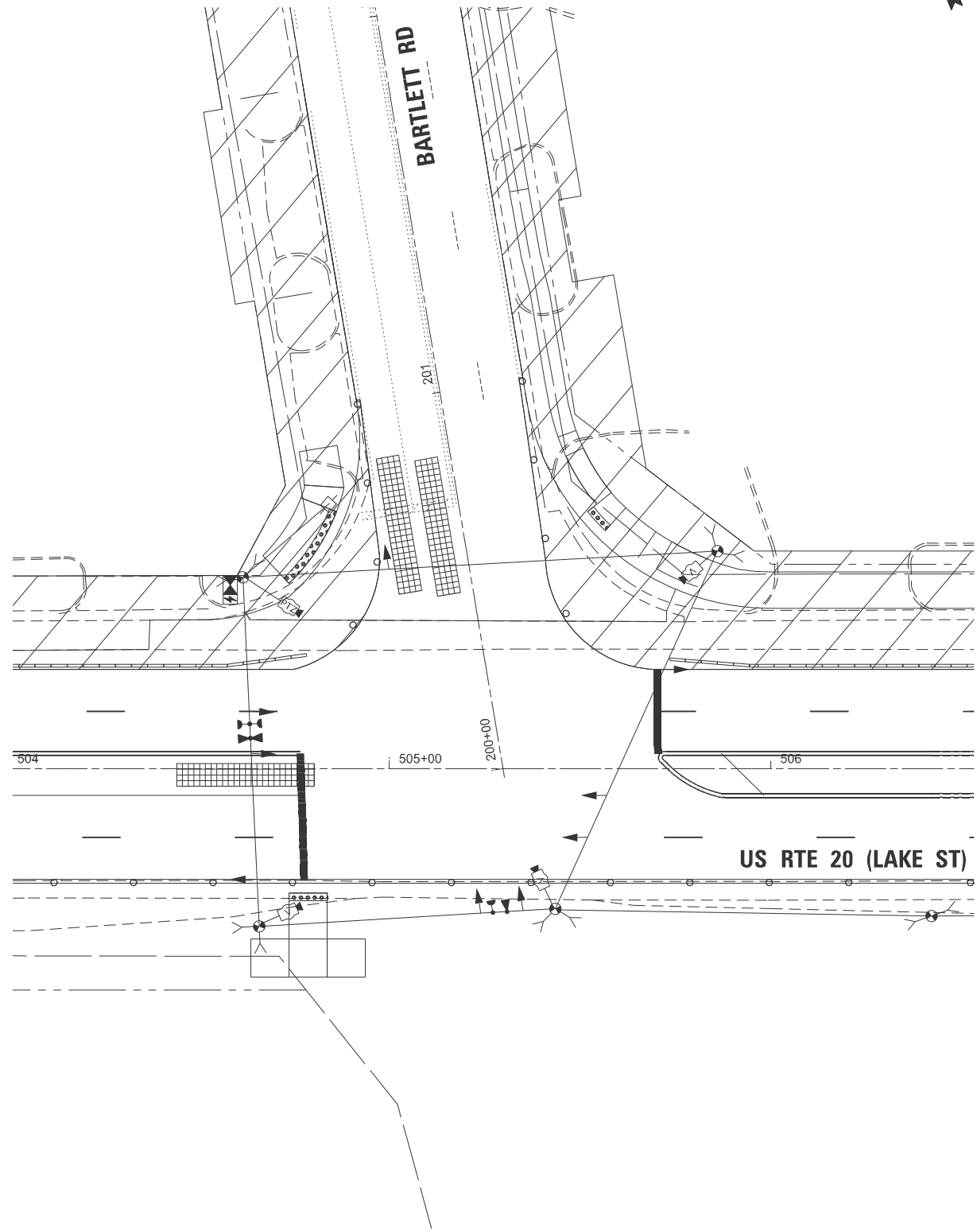
TEMPORARY TRAFFIC SIGNAL INSTALLATION
US RTE 20 (LAKE ST) AT BARTLETT RD

SCALE: 1" = 20' SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	71
CONTRACT NO. 62P51				
ILLINOIS FED. AID PROJECT				



