04-24-2026 LETTING ITEM 003

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS *	SHEET NO.
345	2021-133-N	COOK	141	1
	ILLINOIS	CONTRACT NO. 62P51		

* 141 + 13 = 154 TOTAL SHEETS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

F.A.P. ROUTE 345 (US 20 / LAKE STREET)
AT OAK AVENUE AND BARTLETT ROAD
SECTION 2021-133-N
PROJECT CMAQ-A124(543)
INTERSECTION IMPROVEMENT,
TRAFFIC SIGNAL MODERNIZATION, AND LIGHTING
COOK COUNTY

C-91-003-22

D-91-011-22



LOCATION OF SECTION INDICATED THUS: -

FOR INDEX OF SHEETS, SEE SHEET NO. 2

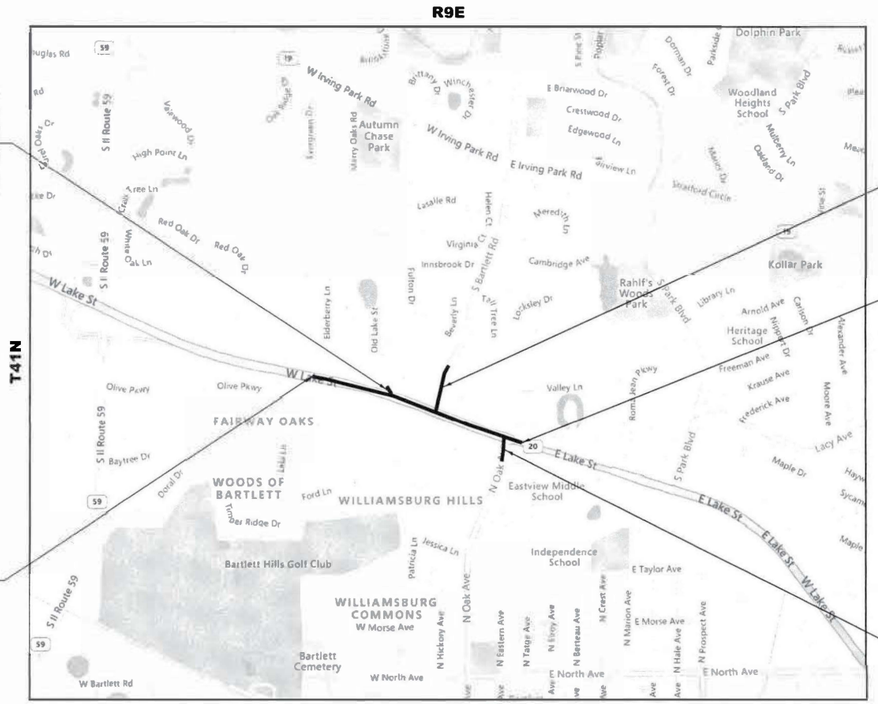
THIS IMPROVEMENT IS LOCATED IN THE VILLAGES OF BARTLETT AND STREAMWOOD

TRAFFIC DATA

ROUTE	SPEED	ADT (YEAR)
US 20 (LAKE STREET)	40-45 MPH	36,900 (2025)
BARTLETT ROAD	35 MPH	9,800 (2022)
OAK AVENUE	30 MPH	4,600 (2022)
OLD LAKE STREET	25 MPH	NOT AVAILABLE

R9E

T41N



HANOVER TOWNSHIP

PROJECT LIMITS OLD LAKE STREET BEGINS: STA. 50+00 ENDS: STA. 51+08

PROJECT BEGINS US 20 STA. 490+23

PROJECT LIMITS BARTLETT ROAD BEGINS: STA. 200+00 ENDS: STA. 206+85

PROJECT ENDS US 20 STA. 518+06

PROJECT LIMITS OAK AVENUE BEGINS: STA. 296+41 ENDS: STA. 300+00

N

LOCATION MAP (NOT TO SCALE)

100' 200' 300' — 1"= 100'
0 10' 20' 30' — 1"= 10'
0 50' 100' — 1"= 50'
0 50' 100' — 1"= 40'
0 50' 100' — 1"= 30'
0 50' 100' — 1"= 20'

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED January 21 20 26
REGIONAL ENGINEER
March 20 20 26
ENGINEER OF DESIGN AND ENVIRONMENT
March 20 20 26
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

PROJECT ENGINEER: DAN WILGREEN (847) 705-4240
PROJECT MANAGER: J.ALAIN MIDY (847) 221-3056

CONTRACT NO. 62P51

GROSS AND NET LENGTH = 3,935 FT. = 0.75 MILE

REV-SEP

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2-3	INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES
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10	HMA MIX TABLE
11-15	EXISTING AND PROPOSED TYPICAL SECTIONS
16	SCHEDULE OF QUANTITIES
17-18	ALIGNMENT, TIES, AND BENCHMARKS
19-25	EXISTING AND PROPOSED ROADWAY PLAN AND PROFILE
26-26D	CURB RAMP DETAILS
27-39	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
40-41	EROSION AND SEDIMENT CONTROL PLAN
42-50	EXISTING AND PROPOSED DRAINAGE PLAN, PROFILE, AND SCHEDULES
51-53	SUBSURFACE UTILITY ENGINEERING (S.U.E.) STUDY PLAN
54-65	PLAT OF HIGHWAYS
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68-69	LANDSCAPING PLAN
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70-87A	TRAFFIC SIGNAL PLAN
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97-100	EXISTING AND PROPOSED SIGNING PLAN
101	BD-01: DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB OR EDGE OF SHOULDER GREATER THAN OR EQUAL TO 15' (4.5 M)
102	BD-02: DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB IS LESS THAN 15' (4.5 M)
103	BD-08: DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
104	BD-22: PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
105	BD-24: CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
106	BD-32: BUTT JOINTS AND HMA TAPER DETAILS
107	BD-51: BENCHING DETAIL FOR EMBANKMENT WIDENING
108	TC-10: TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
109	TC-11: RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
110	TC-13: DISTRICT ONE TYPICAL PAVEMENT MARKINGS
111	TC-14: TRAFFIC CONTROL AND PROTECTION AND TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
112	TC-16: SHORT-TERM PAVEMENT MARKING LETTERS AND SYMBOLS
113	TC-21: DETOUR SIGNING FOR CLOSING STATE HIGHWAYS
114	TC-22: ARTERIAL ROAD INFORMATION SIGN
115	TC-26: DRIVEWAY ENTRANCE SIGNING
116	PCC SIDEWALK CONSTRUCTION DETAIL - COOK COUNTY DoTH (FOR BARTLETT ROAD)
117	DETECTABLE WARNINGS FOR COOK COUNTY JURISDICTION (FOR BARTLETT ROAD)
118-141	EXISTING AND PROPOSED CROSS SECTIONS

HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-11	PAVEMENT JOINTS
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-06	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-05	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-07	DEPRESSED CORNER FOR SIDEWALKS
424026-04	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
442201-04	CLASS C AND D PATCHES

HIGHWAY STANDARDS CONTINUED

STANDARD NO.	DESCRIPTION
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
601001-05	PIPE UNDERDRAINS
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAINS
602001-02	CATCH BASIN TYPE A
602011-02	CATCH BASIN TYPE C
602402-03	PRECAST MANHOLE TYPE A 5' DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-05	FRAME AND LIDS TYPE 1
604036-03	GRATE TYPE 8
604091-05	FRAME AND GRATE TYPE 24
606001-09	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006-04	OUTLETS FOR CONCRETE CURB AND GUTTER TYPE B-6.24
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701001-02	OFF-RD OPERATIONS 2L 2W MORE THAN 15FT
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701301-04	LANE CLOSURE, 2L 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L 2W, MOVING OPERATIONS DAY ONLY
701426-09	LANE CLOSURE MULTILANE INTERMITTENT OR MOVING OPERATIONS 45MPH OR MORE
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS 40MPH OR LESS
701501-06	URBAN LANE CLOSURE, 2L 2W, UNDIVIDED
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-11	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
814001-03	HANDHOLES
814006-03	DOUBLE HANDHOLES
862001-01	UNINTERRUPTABLE POWER SUPPLY
873001-02	TRAFFIC SIGNAL GROUNDING AND BONDING
877001-08	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-11	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASH BEACON INSTALL
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS

GENERAL NOTES

1. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE VILLAGES OF BARTLETT AND STREAMWOOD.
2. THE CONTRACTOR SHALL CONTACT THE DISTRICT TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
3. THE RESIDENT ENGINEER SHALL CONTACT EMAD ALHUSSEINI, AREA TRAFFIC FIELD ENGINEER, AT EMAD.ALHUSSEINI@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
4. THE RESIDENT ENGINEER SHALL NOTIFY THE RENTERS OF THE FARMSTAND AT APPROXIMATELY STA. 510+40, RT A MINIMUM OF TWO (2) WEEKS PRIOR THE BEGINNING OF CONSTRUCTION. THE RESIDENT ENGINEER SHALL ALSO INFORM THE RENTERS TO RELOCATE THE FARMSTAND CHANGEABLE LETTER SIGN TO OUTSIDE THE WORK AREA.
5. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
6. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
7. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR SHALL NOT USE THE PAVED/GRAVEL AREA IN FRONT OF THE FARMSTAND AT APPROXIMATELY STA. 509+00 TO STA. 511+40, RT FOR PARKING OF EQUIPMENT OR AS A STAGING AREA.
8. ALONG US 20 AT THE SOUTHWEST CORNER OF US 20 AND OAK AVENUE, THE WORK AREA SHALL NOT EXCEED 75' FROM THE CENTERLINE OF US 20. ALONG OAK AVENUE AT THE SOUTHWEST CORNER OF US 20 AND OAK AVENUE, THE WORK AREA SHALL NOT EXCEED 50' FROM THE CENTERLINE OF OAK AVENUE.
9. ALL PAVEMENT PATCHING LOCATIONS SHALL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.
10. FINAL SIGN LOCATIONS TO BE DETERMINED IN THE FIELD BY THE ENGINEER.
11. ALL MILLED SURFACES SHALL BE A UNIFORM CROSS SLOPE PER LANE AND FREE OF RIDGES BETWEEN PASSES. ANY DEVIATIONS SHALL BE CORRECTED AT NO COST TO THE DEPARTMENT.
12. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING TO THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
13. TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN.
14. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE RESIDENT ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
15. OVERNIGHT LANE CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURES AS DETERMINED AND APPROVED IN WRITING BY THE RESIDENT ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS.
16. PAVEMENT MARKING TAPE, TYPE IV SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
17. SHORT TERM OR TEMPORARY PAVEMENT MARKINGS USED FOR THE RESURFACING PORTION OF THE PROJECT SHALL NOT BE REMOVED ON THE INTERMEDIATE SURFACES, UNLESS DIRECTED BY THE ENGINEER.
18. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAVE BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
19. ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT CONTRACTOR'S EXPENSE.
20. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
21. THE AGGREGATE GRADATION FOR THE LOWER 9 INCHES OF AGGREGATE SUBGRADE IMPROVEMENT 12" SHALL BE CS 1 OR RR 1.
22. TOP OF GRATE ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF EACH STRUCTURE. FRAMES/GRATES ON ALL NEW STRUCTURES SHALL BE ADJUSTED TO THE FINAL ELEVATIONS OF THE AREAS IN WHICH THEY ARE LOCATED, AS PART OF THE STRUCTURE COST.
23. PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED A MINIMUM OF 6" BELOW THE AGGREGATE SUBGRADE IMPROVEMENT LAYER. THE COST OF MAKING PIPE UNDERDRAIN CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAINS.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	2
		CONTRACT NO. 62P51		
	ILLINOIS	FED. AID PROJECT		

GENERAL NOTES CONTINUED

24. THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN (INCLUDING WORK WITHIN WETLANDS) TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES (INCLUDING WORK WITHIN WETLANDS) CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN (INCLUDING WORK WITHIN WETLANDS) WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED WITH THE EXCEPTION OF COFFERDAMS, WHICH WILL BE PAID FOR AS COFFERDAM (TYPE 1) (IN-STREAM/WETLAND WORK) WITH A BASIS OF PAYMENT OF EACH.

25. THE CONTRACTOR SHALL ATTACH AN ALUMINUM SIGN WITH THE FOLLOWING TEXT: PROTECTED WETLAND – NO INTRUSION. THE SIGN(S) SHALL BE ATTACHED TO THE STAKES BY A METHOD APPROVED BY THE ENGINEER. THE SIGN(S) WILL BE PROVIDED BY THE DEPARTMENT AND SHALL BE PICKED UP BY THE CONTRACTOR FROM THE DISTRICT ONE ROADSIDE DEVELOPMENT ARCHITECT IN SCHAUMBURG, ILLINOIS. SCHEDULING THE PICKUP OF THE SIGNS CAN BE ARRANGED BY CONTACTING THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT AT 847-705-4171. WHEN WORK HAS BEEN COMPLETED, THE SIGN SHALL BE RETURNED TO THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT. THE COST OF PICKING UP, ATTACHING THE SIGNS TO THE TEMPORARY FENCE STAKES AND RETURNING THE SIGNS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY FENCE. THE CONTRACTOR SHALL INCLUDE TEMPORARY FENCING AND WETLAND SIGNAGE WITHIN THE EROSION AND SEDIMENT CONTROL STRATEGY.

26. THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE, USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) and USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

27. ANY ENCROACHMENT INTO MAINLINE PCC PAVEMENT OF BARTLETT ROAD FOR ANY PROPOSED CONSTRUCTION OR ANY SPALLING GREATER THAN 1/4 INCH SHALL REQUIRE THAT ONE FULL LANE BE REPLACED FOR A DISTANCE OF NO LESS THAN 6 FEET. THE COST OF THIS WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

28. 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).

29. THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE PRESERVATION OF EXISTING TREES IS OF UTMOST IMPORTANCE TO THE VILLAGE OF BARTLETT AND THE VILLAGE OF STREAMWOOD. THE CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07. REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN.

30. THE CONTRACTOR SHALL TAKE EXTRA CARE IN GRADING AND EXCAVATING NEAR TREES WHICH ARE NOT MARKED FOR REMOVAL SO AS NOT TO CAUSE INJURY TO THE ROOT SYSTEM OR TRUNKS. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.

31. EXISTING VEGETATED AREAS (TREES, SHRUBS, VEGETATIVE BUFFERS, TURF AREAS, ETC.) WHERE DISTURBANCE IS NOT OCCURRING (INCLUDING AREAS OUTSIDE THE PROJECT LIMITS) SHALL NOT BE DISTURBED TO ENSURE THAT EXISTING VEGETATION IS PRESERVED HEALTHY TO MINIMIZE SOIL EROSION AND TO ELIMINATE SOIL COMPACTION. NO MATERIALS ARE TO BE STORED, OR VEHICLES DRIVEN OR PARKED WITHIN THESE UNDISTURBED AREAS AT ANY TIME.

32. TEMPORARY FENCE SHOULD BE ERECTED ALONG THE DRIPLINE OF THE TREES, SHRUBS, AND LANDSCAPED BEDS WITHIN THE LIMITS OF CONSTRUCTION DESIGNATED TO REMAIN TO ESTABLISH A "TREE PROTECTION ZONE" AND AROUND EXISTING WETLANDS TO ESTABLISH A "WETLAND PROTECTION ZONE" BEFORE ANY WORK BEGINS OR ANY MATERIAL IS DELIVERED TO THE JOBSITE. NO WORK IS TO BE PERFORMED (OTHER THAN ROOT PRUNING), MATERIALS STORED, OR VEHICLES DRIVEN OR PARKED WITHIN THE "TREE PROTECTION ZONE" AND "WETLAND PROTECTION ZONE". REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.

33. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE ROADSIDE DEVELOPMENT UNIT AT 847-705-4171 TO SCHEDULE A WALK THROUGH TO DETERMINE TREE PROTECTION AND WHICH TREES MAY REQUIRE ROOT PRUNING A MINIMUM OF 7 DAYS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ALL TREE PROTECTION SHALL BE IN PLACE BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DIRECTED BY THE ROADSIDE DEVELOPMENT UNIT.

34. PHOSPHORUS FERTILIZER HAS BEEN INTENTIONALLY OMITTED FROM THE CONTRACT DUE TO THE PROXIMITY TO THE EXISTING WETLANDS/BODIES OF WATER. A PHOSPHORUS-FREE FERTILIZER SHALL BE USED (MIDDLE NUMBER SHOULD EQUAL 0).

35. THE CONTRACTOR WILL CONTACT THE ROADSIDE DEVELOPMENT UNIT AT 847-705-4171, AT LEAST 7 DAYS PRIOR TO PLANTING FOR LAYOUT APPROVAL OF THE TREES, SHRUBS, AND ALL SEEDING.

36. THE CONTRACTOR SHALL OBSERVE AND COMPLY WITH ALL SECTIONS OF THE ILLINOIS CUSTOM SPRAY LAW, INCLUDING LICENSING. CONTRACTOR PERSONNEL APPLYING HERBICIDES SHALL HAVE A VALID PESTICIDE APPLICATOR LICENSE ISSUED BY THE ILLINOIS DEPARTMENT OF AGRICULTURE. THE LICENSED PESTICIDE APPLICATOR SHALL SUBMIT THEIR CURRENT LICENSE TO THE ENGINEER. THE LICENSED PESTICIDE APPLICATOR SHALL BE QUALIFIED AT A MINIMUM IN RIGHT-OF-WAY AND AQUATICS. THE LICENSED APPLICATOR SHALL WORK ON-SITE.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: | SHEET 2 OF 2 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	3
		CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE: 80% FEDERAL 20% STATE — ROADWAY 0004 URBAN	80% FEDERAL 13.3% STATE 6.7% BARTLETT — TR. SIGNALS 0021 URBAN	80% FEDERAL 20% STATE — INTERCONNECT 0021 URBAN	100% BARTLETT — E.V.P. 0021 URBAN	100% BARTLETT — LIGHTING 0021 URBAN	100% STATE — ROADWAY 0004 URBAN
	20101000	TEMPORARY FENCE	FOOT	1719	1719					
	20200100	EARTH EXCAVATION	CU YD	5640	5640					
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	387	387					
	20800150	TRENCH BACKFILL	CU YD	1271	1271					
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1159	1159					
	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	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	CU YD	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	1458	1458					
*	SPECIALTY ITEM									

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE: 80% FEDERAL 20% STATE — ROADWAY 0004 URBAN	80% FEDERAL 13.3% STATE 6.7% BARTLETT — TR. SIGNALS 0021 URBAN	80% FEDERAL 20% STATE — INTERCONNECT 0021 URBAN	100% BARTLETT — E.V.P. 0021 URBAN	100% BARTLETT — LIGHTING 0021 URBAN	100% STATE — ROADWAY 0004 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	12879	12879					
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	324	324					
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	2841	2841					
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	8478	8478					
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	3885	3885					
42400800	DETECTABLE WARNINGS	SQ FT	95	95					
44000100	PAVEMENT REMOVAL	SQ YD	481	481					
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	1301	1301					

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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 1 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	4
		CONTRACT NO. 62P51		
	ILLINOIS	FED. AID PROJECT		

REV-SEP

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
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	17061	17061					
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1393	1393					
44000300	CURB REMOVAL	FOOT	420	420					
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1652	1652					
44000600	SIDEWALK REMOVAL	SQ FT	4109	4109					
44004250	PAVED SHOULDER REMOVAL	SQ YD	2366	2366					
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SQ YD	4	4					
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	162	162					
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	85	85					
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	51	51					
44201863	CLASS D PATCHES, TYPE II, 18 INCH	SQ YD	174	174					
44201867	CLASS D PATCHES, TYPE III, 18 INCH	SQ YD	87	87					
44201869	CLASS D PATCHES, TYPE IV, 18 INCH	SQ YD	58	58					
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	927	927					
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	2	2					
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1	1					
542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	28.1	28.1					
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	126	126					
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	224.9	224.9					
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	634.6	634.6					
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	35.1	35.1					
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	526.8	526.8					
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	168.4	168.4					
*	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
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004	TR. SIGNALS 0021	INTERCONNECT 0021	E.V.P. 0021	LIGHTING 0021	ROADWAY 0004
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
55100500	STORM SEWER REMOVAL 12"	FOOT	605	605					
55100700	STORM SEWER REMOVAL 15"	FOOT	1028	1028					
55100900	STORM SEWER REMOVAL 18"	FOOT	217	217					
55101200	STORM SEWER REMOVAL 24"	FOOT	390	390					
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	8	8					
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	54	54					
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	5050	5050					
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	8	8					
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	5	5					
60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	1	1					
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1	1					
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	11	11					
60221000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1					
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	14	14					
60221700	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	5	5					
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1	1					
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	5	5					
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	14	14					
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	5	5					
60500040	REMOVING MANHOLES	EACH	14	14					
60500050	REMOVING CATCH BASINS	EACH	11	11					
60500060	REMOVING INLETS	EACH	5	5					
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	3.5	3.5					

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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 2 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	5
		CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			

REV-SEP

SUMMARY OF QUANTITIES

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE: 80% FEDERAL 20% STATE — ROADWAY 0004 URBAN	80% FEDERAL 13.3% STATE 6.7% BARTLETT — TR. SIGNALS 0021 URBAN	80% FEDERAL 20% STATE — INTERCONNECT 0021 URBAN	100% BARTLETT — E.V.P. 0021 URBAN	100% BARTLETT — LIGHTING 0021 URBAN	100% STATE — 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	CU YD	3890	3890					
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	10	10					
*	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	15	15					
	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	4162	4162					
	70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	5250	5250					
	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									

SUMMARY OF QUANTITIES

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE: 80% FEDERAL 20% STATE — ROADWAY 0004 URBAN	80% FEDERAL 13.3% STATE 6.7% BARTLETT — TR. SIGNALS 0021 URBAN	80% FEDERAL 20% STATE — INTERCONNECT 0021 URBAN	100% BARTLETT — E.V.P. 0021 URBAN	100% BARTLETT — LIGHTING 0021 URBAN	100% STATE — 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	2081	2081					
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2625	2625					
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	219	219					

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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 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			

REV-SEP

SUMMARY OF QUANTITIES

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE: 80% FEDERAL 20% STATE ROADWAY 0004 URBAN	80% FEDERAL 13.3% STATE 6.7% BARTLETT TR. SIGNALS 0021 URBAN	80% FEDERAL 20% STATE INTERCONNECT 0021 URBAN	100% BARTLETT E.V.P. 0021 URBAN	100% BARTLETT LIGHTING 0021 URBAN	100% STATE 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	255	255					
*	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					
*	[illegible]	[illegible]	[illegible]	[illegible]						
*	[illegible]	[illegible]	[illegible]	[illegible]						
*	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	2035		1430	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									

SUMMARY OF QUANTITIES

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE: 80% FEDERAL 20% STATE ROADWAY 0004 URBAN	80% FEDERAL 13.3% STATE 6.7% BARTLETT TR. SIGNALS 0021 URBAN	80% FEDERAL 20% STATE INTERCONNECT 0021 URBAN	100% BARTLETT E.V.P. 0021 URBAN	100% BARTLETT LIGHTING 0021 URBAN	100% STATE 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	1658		1658				
*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2770		2770				
*	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	1339		1339				
*	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	12		12				
*	88500100	INDUCTIVE LOOP DETECTOR	EACH	15		15				

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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			

REV-SEP

SUMMARY OF QUANTITIES

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE: 80% FEDERAL 20% STATE ROADWAY 0004 URBAN	80% FEDERAL 13.3% STATE 6.7% BARTLETT TR. SIGNALS 0021 URBAN	80% FEDERAL 20% STATE INTERCONNECT 0021 URBAN	100% BARTLETT E.V.P. 0021 URBAN	100% BARTLETT LIGHTING 0021 URBAN	100% STATE ROADWAY 0004 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 SMCOSS (SUGAR SHACK BUTTONBUSH), 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									

SUMMARY OF QUANTITIES

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE: 80% FEDERAL 20% STATE ROADWAY 0004 URBAN	80% FEDERAL 13.3% STATE 6.7% BARTLETT TR. SIGNALS 0021 URBAN	80% FEDERAL 20% STATE INTERCONNECT 0021 URBAN	100% BARTLETT E.V.P. 0021 URBAN	100% BARTLETT LIGHTING 0021 URBAN	100% STATE ROADWAY 0004 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	5		5				
*	X1400368	RELOCATE EXISTING PTZ CAMERA	EACH	1		1				
*	X1400378	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	3		3				
*	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	198	198					
	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					

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USER NAME = farhan.tariq	DESIGNED -	REVISED -
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PLOT DATE = 2/3/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: | SHEET 5 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	8
		CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			

REV-SEP

SUMMARY OF QUANTITIES

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE: 80% FEDERAL 20% STATE ROADWAY 0004 URBAN	80% FEDERAL 13.3% STATE 6.7% BARTLETT TR. SIGNALS 0021 URBAN	80% FEDERAL 20% STATE INTERCONNECT 0021 URBAN	100% BARTLETT E.V.P. 0021 URBAN	100% BARTLETT LIGHTING 0021 URBAN	100% STATE ROADWAY 0004 URBAN
	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	12		12				
*	X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	32		32				
*	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					
Ø	Z0076600	TRAINEES	HOUR	1000	1000					
Ø	Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	1000	1000					

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE: 80% FEDERAL 20% STATE ROADWAY 0004 URBAN	80% FEDERAL 13.3% STATE 6.7% BARTLETT TR. SIGNALS 0021 URBAN	80% FEDERAL 20% STATE INTERCONNECT 0021 URBAN	100% BARTLETT E.V.P. 0021 URBAN	100% BARTLETT LIGHTING 0021 URBAN	100% STATE ROADWAY 0004 URBAN
X8040106	ELECTRIC SERVICE INSTALLATION AND CONNECTION	EACH	1		1				

* SPECIALTY ITEM

Ø 0042

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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 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			

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REV-SEP

HMA MIXTURE REQUIREMENTS			
MIXTURE USES	MIXTURE TYPE	AIR VOIDS @ Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
PAVEMENT WIDENING AND SHOULDER RECONSTRUCTION (US 20)	POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80; 1 3/4"	3.5% @ 80 GYR.	QCP
	POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; 3/4"	3.5% @ 50 GYR.	QC/QA
	WHEN WIDTH IS > 6' WIDE: HMA BASE COURSE (HMA BINDER IL-19.0); 10 3/4"	4% @ 90 GYR.	QC/QA
	WHEN WIDTH IS ≤ 6' WIDE: HMA BASE COURSE WIDENING (HMA BINDER IL-19.0); 10 3/4"	4% @ 90 GYR.	QC/QA
PAVEMENT RESURFACING AND SHOULDER RESURFACING (US 20)	POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80; 1 3/4"	3.5% @ 80 GYR.	QCP
	POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; 3/4"	3.5% @ 50 GYR.	QC/QA
PAVEMENT AND SHOULDER RECONSTRUCTION (OLD LAKE ST.)	HMA SURFACE COURSE, IL-9.5, MIX "D", N70; 2"	4% @ 70 GYR.	QC/QA
	HMA BASE COURSE (HMA BINDER IL-19.0); 5"	4% @ 70 GYR.	QC/QA
PAVEMENT WIDENING AND SHOULDER RECONSTRUCTION (OAK AVE.)	HMA SURFACE COURSE, IL-9.5, MIX "D", N70; 1 1/2"	4% @ 70 GYR.	QC/QA
	POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; 3/4"	3.5% @ 50 GYR.	QC/QA
	WHEN WIDTH IS > 6' WIDE: HMA BASE COURSE (HMA BINDER IL-19.0); 6 3/4"	4% @ 70 GYR.	QC/QA
PAVEMENT RESURFACING (OAK AVE.)	HMA SURFACE COURSE, IL-9.5, MIX "D", N70; 1 1/2"	4% @ 70 GYR.	QC/QA
	POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; 3/4"	3.5% @ 50 GYR.	QC/QA

HMA MIXTURE REQUIREMENTS			
MIXTURE USES	MIXTURE TYPE	AIR VOIDS @ Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
PATCHING	CLASS D PATCH (HMA BINDER IL-19.0); 10" OR 18"	4% @ 70 GYR.	QC/QA
DRIVEWAYS	HMA SURFACE COURSE, IL-9.5, MIX "D", N50; 2"	4% @ 50 GYR.	QC/QA
	HMA BASE COURSE (HMA BINDER IL-19.0); P.E. - 6", C.E. - 8"	4% @ 50 GYR.	QC/QA
SHARED-USE PATH (US 20)	HMA SURFACE COURSE, IL-9.5, MIX "D", N50; 2"	4% @ 50 GYR.	QC/QA
SHARED-USE PATH (BARTLETT RD.)	HMA SURFACE COURSE, IL-9.5, MIX "D", N50; 4" (IN 2 LIFTS)	4% @ 50 GYR.	QC/QA
QMP DESIGNATIONS: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) AND QUALITY CONTROL FOR PERFORMANCE (QCP)			

NOTE #1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

NOTE #2: THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

NOTE #3: WHEN SHOULDER RESURFACING OF 6 FEET OR LESS IS ALLOWED TO BE PLACED SIMULTANEOUSLY WITH THE ADJACENT TRAFFIC LANE, THE MAINLINE QUALITY MANAGEMENT PROGRAM WILL BE ENFORCED FOR THE MAINLINE AND SHOULDER.

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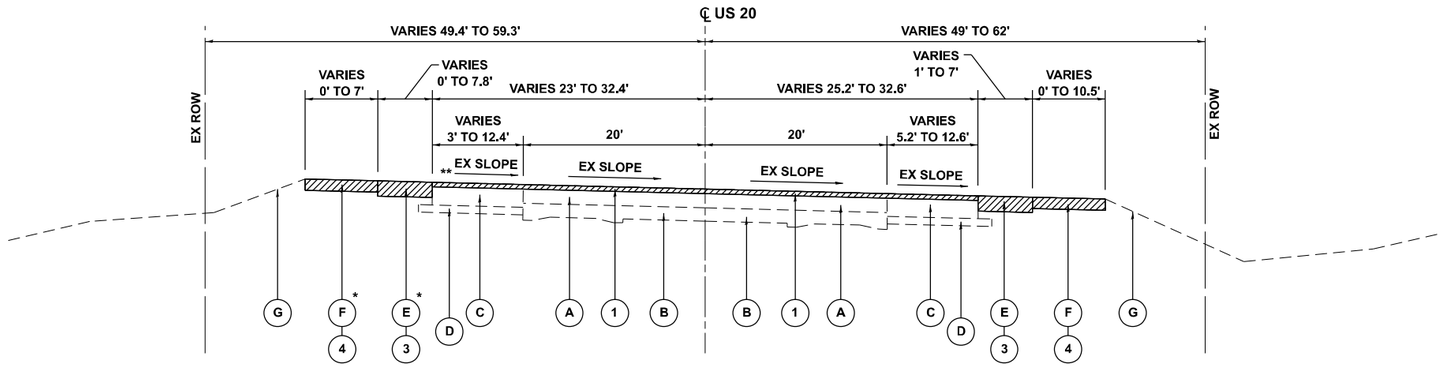
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HMA MIXTURE REQUIREMENTS TABLE
U.S. ROUTE 20 AT OAK AVENUE AND BARTLETT ROAD

SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

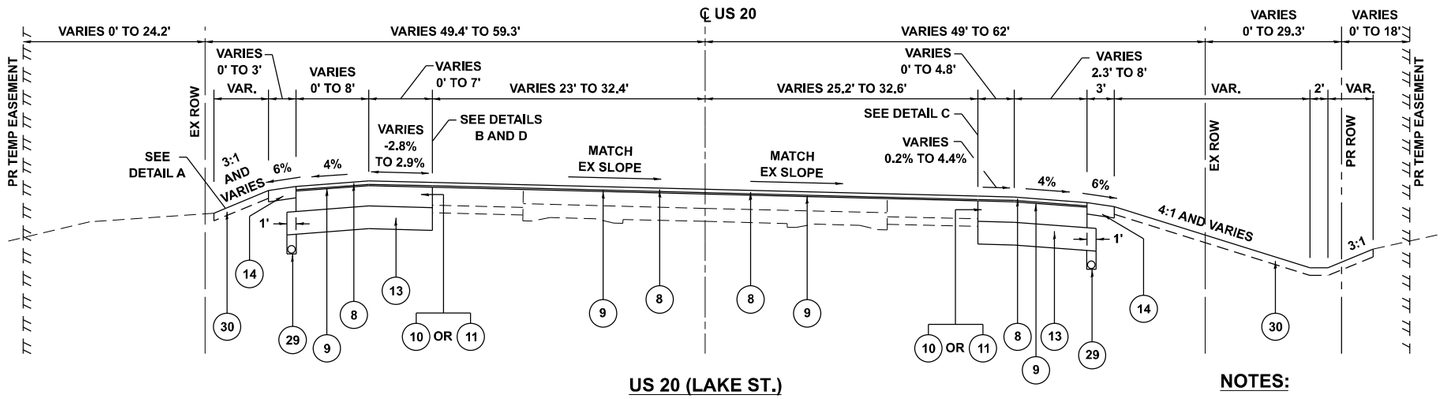
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	10
		CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			



* FROM STA. 503+01 TO STA. 504+06 (LT), EX COMB CONC CURB AND GUTTER PRESENT INSTEAD OF EX AGGREGATE SHOULDER, AND EX HMA SHOULDER AND CURB AND GUTTER SHALL REMAIN IN PLACE.

** PAVEMENT REMOVAL (WIDTH <= 1.5') FROM STA. 498+80 TO STA. 499+56 (LT). SEE ROADWAY PLANS FOR LOCATIONS OF REMOVAL.

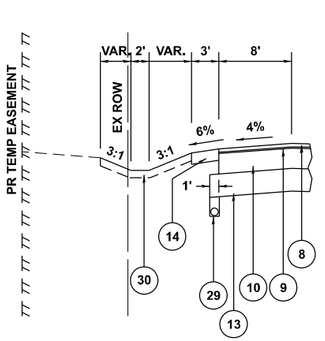
US 20 (LAKE ST.)
EXISTING TYPICAL SECTION
STA. 490+23 TO STA. 504+06



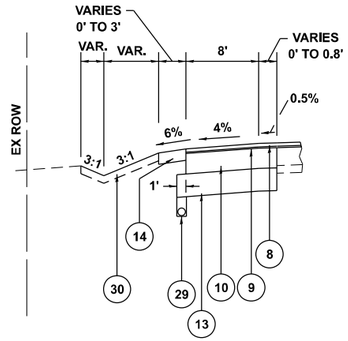
US 20 (LAKE ST.)
PROPOSED TYPICAL SECTION
STA. 490+23 TO STA. 504+06

NOTES:

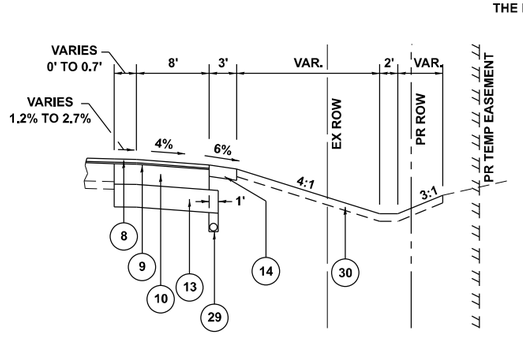
1. THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING.
2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE POLYMERIZED HMA BINDER COURSE, IL-4.75, N50.



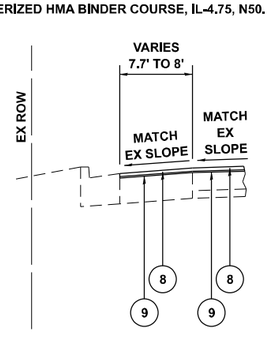
U.S. ROUTE 20 (LAKE ST.)
DETAIL A
STA. 495+00 TO STA. 498+00 (LT)



U.S. ROUTE 20 (LAKE ST.)
DETAIL B
STA. 499+56 TO STA. 500+50 (LT)



U.S. ROUTE 20 (LAKE ST.)
DETAIL C
STA. 500+83 TO STA. 504+06 (RT)



U.S. ROUTE 20 (LAKE ST.)
DETAIL D
STA. 503+01 TO STA. 504+06 (LT)

LEGEND:

EXISTING:

- (A) EX HMA SURFACE AND BINDER COURSE, ± 14"
- (B) EX PCC PAVEMENT, ± 7" TO ± 9"
- (C) EX HMA BASE COURSE, ± 11" TO ± 14"
- (D) EX SUBBASE GRANULAR MATERIAL, ± 4"
- (E) EX HMA SHOULDER, ± 6" TO ± 8"
- (F) EX AGGREGATE SHOULDER, ± 6"
- (G) EX GROUND
- (H) EX COMB CONC CURB AND GUTTER
- (I) EX PCC SIDEWALK, ± 5"
- (J) EX HMA SURFACE AND BINDER COURSE, ± 5" TO ± 8"

PROPOSED:

- (1) PR HMA SURFACE REMOVAL, 2½"
- (2) PR HMA SURFACE REMOVAL, 2¼"
- (3) PR PAVED SHOULDER REMOVAL
- (4) PR EARTH EXCAVATION
- (5) PR PAVEMENT REMOVAL
- (6) PR SIDEWALK REMOVAL
- (7) PR COMBINATION CURB AND GUTTER REMOVAL
- (8) PR POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1¾"
- (9) PR POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, ¾"
- (10) PR HMA BASE COURSE, 10¾"
- (11) PR HMA BASE COURSE WIDENING, 10¾"
- (12) PR PCC BASE COURSE WIDENING, 10¾"
- (13) PR AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (14) PR AGGREGATE SHOULDERS, TYPE B, 6"
- (15) PR PCC PAVEMENT, 9"
- (16) PR HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1½"
- (17) PR HMA BASE COURSE, 6¾"
- (18) PR PCC BASE COURSE WIDENING, 6¾"
- (19) PR HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 2"
- (20) PR HMA BASE COURSE, 5"
- (21) PR HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
- (22) PR HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 4"
- (23) PR AGGREGATE BASE COURSE, TYPE B, 4"
- (24) PR AGGREGATE BASE COURSE, TYPE B, 6"
- (25) PR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (26) PR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (27) PR PCC SIDEWALK, 5"
- (28) PR PCC SIDEWALK, 8"
- (29) PR PIPE UNDERDRAINS, TYPE 2, 4"
- (30) PR LANDSCAPING (SEE LANDSCAPING PLAN)

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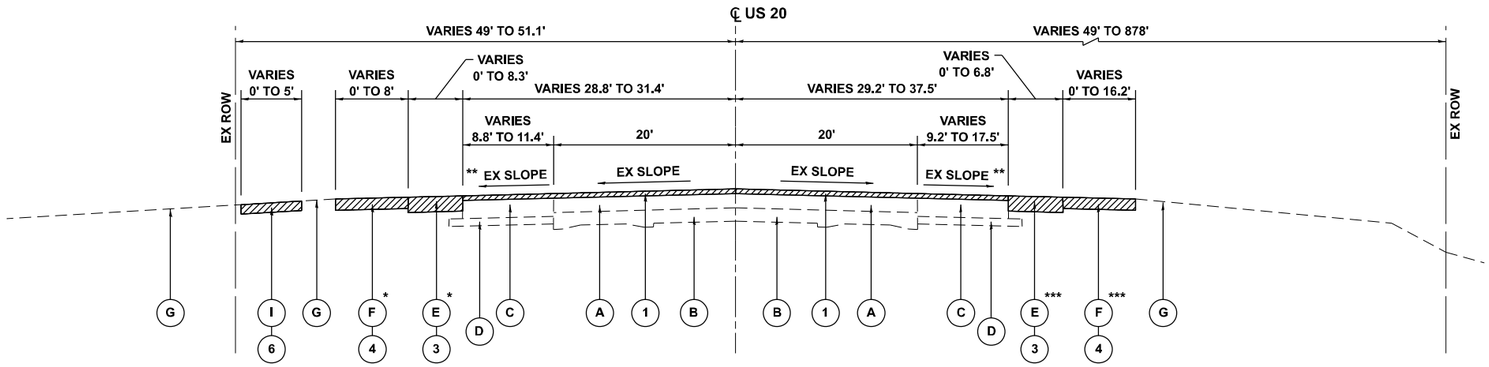
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED TYPICAL SECTIONS
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: NONE | SHEET 1 OF 5 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	11
		CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			



* FROM STA. 504+06 TO STA. 504+52 (LT) ,
EX COMB CONC CURB AND GUTTER
PRESENT INSTEAD OF EX AGGREGATE SHOULDER,
AND EX HMA SHOULDER SHALL REMAIN IN PLACE.

FROM STA. 505+77 TO STA. 507+52 (LT),
EX COMB CONC CURB AND GUTTER
PRESENT INSTEAD OF EX AGGREGATE SHOULDER.

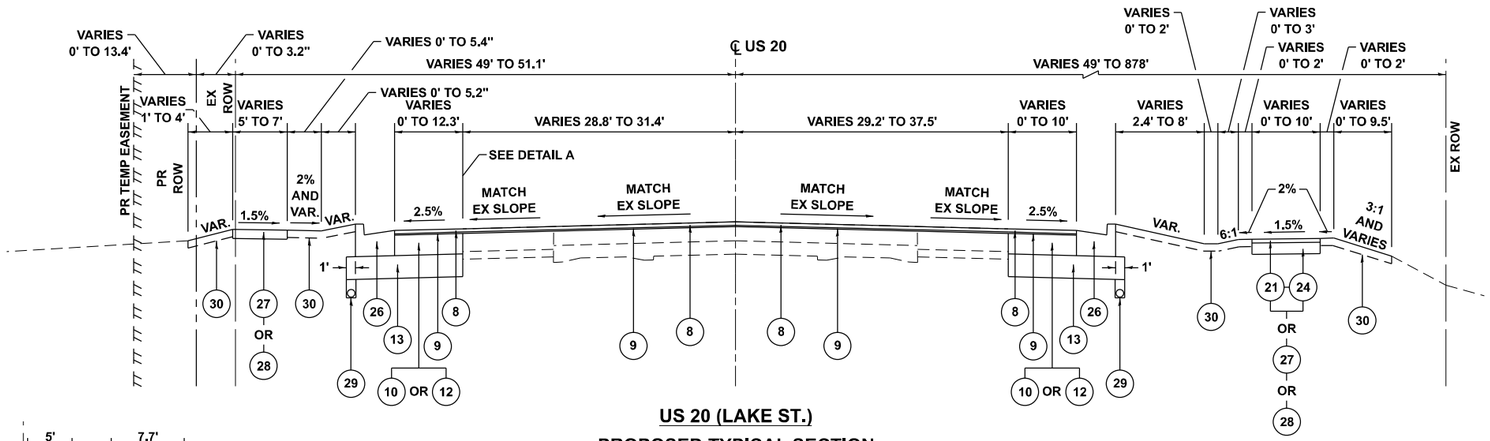
FROM STA. 514+96 TO STA. 516+29 (LT),
EX COMB CONC CURB AND GUTTER PRESENT
INSTEAD OF EX HMA AND AGGREGATE SHOULDERS.

US 20 (LAKE ST.)
EXISTING TYPICAL SECTION
STA. 504+06 TO STA. 516+29

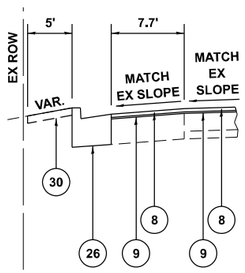
** PAVEMENT REMOVAL (WIDTH <= 6.1') AT LOCATIONS
BELOW. SEE ROADWAY PLANS FOR LOCATIONS OF REMOVAL.
STA. 508+46 TO STA. 510+77 (RT)
STA. 514+03 TO STA 516+29 (LT)
STA. 515+35 TO STA. 516+29 (RT)

*** FROM STA. 512+50 TO STA. 514+39 (RT),
EX COMB CONC CURB AND GUTTER
PRESENT INSTEAD OF EX AGGREGATE SHOULDER.

FROM STA. 515+56 TO STA. 516+29 (RT),
EX COMB CONC CURB AND GUTTER PRESENT
INSTEAD OF EX HMA AND AGGREGATE SHOULDERS.



US 20 (LAKE ST.)
PROPOSED TYPICAL SECTION
STA. 504+06 TO STA. 516+29



U.S. ROUTE 20 (LAKE ST.)
DETAIL A
STA. 504+06 TO STA. 504+52 (LT)

NOTES:

1. THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING.
2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE POLYMERIZED HMA BINDER COURSE, IL-4.75, N50.

LEGEND:

EXISTING:

- (A) EX HMA SURFACE AND BINDER COURSE, ± 14"
- (B) EX PCC PAVEMENT, ± 7" TO ± 9"
- (C) EX HMA BASE COURSE, ± 11" TO ± 14"
- (D) EX SUBBASE GRANULAR MATERIAL, ± 4"
- (E) EX HMA SHOULDER, ± 6" TO ± 8"
- (F) EX AGGREGATE SHOULDER, ± 6"
- (G) EX GROUND
- (H) EX COMB CONC CURB AND GUTTER
- (I) EX PCC SIDEWALK, ± 5"
- (J) EX HMA SURFACE AND BINDER COURSE, ± 5" TO ± 8"

PROPOSED:

- (1) PR HMA SURFACE REMOVAL, 2½"
- (2) PR HMA SURFACE REMOVAL, 2¼"
- (3) PR PAVED SHOULDER REMOVAL
- (4) PR EARTH EXCAVATION
- (5) PR PAVEMENT REMOVAL
- (6) PR SIDEWALK REMOVAL
- (7) PR COMBINATION CURB AND GUTTER REMOVAL
- (8) PR POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1¾"
- (9) PR POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, ¾"
- (10) PR HMA BASE COURSE, 10¾"
- (11) PR HMA BASE COURSE WIDENING, 10¾"
- (12) PR PCC BASE COURSE WIDENING, 10¾"
- (13) PR AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (14) PR AGGREGATE SHOULDERS, TYPE B, 6"
- (15) PR PCC PAVEMENT, 9"
- (16) PR HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1½"
- (17) PR HMA BASE COURSE, 6¾"
- (18) PR PCC BASE COURSE WIDENING, 6¾"
- (19) PR HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 2"
- (20) PR HMA BASE COURSE, 5"
- (21) PR HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
- (22) PR HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 4"
- (23) PR AGGREGATE BASE COURSE, TYPE B, 4"
- (24) PR AGGREGATE BASE COURSE, TYPE B, 6"
- (25) PR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (26) PR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (27) PR PCC SIDEWALK, 5"
- (28) PR PCC SIDEWALK, 8"
- (29) PR PIPE UNDERDRAINS, TYPE 2, 4"
- (30) PR LANDSCAPING (SEE LANDSCAPING PLAN)

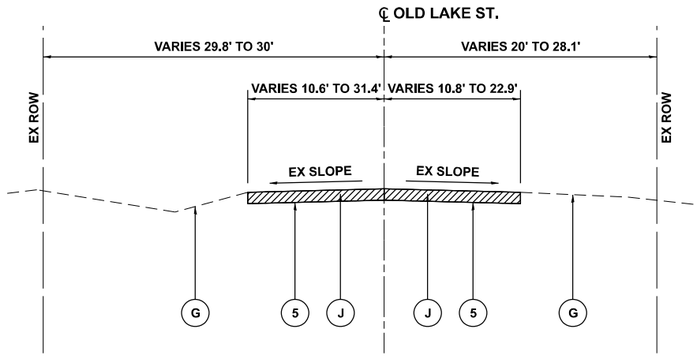
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	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 2/3/2026	DATE -	REVISED -	

EXISTING AND PROPOSED TYPICAL SECTIONS
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: NONE | SHEET 2 OF 5 SHEETS | STA. | TO STA.

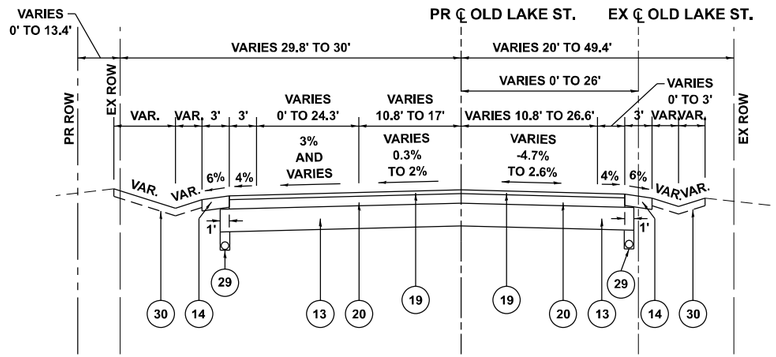
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	12
		CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			



OLD LAKE ST.

EXISTING TYPICAL SECTION

STA. 50+00 TO STA. 51+02



OLD LAKE ST.

PROPOSED TYPICAL SECTION

STA. 50+30 TO STA. 51+08

NOTES:

1. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE HMA BASE COURSE.

LEGEND:

EXISTING:

- (A) EX HMA SURFACE AND BINDER COURSE, ± 14"
- (B) EX PCC PAVEMENT, ± 7" TO ± 9"
- (C) EX HMA BASE COURSE, ± 11" TO ± 14"
- (D) EX SUBBASE GRANULAR MATERIAL, ± 4"
- (E) EX HMA SHOULDER, ± 6" TO ± 8"
- (F) EX AGGREGATE SHOULDER, ± 6"
- (G) EX GROUND
- (H) EX COMB CONC CURB AND GUTTER
- (I) EX PCC SIDEWALK, ± 5"
- (J) EX HMA SURFACE AND BINDER COURSE, ± 5" TO ± 8"

PROPOSED:

- (1) PR HMA SURFACE REMOVAL, 2½"
- (2) PR HMA SURFACE REMOVAL, 2¼"
- (3) PR PAVED SHOULDER REMOVAL
- (4) PR EARTH EXCAVATION
- (5) PR PAVEMENT REMOVAL
- (6) PR SIDEWALK REMOVAL
- (7) PR COMBINATION CURB AND GUTTER REMOVAL
- (8) PR POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1¾"
- (9) PR POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, ¾"
- (10) PR HMA BASE COURSE, 10¾"
- (11) PR HMA BASE COURSE WIDENING, 10¾"
- (12) PR PCC BASE COURSE WIDENING, 10¾"
- (13) PR AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (14) PR AGGREGATE SHOULDERS, TYPE B, 6"
- (15) PR PCC PAVEMENT, 9"
- (16) PR HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1½"
- (17) PR HMA BASE COURSE, 6¾"
- (18) PR PCC BASE COURSE WIDENING, 6¾"
- (19) PR HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 2"
- (20) PR HMA BASE COURSE, 5"
- (21) PR HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
- (22) PR HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 4"
- (23) PR AGGREGATE BASE COURSE, TYPE B, 4"
- (24) PR AGGREGATE BASE COURSE, TYPE B, 6"
- (25) PR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (26) PR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (27) PR PCC SIDEWALK, 5"
- (28) PR PCC SIDEWALK, 8"
- (29) PR PIPE UNDERDRAINS, TYPE 2, 4"
- (30) PR LANDSCAPING (SEE LANDSCAPING PLAN)

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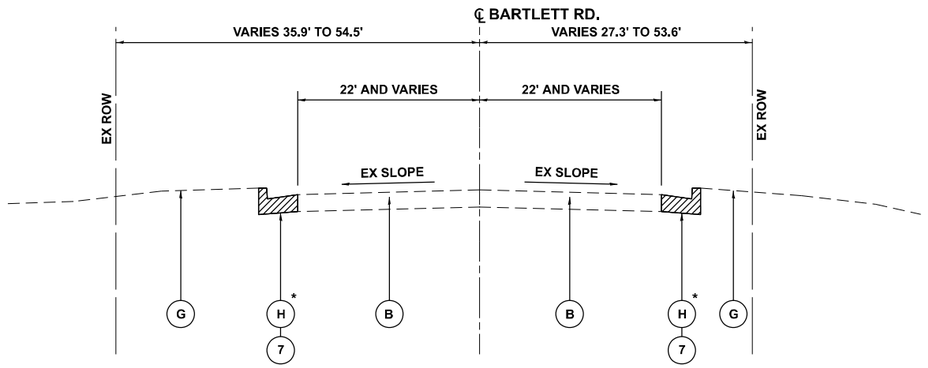
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PLOT DATE = 2/3/2026	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

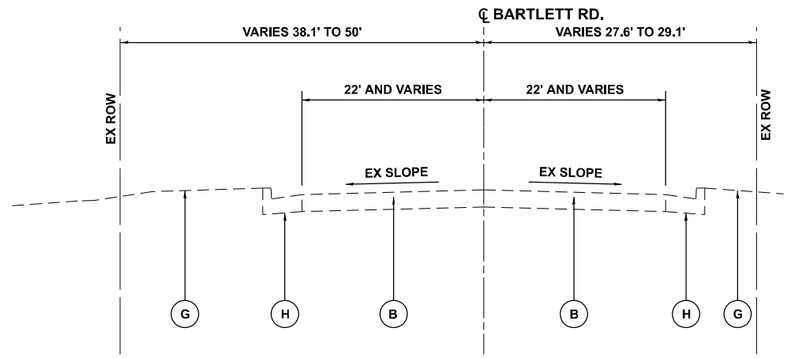
EXISTING AND PROPOSED TYPICAL SECTIONS
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: | SHEET 3 OF 5 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	13
		CONTRACT NO. 62P51		
		ILLINOIS	FED. AID PROJECT	

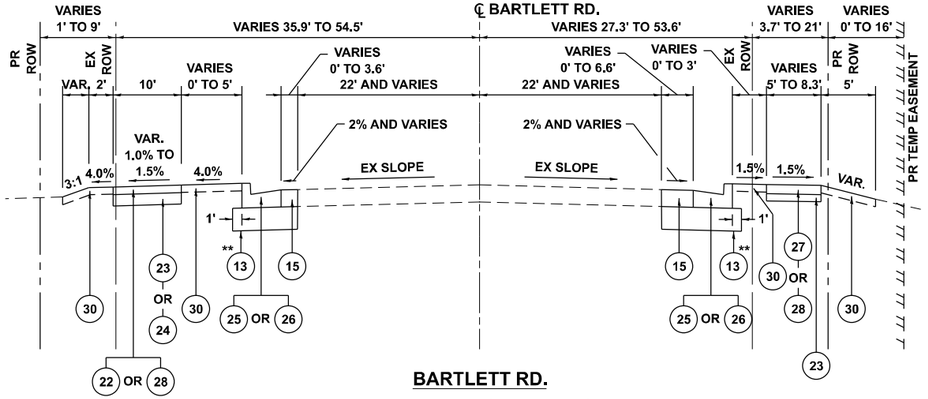


BARTLETT RD.
EXISTING TYPICAL SECTION
STA. 200+39 TO STA. 204+00

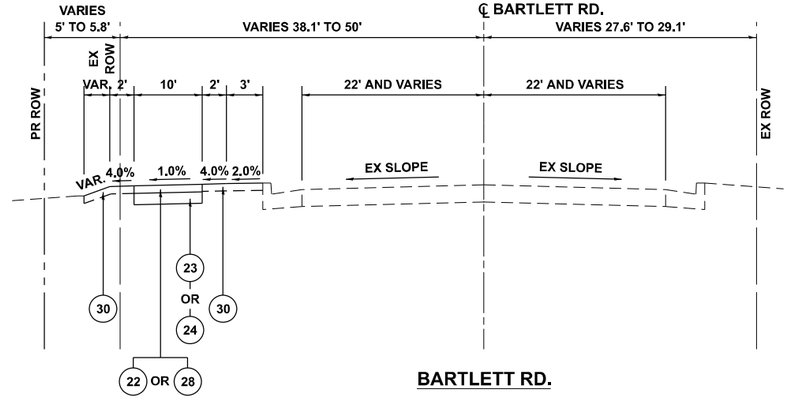


BARTLETT RD.
EXISTING TYPICAL SECTION
STA. 204+00 TO STA. 206+85

* COMBINATION CURB AND GUTTER REMOVAL AT LOCATIONS BELOW. SEE ROADWAY PLANS FOR LOCATIONS OF REMOVAL.
STA. 200+39 TO STA. 201+31 (RT)
STA. 201+43 TO STA. 202+11 (RT)
STA. 202+91 TO STA. 203+94 (RT)
STA. 200+39 TO STA. 201+88 (LT)
STA. 202+47 TO STA. 203+01 (LT)



BARTLETT RD.
PROPOSED TYPICAL SECTION
STA. 200+39 TO STA. 204+00



BARTLETT RD.
PROPOSED TYPICAL SECTION
STA. 204+00 TO STA. 206+85

** PR AGGREGATE SUBGRADE IMPROVEMENT, 12" SHALL ONLY BE INSTALLED AT LOCATIONS OF PROPOSED WIDENING. SEE ROADWAY PLANS FOR LOCATIONS.

LEGEND:

EXISTING:

- (A) EX HMA SURFACE AND BINDER COURSE, ± 14"
- (B) EX PCC PAVEMENT, ± 7" TO ± 9"
- (C) EX HMA BASE COURSE, ± 11" TO ± 14"
- (D) EX SUBBASE GRANULAR MATERIAL, ± 4"
- (E) EX HMA SHOULDER, ± 6" TO ± 8"
- (F) EX AGGREGATE SHOULDER, ± 6"
- (G) EX GROUND
- (H) EX COMB CONC CURB AND GUTTER
- (I) EX PCC SIDEWALK, ± 5"
- (J) EX HMA SURFACE AND BINDER COURSE, ± 5" TO ± 8"

PROPOSED:

- (1) PR HMA SURFACE REMOVAL, 2½"
- (2) PR HMA SURFACE REMOVAL, 2¼"
- (3) PR PAVED SHOULDER REMOVAL
- (4) PR EARTH EXCAVATION
- (5) PR PAVEMENT REMOVAL
- (6) PR SIDEWALK REMOVAL
- (7) PR COMBINATION CURB AND GUTTER REMOVAL
- (8) PR POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1¾"
- (9) PR POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, ¾"
- (10) PR HMA BASE COURSE, 10¾"
- (11) PR HMA BASE COURSE WIDENING, 10¾"
- (12) PR PCC BASE COURSE WIDENING, 10¾"
- (13) PR AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (14) PR AGGREGATE SHOULDERS, TYPE B, 6"
- (15) PR PCC PAVEMENT, 9"
- (16) PR HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1½"
- (17) PR HMA BASE COURSE, 6¾"
- (18) PR PCC BASE COURSE WIDENING, 6¾"
- (19) PR HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 2"
- (20) PR HMA BASE COURSE, 5"
- (21) PR HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
- (22) PR HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 4"
- (23) PR AGGREGATE BASE COURSE, TYPE B, 4"
- (24) PR AGGREGATE BASE COURSE, TYPE B, 6"
- (25) PR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (26) PR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (27) PR PCC SIDEWALK, 5"
- (28) PR PCC SIDEWALK, 8"
- (29) PR PIPE UNDERDRAINS, TYPE 2, 4"
- (30) PR LANDSCAPING (SEE LANDSCAPING PLAN)

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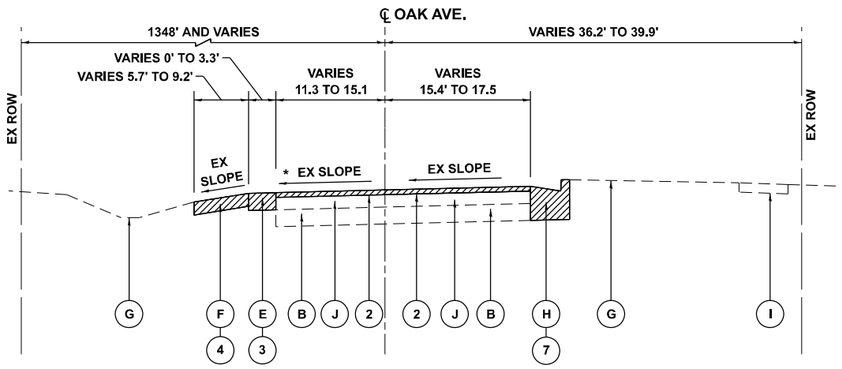
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PLOT DATE = 2/3/2026	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED TYPICAL SECTIONS
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

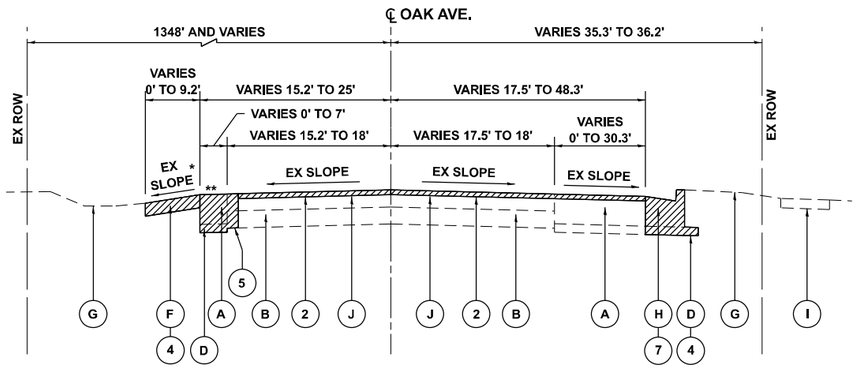
SCALE: | SHEET 4 OF 5 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	14
		CONTRACT NO. 62P51		
		ILLINOIS FED. AID PROJECT		



OAK AVE.
EXISTING TYPICAL SECTION
STA. 296+41 TO STA. 298+39

* PAVEMENT REMOVAL (WIDTH <= 3.2') FROM STA. 298+00 TO STA. 298+39 (LT). SEE ROADWAY PLANS FOR LOCATIONS OF REMOVAL.