TEMPORARY TRAFFIC SIGNAL STAGE 1

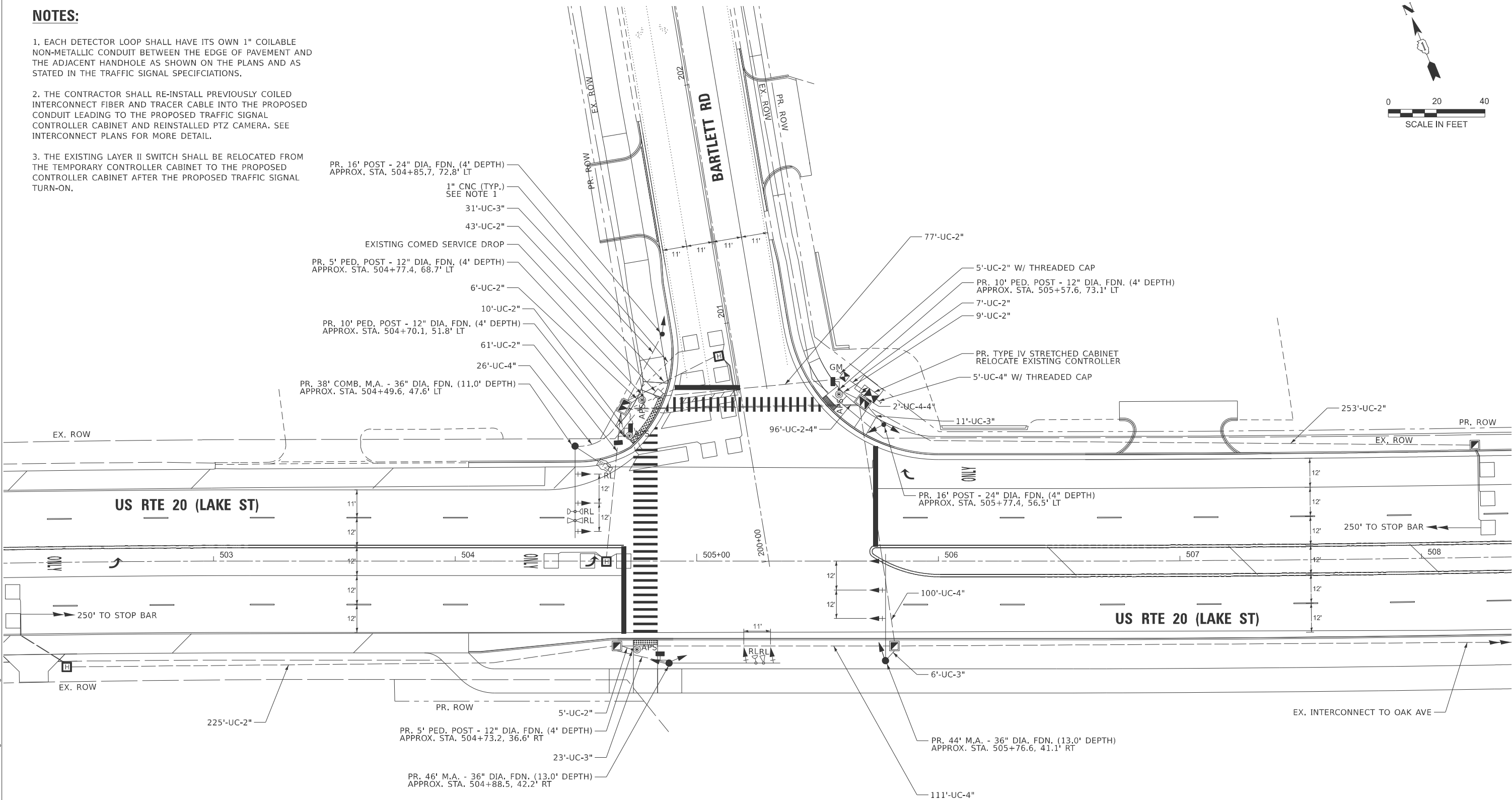
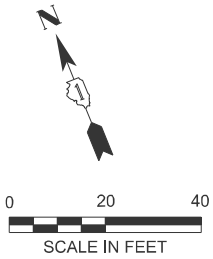


TEMPORARY TRAFFIC SIGNAL STAGE 2

TS 11270
IDOT TACTICS

NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICIATIONS.
2. THE CONTRACTOR SHALL RE-INSTALL PREVIOUSLY COILED INTERCONNECT FIBER AND TRACER CABLE INTO THE PROPOSED CONDUIT LEADING TO THE PROPOSED TRAFFIC SIGNAL CONTROLLER CABINET AND REINSTALLED PTZ CAMERA. SEE INTERCONNECT PLANS FOR MORE DETAIL.
3. THE EXISTING LAYER II SWITCH SHALL BE RELOCATED FROM THE TEMPORARY CONTROLLER CABINET TO THE PROPOSED CONTROLLER CABINET AFTER THE PROPOSED TRAFFIC SIGNAL TURN-ON.



MODEL: Default
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USER NAME	= kspence	DESIGNED -	KJS	REVISED -	03/30/2026
		DRAWN -	KJS	REVISED -	
		CHECKED -	CWB	REVISED -	
PLOT DATE	= 1/5/2026	DATE	= 3/2/2026	REVISED -	

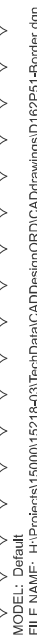
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN
US RTE 20 (LAKE ST) AT BARTLETT RD

SCALE: 1" = 20' SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	73
CONTRACT NO. 62P51				
ILLINOIS FED. AID PROJECT				

TS 11270
IDOT TACTICS

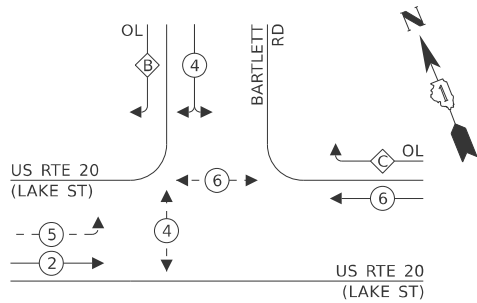


USER NAME = kspence	DESIGNED - KJS	REVISED -  03/30/2026
	DRAWN - KJS	REVISED -
	CHECKED - CWB	REVISED -
PLOT DATE = 1/5/2026	DATE - 3/2/2026	REVISED -

SCALE: 1" = 20'	SHEET 5	OF 7	SHEETS	STA.	TO STA.
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TS 11270
IDOT TACTICS

PROPOSED CONTROLLER SEQUENCE



RIGHT TURN OVERLAP

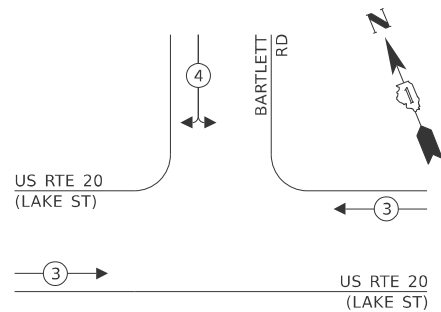
PHASE DESIGNATION:

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
B	=	4	+	5
C	=	6	+	4

LEGEND:

- ← (*) → PROTECTED PHASE
- ← (*) - PROTECTED/PERMITTED PHASE
- ← (*) → PEDESTRIAN PHASE
- ← (*) OL OVERLAP

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	8	11	88
4-SECTION	-	14	-
5-SECTION	6	13	78
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	4	15	60
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	1	35	35
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			436
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1,041

ENERGY COSTS TO:

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, IL 60196

ENERGY SUPPLY:	CONTACT:	NEW BUSINESS DEPARTMENT
	PHONE:	(866) 639-3532
	COMPANY:	COMED
	ACCOUNT NUMBER:	14876-93000
	METER NUMBER:	---



USER NAME	=	kspace
PLOT DATE	=	1/5/2026

DESIGNED	-	KJS	REVISED	-	03/30/2026
DRAWN	-	KJS	REVISED	-	
CHECKED	-	CWB	REVISED	-	
DATE	-	3/2/2026	REVISED	-	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

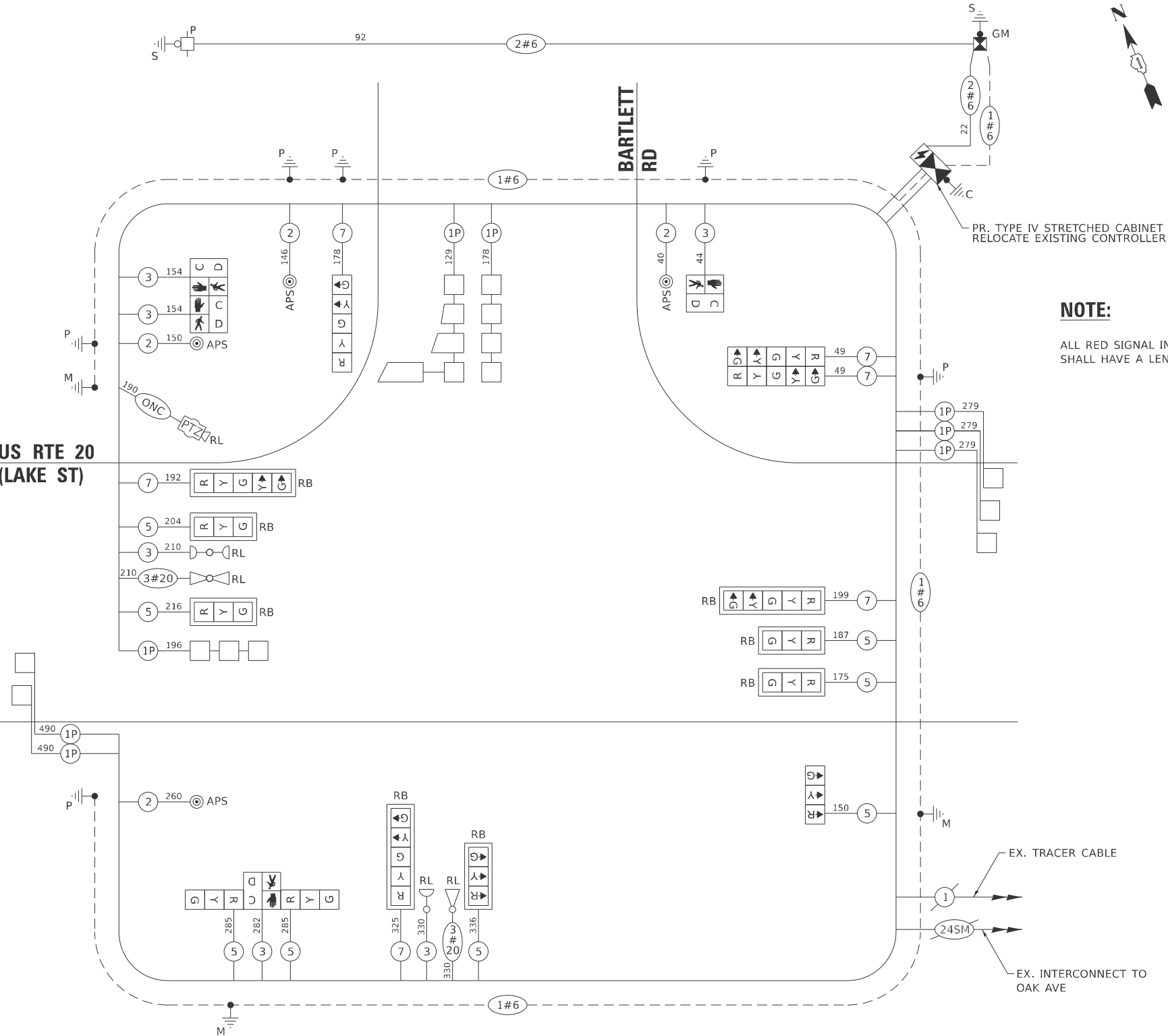
CABLE PLAN
(NOT TO SCALE)

CABLE PLAN, PHASE DESIGNATION DIAGRAM,
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
US RTE 20 (LAKE ST) AT BARTLETT RD

SCALE: N.T.S.	SHEET 6	OF 7 SHEETS	STA.	TO STA.
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	75
CONTRACT NO. 62P51				
ILLINOIS FED. AID PROJECT				