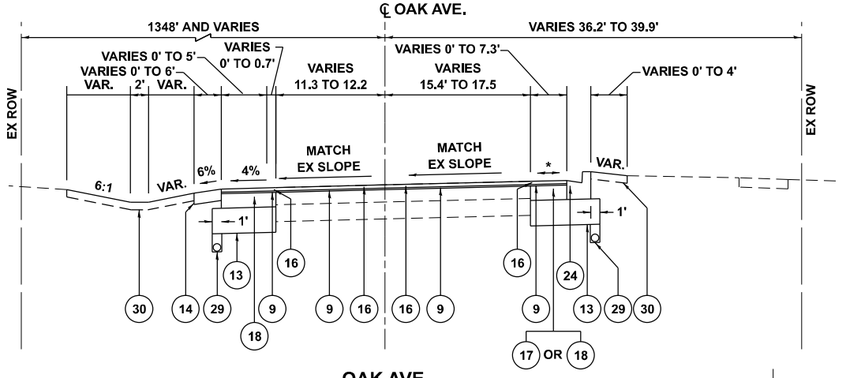


OAK AVE.
EXISTING TYPICAL SECTION
STA. 298+39 TO STA. 299+40

* FROM STA. 298+97 TO STA. 299+40 (LT), EX COMB CONC CURB AND GUTTER PRESENT INSTEAD OF EX AGGREGATE SHOULDER.

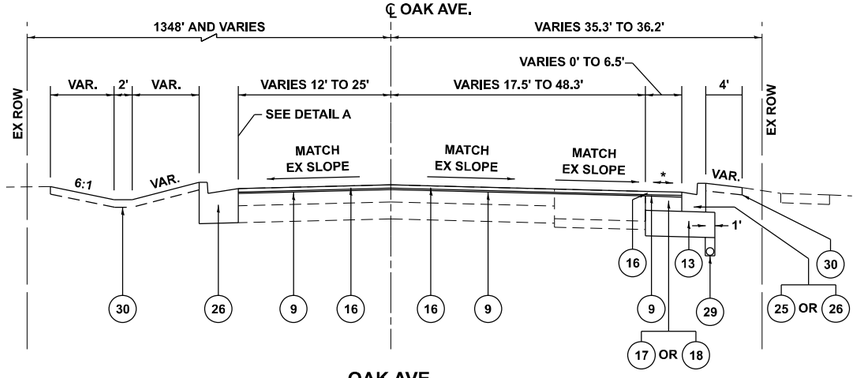
COMBINATION CURB AND GUTTER REMOVAL AT LOCATIONS BELOW. SEE ROADWAY PLANS FOR LOCATIONS OF REMOVAL. STA. 298+97 TO STA. 299+40 (LT)

** PAVEMENT REMOVAL (WIDTH <= 4.1') FROM STA. 298+39 TO STA. 299+09 (LT). SEE ROADWAY PLANS FOR LOCATIONS OF REMOVAL.



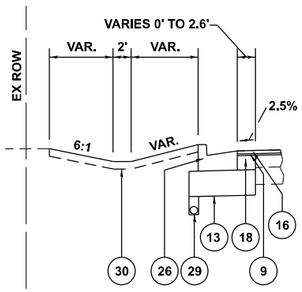
OAK AVE.
PROPOSED TYPICAL SECTION
STA. 296+41 TO STA. 298+39

* SLOPE TO MATCH MAINLINE SLOPE, VARIES -0.7% TO 2.2%.



OAK AVE.
PROPOSED TYPICAL SECTION
STA. 298+39 TO STA. 299+40

* SLOPE TO MATCH MAINLINE SLOPE, VARIES -2% TO 3.3%.



OAK AVE.
DETAIL A
STA. 299+09 TO STA. 299+40 (LT)

NOTES:

1. THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING.
2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE POLYMERIZED HMA BINDER COURSE, IL-4.75, N50.

LEGEND:

EXISTING:

- (A) EX HMA SURFACE AND BINDER COURSE, ± 14"
- (B) EX PCC PAVEMENT, ± 7" TO ± 9"
- (C) EX HMA BASE COURSE, ± 11" TO ± 14"
- (D) EX SUBBASE GRANULAR MATERIAL, ± 4"
- (E) EX HMA SHOULDER, ± 6" TO ± 8"
- (F) EX AGGREGATE SHOULDER, ± 6"
- (G) EX GROUND
- (H) EX COMB CONC CURB AND GUTTER
- (I) EX PCC SIDEWALK, ± 5"
- (J) EX HMA SURFACE AND BINDER COURSE, ± 5" TO ± 8"

PROPOSED:

- (1) PR HMA SURFACE REMOVAL, 2½"
- (2) PR HMA SURFACE REMOVAL, 2¼"
- (3) PR PAVED SHOULDER REMOVAL
- (4) PR EARTH EXCAVATION
- (5) PR PAVEMENT REMOVAL
- (6) PR SIDEWALK REMOVAL
- (7) PR COMBINATION CURB AND GUTTER REMOVAL
- (8) PR POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1¾"
- (9) PR POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, ¾"
- (10) PR HMA BASE COURSE, 10¾"
- (11) PR HMA BASE COURSE WIDENING, 10¾"
- (12) PR PCC BASE COURSE WIDENING, 10¾"
- (13) PR AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (14) PR AGGREGATE SHOULDERS, TYPE B, 6"
- (15) PR PCC PAVEMENT, 9"
- (16) PR HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1½"
- (17) PR HMA BASE COURSE, 6¾"
- (18) PR PCC BASE COURSE WIDENING, 6¾"
- (19) PR HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 2"
- (20) PR HMA BASE COURSE, 5"
- (21) PR HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
- (22) PR HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 4"
- (23) PR AGGREGATE BASE COURSE, TYPE B, 4"
- (24) PR AGGREGATE BASE COURSE, TYPE B, 6"
- (25) PR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (26) PR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (27) PR PCC SIDEWALK, 5"
- (28) PR PCC SIDEWALK, 8"
- (29) PR PIPE UNDERDRAINS, TYPE 2, 4"
- (30) PR LANDSCAPING (SEE LANDSCAPING PLAN)

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED TYPICAL SECTIONS
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: | SHEET 5 OF 5 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	15
		CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			

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	2677	827	1850	1305	1305	742	563
STAGE 2	2491	2117	361	1756	834	834	351	483
TOTAL =	5640	4794	1188	3606	2139	2139	1093	1046

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 (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

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

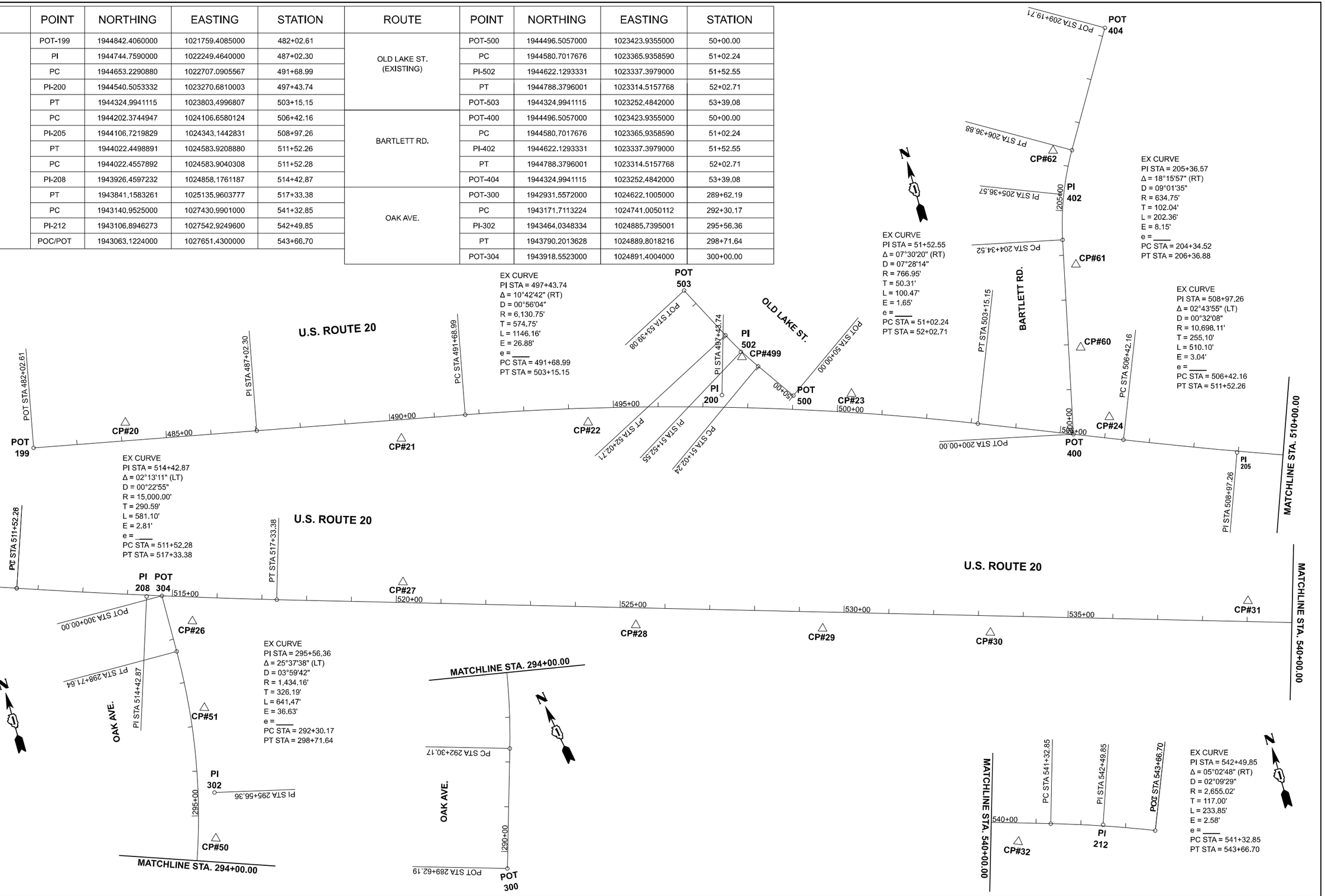
SCHEDULE OF QUANTITIES
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	16
		CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			

ROUTE	POINT	NORTHING	EASTING	STATION
U.S. ROUTE 20	POT-199	1944842.4060000	1021759.4085000	482+02.61
	PI	1944744.7590000	1022249.4640000	487+02.30
	PC	1944653.2290880	1022707.0905567	491+68.99
	PI-200	1944540.5053332	1023270.6810003	497+43.74
	PT	1944324.9941115	1023803.4996807	503+15.15
	PC	1944202.3744947	1024106.6580124	506+42.16
	PI-205	1944106.7219829	1024343.1442831	508+97.26
	PT	1944022.4498891	1024583.9208880	511+52.26
	PC	1944022.4557892	1024583.9040308	511+52.28
	PI-208	1943926.4597232	1024858.1761187	514+42.87
	PT	1943841.1583261	1025135.9603777	517+33.38
	PC	1943140.9525000	1027430.9901000	541+32.85
	PI-212	1943106.8946273	1027542.9249600	542+49.85
	POC/POT	1943063.1224000	1027651.4300000	543+66.70

ROUTE	POINT	NORTHING	EASTING	STATION
OLD LAKE ST. (EXISTING)	POT-500	1944496.5057000	1023423.9355000	50+00.00
	PC	1944580.7017676	1023365.9358590	51+02.24
	PI-502	1944622.1293331	1023337.3979000	51+52.55
	PT	1944788.3796001	1023314.5157768	52+02.71
	POT-503	1944324.9941115	1023252.4842000	53+39.08
BARTLETT RD.	POT-400	1944496.5057000	1023423.9355000	50+00.00
	PC	1944580.7017676	1023365.9358590	51+02.24
	PI-402	1944622.1293331	1023337.3979000	51+52.55
	PT	1944788.3796001	1023314.5157768	52+02.71
	POT-404	1944324.9941115	1023252.4842000	53+39.08
OAK AVE.	POT-300	1942931.5572000	1024622.1005000	289+62.19
	PC	1943171.7113224	1024741.0050112	292+30.17
	PI-302	1943464.0348334	1024885.7395001	295+56.36
	PT	1943790.2013628	1024889.8018216	298+71.64
	POT-304	1943918.5523000	1024891.4004000	300+00.00



MODEL: US20 - ATB01 [Sheet]
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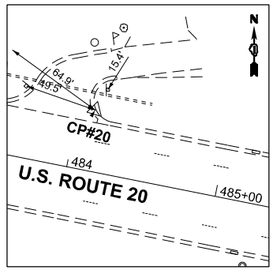
USER NAME = farhan.tariq	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 2/3/2026	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: 1"=100' | SHEET 1 OF 2 SHEETS | STA. | TO STA.

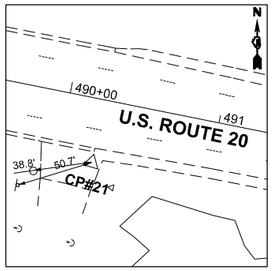
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	17
		CONTRACT NO. 62P51		
	ILLINOIS	FED. AID PROJECT		



CONTROL POINT #20

"X" IN TOP OF CURB

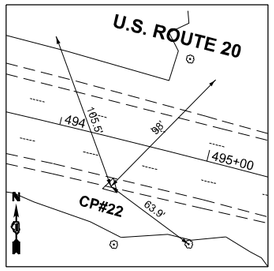
STA. 484+11.20
N= 1944841.3039664
E= 1021971.8801000
ELEV.= 828.77



CONTROL POINT #21

MAG NAIL IN FIELD ENT

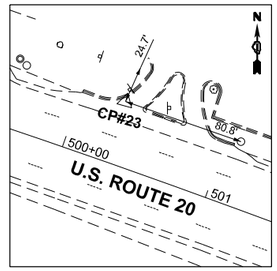
STA. 490+22.79
N= 1944640.4932344
E= 1022555.4458000
ELEV.= 809.22



CONTROL POINT #22

MAG NAIL IN SHOULDER

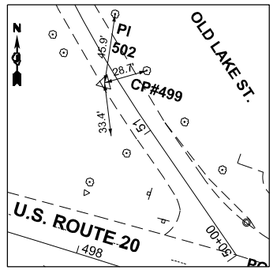
STA. 494+42.59
N= 1944562.7981344
E= 1022966.4898000
ELEV.= 807.86



CONTROL POINT #23

MAG NAIL IN ENT

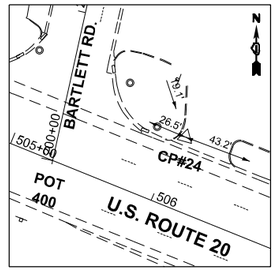
STA. 500+29.19
N= 1944465.4148344
E= 1023549.8424000
ELEV.=825.98



CONTROL POINT #499

MAG NAIL IN PAVEMENT (OLD LAKE)

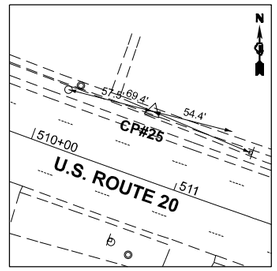
STA. 51+42.59
N= 1944610.1343344
E= 1023336.7901000
ELEV.= 826.09



CONTROL POINT #24

MAG NAIL IN ENT

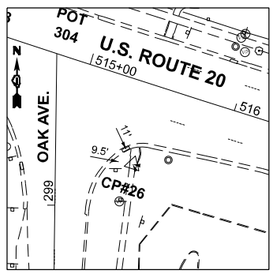
STA. 506+05.31
N= 1944259.8365344
E= 1024090.1462000
ELEV.= 823.98



CONTROL POINT #25

"X" IN S/W

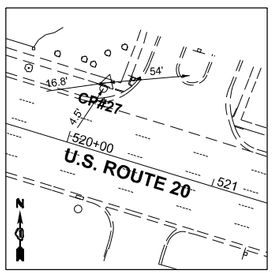
STA. 510+69.31
N= 1944091.8162344
E= 1024520.6718000
ELEV.= 819.03



CONTROL POINT #26

"X" IN S/W

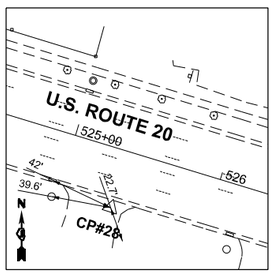
STA. 515+47.01
N= 1943845.5079344
E= 1024941.6397000
ELEV.=814.16



CONTROL POINT #27

"X" IN S/W

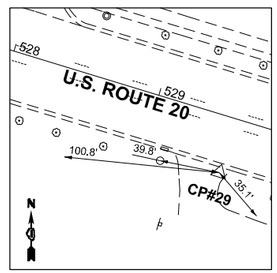
STA. 520+14.08
N= 1943802.4839344
E= 1025417.6303000
ELEV.=809.95



CONTROL POINT #28

MAG NAIL IN ENT

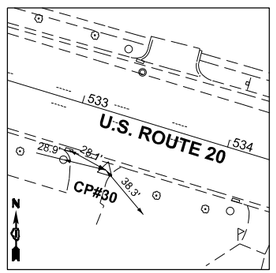
STA. 525+36.17
N= 1943569.7012344
E= 1025892.4622000
ELEV.= 807.40



CONTROL POINT #29

MAG NAIL IN ENT

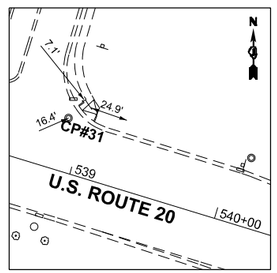
STA. 529+53.01
N= 1943449.7491344
E= 1026291.6712000
ELEV.= 803.52



CONTROL POINT #30

MAG NAIL IN ENT

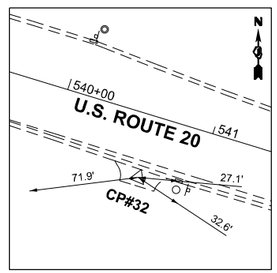
STA. 533+27.69
N= 1943339.6608344
E= 1026649.8178000
ELEV.= 801.33



CONTROL POINT #31

"X" IN S/W

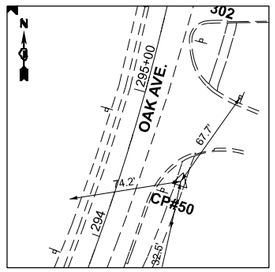
STA. 539+00.95
N= 1943252.4037344
E= 1027222.5414000
ELEV.= 798.13



CONTROL POINT #32

MAG NAIL IN FIELD ENT

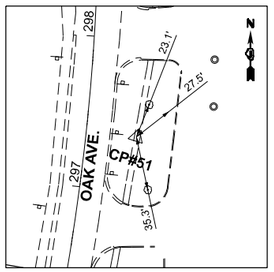
STA. 540+61.23
N= 1943121.6763344
E= 1027350.2272000
ELEV.= 796.24



CONTROL POINT #50

"X" IN S/W

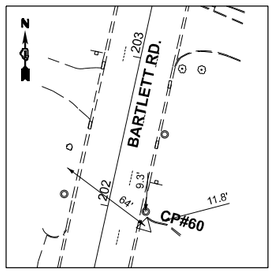
STA. 294+50.91
N= 1943364.4211344
E= 1024860.9038000
ELEV.= 813.97



CONTROL POINT #51

MAG NAIL IN S/W

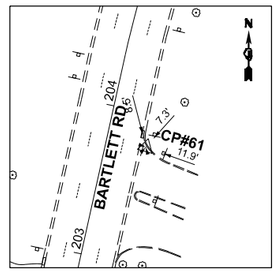
STA. 297+36.77
N= 1943652.0820344
E= 1024914.8931000
ELEV.= 813.54



CONTROL POINT #60

MAG NAIL IN ENT

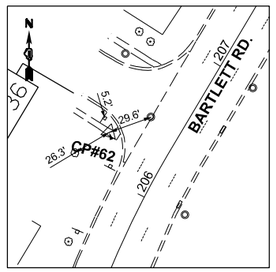
STA. 201+92.54
N= 1944426.7088344
E= 1024070.2296000
ELEV.= 825.90



CONTROL POINT #61

MAG NAIL IN ENT

STA. 203+78.03
N= 1944607.8581344
E= 1024110.1474000
ELEV.= 825.81



CONTROL POINT #62

"X" IN S/W

STA. 206+25.67
N= 1944866.5966344
E= 1024129.7333000
ELEV.= 826.57

BENCHMARK

ELEV. = 827.59

☐ - CUT IN SW CORNER CONC BASE OF TCB IN NW CORNER US 20 AND BARTLETT RD

BENCHMARK

ELEV. = 832.186

☐ - CUT IN S. CONC BASE OF L.P. IN N.W. CORNER US 20 & OLD LAKE ST (WEST)

BENCHMARK

ELEV. = 827.634

☐ - CUT IN SW CORNER CONC BASE OF TCB IN NW CORNER US 20 AND BARTLETT RD

BENCHMARK

ELEV. = 815.289

N.E. CORNER CONC BASE OF T.S. W/OUT CROSSWALK SIGNAL IN N.E. CORNER US 20 & OAK AVE

BENCHMARK

ELEV. 798.658

"X" - CUT IN N.E.CORNER CONC BASE OF T.S. IN S.W. CORNER US 20 & PARK AVE

MODEL: US20 - ATB02 [Sheet]
FILE NAME: c:\pw_work\pwidot\tariq\d0860995\P157408-sht-ATB.dgn

USER NAME = farhan.tariq	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 2/3/2026	DATE -	REVISED -	

ALIGNMENT, TIES AND BENCHMARKS
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

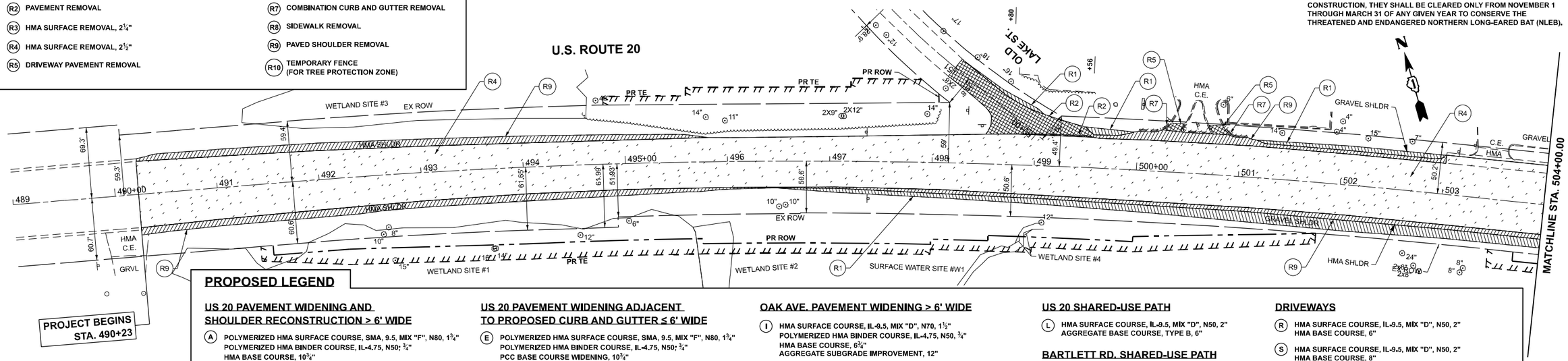
SCALE: NONE | SHEET 2 OF 2 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	18
		CONTRACT NO. 62P51		
	ILLINOIS	FED. AID PROJECT		

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)

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).



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"

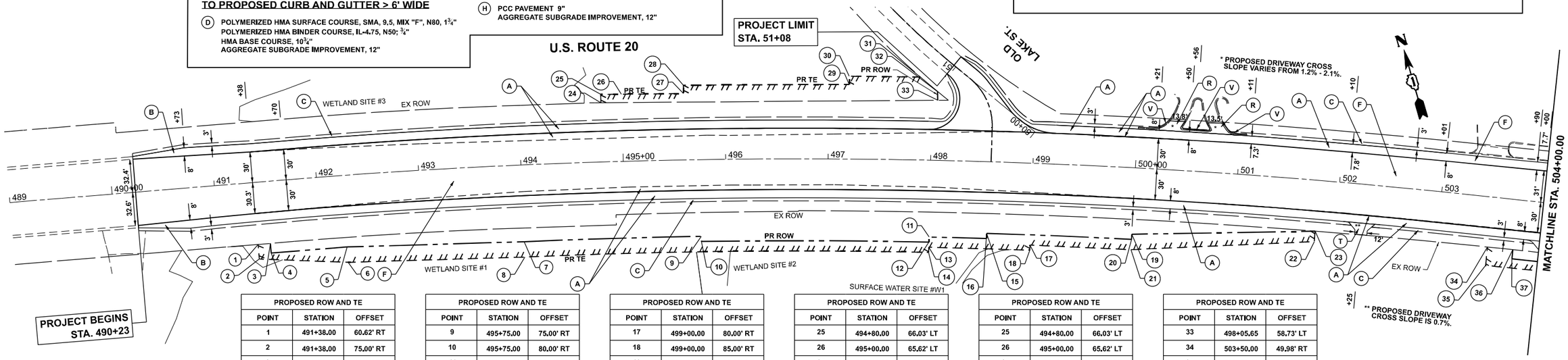
DRIVEWAYS

(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)

EXISTING



PROPOSED ROW AND TE		
POINT	STATION	OFFSET
1	491+38.00	60.62' RT
2	491+38.00	75.00' RT
3	491+50.00	60.61' RT
4	491+50.00	70.00' RT
5	492+25.00	70.00' RT
6	492+25.00	85.00' RT
7	494+00.00	75.00' RT
8	494+00.00	90.00' RT

PROPOSED ROW AND TE		
POINT	STATION	OFFSET
9	495+75.00	75.00' RT
10	495+75.00	80.00' RT
11	498+00.00	75.00' RT
12	498+00.00	80.00' RT
13	498+00.00	85.00' RT
14	498+00.00	90.00' RT
15	498+56.68	70.00' RT
16	498+56.68	75.00' RT

PROPOSED ROW AND TE		
POINT	STATION	OFFSET
17	499+00.00	80.00' RT
18	499+00.00	85.00' RT
19	500+00.00	65.00' RT
20	500+00.00	70.00' RT
21	500+00.00	80.00' RT
22	501+80.00	60.00' RT
23	501+80.00	49.76' RT
24	494+80.00	57.87' LT

PROPOSED ROW AND TE		
POINT	STATION	OFFSET
25	494+80.00	66.03' LT
26	495+00.00	65.62' LT
27	495+60.00	64.79' LT
28	495+60.00	73.00' LT
29	497+20.00	73.00' LT
30	497+20.00	81.00' LT
31	497+88.54	81.00' LT
32	498+05.41	67.19' LT

PROPOSED ROW AND TE		
POINT	STATION	OFFSET
25	494+80.00	66.03' LT
26	495+00.00	65.62' LT
27	495+60.00	64.79' LT
28	495+60.00	73.00' LT
29	497+20.00	73.00' LT
30	497+20.00	81.00' LT
31	497+88.54	81.00' LT
32	498+05.41	67.19' LT

PROPOSED ROW AND TE		
POINT	STATION	OFFSET
33	498+05.65	58.73' LT
34	503+50.00	49.98' RT
35	503+50.00	67.00' RT
36	503+75.00	49.00' RT
37	503+75.00	58.00' RT

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

MODEL: US20_E - Plan 1
FILE NAME: c:\pw_work\pwdottanfmd0860995\P157409-sht-plan.dgn

USER NAME = farhan.tariq	DESIGNED -	REVISED - FT, 2/24/2026	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 2/24/2026	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

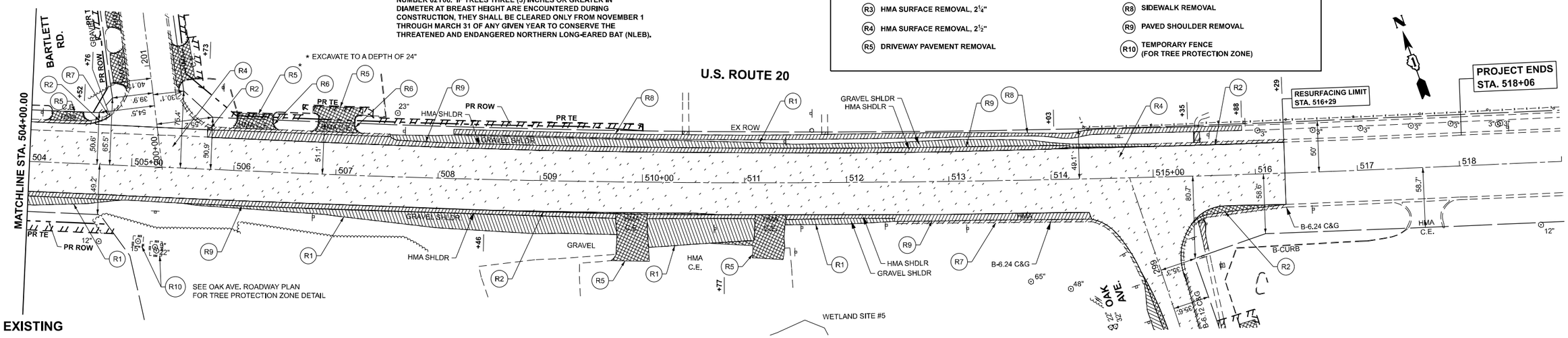
SCALE: 1"=50' | SHEET 1 OF 7 SHEETS | STA. 489+00.00 | TO STA. 504+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	19
		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)



EXISTING

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

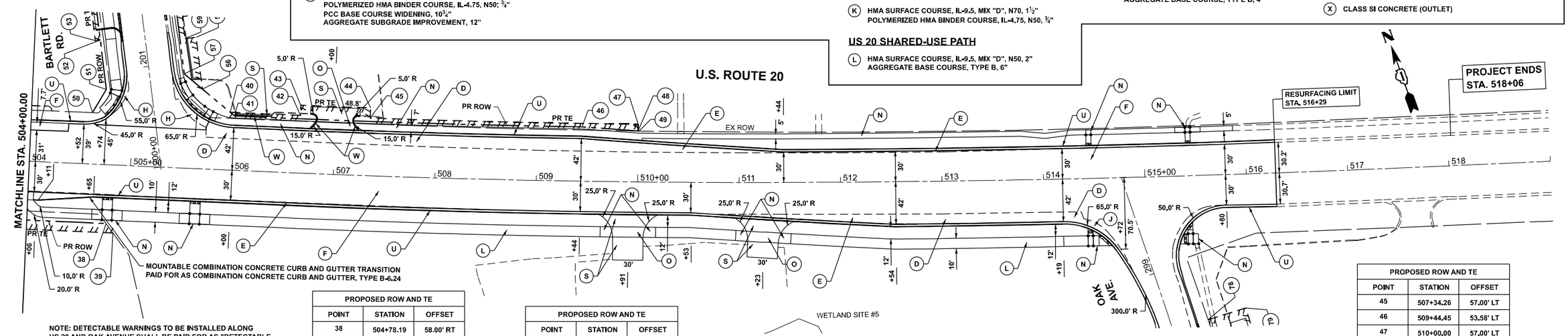
(P) PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH
AGGREGATE BASE COURSE, TYPE B, 4"
(Q) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
AGGREGATE BASE COURSE, TYPE B, 4"

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
38	504+78.19	58.00' RT
39	504+85.39	67.00' RT
40	505+95.71	57.00' LT
41	506+00.19	53.58' LT

PROPOSED ROW AND TE		
POINT	STATION	OFFSET
42	506+65.07	57.00' LT
43	506+65.09	67.00' LT
44	507+34.26	67.00' LT

PROPOSED ROW AND TE		
POINT	STATION	OFFSET
45	507+34.26	57.00' LT
46	509+44.45	53.58' LT
47	510+00.00	57.00' LT
48	510+00.00	50.26' LT
49	510+00.85	50.21' LT
50	504+60.10	50.62' LT

PROPOSED

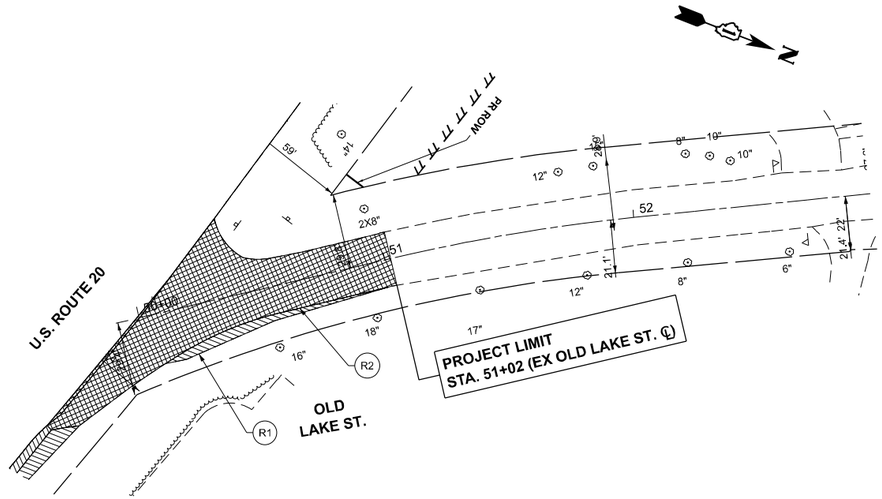
USER NAME = farhan.tariq	DESIGNED -	REVISED - FT, 3/3/2026	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED ROADWAY PLAN US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.	
	DRAWN -	REVISED -			
	CHECKED -	REVISED -			
PLOT DATE = 3/3/2026	DATE -	REVISED -		SCALE: 1"=50' SHEET 2 OF 7 SHEETS 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			

MODEL: US20_E - Plan 2
FILE NAME: c:\pw_work\pwidot\tariq\d0860995\P157408-sht-plan.dgn

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



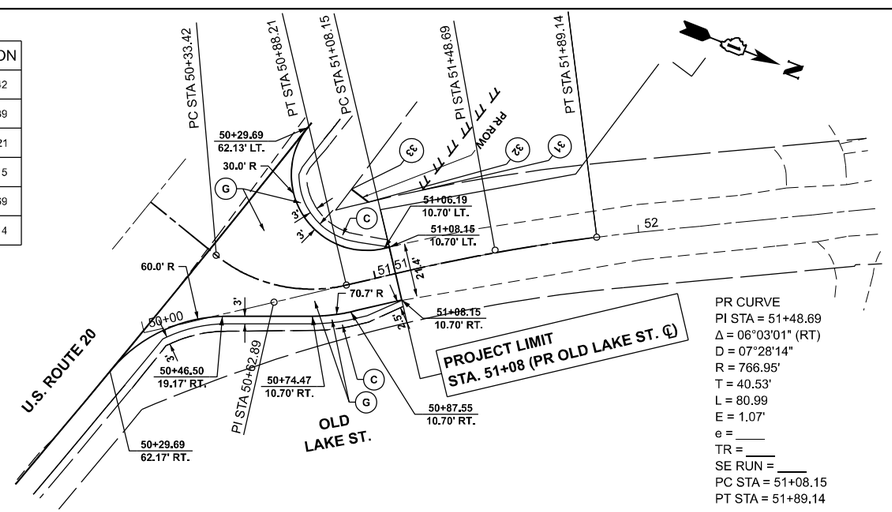
EXISTING LEGEND

- (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

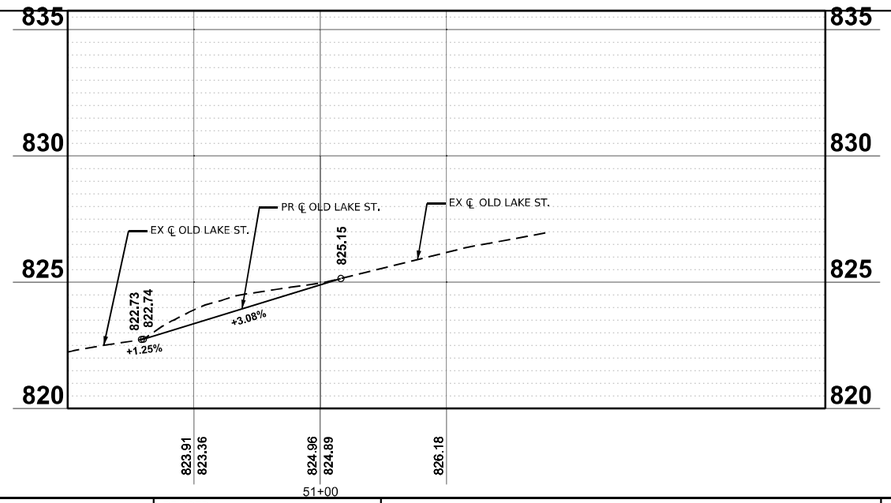
ROUTE	POINT	NORTHING	EASTING	STATION
OLD LAKE ST. (PROPOSED)	PC	1944511.9372000	1023384.9800000	50+33.42
	PI	1944540.0053000	1023393.9701000	50+62.89
	PT	1944564.2767000	1023377.2504000	50+88.21
	PC	1944580.7017000	1023365.9358000	51+08.15
	PI	1944614.0809000	1023342.9421000	51+48.69
	PT	1944649.6978000	1023323.59470000	51+89.14

PR CURVE
PI STA = 50+62.89
Δ = 52°19'19" (LT)
D = 95°29'35"
R = 60.00'
T = 29.47'
L = 54.79'
E = 6.85'
e = ____
TR = ____
SE RUN = ____
PC STA = 50+33.42
PT STA = 50+88.21



PR CURVE
PI STA = 51+48.69
Δ = 06°03'01" (RT)
D = 07°28'14"
R = 766.95'
T = 40.53'
L = 80.99
E = 1.07'
e = ____
TR = ____
SE RUN = ____
PC STA = 51+08.15
PT STA = 51+89.14

PROFILE



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

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

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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"
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DRIVEWAYS

(R) HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
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(W) CONCRETE CURB, TYPE B
(X) CLASS SI CONCRETE (OUTLET)

MODEL: LAKE_P2 - Plan
FILE NAME: c:\dw_work\pwdot\tariq\md08609959\P157408-sht-plan.dgn

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

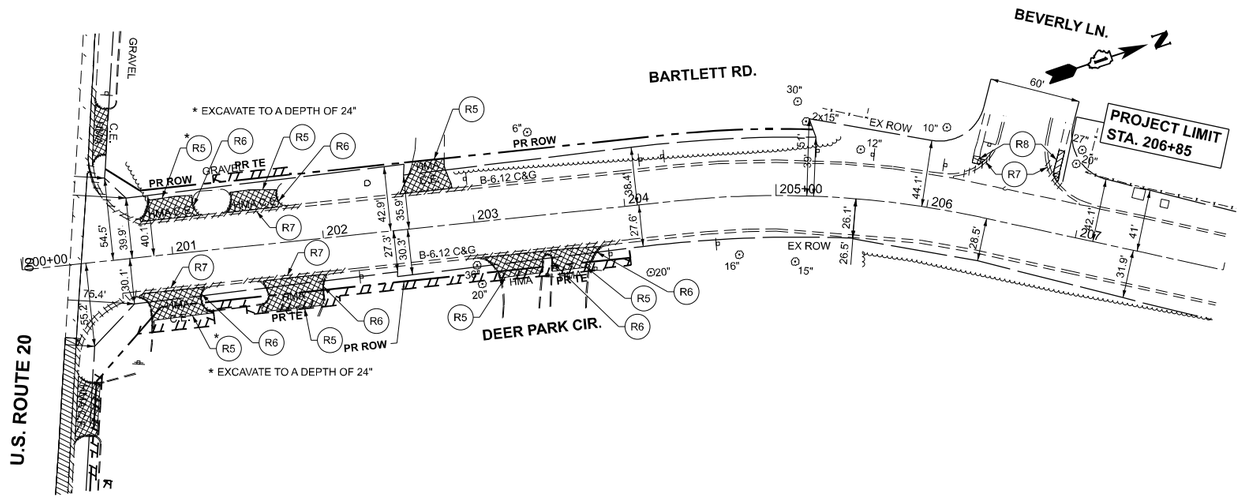
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: 1"=30' | SHEET 3 OF 7 SHEETS | STA. 50+00.00 | TO STA. 53+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	21
		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).



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- (R1) EARTH EXCAVATION (FOR AGGREGATE SHOULDER REMOVAL)
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EXISTING

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

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

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

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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"
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OLD LAKE ST. PAVEMENT AND SHOULDER RECONSTRUCTION

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AGGREGATE SUBGRADE IMPROVEMENT, 12"

BARTLETT RD. PAVEMENT WIDENING

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

OAK AVE. PAVEMENT WIDENING > 6' WIDE

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

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OAK AVE. PAVEMENT RESURFACING

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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

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(O) PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH

BARTLETT RD. SIDEWALK

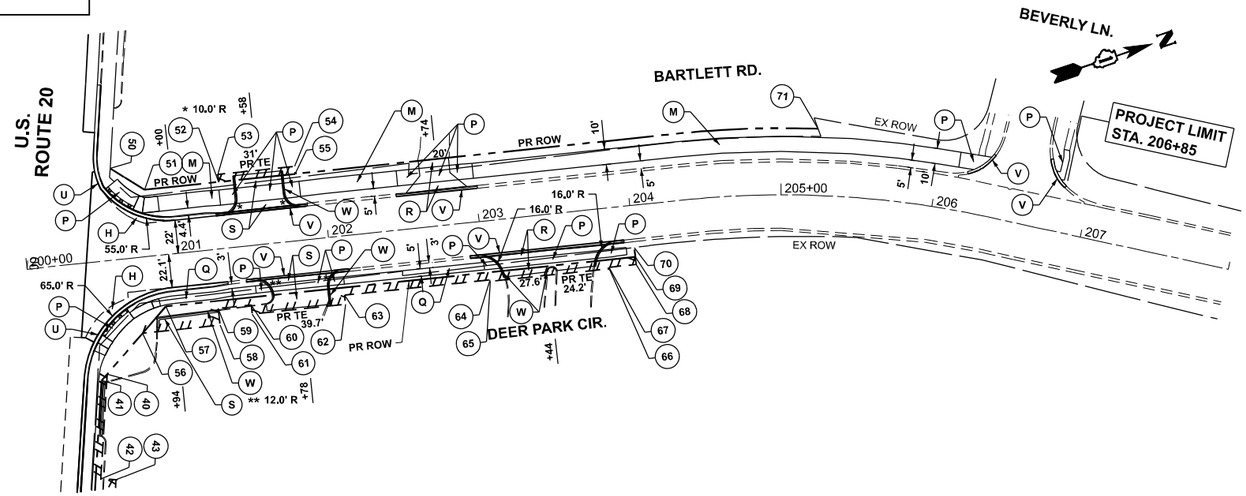
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(V) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
(W) CONCRETE CURB, TYPE B
(X) CLASS SI CONCRETE (OUTLET)



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

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

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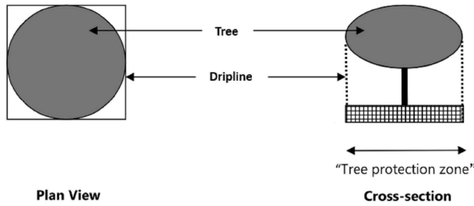
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

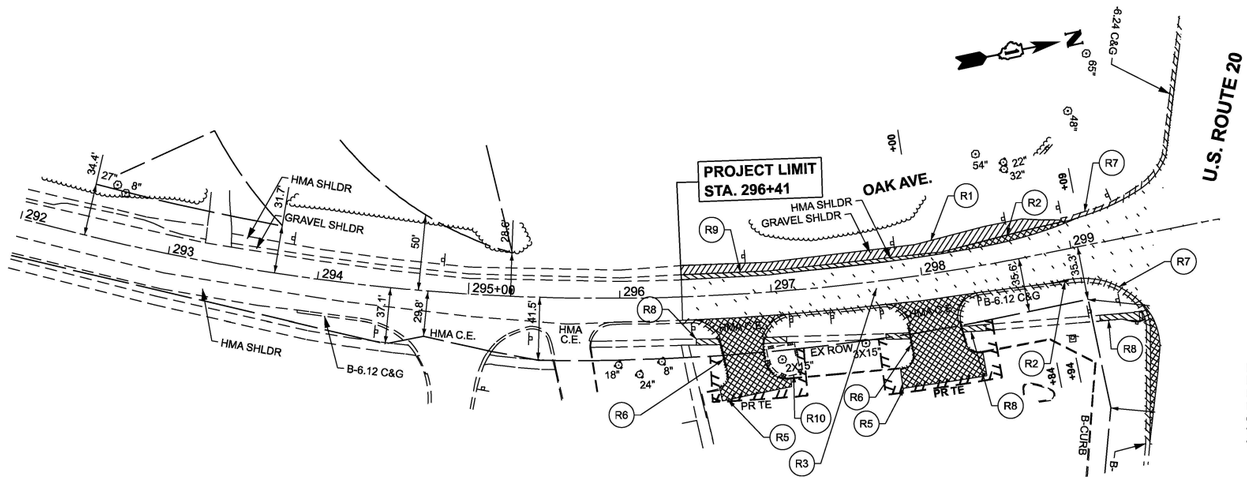
EXISTING AND PROPOSED ROADWAY PLAN
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

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



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)

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

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

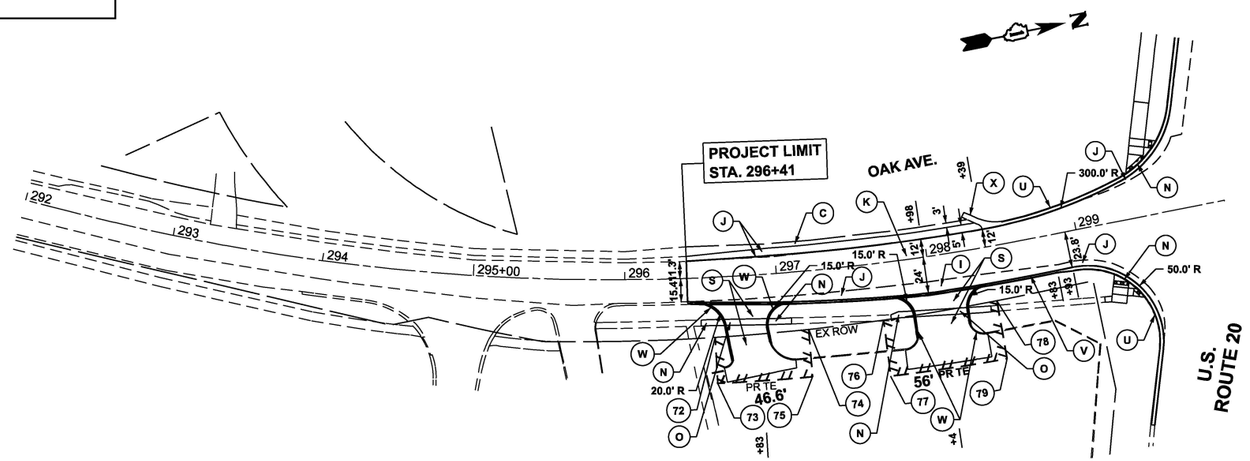
(P) PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH
AGGREGATE BASE COURSE, TYPE B, 4"
(Q) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
AGGREGATE BASE COURSE, TYPE B, 4"

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
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

PROPOSED

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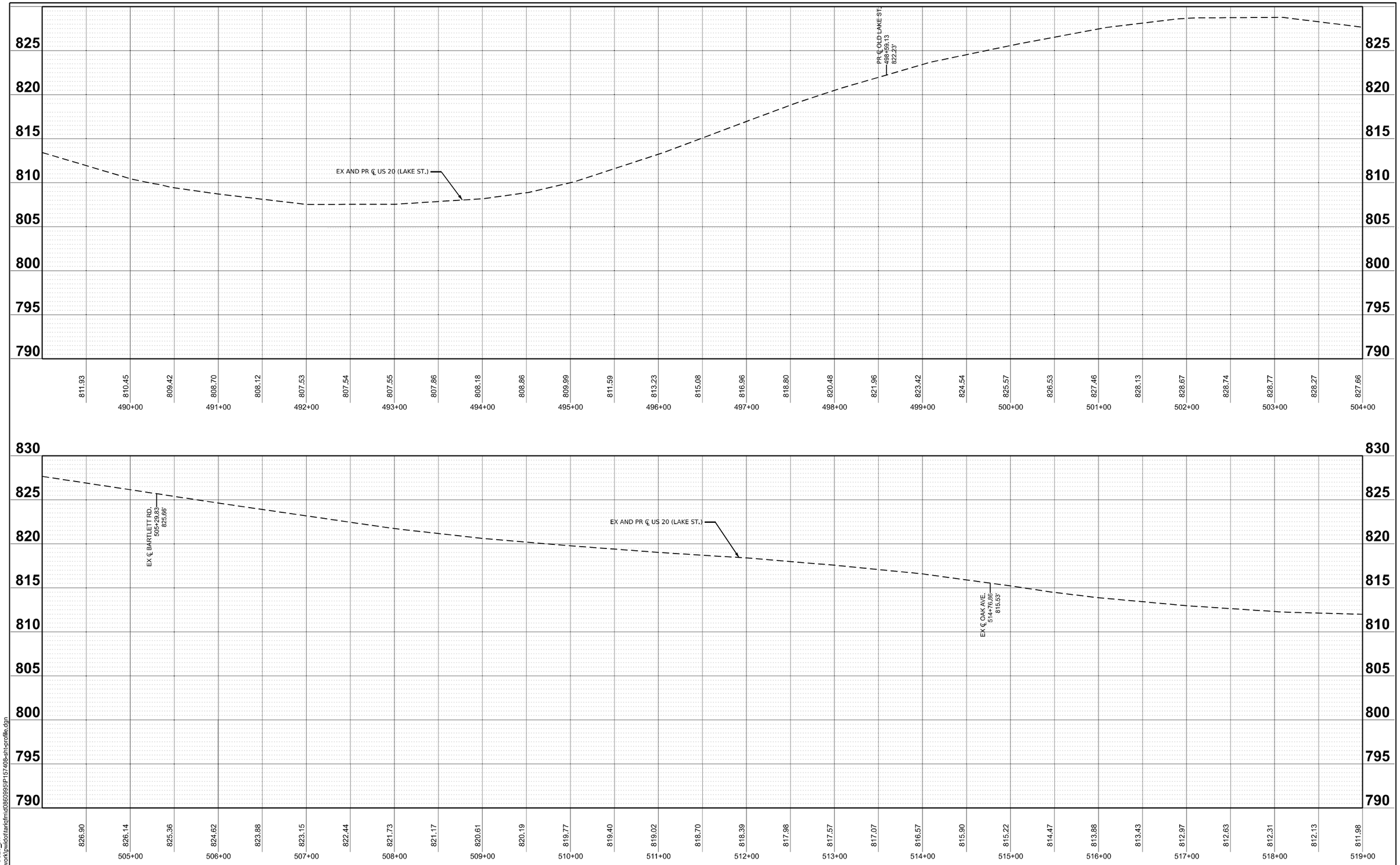
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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	



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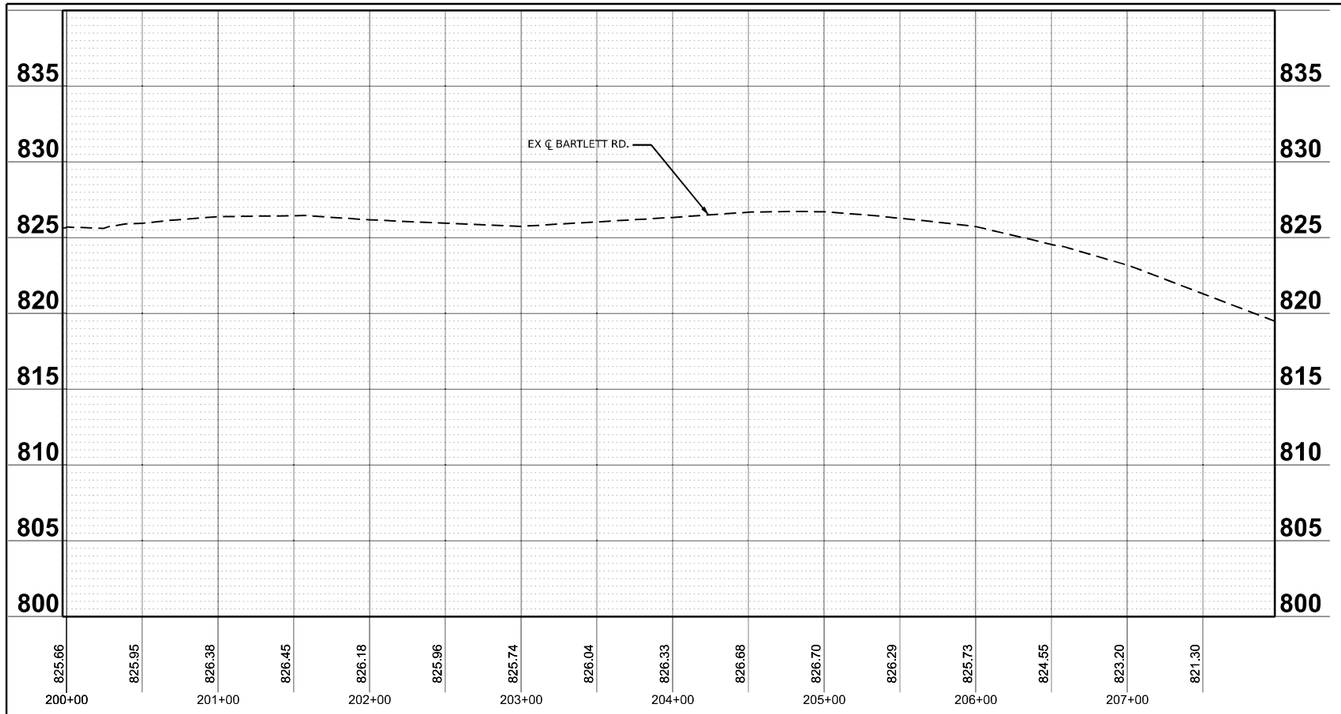
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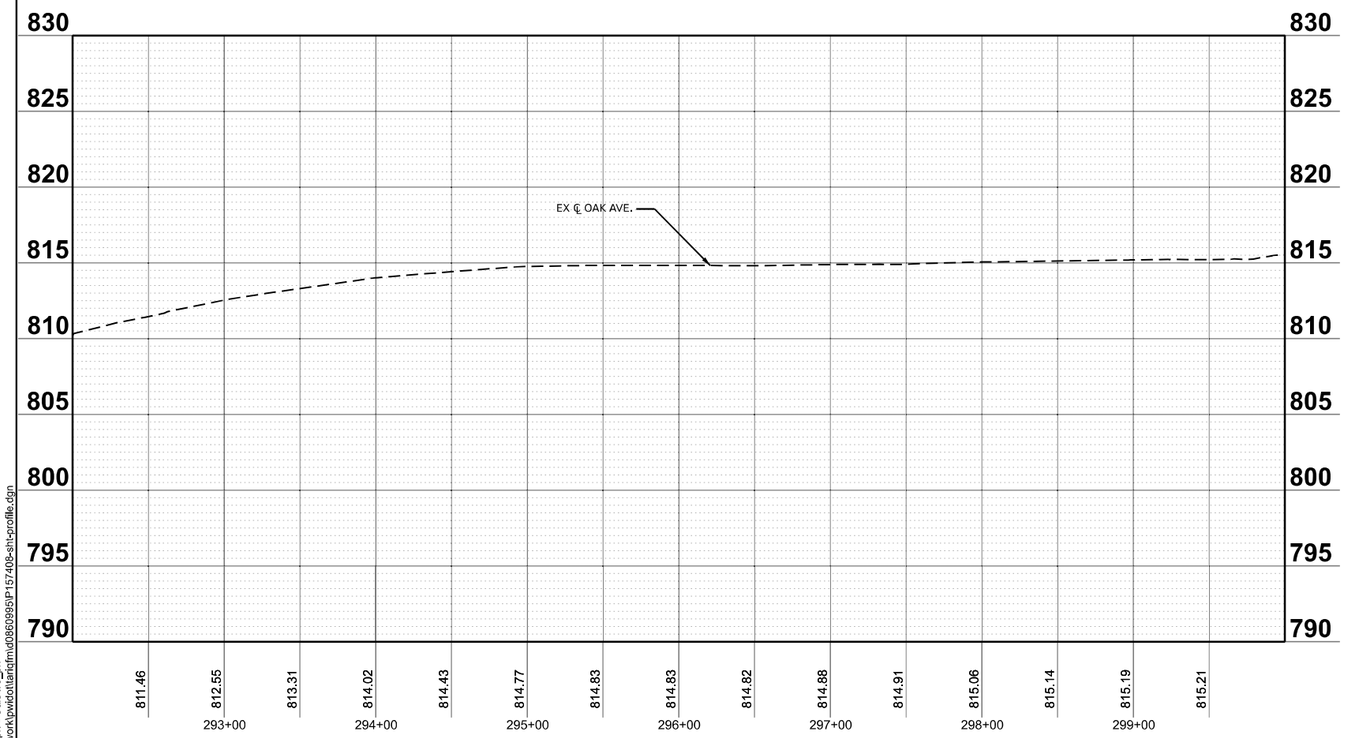
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: 1"=50' | SHEET 6 OF 7 SHEETS | STA. 489+00.00 | TO STA. 519+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	24
		CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			