TS 11270
IDOT TACTICS

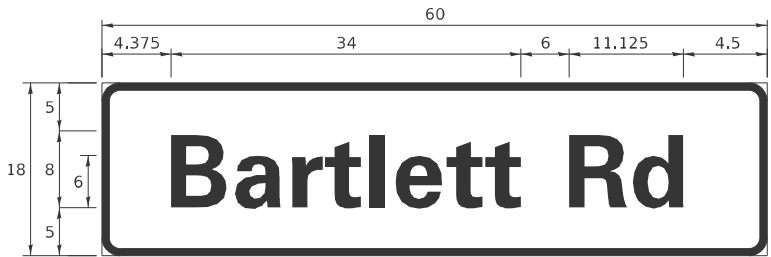


NOTE:

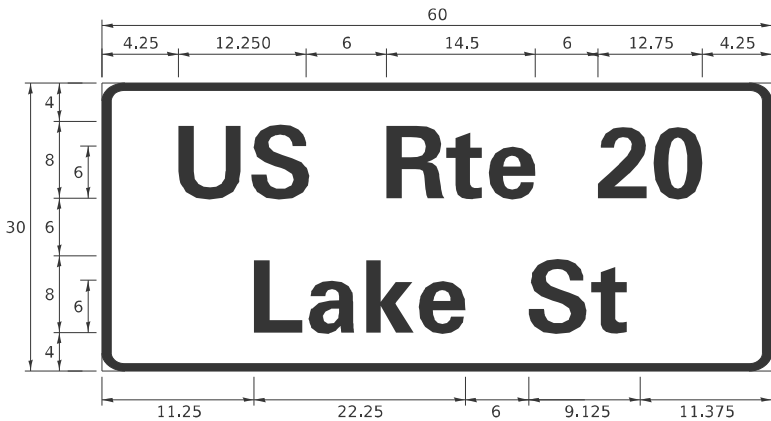
ALL RED SIGNAL INDICATIONS
SHALL HAVE A LENS COVER.

SIGN PANEL – TYPE 1 OR TYPE 2

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY REQUIRED
D	7.5	1	ZZ	2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY REQUIRED
D	12.5	2	ZZ	1

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION SEE DISTRICT ONE STANDARD TS-02 - MAST ARM MOUNTED STREET NAME SIGNS.

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SQ FT	15
SIGN PANEL - TYPE 2	SQ FT	13
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	696
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	71
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	442
HANDHOLE	EACH	3
HEAVY-DUTY HANDHOLE	EACH	3
DOUBLE HANDHOLE	EACH	2
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	596
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1172
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1838
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	992
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2305
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	114
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	667
TRAFFIC SIGNAL POST, 16 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 44 FT	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 46 FT	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	12
CONCRETE FOUNDATION, TYPE D	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	37
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	5
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	3
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4
TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	8
INDUCTIVE LOOP DETECTOR	EACH	8
DETECTOR LOOP, TYPE I	FOOT	659
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
RELOCATE EXISTING TRAFFIC SIGNAL CONTROLLER	EACH	1
* RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	2
* RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	5
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	7
* EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	542
RELOCATE SWITCH	EACH	1
OUTDOOR RATED NETWORK CABLE	FOOT	190
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	2
RELOCATE EXISTING PTZ CAMERA	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	2
UNINTERRUPTABLE POWER SUPPLY AND CABINET (SPECIAL)	EACH	1
CONTROLLER CABINET TYPE IV (SPECIAL)	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	16
LED SIGNAL FACE, LENS COVER	EACH	14
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

* 100% COST TO THE VILLAGE OF BARTLETT

TS 11270
IDOT TACTICS

MODEL: Default
FILE NAME: H:\Project\1500015218-03TechData\CAD\DesignOR\DCADDrawings\162P51-Border.dgn



USER NAME = kspence	DESIGNED - KJS	REVISED - 03/30/2026
	DRAWN - KJS	REVISED -
	CHECKED - CWB	REVISED -
PLOT DATE = 1/5/2026	DATE - 3/2/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAST ARM MOUNTED STREET NAME SIGNS
AND SCHEDULE OF QUANTITIES
US RTE 20 (LAKE ST) AT BARTLETT RD

SCALE: N.T.S. SHEET 7 OF 7 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	76
CONTRACT NO. 62P51				
ILLINOIS FED. AID PROJECT				