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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

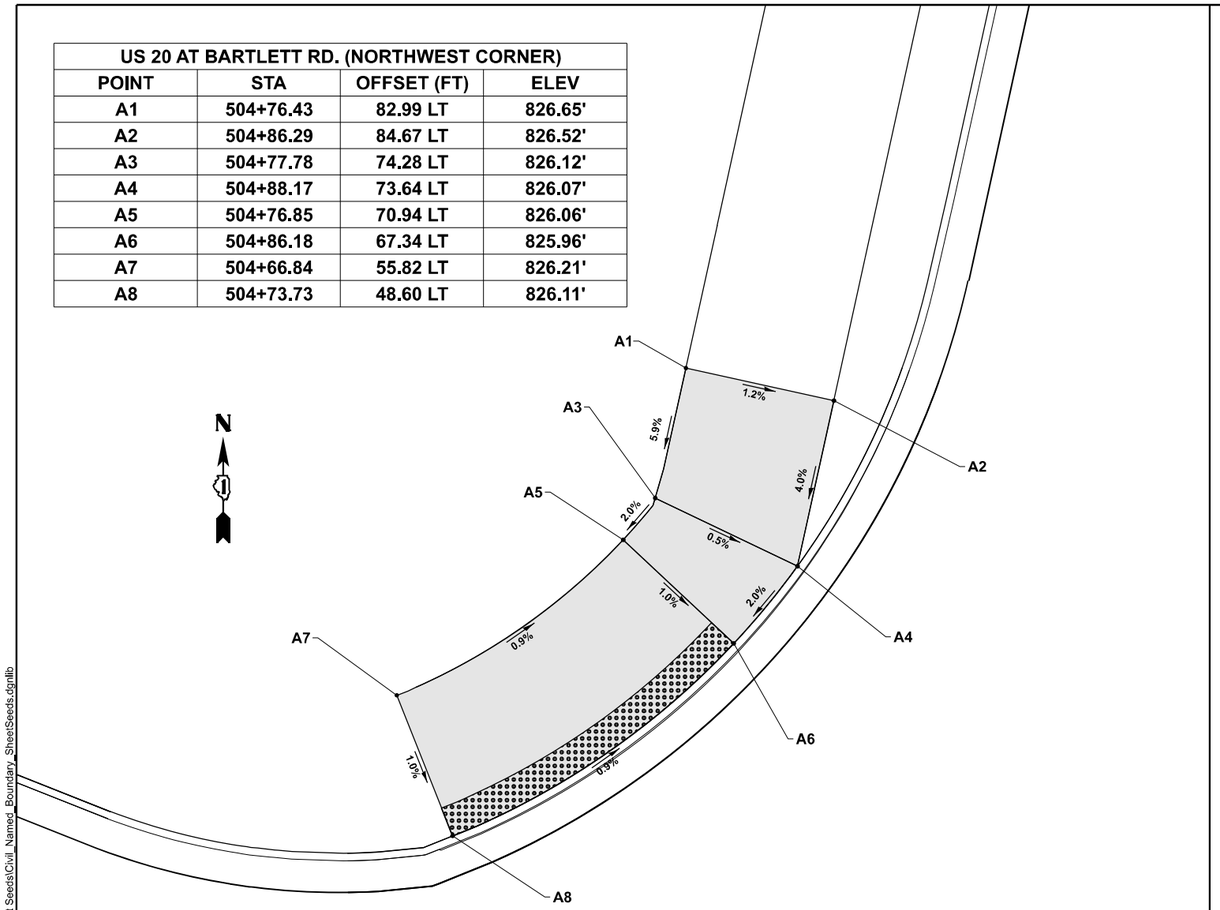
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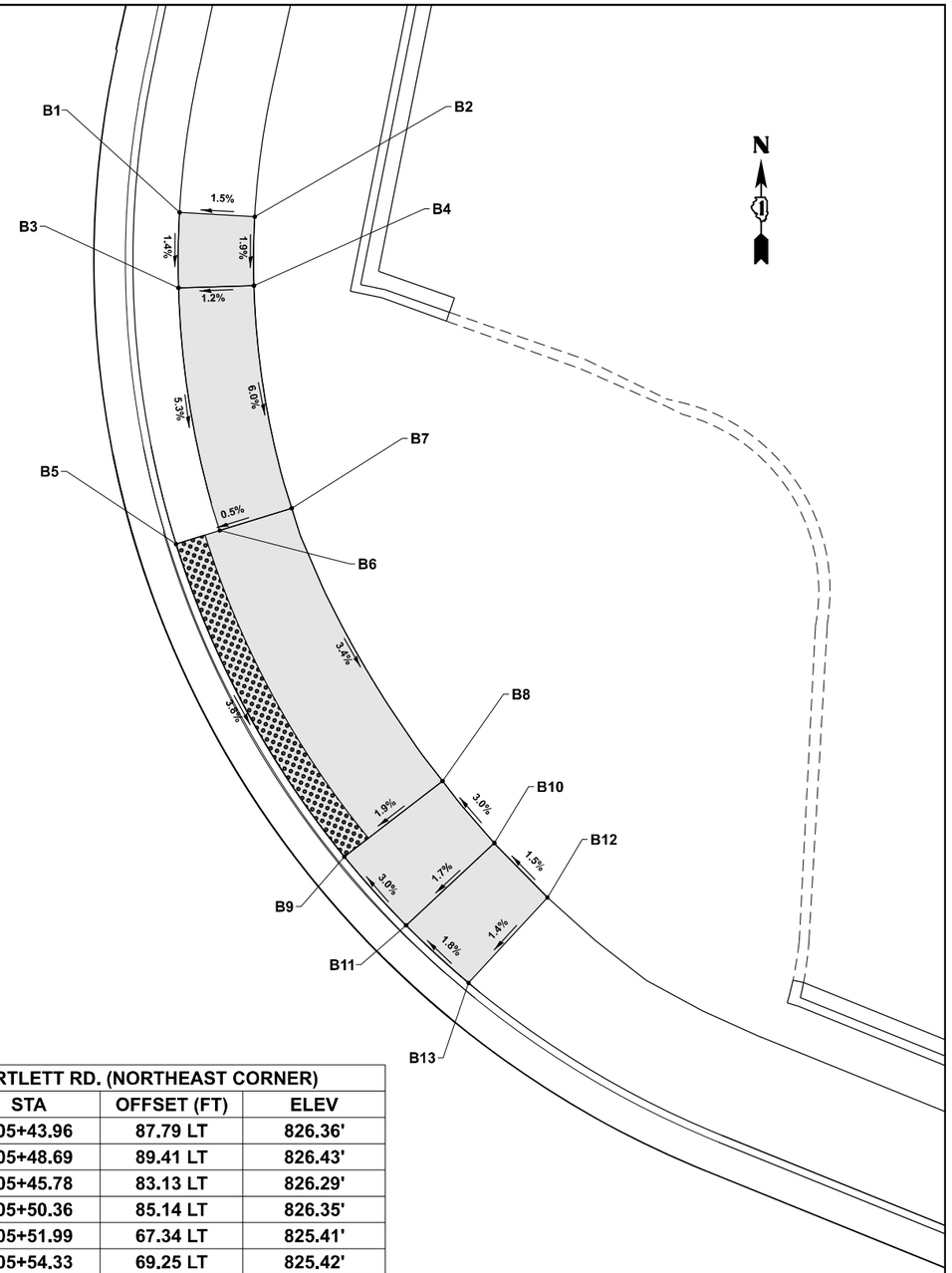
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345	2021-133-N	COOK	141	25

CONTRACT NO. 62P51

ILLINOIS | FED. AID PROJECT

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'





US 20 AT BARTLETT RD. (NORTHEAST CORNER)			
POINT	STA	OFFSET (FT)	ELEV
B1	505+43.96	87.79 LT	826.36'
B2	505+48.69	89.41 LT	826.43'
B3	505+45.78	83.13 LT	826.29'
B4	505+50.36	85.14 LT	826.35'
B5	505+51.99	67.34 LT	825.41'
B6	505+54.33	69.25 LT	825.42'
B7	505+58.21	72.41 LT	825.45'
B8	505+74.25	59.40 LT	824.75'
B9	505+70.10	52.32 LT	824.59'
B10	505+78.98	56.88 LT	824.91'
B11	505+75.59	49.63 LT	824.77'
B12	505+83.59	54.86 LT	824.98'
B13	505+80.87	47.65 LT	824.87'

GENERAL CURB RAMP NOTES

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

LEGEND

xx.xx' PROPOSED ELEVATION/SLOPE

(xx.xx') EXISTING ELEVATION/SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

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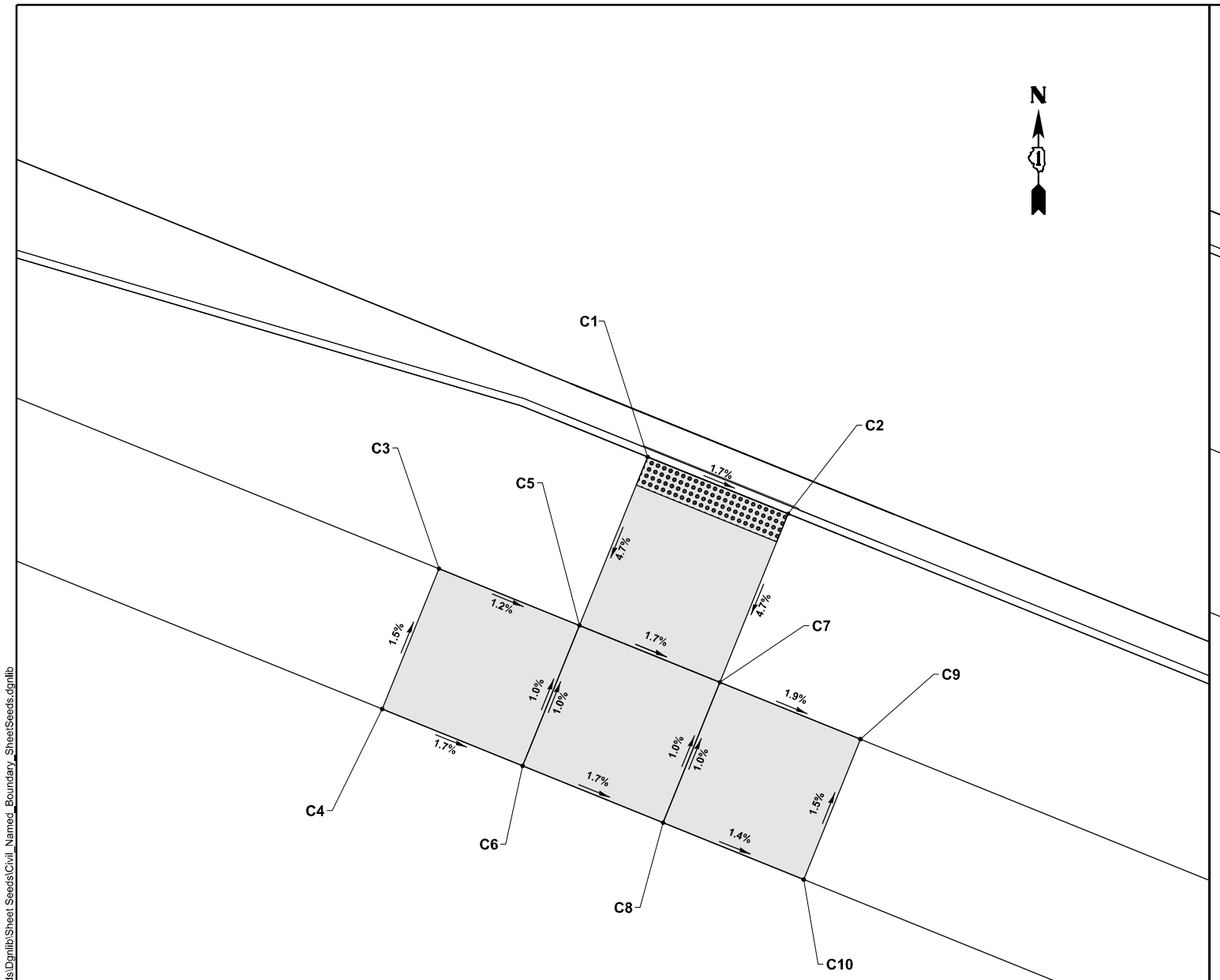
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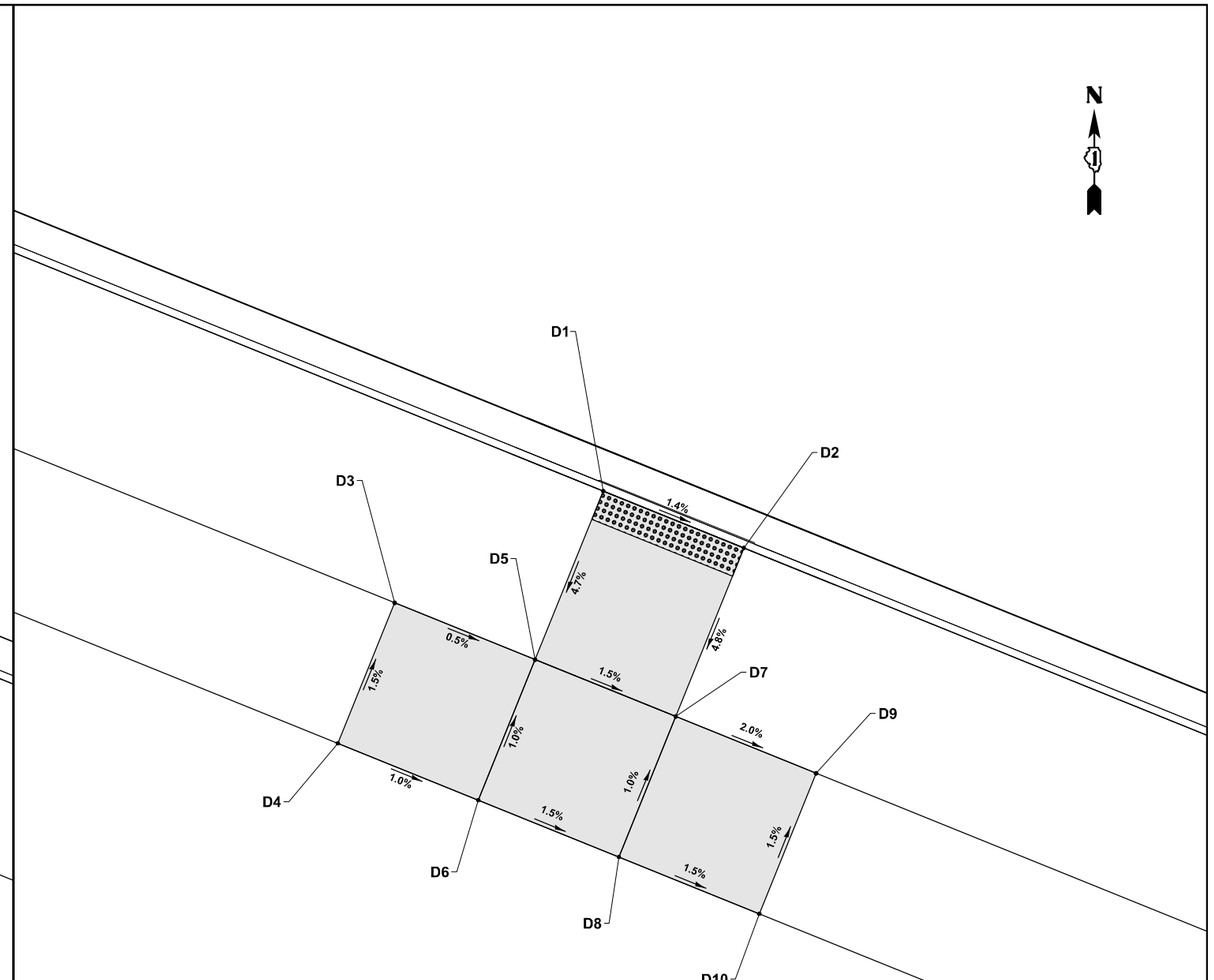
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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		





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'

US 20 AT BARTLETT RD. (SOUTHEAST CORNER)			
POINT	STA	OFFSET (FT)	ELEV
D1	505+60.10	32.58 RT	824.54'
D2	505+70.10	32.58 RT	824.40'
D3	505+50.10	44.58 RT	824.02'
D4	505+50.10	54.58 RT	824.17'
D5	505+60.10	44.58 RT	823.97'
D6	505+60.10	54.58 RT	824.07'
D7	505+70.10	44.58 RT	823.82'
D8	505+70.10	54.58 RT	823.92'
D9	505+80.10	44.58 RT	823.62'
D10	505+80.10	54.58 RT	823.77'

LEGEND

xx.xx' PROPOSED ELEVATION/SLOPE

(xx.xx') EXISTING ELEVATION/SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

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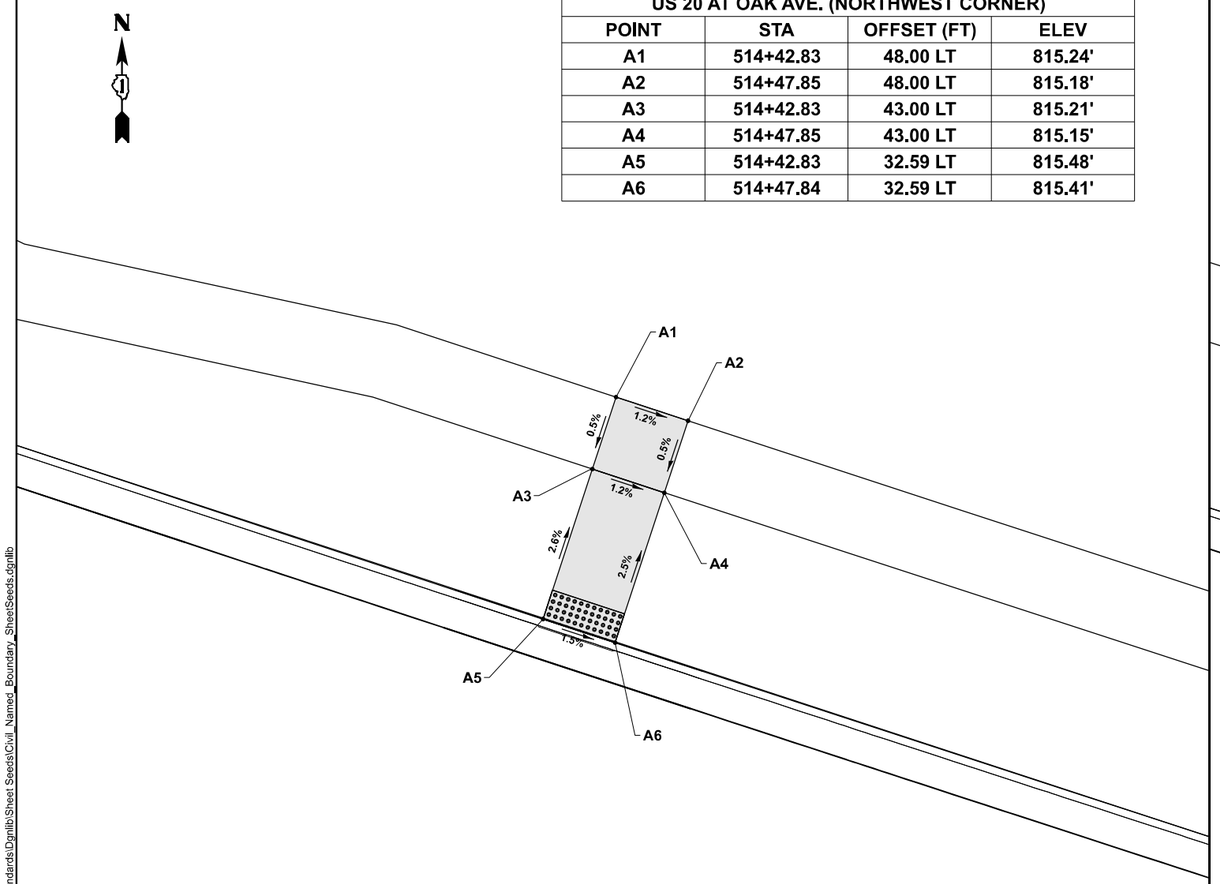
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

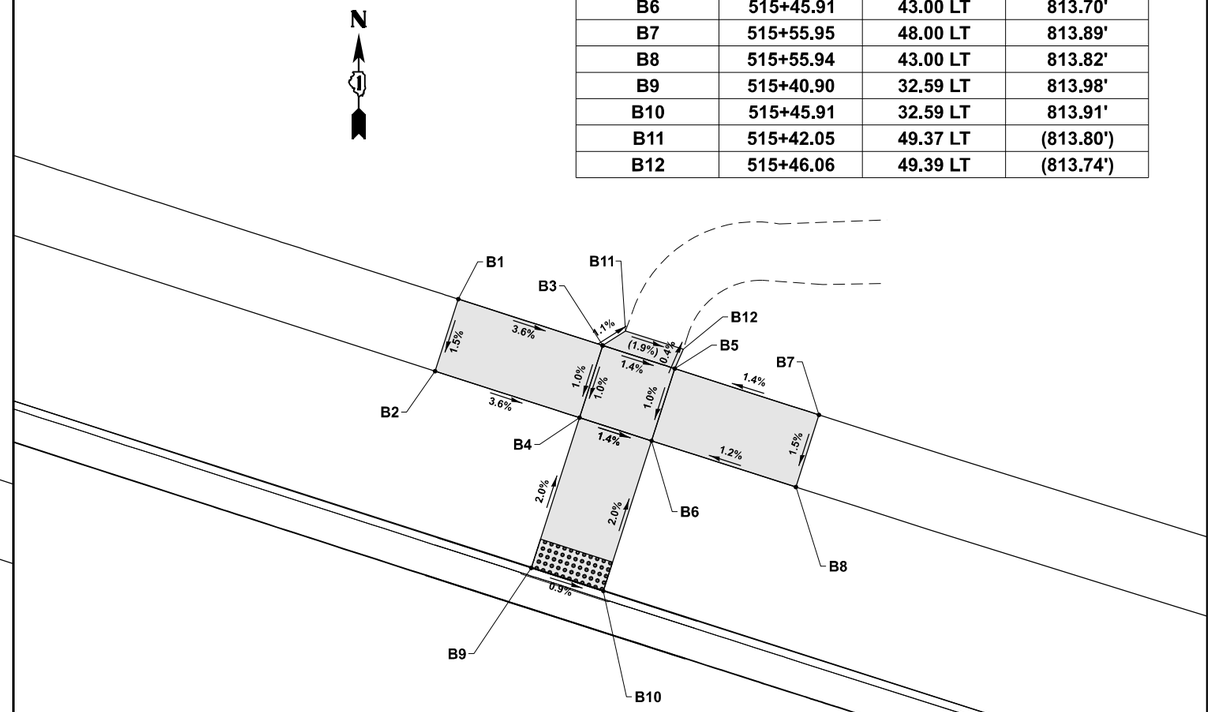
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	26A
		CONTRACT NO. 62P51		
	ILLINOIS	FED. AID PROJECT		

US 20 AT OAK AVE. (NORTHWEST CORNER)			
POINT	STA	OFFSET (FT)	ELEV
A1	514+42.83	48.00 LT	815.24'
A2	514+47.85	48.00 LT	815.18'
A3	514+42.83	43.00 LT	815.21'
A4	514+47.85	43.00 LT	815.15'
A5	514+42.83	32.59 LT	815.48'
A6	514+47.84	32.59 LT	815.41'



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')



LEGEND

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

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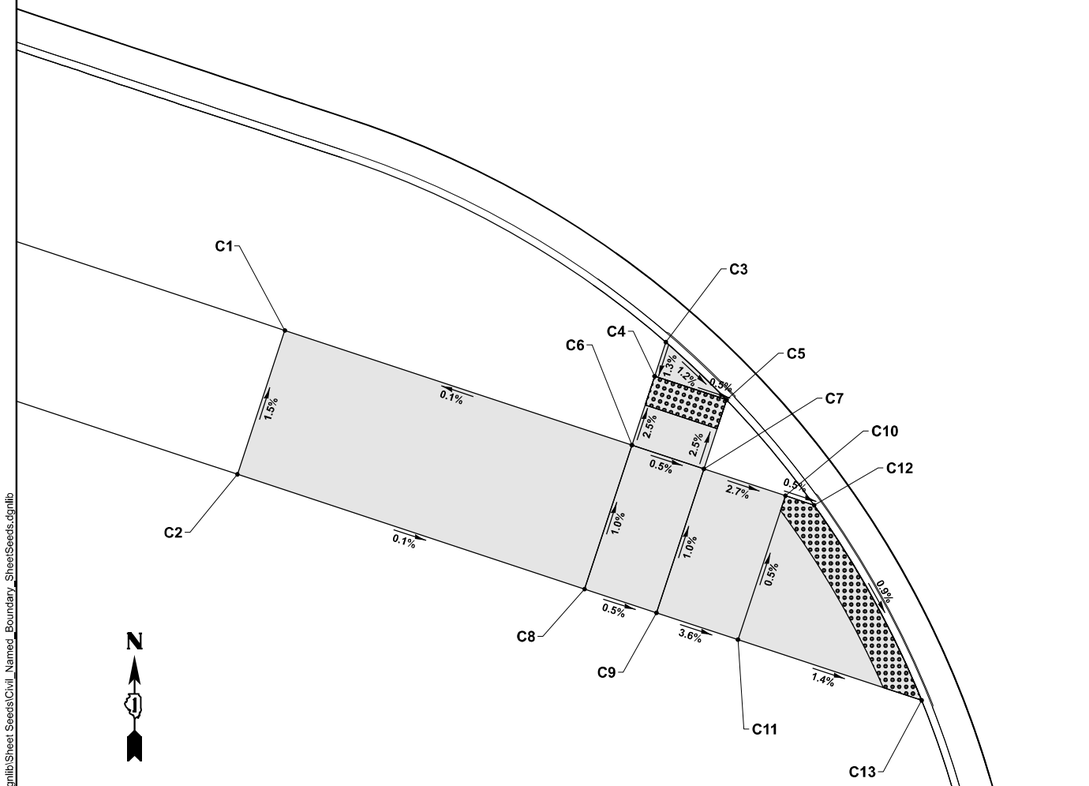
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

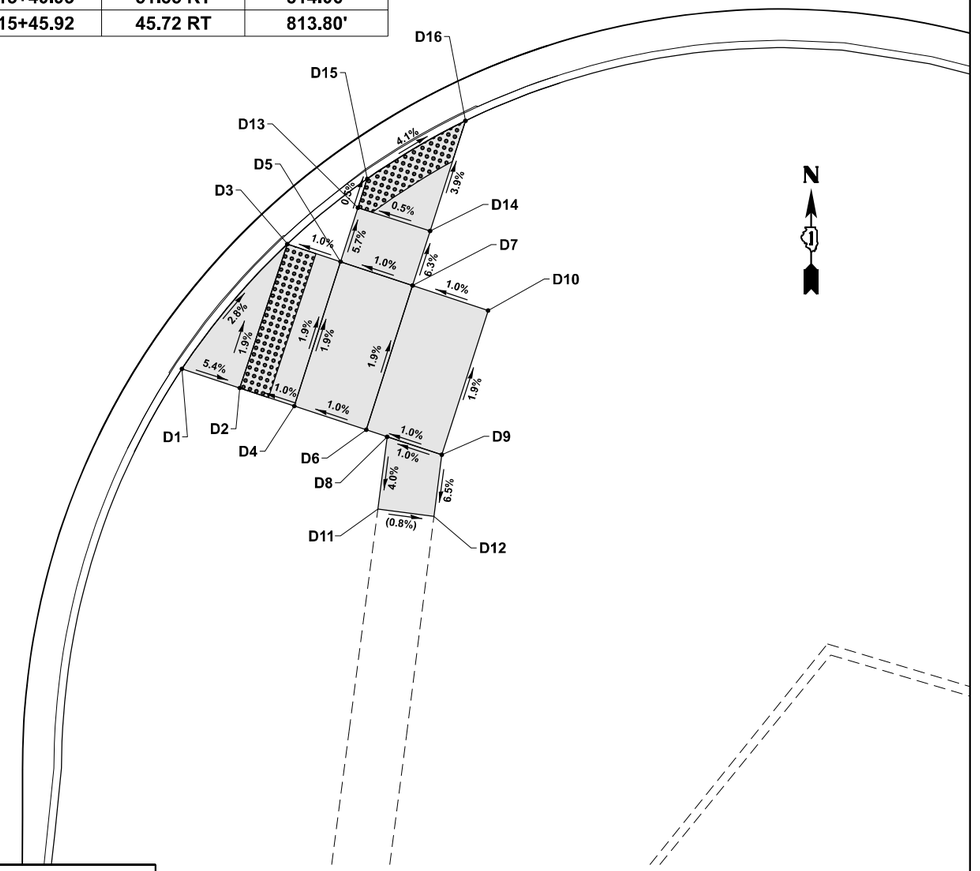
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	26B
		CONTRACT NO. 62P51		
	ILLINOIS	FED. AID PROJECT		



US 20 AT OAK AVE. (SOUTHWEST CORNER)			
POINT	STA	OFFSET (FT)	ELEV
C1	514+18.78	56.58 RT	815.15'
C2	514+18.77	66.58 RT	815.30'
C3	514+42.80	49.45 RT	815.08'
C4	514+42.80	51.82 RT	815.05'
C5	514+47.79	51.82 RT	815.03'
C6	514+42.80	56.60 RT	815.17'
C7	514+47.78	56.61 RT	815.15'
C8	514+42.80	66.60 RT	815.27'
C9	514+47.78	66.61 RT	815.25'
C10	514+53.43	56.63 RT	814.99'
C11	514+53.41	66.63 RT	815.04'
C12	514+55.42	56.63 RT	814.98'
C13	514+66.12	66.66 RT	814.87'

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

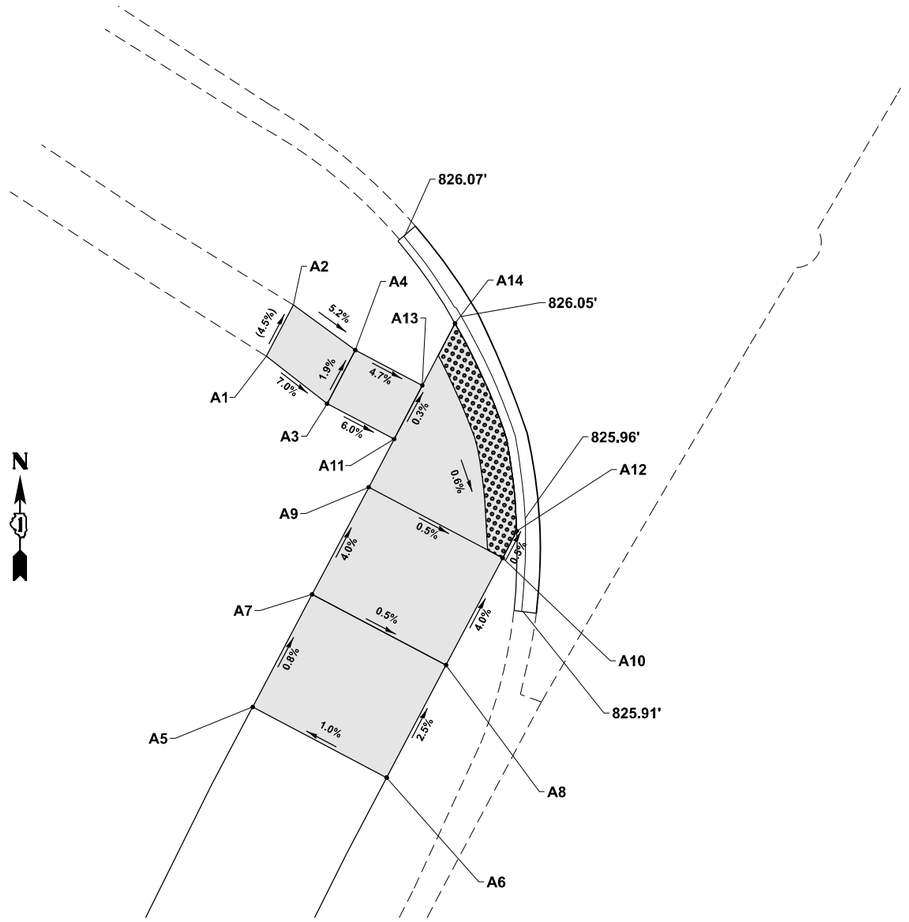
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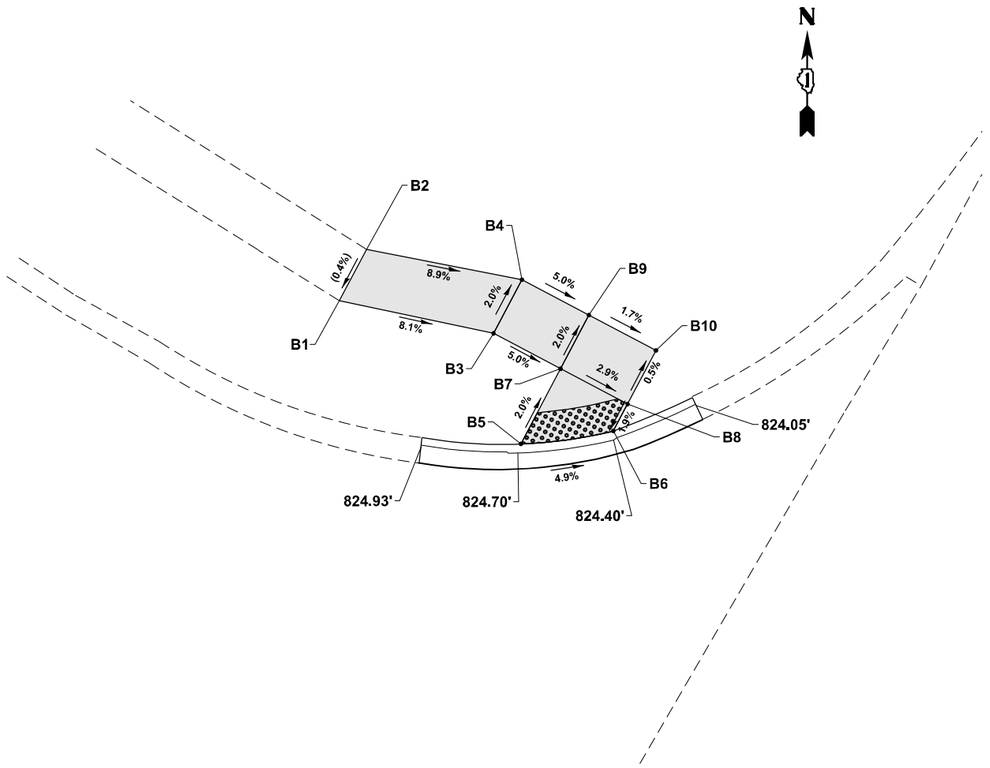
CURB RAMP DETAILS
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

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			

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BARTLETT RD. AT BEVERLY LN. (SOUTHWEST CORNER)			
POINT	STA	OFFSET (FT)	ELEV
A1	206+24.37	48.76 LT	(826.78')
A2	206+27.92	48.89 LT	(826.60')
A3	206+23.68	43.74 LT	826.42'
A4	206+27.42	43.87 LT	826.34'
A5	206+04.99	38.43 LT	826.51'
A6	206+04.99	28.43 LT	826.61'
A7	206+12.90	38.49 LT	826.45'
A8	206+13.03	28.49 LT	826.40'
A9	206+20.45	38.64 LT	826.13'
A10	206+20.69	28.64 LT	826.08'
A11	206+23.82	38.74 LT	826.12'
A12	206+22.60	28.70 LT	826.07'
A13	206+27.59	38.87 LT	826.11'
A14	206+31.94	39.06 LT	826.09'

BARTLETT RD. AT BEVERLY LN. (NORTHWEST CORNER)			
POINT	STA	OFFSET (FT)	ELEV
B1	206+77.30	54.39 LT	(825.71')
B2	206+81.12	54.59 LT	(825.72')
B3	206+80.65	44.55 LT	824.87'
B4	206+84.64	44.76 LT	824.79'
B5	206+75.30	39.27 LT	824.73'
B6	206+79.16	34.46 LT	824.56'
B7	206+80.90	39.56 LT	824.62'
B8	206+81.16	34.56 LT	824.48'
B9	206+84.90	39.76 LT	824.54'
B10	206+85.15	34.77 LT	824.46'

LEGEND

xx.xx' PROPOSED ELEVATION/SLOPE

(xx.xx') EXISTING ELEVATION/SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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

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

MAINTENANCE OF TRAFFIC NOTES

1. THE STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS SHALL SERVE AS A GUIDE FOR THE SAFE DIVERSION OF TRAFFIC DURING THE EXECUTION OF THIS CONTRACT. ANY CHANGES TO THE PLANS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

2. THE CONTRACTOR SHALL MAINTAIN TRAFFIC IN ACCORDANCE WITH THE SPECIAL PROVISIONS, STATE STANDARDS, STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

3. THE FURNISHING, INSTALLING, AND RELOCATION OF ALL TRAFFIC SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE STANDARD SPECIFICATIONS.

4. ACCESS TO PROPERTIES SHALL BE MAINTAINED AT ALL TIMES. WHEN A DRIVEWAY MUST BE CLOSED TEMPORARILY FOR CONSTRUCTION OF THE DRIVEWAY APRON, PROPERTIES WITH MULTIPLE ENTRANCES SHALL HAVE ONLY ONE ENTRANCE CLOSED AT A TIME.

5. ALL EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE TEMPORARY PAVEMENT MARKING, TYPE IV TAPE USED FOR STAGING SHALL BE REMOVED. THIS WORK SHALL BE PAID FOR AS "PAVEMENT MARKING REMOVAL - GRINDING" WITHIN THE RESURFACING LIMITS AND "PAVEMENT MARKING REMOVAL - WATER BLASTING" OUTSIDE THE RESURFACING LIMITS.

6. ALL EXISTING SIGNS WITHIN THE LIMITS OF THE MAINTENANCE OF TRAFFIC WHICH ARE OBSCURED BY OR OTHERWISE INTERFERED WITH BY THE CONSTRUCTION OPERATIONS AND MAINTENANCE OF TRAFFIC, SHALL BE COVERED OR REMOVED BY THE CONTRACTOR UNLESS SPECIFIED IN THE PLANS OR WHEN DIRECTED BY THE ENGINEER. THIS WORK SHALL BE IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

7. ALL EXISTING RAISED REFLECTIVE PAVEMENT MARKERS WITHIN THE RESURFACING LIMITS IN CONFLICT WITH THE STAGING TAPE LAYOUT SHALL BE REMOVED. THIS WORK SHALL BE PAID FOR AS "RAISED REFLECTIVE PAVEMENT MARKER REMOVAL". ALL EXISTING REFLECTORS OUTSIDE THE RESURFACING LIMITS IN CONFLICT WITH STAGING TAPE LAYOUT SHALL BE REMOVED. THIS WORK SHALL BE PAID FOR AS "RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL".

8. CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED TWO WEEKS PRIOR TO ALL TRAFFIC STAGE CHANGES ON EACH APPROACH OF THE EFFECTED ROADWAY TO WARN MOTORISTS OF THE UPCOMING EVENT. THE SIGNS SHALL BE REMOVED TWO WEEKS THEREAFTER UNLESS THE SIGNS ARE NEEDED AGAIN FOR A SUBSEQUENT FUTURE EVENT THAT WILL OCCUR WITHIN 2 WEEKS ON THE SAME APPROACH OF THE EFFECTED ROADWAY. THE SIGN LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.

9. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES AND RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE LIMITS THAT CONFLICT WITH MAINTENANCE OF TRAFFIC STRIPING IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.

10. WHEN WORKING ADJACENT TO THE ROAD AND UTILIZING DAILY LANE CLOSURES, DROP-OFFS ADJACENT TO THE TRAVEL LANES SHALL BE KEPT TO A MINIMUM. PROTECTION OF THE DROP-OFF SHALL BE ACCORDING TO THE IDOT BUREAU OF SAFETY PROGRAMS AND ENGINEERING, SAFETY ENGINEERING POLICY MEMORANDUM 4-21. DROP-OFFS GREATER THAN THE SPECIFIED MAXIMUM DROP-OFF DEPTH SHOWN IN TABLE 2, CONDITION II OF THE SAFETY 4-21 POLICY WILL NOT BE ALLOWED AT LOCATIONS WHERE THE DROP-OFF IS LOCATED WITHIN 8 FT OF THE EDGE OF THE NEAREST OPEN TRAFFIC LANE. THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE EXCAVATION REQUIRED FOR THE CONSTRUCTION DURING THE TIME THAT THE ADJACENT LANE IS CLOSED. AS NOTED ABOVE, PRIOR TO REOPENING THE LANE TO TRAFFIC, THE CONTRACTOR SHALL PLACE SUFFICIENT MATERIAL TO REDUCE THE DROP-OFF TO LESS THAN THE SPECIFIED MAXIMUM DROP-OFF DEPTH SHOWN IN TABLE 2, CONDITION II OF THE SAFETY 4-21 POLICY AND ENSURE THAT THE DROP-OFF AREAS MEET THE OFFSET, HEIGHT, AND DURATION REQUIREMENTS TO USE BARRICADES/DRUMS AT THE END OF EACH WORKDAY. THE CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE THE AMOUNT OF WORK THAT CAN BE COMPLETED WITHIN THE TIME OF THE DAILY LANE CLOSURE. IF THE ABOVE REQUIREMENTS CAN'T BE MET, AND IT IS DETERMINED THAT OVERNIGHT LANE CLOSURES AND/OR TEMPORARY CONCRETE BARRIER WALL INSTALLATION WILL BE NECESSARY, THEN IDOT WRITTEN APPROVAL WILL BE REQUIRED PRIOR TO THE INSTALLATION OF THESE ITEMS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED TO COMPLY WITH THIS REQUIREMENT. WHERE POSITIVE PROTECTION (TEMPORARY CONCRETE BARRIER PER STD. 704001) IS PROVIDED, THIS REQUIREMENT IS NULLIFIED.

11. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES WHICH WILL POTENTIALLY CREATE ERODABLE CONDITIONS.

12. TEMPORARY PAVEMENT MARKING TAPE, TYPE IV SHOWN ON THE PLANS FOR ANY CONSTRUCTION STAGE THAT THE CONTRACTOR PROPOSES TO EXTEND OVER THE WINTER PERIOD SHALL MEAN TEMPORARY MODIFIED URETHANE PAVEMENT MARKING AND WILL BE PAID FOR THEIR RESPECTIVE CONTRACT UNIT PRICE.

CONSTRUCTION SEQUENCE

PRE-STAGE:

APPLICABLE HIGHWAY STANDARDS FOR TRAFFIC CONTROL AND PROTECTION FOR DAY-TIME LANE CLOSURES SHALL BE UTILIZED TO PERFORM THE WORK LISTED BELOW.

- RELOCATION OF UTILITIES
- INSTALLATION OF PERIMETER EROSION BARRIER AND TEMPORARY FENCE
- INSTALLATION OF TEMPORARY TRAFFIC SIGNALS
- DRAINAGE WORK AND PAVEMENT PATCHING AT STA. 512+42, RT AND LT. SEE PRE-STAGE PLAN FOR DETAILS.

STAGE 1:

- TRAVEL LANES ON US 20 SHALL BE SHIFTED WHILE MAINTAINING TWO THROUGH LANES IN EACH DIRECTION.
- TRAVEL LANES ON OAK AVENUE SHALL BE SHIFTED WHILE MAINTAINING ONE THROUGH LANE IN EACH DIRECTION.
- 11 FOOT WIDE THROUGH LANES SHALL BE MAINTAINED AT ALL TIMES. EXISTING PAVEMENT MARKINGS CONFLICTING WITH THE TEMPORARY PAVEMENT MARKING, TYPE IV TAPE FOR STAGE 1 SHALL BE REMOVED. PROPOSED TEMPORARY PAVEMENT MARKING, TYPE IV TAPE SHALL BE PLACED ACCORDING TO THE SUGGESTED STAGE 1 MAINTENANCE OF TRAFFIC PLAN OR AS DIRECTED BY THE ENGINEER.
- ALL PROPOSED WORK SHALL BE EXECUTED ON THE SOUTH SIDE OF US 20 AND THE WEST AND EAST SIDES OF OAK AVENUE.

STAGE 2:

- TRAVEL LANES ON US 20 SHALL BE SHIFTED WHILE MAINTAINING TWO THROUGH LANES IN EACH DIRECTION.
- TRAVEL LANES ON OAK AVENUE SHALL REMAIN AS STAGE 1.
- 11 FOOT WIDE THROUGH LANES SHALL BE MAINTAINED AT ALL TIMES. TEMPORARY PAVEMENT MARKING, TYPE IV TAPE FOR STAGE 1 SHALL BE REMOVED ALONG US 20. PROPOSED TEMPORARY PAVEMENT MARKING, TYPE IV TAPE SHALL BE PLACED ACCORDING TO THE SUGGESTED STAGE 2 MAINTENANCE OF TRAFFIC PLAN OR AS DIRECTED BY THE ENGINEER.
- ALL PROPOSED WORK SHALL BE EXECUTED ON THE NORTH SIDE OF US 20 AND AT OLD LAKE STREET. PROPOSED WORK ALONG THE WEST AND EAST SIDES OF BARTLETT ROAD SHALL BE EXECUTED USING APPLICABLE HIGHWAY STANDARDS FOR TRAFFIC CONTROL AND PROTECTION FOR DAY-TIME LANE CLOSURES.

POST-STAGE:

- APPLICABLE HIGHWAY STANDARDS FOR TRAFFIC CONTROL AND PROTECTION FOR DAY-TIME LANE CLOSURES SHALL APPLY TO COMPLETE REMAINING PROPOSED WORK. THIS INCLUDES, BUT IS NOT LIMITED TO, MILLING OF EXISTING PAVEMENT FOR US 20 AND OAK AVENUE, PLACEMENT OF SURFACE AND BINDER COURSES, INSTALLATION OF LANDSCAPING, ROADWAY SIGNS, PAVEMENT MARKINGS, AND RAISED REFLECTIVE PAVEMENT MARKERS.

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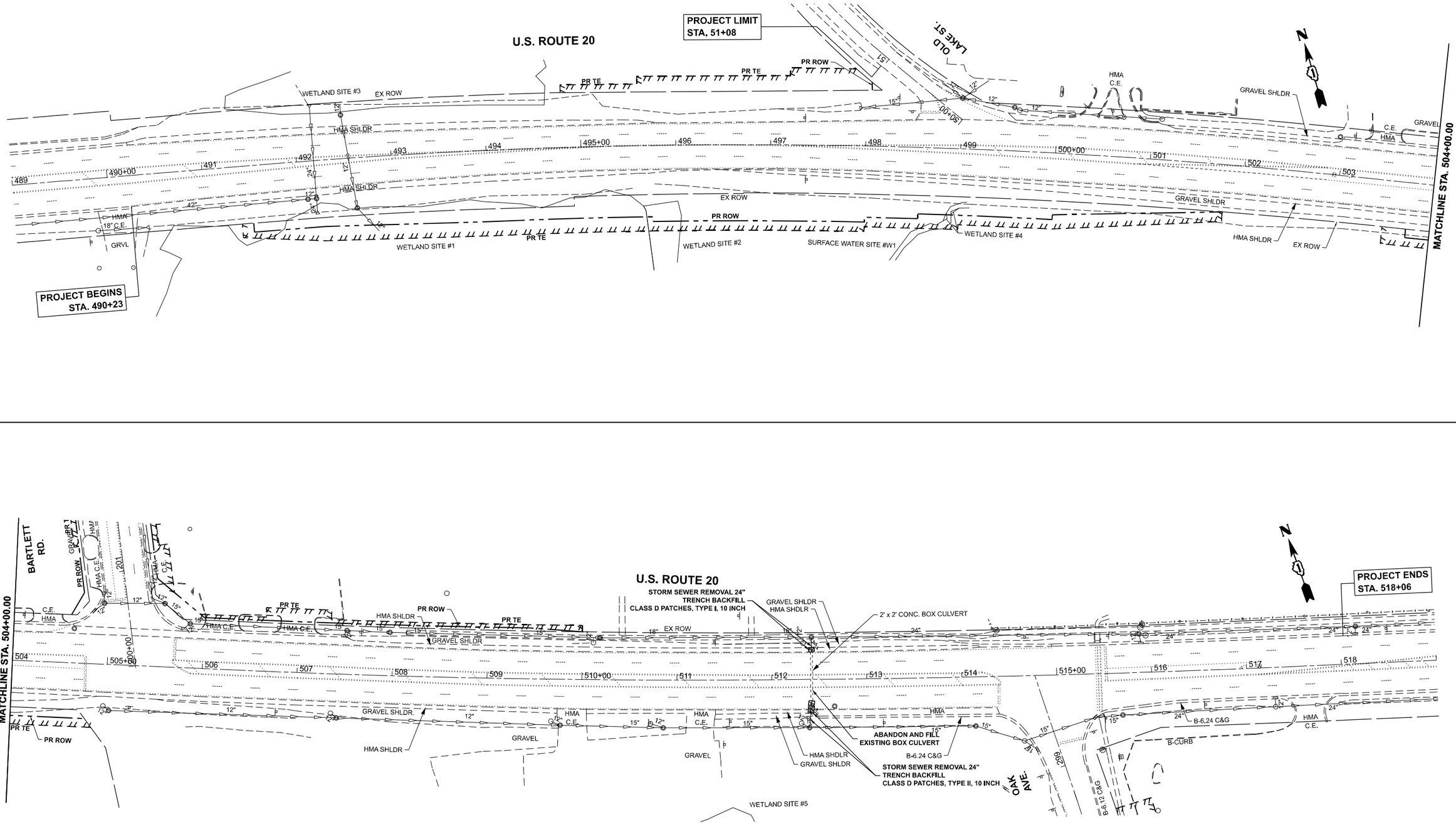
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINT. OF TRAFFIC NOTES AND SUGGESTED CONSTRUCTION SEQUENCE
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: | SHEET 1 OF 13 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	27
		CONTRACT NO. 62P51		
	ILLINOIS	FED. AID PROJECT		



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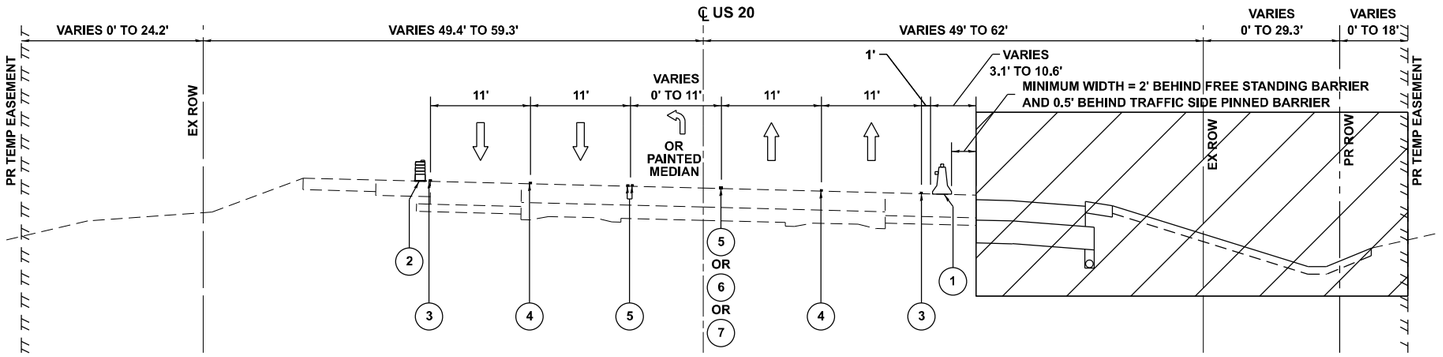
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED PRE-STAGE PLAN
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: 1"=50' | SHEET 2 OF 13 SHEETS | STA. 489+00.00 | TO STA. 519+00.00

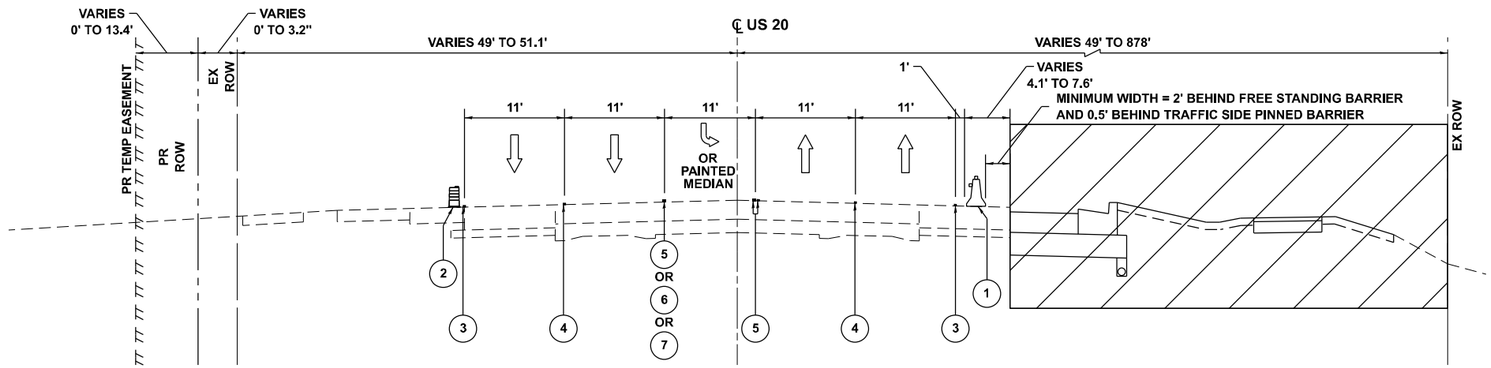
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	28
		CONTRACT NO. 62P51		
	ILLINOIS	FED. AID PROJECT		



US 20 (LAKE ST.)

STAGE 1 TYPICAL SECTION

STA. 490+23 TO STA. 504+06



US 20 (LAKE ST.)

STAGE 1 TYPICAL SECTION

STA. 504+06 TO STA. 516+29

LEGEND:

- DIRECTION OF TRAFFIC
- WORK AREA
- (1) TEMPORARY CONCRETE BARRIER W/ MONO-DIRECTIONAL CRYSTAL TYPE C REFLECTORS PER HIGHWAY STANDARDS 704001 AND 782006
- (2) TYPE II BARRICADE OR DRUM
- (3) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, SOLID WHITE EDGELINE
- (4) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, SKIP-DASH WHITE LANE LINE, 10' DASH - 30' SKIP
- (5) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C
- (6) TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE, SOLID WHITE TURN LANE LINE
- (7) TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE, DOTTED WHITE LINE, 2' DASH - 6' SKIP
- (8) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, SKIP-DASH YELLOW CENTERLINE, 10' DASH - 30' SKIP

NOTES:

1. WHEN WORKING ADJACENT TO THE ROAD AND UTILIZING DAILY LANE CLOSURES, DROP-OFFS ADJACENT TO THE TRAVEL LANES SHALL BE KEPT TO A MINIMUM. PROTECTION OF THE DROP-OFF SHALL BE ACCORDING TO THE IDOT BUREAU OF SAFETY PROGRAMS AND ENGINEERING, SAFETY ENGINEERING POLICY MEMORANDUM 4-21. DROP-OFFS GREATER THAN THE SPECIFIED MAXIMUM DROP-OFF DEPTH SHOWN IN TABLE 2, CONDITION II OF THE SAFETY 4-21 POLICY WILL NOT BE ALLOWED AT LOCATIONS WHERE THE DROP-OFF IS LOCATED WITHIN 8 FT OF THE EDGE OF THE NEAREST OPEN TRAFFIC LANE. THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE EXCAVATION REQUIRED FOR THE CONSTRUCTION DURING THE TIME THAT THE ADJACENT LANE IS CLOSED. AS NOTED ABOVE, PRIOR TO REOPENING THE LANE TO TRAFFIC, THE CONTRACTOR SHALL PLACE SUFFICIENT MATERIAL TO REDUCE THE DROP-OFF TO LESS THAN THE SPECIFIED MAXIMUM DROP-OFF DEPTH SHOWN IN TABLE 2, CONDITION II OF THE SAFETY 4-21 POLICY AND ENSURE THAT THE DROP-OFF AREAS MEET THE OFFSET, HEIGHT, AND DURATION REQUIREMENTS TO USE BARRICADES/DRUMS AT THE END OF EACH WORKDAY. THE CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE THE AMOUNT OF WORK THAT CAN BE COMPLETED WITHIN THE TIME OF THE DAILY LANE CLOSURE. IF THE ABOVE REQUIREMENTS CAN'T BE MET, AND IT IS DETERMINED THAT OVERNIGHT LANE CLOSURES AND/OR TEMPORARY CONCRETE BARRIER WALL INSTALLATION WILL BE NECESSARY, THEN IDOT WRITTEN APPROVAL WILL BE REQUIRED PRIOR TO THE INSTALLATION OF THESE ITEMS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED TO COMPLY WITH THIS REQUIREMENT. WHERE POSITIVE PROTECTION (TEMPORARY CONCRETE BARRIER PER STD. 704001) IS PROVIDED, THIS REQUIREMENT IS NULLIFIED.
2. TEMPORARY CONCRETE BARRIER SHALL BE TRAFFIC SIDE PINNED FROM STA. 494+48 TO STA. 497+60, RT.

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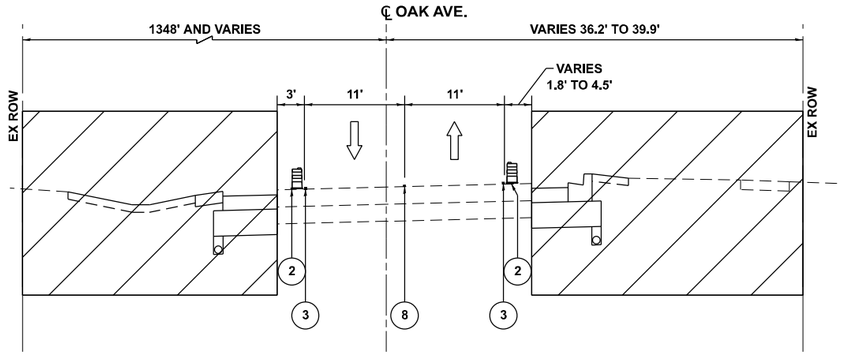
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DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGE 1 TYPICAL SECTIONS
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: | SHEET 3 OF 13 SHEETS | STA. | TO STA.