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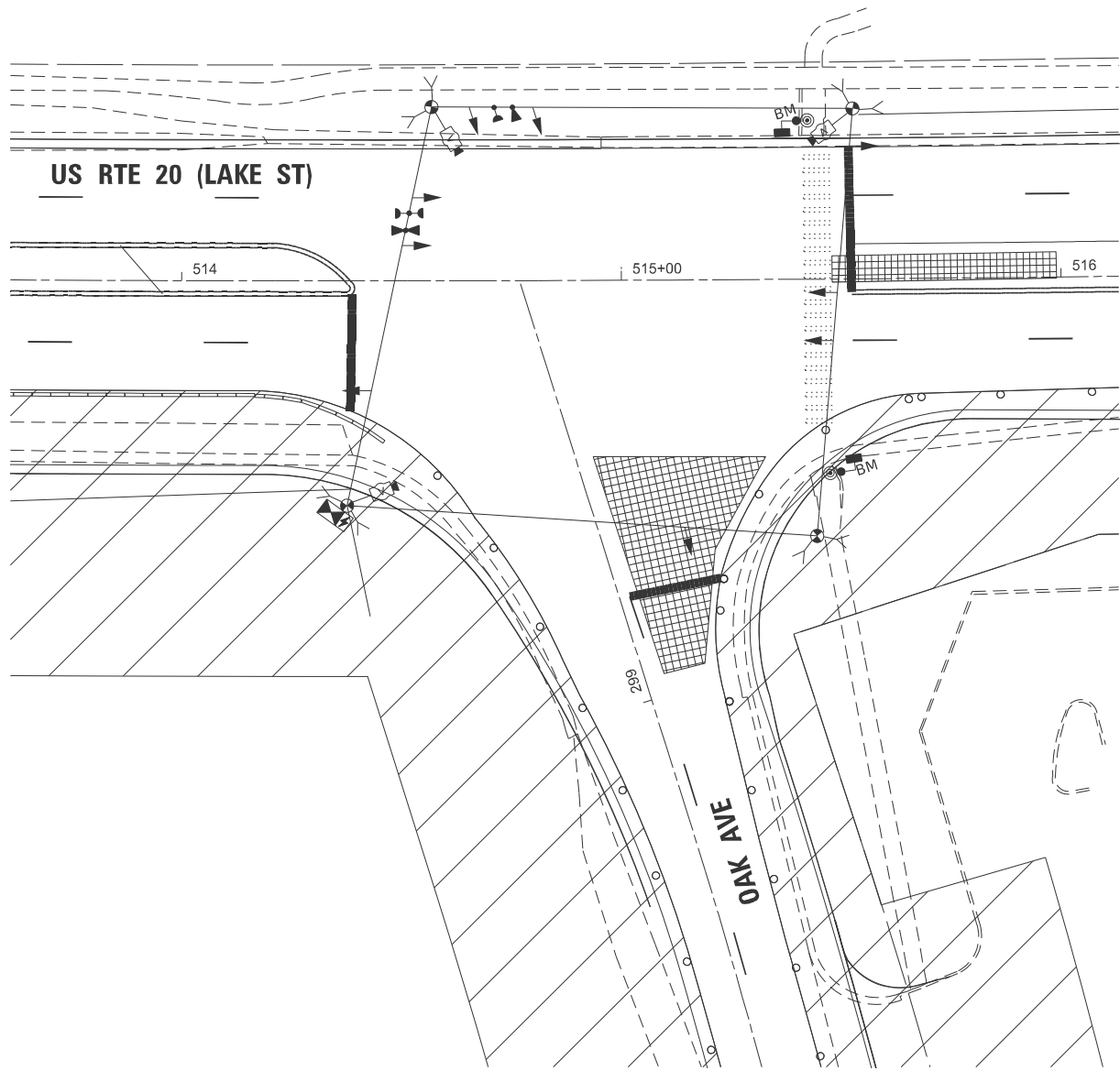
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	DRAWN - KJS	REVISED -
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PLOT DATE = 1/5/2026	DATE - 3/2/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

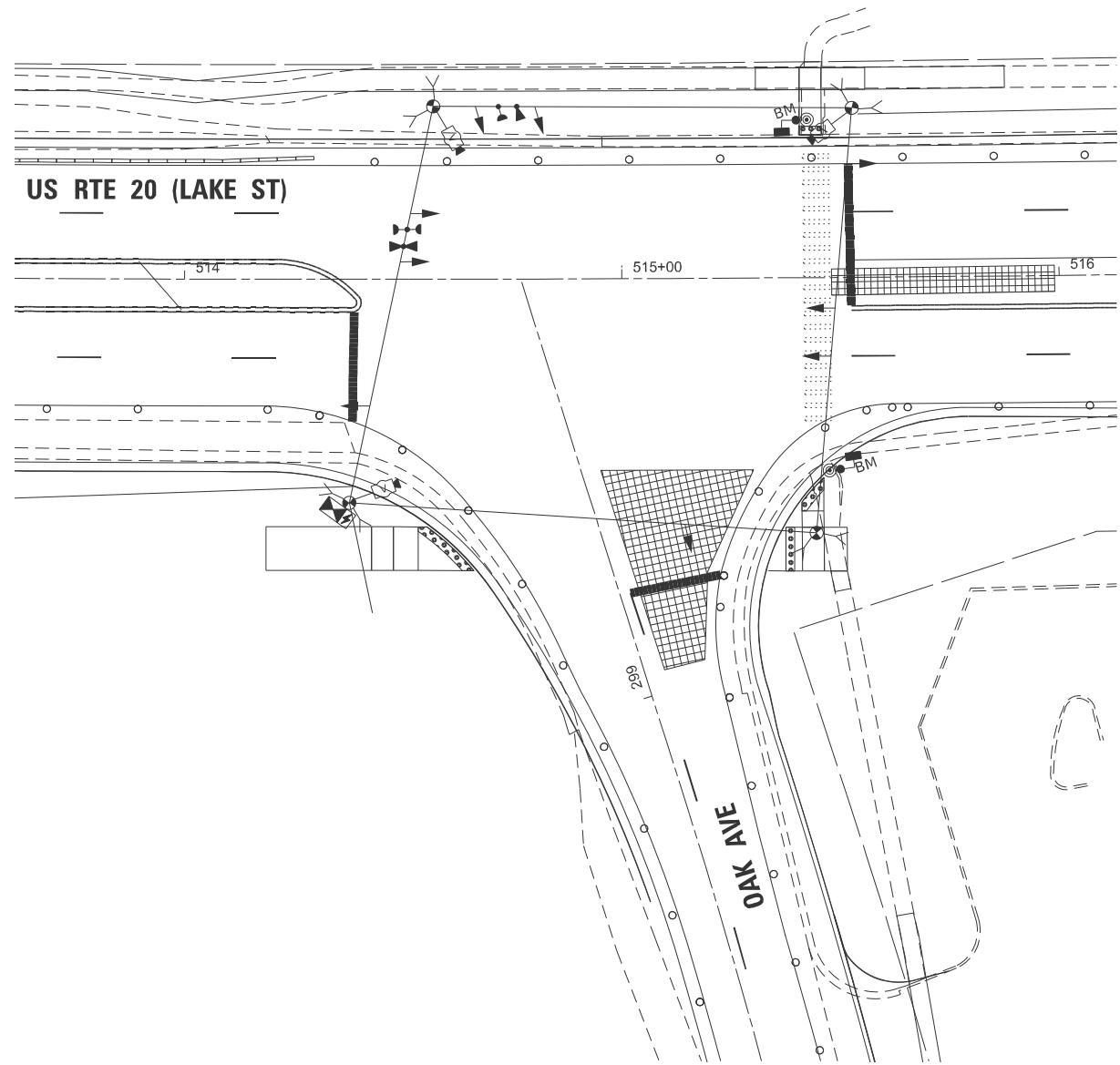
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN
US RTE 20 (LAKE ST) AT OAK AVE