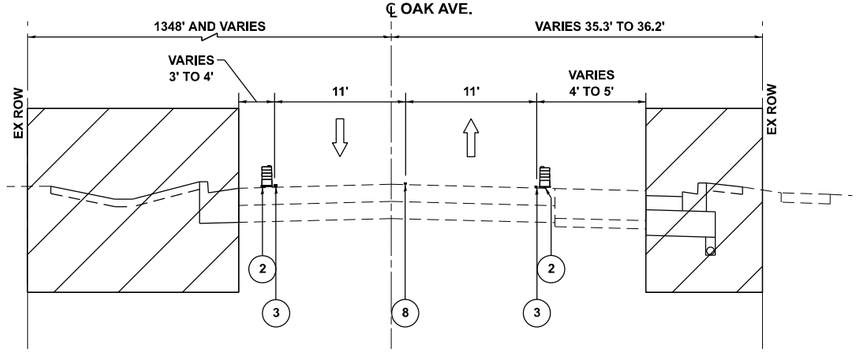
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	29
		CONTRACT NO. 62P51		
	ILLINOIS	FED. AID PROJECT		



OAK AVE.

STAGE 1 TYPICAL SECTION

STA. 296+41 TO STA. 298+39



OAK AVE.

STAGE 1 TYPICAL SECTION

STA. 298+39 TO STA. 299+40

LEGEND:

- DIRECTION OF TRAFFIC
- WORK AREA
- (1) TEMPORARY CONCRETE BARRIER W/ MONO-DIRECTIONAL CRYSTAL TYPE C REFLECTORS PER HIGHWAY STANDARDS 704001 AND 782006
- (2) TYPE II BARRICADE OR DRUM
- (3) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, SOLID WHITE EDGELINE
- (4) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, SKIP-DASH WHITE LANE LINE, 10' DASH - 30' SKIP
- (5) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C
- (6) TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE, SOLID WHITE TURN LANE LINE
- (7) TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE, DOTTED WHITE LINE, 2' DASH - 6' SKIP
- (8) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, SKIP-DASH YELLOW CENTERLINE, 10' DASH - 30' SKIP

NOTES:

1. WHEN WORKING ADJACENT TO THE ROAD AND UTILIZING DAILY LANE CLOSURES, DROP-OFFS ADJACENT TO THE TRAVEL LANES SHALL BE KEPT TO A MINIMUM. PROTECTION OF THE DROP-OFF SHALL BE ACCORDING TO THE IDOT BUREAU OF SAFETY PROGRAMS AND ENGINEERING, SAFETY ENGINEERING POLICY MEMORANDUM 4-21. DROP-OFFS GREATER THAN THE SPECIFIED MAXIMUM DROP-OFF DEPTH SHOWN IN TABLE 2, CONDITION II OF THE SAFETY 4-21 POLICY WILL NOT BE ALLOWED AT LOCATIONS WHERE THE DROP-OFF IS LOCATED WITHIN 8 FT OF THE EDGE OF THE NEAREST OPEN TRAFFIC LANE. THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE EXCAVATION REQUIRED FOR THE CONSTRUCTION DURING THE TIME THAT THE ADJACENT LANE IS CLOSED. AS NOTED ABOVE, PRIOR TO REOPENING THE LANE TO TRAFFIC, THE CONTRACTOR SHALL PLACE SUFFICIENT MATERIAL TO REDUCE THE DROP-OFF TO LESS THAN THE SPECIFIED MAXIMUM DROP-OFF DEPTH SHOWN IN TABLE 2, CONDITION II OF THE SAFETY 4-21 POLICY AND ENSURE THAT THE DROP-OFF AREAS MEET THE OFFSET, HEIGHT, AND DURATION REQUIREMENTS TO USE BARRICADES/DRUMS AT THE END OF EACH WORKDAY. THE CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE THE AMOUNT OF WORK THAT CAN BE COMPLETED WITHIN THE TIME OF THE DAILY LANE CLOSURE. IF THE ABOVE REQUIREMENTS CAN'T BE MET, AND IT IS DETERMINED THAT OVERNIGHT LANE CLOSURES AND/OR TEMPORARY CONCRETE BARRIER WALL INSTALLATION WILL BE NECESSARY, THEN IDOT WRITTEN APPROVAL WILL BE REQUIRED PRIOR TO THE INSTALLATION OF THESE ITEMS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED TO COMPLY WITH THIS REQUIREMENT. WHERE POSITIVE PROTECTION (TEMPORARY CONCRETE BARRIER PER STD. 704001) IS PROVIDED, THIS REQUIREMENT IS NULLIFIED.

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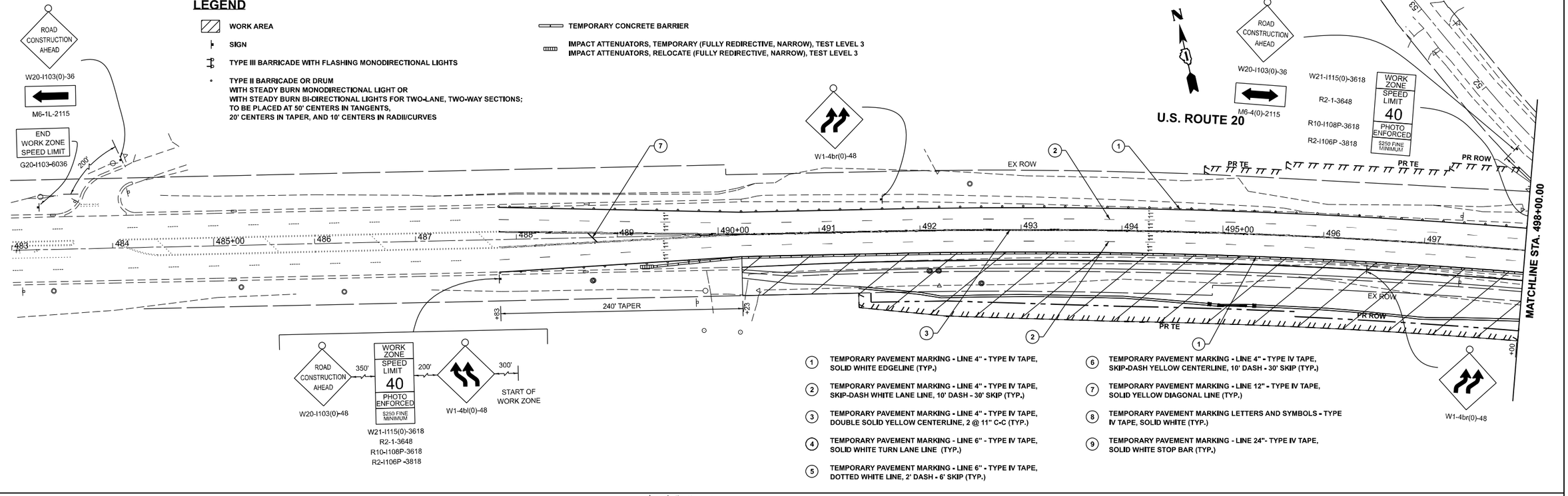
SUGGESTED STAGE 1 TYPICAL SECTIONS
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: | SHEET 4 OF 13 SHEETS | STA. | TO STA.

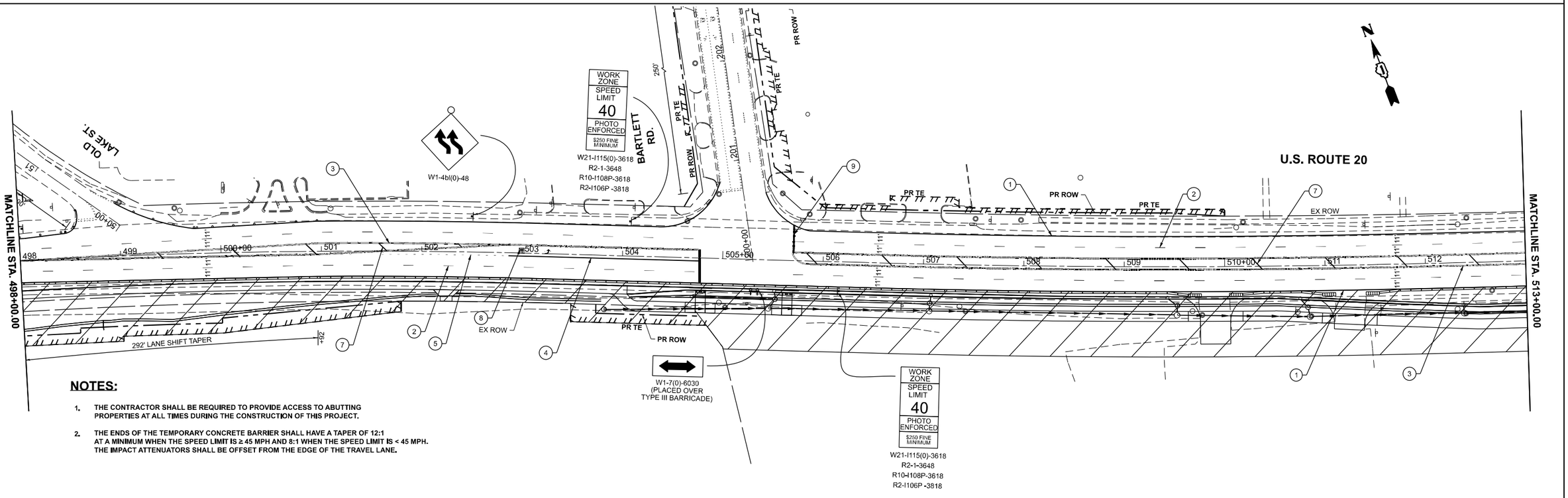
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	30
		CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			

LEGEND

- WORK AREA
- SIGN
- TYPE III BARRICADE WITH FLASHING MONODIRECTIONAL LIGHTS
- TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT OR WITH STEADY BURN BI-DIRECTIONAL LIGHTS FOR TWO-LANE, TWO-WAY SECTIONS; TO BE PLACED AT 50' CENTERS IN TANGENTS, 20' CENTERS IN TAPER, AND 10' CENTERS IN RADII/CURVES
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3



1. TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, SOLID WHITE EDGELINE (TYP.)
2. TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, SKIP-DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.)
3. TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.)
4. TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE, SOLID WHITE TURN LANE LINE (TYP.)
5. TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE, DOTTED WHITE LINE, 2' DASH - 6' SKIP (TYP.)
6. TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, SKIP-DASH YELLOW CENTERLINE, 10' DASH - 30' SKIP (TYP.)
7. TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE, SOLID YELLOW DIAGONAL LINE (TYP.)
8. TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE, SOLID WHITE (TYP.)
9. TEMPORARY PAVEMENT MARKING - LINE 24"- TYPE IV TAPE, SOLID WHITE STOP BAR (TYP.)



NOTES:

1. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTIES AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
2. THE ENDS OF THE TEMPORARY CONCRETE BARRIER SHALL HAVE A TAPER OF 12:1 AT A MINIMUM WHEN THE SPEED LIMIT IS ≥ 45 MPH AND 8:1 WHEN THE SPEED LIMIT IS < 45 MPH. THE IMPACT ATTENUATORS SHALL BE OFFSET FROM THE EDGE OF THE TRAVEL LANE.

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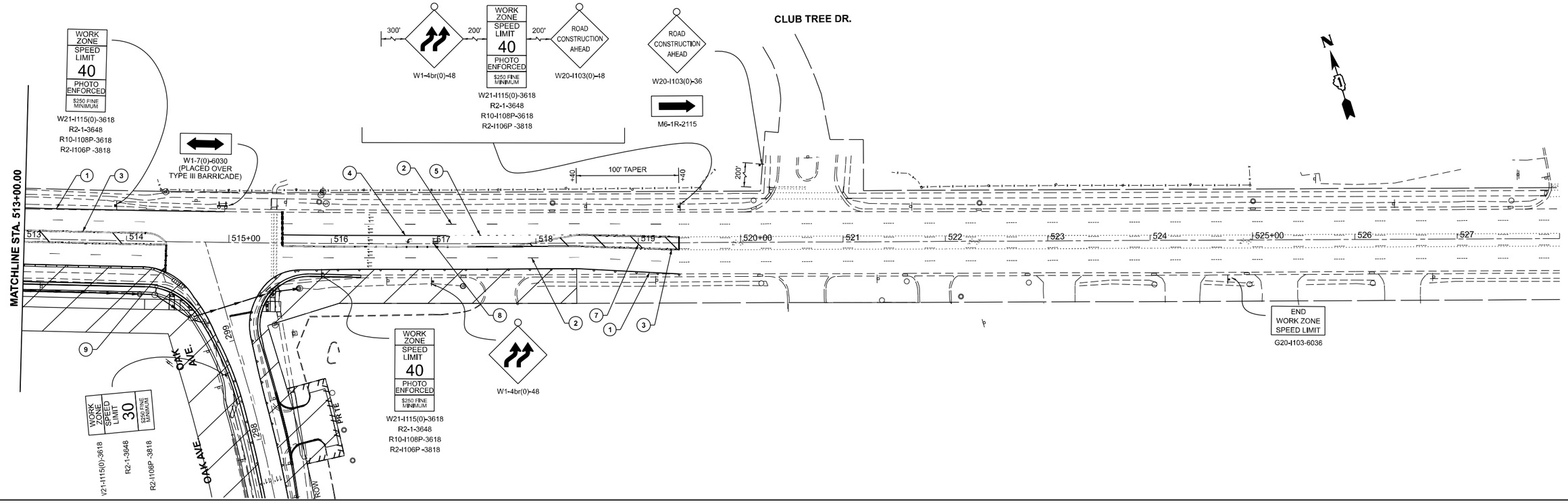
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	DRAWN -	REVISED -
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PLOT DATE = 2/3/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGE 1 MAINTENANCE OF TRAFFIC
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: 1"=50' | SHEET 5 OF 13 SHEETS | STA. 483+00.00 | TO STA. 513+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	31
		CONTRACT NO. 62P51		
	ILLINOIS	FED. AID PROJECT		



LEGEND

- WORK AREA
- SIGN
- TYPE III BARRICADE WITH FLASHING MONODIRECTIONAL LIGHTS
- TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT OR WITH STEADY BURN BI-DIRECTIONAL LIGHTS FOR TWO-LANE, TWO-WAY SECTIONS; TO BE PLACED AT 50' CENTERS IN TANGENTS, 20' CENTERS IN TAPER, AND 10' CENTERS IN RADII/CURVES
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
  IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3

1. TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, SOLID WHITE EDGELINE (TYP.)
2. TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, SKIP-DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.)
3. TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.)
4. TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE, SOLID WHITE TURN LANE LINE (TYP.)
5. TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE, DOTTED WHITE LINE, 2' DASH - 6' SKIP (TYP.)
6. TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, SKIP-DASH YELLOW CENTERLINE, 10' DASH - 30' SKIP (TYP.)
7. TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE, SOLID YELLOW DIAGONAL LINE (TYP.)
8. TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE, SOLID WHITE (TYP.)
9. TEMPORARY PAVEMENT MARKING - LINE 24"- TYPE IV TAPE, SOLID WHITE STOP BAR (TYP.)

NOTES:

1. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTIES AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
2. THE ENDS OF THE TEMPORARY CONCRETE BARRIER SHALL HAVE A TAPER OF 12:1 AT A MINIMUM WHEN THE SPEED LIMIT IS ≥ 45 MPH AND 8:1 WHEN THE SPEED LIMIT IS < 45 MPH. THE IMPACT ATTENUATORS SHALL BE OFFSET FROM THE EDGE OF THE TRAVEL LANE.

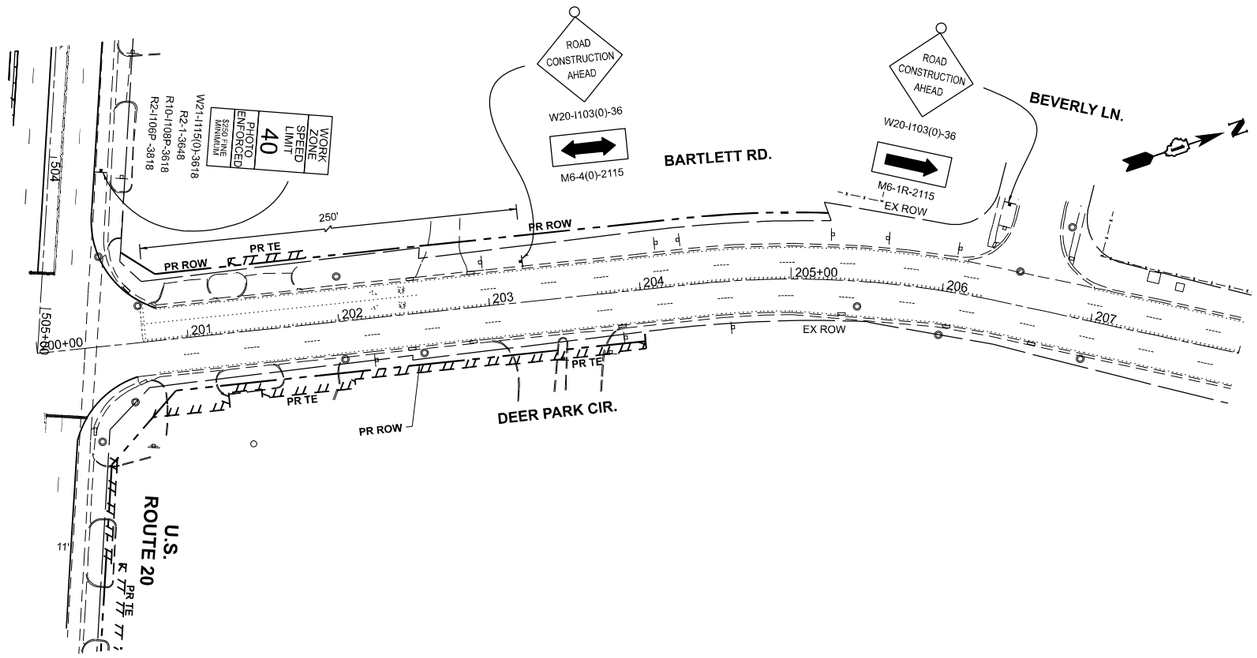
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	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 2/3/2026	DATE -	REVISED -	

SUGGESTED STAGE 1 MAINTENANCE OF TRAFFIC
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

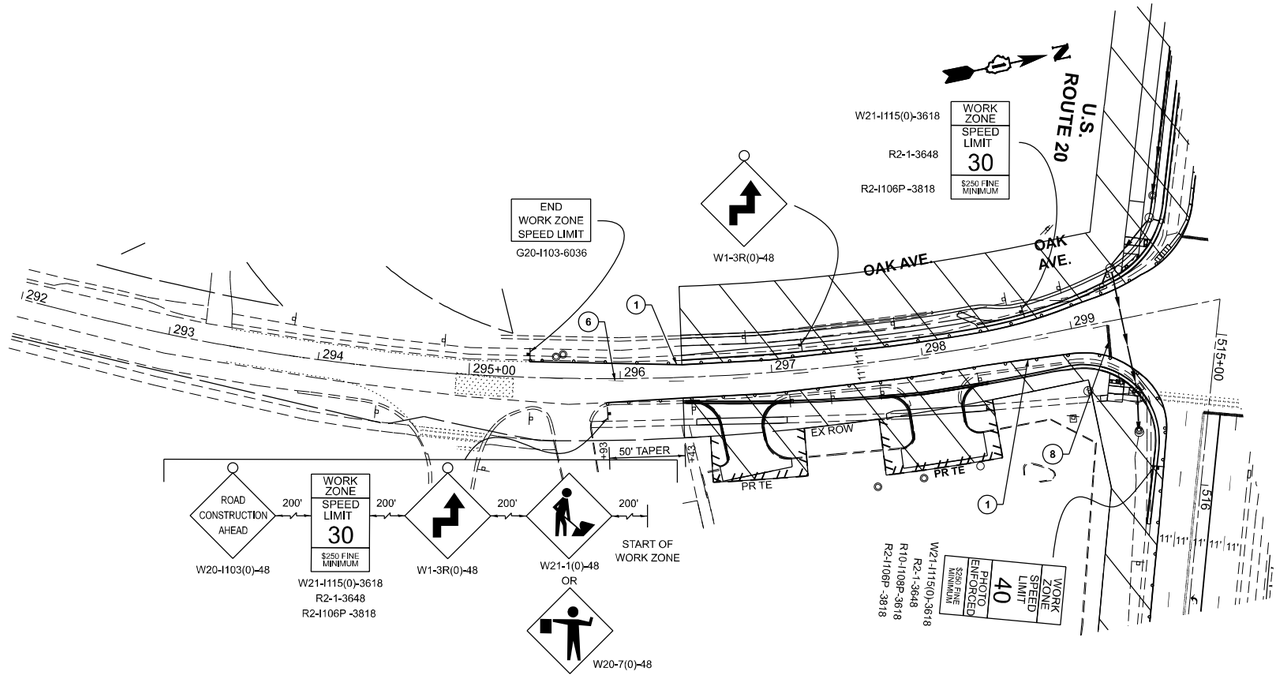
SCALE: 1"=50' | SHEET 6 OF 13 SHEETS | STA. 513+00.00 | TO STA. 528+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	32
		CONTRACT NO. 62P51		
	ILLINOIS	FED. AID PROJECT		



LEGEND

- WORK AREA
- SIGN
- TYPE III BARRICADE WITH FLASHING MONODIRECTIONAL LIGHTS
- TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT OR WITH STEADY BURN BI-DIRECTIONAL LIGHTS FOR TWO-LANE, TWO-WAY SECTIONS: TO BE PLACED AT 50' CENTERS IN TANGENTS, 20' CENTERS IN TAPER, AND 10' CENTERS IN RADII/CURVES
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
  IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- (1) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, SOLID WHITE EDGELINE (TYP.)
- (2) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, SKIP-DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.)
- (3) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.)
- (4) TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE, SOLID WHITE TURN LANE LINE (TYP.)
- (5) TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE, DOTTED WHITE LINE, 2' DASH - 6' SKIP (TYP.)
- (6) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, SKIP-DASH YELLOW CENTERLINE, 10' DASH - 30' SKIP (TYP.)
- (7) TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE, SOLID YELLOW DIAGONAL LINE (TYP.)
- (8) TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE, SOLID WHITE (TYP.)
- (9) TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE, SOLID WHITE STOP BAR (TYP.)



NOTES:

1. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTIES AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
2. SIGNS W21-1(0)-48 AND W20-7(0)-48 SHALL BE REMOVED OR COVERED WHEN WORKERS ARE NOT PRESENT.
3. THE ENDS OF THE TEMPORARY CONCRETE BARRIER SHALL HAVE A TAPER OF 12:1 AT A MINIMUM WHEN THE SPEED LIMIT IS ≥ 45 MPH AND 8:1 WHEN THE SPEED LIMIT IS < 45 MPH. THE IMPACT ATTENUATORS SHALL BE OFFSET FROM THE EDGE OF THE TRAVEL LANE.

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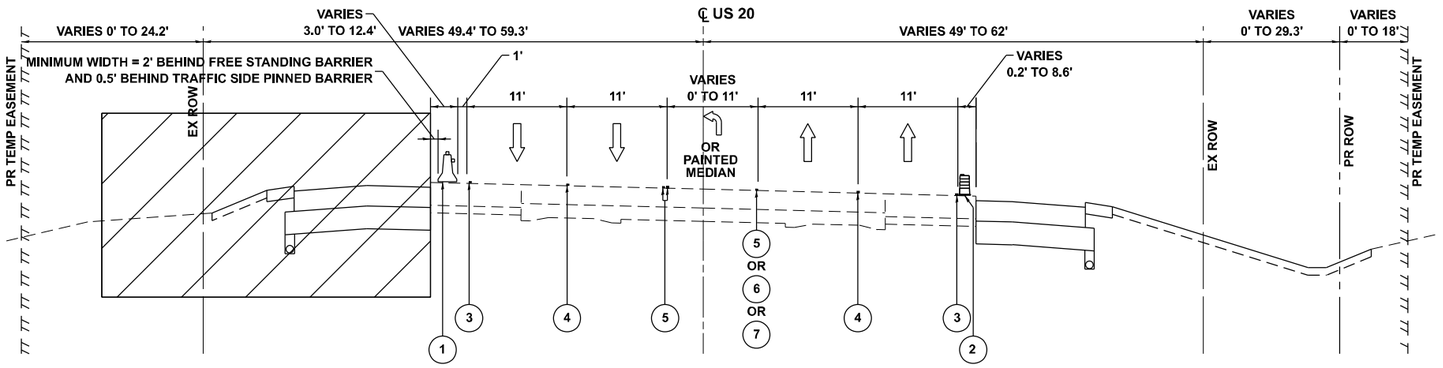
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PLOT DATE = 2/3/2026	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGE 1 MAINTENANCE OF TRAFFIC
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: 1"=50' | SHEET 7 OF 13 SHEETS | STA. 200+00.00 | TO STA. 208+00.00

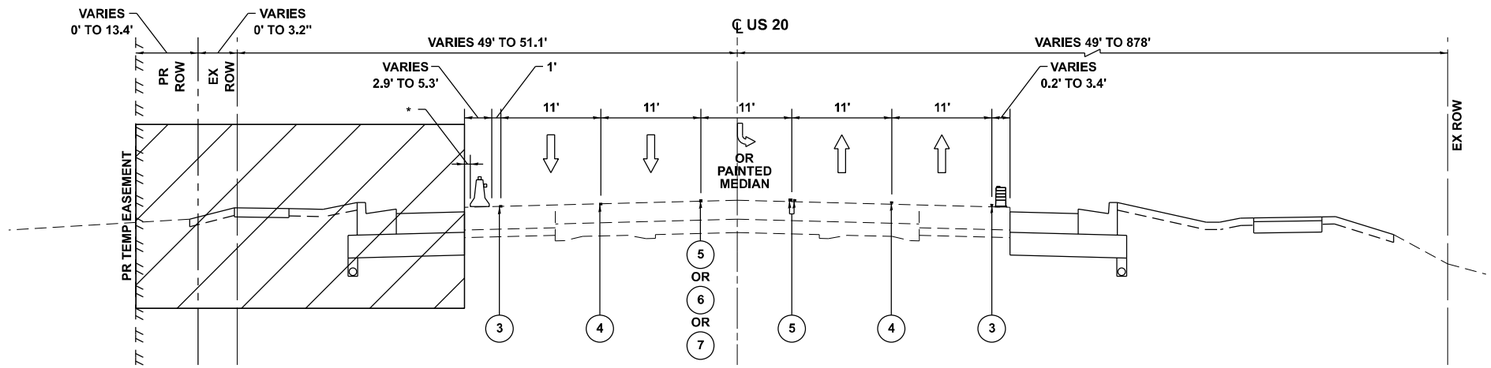
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	33
		CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			



US 20 (LAKE ST.)

STAGE 2 TYPICAL SECTION

STA. 490+23 TO STA. 504+06



* MINIMUM WIDTH = 2' BEHIND FREE STANDING BARRIER AND 0.5' BEHIND TRAFFIC SIDE PINNED BARRIER

US 20 (LAKE ST.)

STAGE 2 TYPICAL SECTION

STA. 504+06 TO STA. 516+29

LEGEND:

- DIRECTION OF TRAFFIC
- WORK AREA
- (1) TEMPORARY CONCRETE BARRIER W/ MONO-DIRECTIONAL CRYSTAL TYPE C REFLECTORS PER HIGHWAY STANDARDS 704001 AND 782006
- (2) TYPE II BARRICADE OR DRUM
- (3) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, SOLID WHITE EDGELINE
- (4) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, SKIP-DASH WHITE LANE LINE, 10' DASH - 30' SKIP
- (5) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C
- (6) TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE, SOLID WHITE TURN LANE LINE
- (7) TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE, DOTTED WHITE LINE, 2' DASH - 6' SKIP
- (8) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, SKIP-DASH YELLOW CENTERLINE, 10' DASH - 30' SKIP

NOTES:

1. WHEN WORKING ADJACENT TO THE ROAD AND UTILIZING DAILY LANE CLOSURES, DROP-OFFS ADJACENT TO THE TRAVEL LANES SHALL BE KEPT TO A MINIMUM. PROTECTION OF THE DROP-OFF SHALL BE ACCORDING TO THE IDOT BUREAU OF SAFETY PROGRAMS AND ENGINEERING, SAFETY ENGINEERING POLICY MEMORANDUM 4-21. DROP-OFFS GREATER THAN THE SPECIFIED MAXIMUM DROP-OFF DEPTH SHOWN IN TABLE 2, CONDITION II OF THE SAFETY 4-21 POLICY WILL NOT BE ALLOWED AT LOCATIONS WHERE THE DROP-OFF IS LOCATED WITHIN 8 FT OF THE EDGE OF THE NEAREST OPEN TRAFFIC LANE. THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE EXCAVATION REQUIRED FOR THE CONSTRUCTION DURING THE TIME THAT THE ADJACENT LANE IS CLOSED. AS NOTED ABOVE, PRIOR TO REOPENING THE LANE TO TRAFFIC, THE CONTRACTOR SHALL PLACE SUFFICIENT MATERIAL TO REDUCE THE DROP-OFF TO LESS THAN THE SPECIFIED MAXIMUM DROP-OFF DEPTH SHOWN IN TABLE 2, CONDITION II OF THE SAFETY 4-21 POLICY AND ENSURE THAT THE DROP-OFF AREAS MEET THE OFFSET, HEIGHT, AND DURATION REQUIREMENTS TO USE BARRICADES/DRUMS AT THE END OF EACH WORKDAY. THE CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE THE AMOUNT OF WORK THAT CAN BE COMPLETED WITHIN THE TIME OF THE DAILY LANE CLOSURE. IF THE ABOVE REQUIREMENTS CAN'T BE MET, AND IT IS DETERMINED THAT OVERNIGHT LANE CLOSURES AND/OR TEMPORARY CONCRETE BARRIER WALL INSTALLATION WILL BE NECESSARY, THEN IDOT WRITTEN APPROVAL WILL BE REQUIRED PRIOR TO THE INSTALLATION OF THESE ITEMS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED TO COMPLY WITH THIS REQUIREMENT. WHERE POSITIVE PROTECTION (TEMPORARY CONCRETE BARRIER PER STD. 704001) IS PROVIDED, THIS REQUIREMENT IS NULLIFIED.
2. TEMPORARY CONCRETE BARRIER SHALL BE TRAFFIC SIDE PINNED FROM STA. 493+67 TO STA. 497+05, LT AND STA. 508+55 TO STA. 514+30, LT.