SCALE: 1" = 20' SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	78
CONTRACT NO. 62P51				
ILLINOIS FED. AID PROJECT				



TEMPORARY TRAFFIC SIGNAL STAGE 1



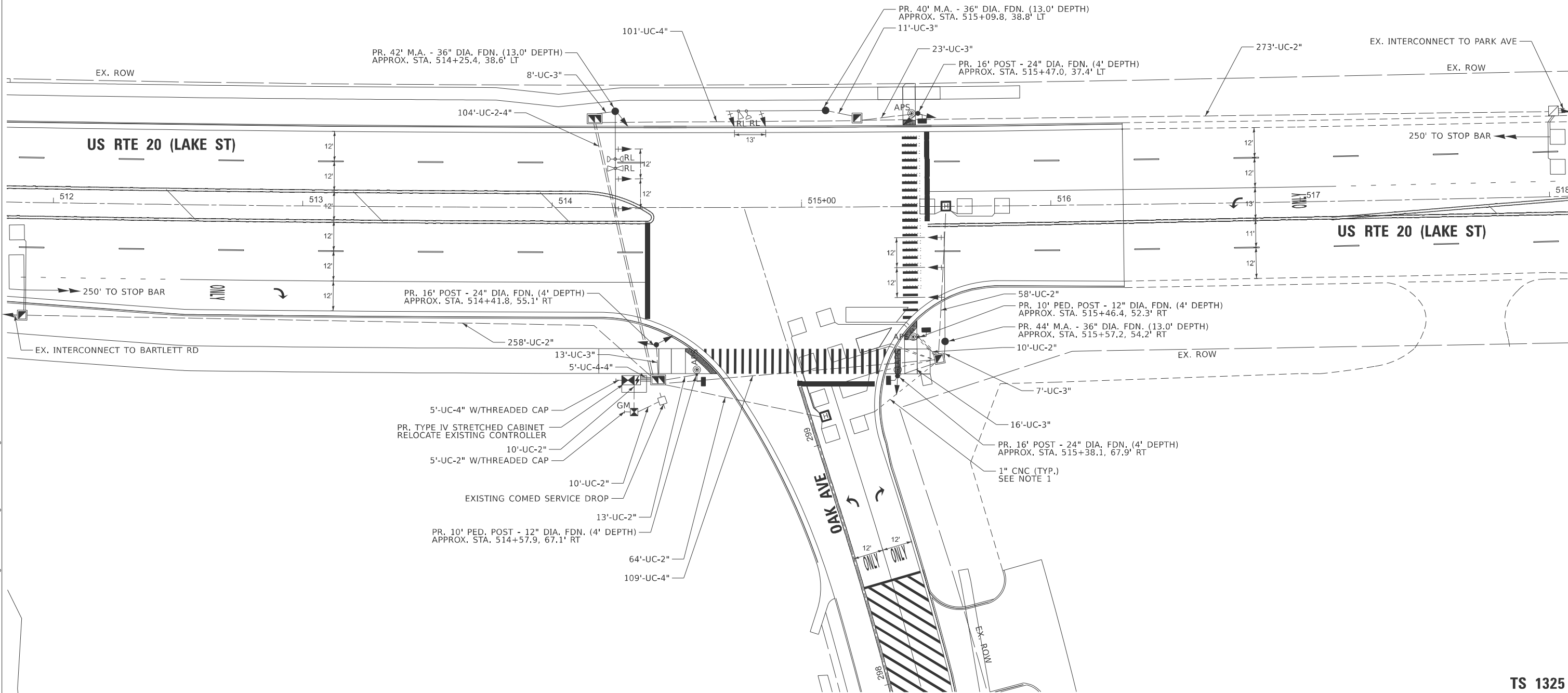
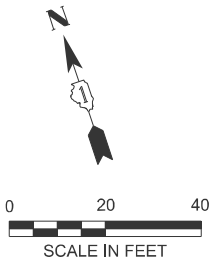
TEMPORARY TRAFFIC SIGNAL STAGE 2

TS 1325
IDOT TACTICS



NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICIATIONS.
2. THE CONTRACTOR SHALL RE-INSTALL PREVIOUSLY COILED INTERCONNECT FIBER AND TRACER CABLE INTO THE PROPOSED CONDUIT LEADING TO THE PROPOSED TRAFFIC SIGNAL CONTROLLER CABINET, SEE INTERCONNECT PLANS FOR MORE DETAIL.
3. THE EXISTING LAYER II SWITCH SHALL BE RELOCATED FROM THE TEMPORARY CONTROLLER CABINET TO THE PROPOSED CONTROLLER CABINET AFTER THE PROPOSED TRAFFIC SIGNAL TURN-ON.



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FILE NAME: H:\Project\1500015218-03TechData\CADDesign\ORD\CADDrawings\162P51-Border.dgn



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PLOT DATE = 1/5/2026	DATE - 3/2/2026	REVISED -

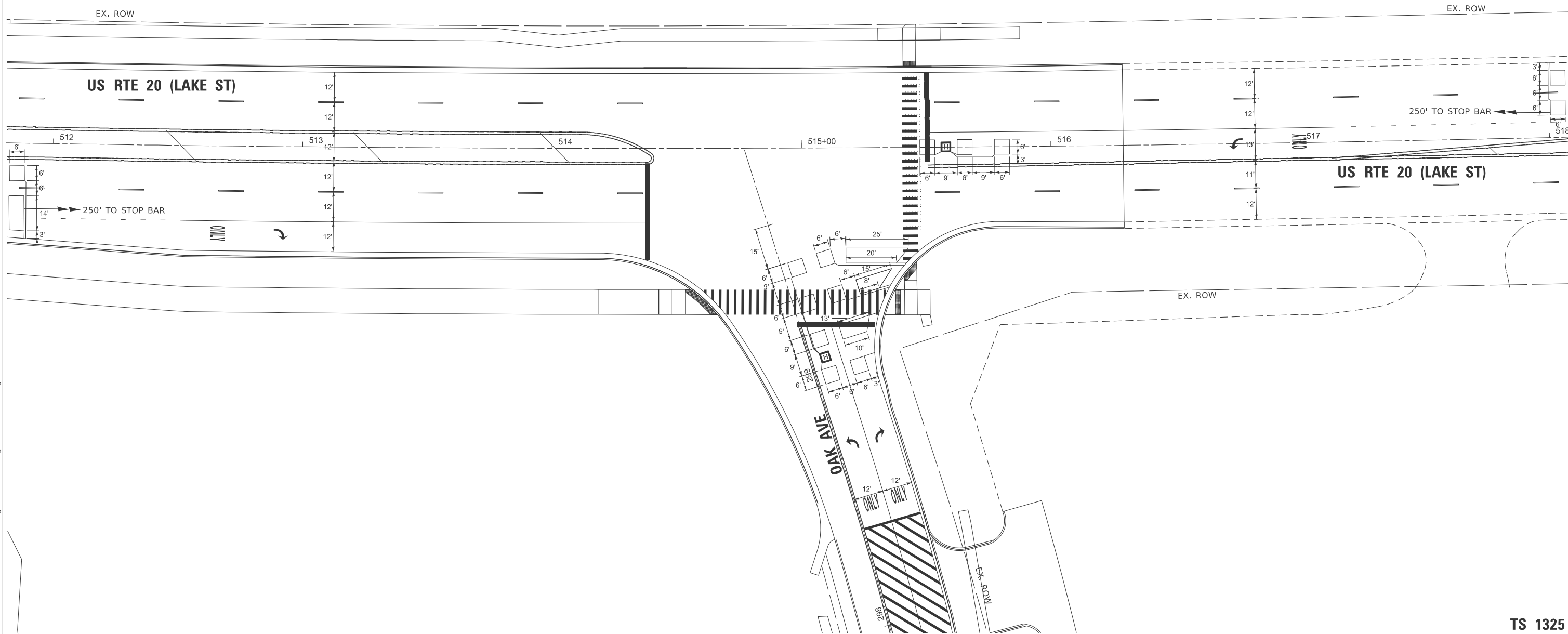
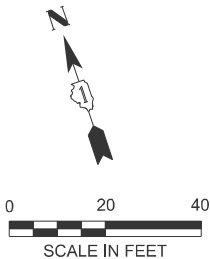
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN
US RTE 20 (LAKE ST) AT OAK AVE

SCALE: 1" = 20' SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	80
CONTRACT NO. 62P51				
ILLINOIS FED. AID PROJECT				

TS 1325
IDOT TACTICS



MODEL: Default
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PLOT DATE = 1/5/2026	DATE - 3/2/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

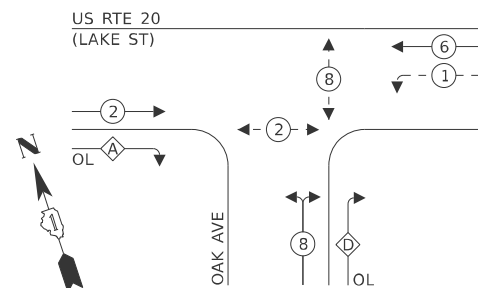
DETECTOR LOOP LAYOUT PLAN
US RTE 20 (LAKE ST) AT OAK AVE

SCALE: 1" = 20' SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	81
CONTRACT NO. 62P51				
ILLINOIS FED. AID PROJECT				

TS 1325
IDOT TACTICS

PROPOSED CONTROLLER SEQUENCE



RIGHT TURN OVERLAP

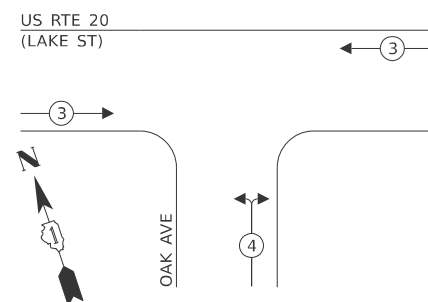
PHASE DESIGNATION:

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2	+ 8
D	= 8	+ 1

LEGEND:

- ← (*) PROTECTED PHASE
- ← (*) - PROTECTED/PERMITTED PHASE
- ← (*) → PEDESTRIAN PHASE
- ← OL OVERLAP

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



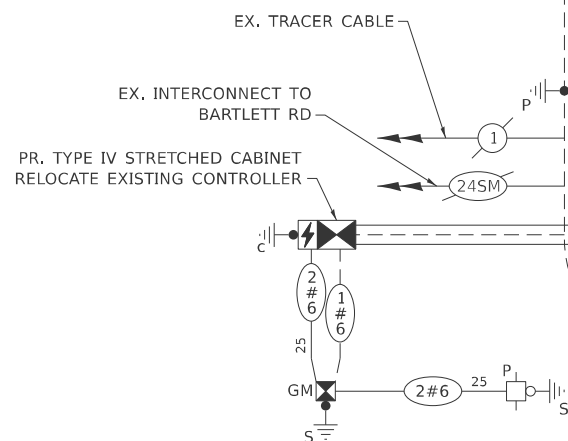
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	8	11	88
4-SECTION	-	14	-
5-SECTION	6	13	78
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	4	15	60
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	1	35	35
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			436
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1,041

ENERGY COSTS TO:

VILLAGE OF BARTLETT
228 S. MAIN ST
BARTLETT, IL 60103

ENERGY SUPPLY: CONTACT: NEW BUSINESS DEPARTMENT
PHONE: (866) 639-3532
COMPANY: COMED
ACCOUNT NUMBER: 04738-78000
METER NUMBER: ---



US RTE 20
(LAKE ST)

OAK AVE

CABLE PLAN (NOT TO SCALE)

NOTE:

ALL RED SIGNAL INDICATIONS
SHALL HAVE A LENS COVER.

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FILE NAME: H:\Projects\1500015218-03TechData\CADDesign\ORD\CADDrawings\ID162P51-6border.dgn



USER NAME = kspence
PLOT DATE = 1/5/2026

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DATE - 3/2/2026

REVISED - 03/30/2026
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE US RTE 20 (LAKE ST) AT OAK AVE

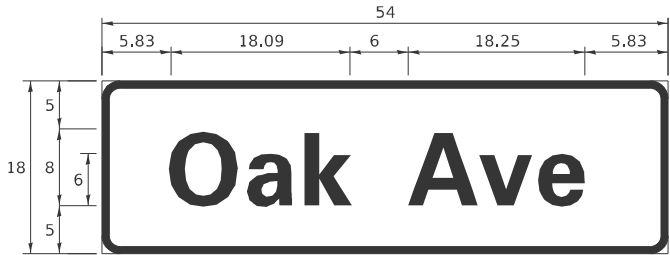
SCALE: N.T.S. SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	82
CONTRACT NO. 62P51				
ILLINOIS FED. AID PROJECT				

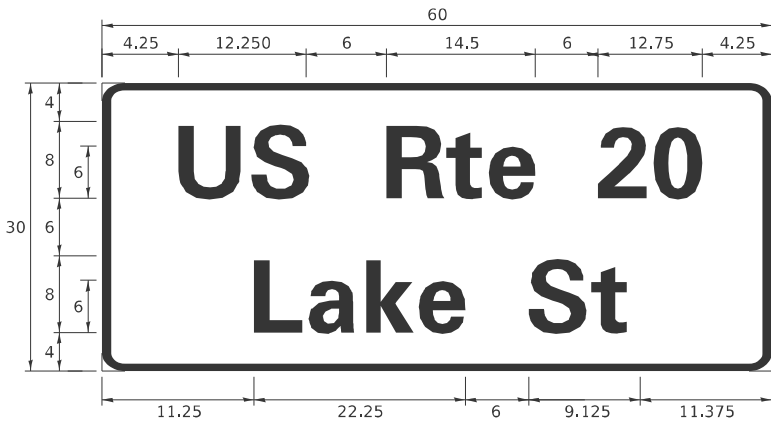
TS 1325
IDOT TACTICS

SIGN PANEL – TYPE 1 OR TYPE 2

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY REQUIRED
D	6.75	1	ZZ	2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY REQUIRED
D	12.5	2	ZZ	1

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION SEE DISTRICT ONE STANDARD TS-02 - MAST ARM MOUNTED STREET NAME SIGNS.

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SQ FT	14
SIGN PANEL - TYPE 2	SQ FT	13
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	701
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	78
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	443
HANDHOLE	EACH	3
HEAVY-DUTY HANDHOLE	EACH	2
DOUBLE HANDHOLE	EACH	2
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	652
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1176
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1865
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	989
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2061
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	50
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	629
TRAFFIC SIGNAL POST, 16 FT.	EACH	3
STEEL MAST ARM ASSEMBLY AND POLE, 40 FT	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 42 FT	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 44 FT	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	16
CONCRETE FOUNDATION, TYPE D	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	39
DRILL EXISTING HANDHOLE	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	5
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	3
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4
TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	8
INDUCTIVE LOOP DETECTOR	EACH	7
DETECTOR LOOP, TYPE I	FOOT	705
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
RELOCATE EXISTING TRAFFIC SIGNAL CONTROLLER	EACH	1
* RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	2
* RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	6
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	7
* EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	512
RELOCATE SWITCH	EACH	1
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	2
UNINTERRUPTABLE POWER SUPPLY AND CABINET (SPECIAL)	EACH	1
CONTROLLER CABINET TYPE IV (SPECIAL)	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	8
LED SIGNAL FACE, LENS COVER	EACH	14
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

* 100% COST TO THE VILLAGE OF BARTLETT

TS 1325
IDOT TACTICS

MODEL: Default
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAST ARM MOUNTED STREET NAME SIGNS
AND SCHEDULE OF QUANTITIES
US RTE 20 (LAKE ST) AT OAK AVE

SCALE: N.T.S. SHEET 7 OF 7 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	83
CONTRACT NO. 62P51				
		ILLINOIS	FED. AID PROJECT	