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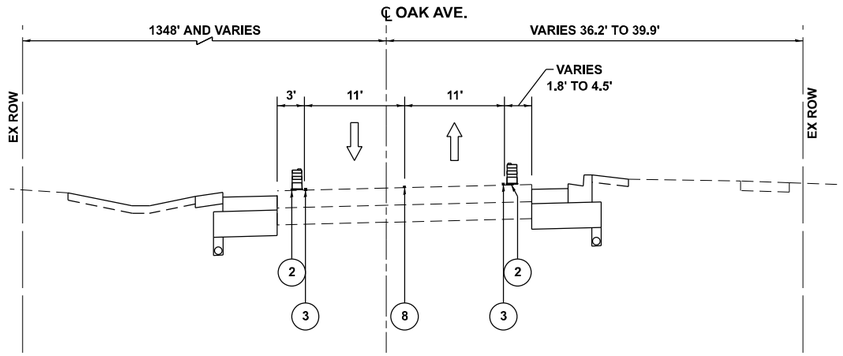
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PLOT DATE = 2/3/2026	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGE 2 TYPICAL SECTIONS
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: | SHEET 8 OF 13 SHEETS | STA. | TO STA.

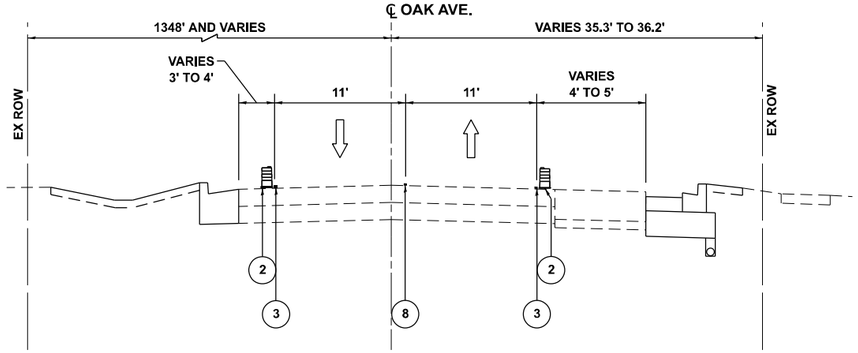
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	34
		CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			



OAK AVE.

STAGE 2 TYPICAL SECTION

STA. 296+41 TO STA. 298+39



OAK AVE.

STAGE 2 TYPICAL SECTION

STA. 298+39 TO STA. 299+40

LEGEND:

- DIRECTION OF TRAFFIC
- WORK AREA
- (1) TEMPORARY CONCRETE BARRIER W/ MONO-DIRECTIONAL CRYSTAL TYPE C REFLECTORS PER HIGHWAY STANDARDS 704001 AND 782006
- (2) TYPE II BARRICADE OR DRUM
- (3) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, SOLID WHITE EDGELINE
- (4) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, SKIP-DASH WHITE LANE LINE, 10' DASH - 30' SKIP
- (5) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C
- (6) TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE, SOLID WHITE TURN LANE LINE
- (7) TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE, DOTTED WHITE LINE, 2' DASH - 6' SKIP
- (8) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, SKIP-DASH YELLOW CENTERLINE, 10' DASH - 30' SKIP

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

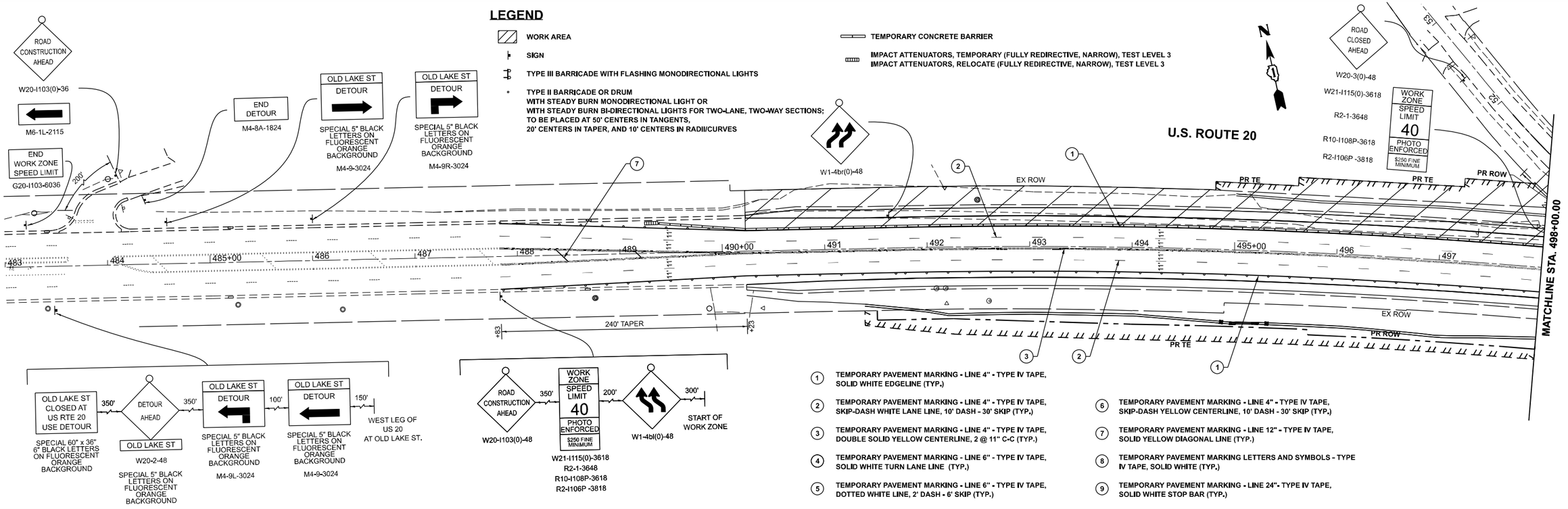
SUGGESTED STAGE 2 TYPICAL SECTIONS
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: | SHEET 9 OF 13 SHEETS | STA. | TO STA.

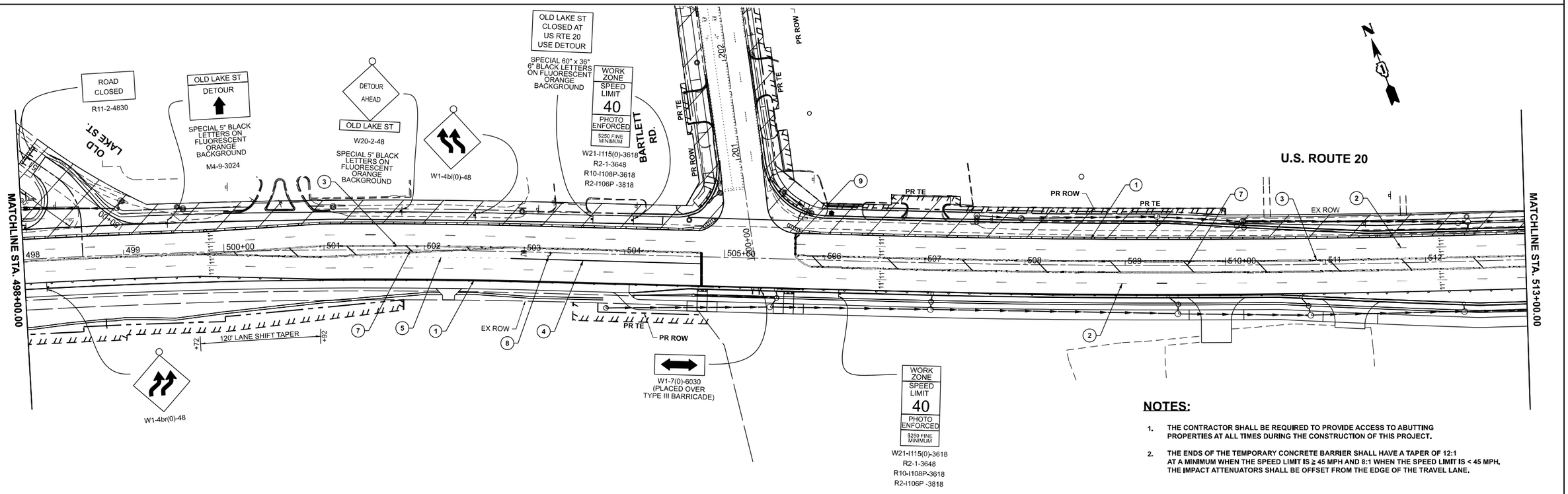
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345	2021-133-N	COOK	141	35
		CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			

LEGEND

- WORK AREA
- SIGN
- TYPE III BARRICADE WITH FLASHING MONODIRECTIONAL LIGHTS
- TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT OR WITH STEADY BURN BI-DIRECTIONAL LIGHTS FOR TWO-LANE, TWO-WAY SECTIONS: TO BE PLACED AT 50' CENTERS IN TANGENTS, 20' CENTERS IN TAPER, AND 10' CENTERS IN RADII/CURVES
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3



1. TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, SOLID WHITE EDGELINE (TYP.)
2. TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, SKIP-DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.)
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4. TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE, SOLID WHITE TURN LANE LINE (TYP.)
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6. TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, SKIP-DASH YELLOW CENTERLINE, 10' DASH - 30' SKIP (TYP.)
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8. TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE, SOLID WHITE (TYP.)
9. TEMPORARY PAVEMENT MARKING - LINE 24"- TYPE IV TAPE, SOLID WHITE STOP BAR (TYP.)



NOTES:

1. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTIES AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
2. THE ENDS OF THE TEMPORARY CONCRETE BARRIER SHALL HAVE A TAPER OF 12:1 AT A MINIMUM WHEN THE SPEED LIMIT IS ≥ 45 MPH AND 8:1 WHEN THE SPEED LIMIT IS < 45 MPH. THE IMPACT ATTENUATORS SHALL BE OFFSET FROM THE EDGE OF THE TRAVEL LANE.

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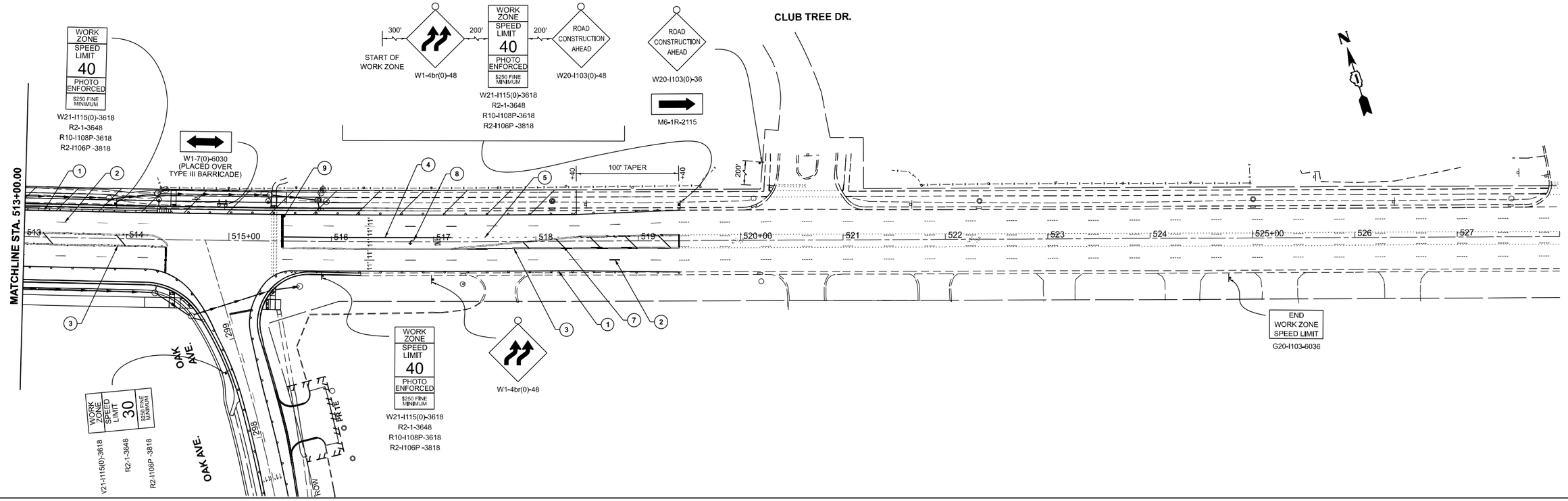
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PLOT DATE = 2/3/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGE 2 MAINTENANCE OF TRAFFIC
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: 1"=50' | SHEET 10 OF 13 SHEETS | STA. 483+00.00 | TO STA. 513+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	36
		CONTRACT NO. 62P51		
		ILLINOIS	FED. AID PROJECT	



LEGEND

- WORK AREA
- SIGN
- TYPE III BARRICADE WITH FLASHING MONODIRECTIONAL LIGHTS
- TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT OR WITH STEADY BURN BI-DIRECTIONAL LIGHTS FOR TWO-LANE, TWO-WAY SECTIONS; TO BE PLACED AT 50' CENTERS IN TANGENTS, 20' CENTERS IN TAPER, AND 10' CENTERS IN RADII/CURVES
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
  IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3

1. TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, SOLID WHITE EDGELINE (TYP.)
2. TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, SKIP-DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.)
3. TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.)
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NOTES:

1. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTIES AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
2. THE ENDS OF THE TEMPORARY CONCRETE BARRIER SHALL HAVE A TAPER OF 12:1 AT A MINIMUM WHEN THE SPEED LIMIT IS ≥ 45 MPH AND 8:1 WHEN THE SPEED LIMIT IS < 45 MPH. THE IMPACT ATTENUATORS SHALL BE OFFSET FROM THE EDGE OF THE TRAVEL LANE.

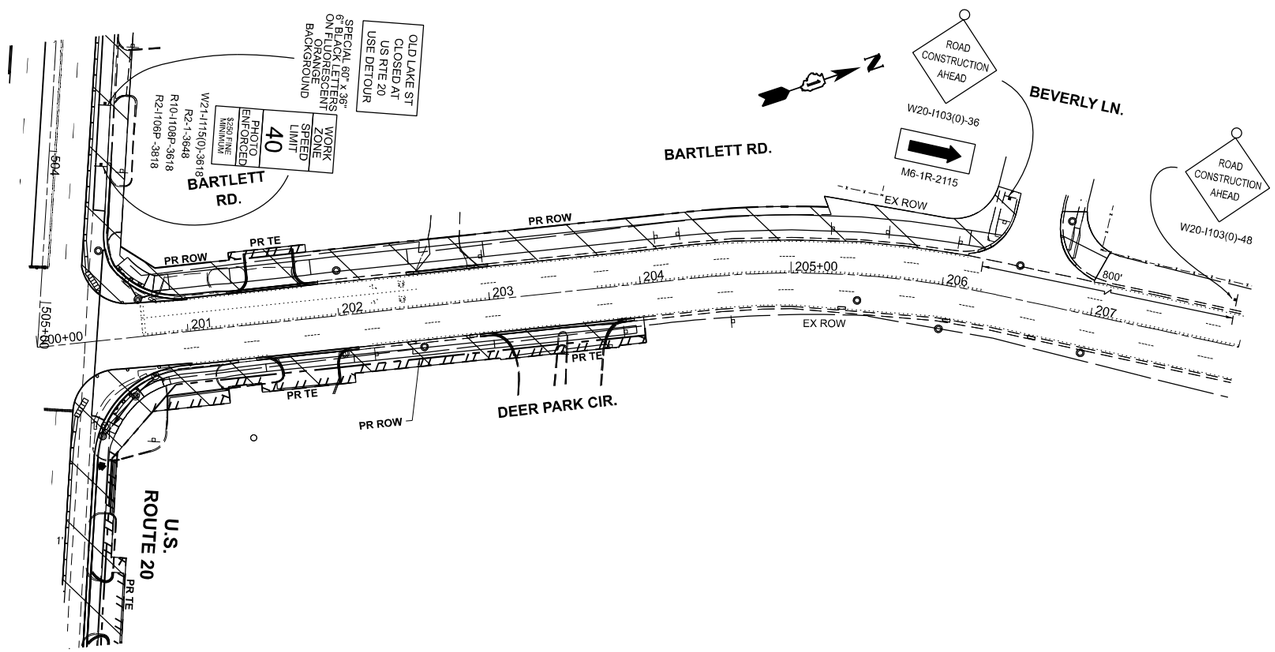
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	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 2/3/2026	DATE -	REVISED -	

SUGGESTED STAGE 2 MAINTENANCE OF TRAFFIC
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

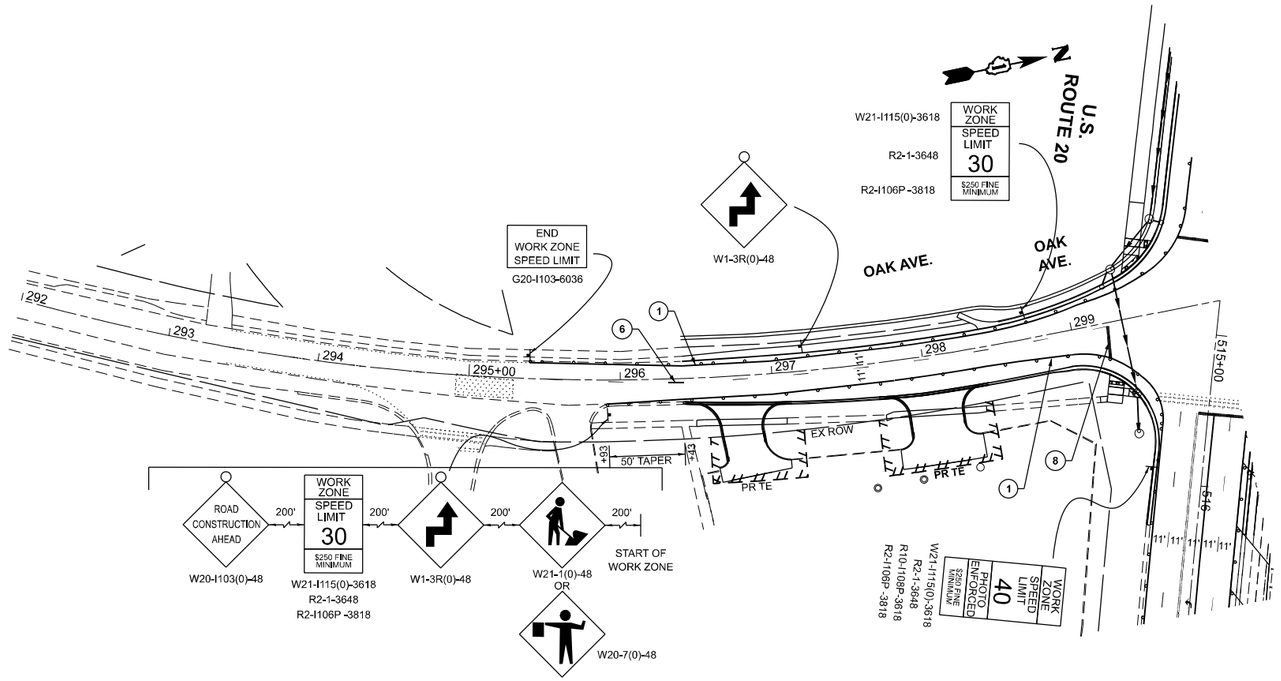
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	37
		CONTRACT NO. 62P51		
		ILLINOIS	FED. AID PROJECT	



LEGEND

- WORK AREA
- SIGN
- TYPE III BARRICADE WITH FLASHING MONODIRECTIONAL LIGHTS
- TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT OR WITH STEADY BURN BI-DIRECTIONAL LIGHTS FOR TWO-LANE, TWO-WAY SECTIONS: TO BE PLACED AT 50' CENTERS IN TANGENTS, 20' CENTERS IN TAPER, AND 10' CENTERS IN RADII/CURVES
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
  IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- (1) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, SOLID WHITE EDGELINE (TYP.)
- (2) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, SKIP-DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.)
- (3) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.)
- (4) TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE, SOLID WHITE TURN LANE LINE (TYP.)
- (5) TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE, DOTTED WHITE LINE, 2' DASH - 6' SKIP (TYP.)
- (6) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, SKIP-DASH YELLOW CENTERLINE, 10' DASH - 30' SKIP (TYP.)
- (7) TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE, SOLID YELLOW DIAGONAL LINE (TYP.)
- (8) TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE, SOLID WHITE (TYP.)
- (9) TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE, SOLID WHITE STOP BAR (TYP.)



NOTES:

1. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTIES AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
2. SIGNS W21-1(0)-48 AND W20-7(0)-48 SHALL BE REMOVED OR COVERED WHEN WORKERS ARE NOT PRESENT.
3. THE ENDS OF THE TEMPORARY CONCRETE BARRIER SHALL HAVE A TAPER OF 12:1 AT A MINIMUM WHEN THE SPEED LIMIT IS ≥ 45 MPH AND 8:1 WHEN THE SPEED LIMIT IS < 45 MPH. THE IMPACT ATTENUATORS SHALL BE OFFSET FROM THE EDGE OF THE TRAVEL LANE.

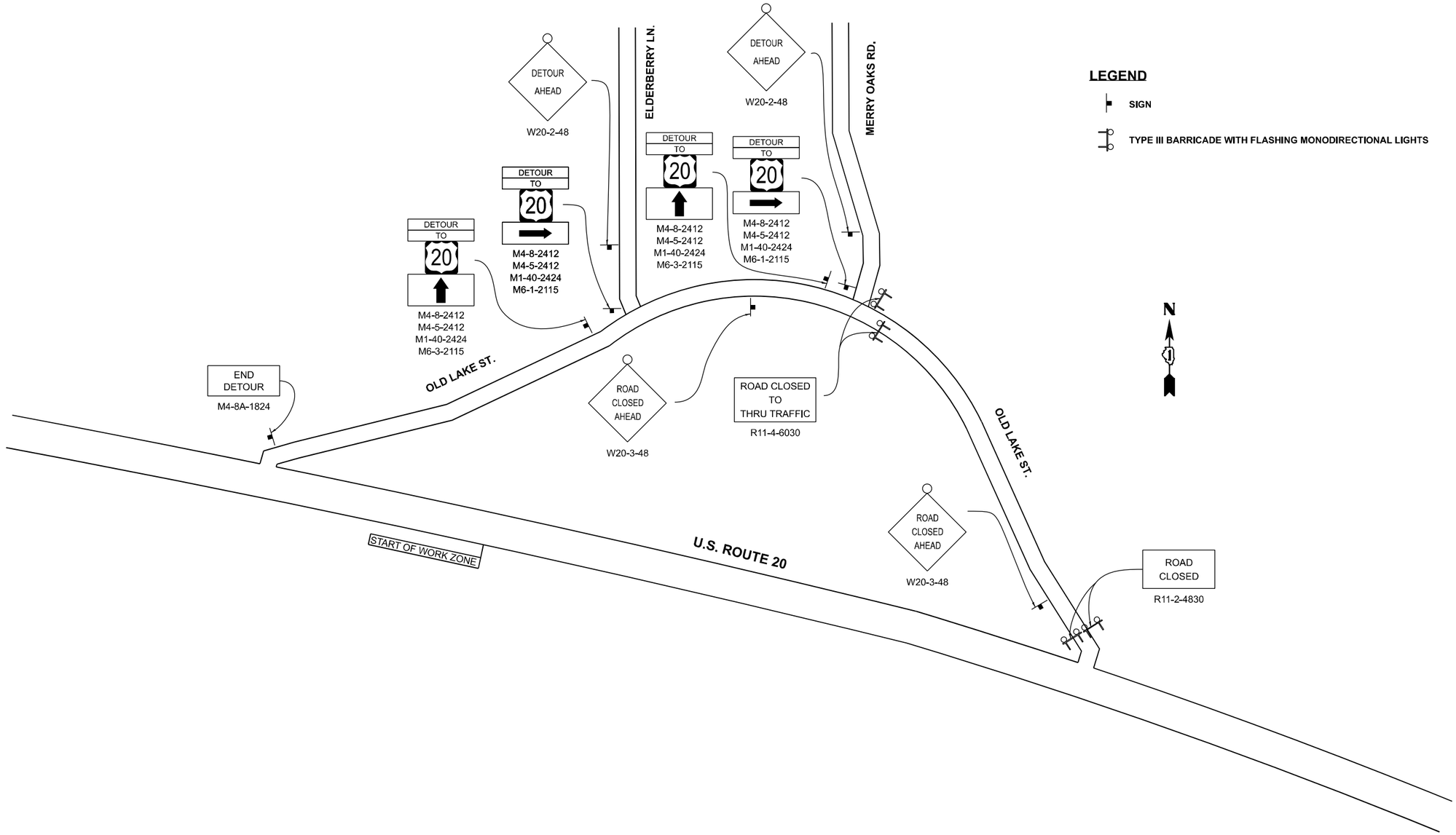
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	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 2/3/2026	DATE -	REVISED -	

SUGGESTED STAGE 2 MAINTENANCE OF TRAFFIC
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: 1"=50' | SHEET 12 OF 13 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	38
		CONTRACT NO. 62P51		
	ILLINOIS	FED. AID PROJECT		



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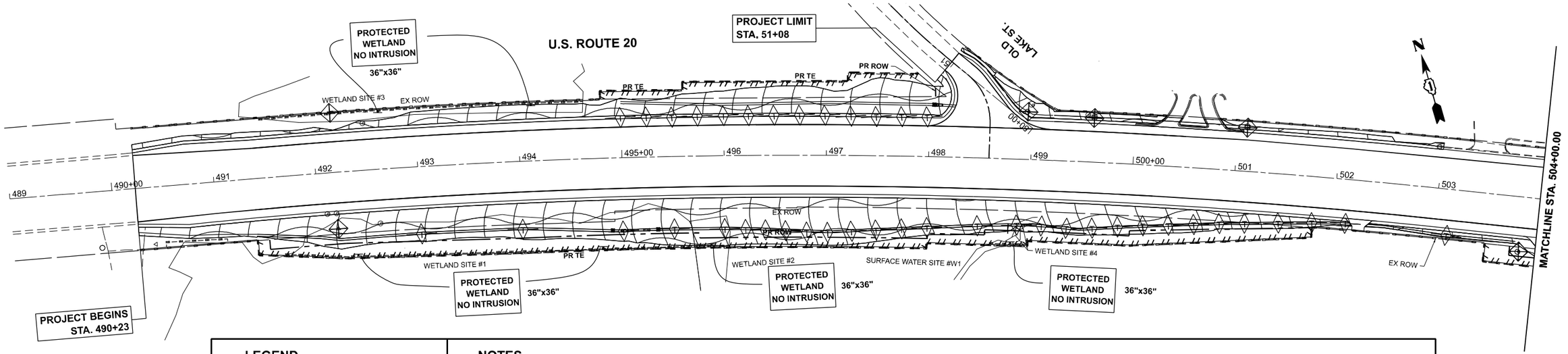
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 2/3/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OLD LAKE ST. DETOUR PLAN
US 20 (LAKE ST,) AT OAK AVE. AND BARTLETT RD.

SCALE: | SHEET 13 OF 13 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	39
		CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			

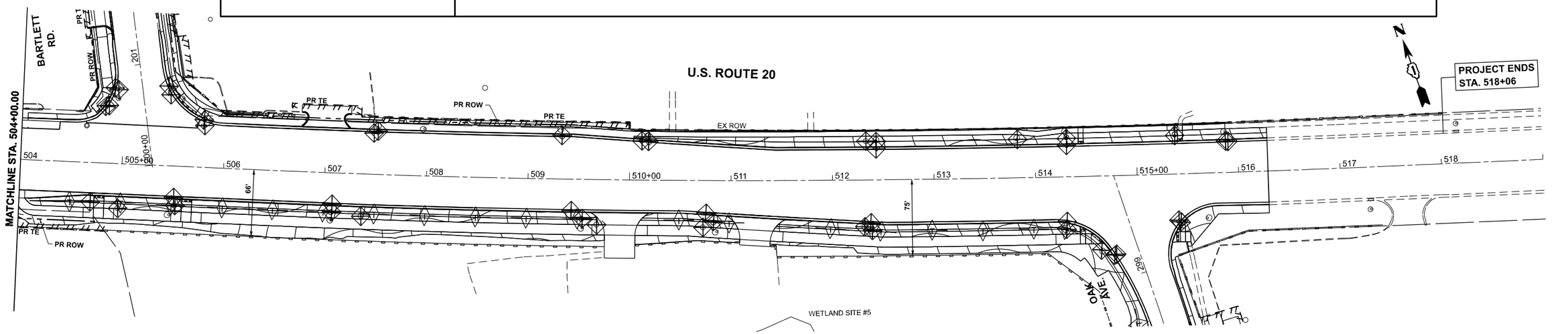


LEGEND

- TEMPORARY FENCE
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET FILTER OR INLET AND PIPE PROTECTION
- TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2

NOTES

1. ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS, APPLICABLE STATE STANDARDS, AND IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR THE ENTIRE DURATION OF THE CONTRACT OR UNTIL SUCH TIME AS DIRECTED BY THE ENGINEER.
2. EROSION CONTROL ITEMS ARE CONSIDERED TO BE HIGH PRIORITY ITEMS ON THIS CONTRACT. THE ENGINEER WILL IMPLEMENT ALL PROVISIONS OF THE SPECIFICATION NECESSARY TO ASSURE THAT EROSION CONTROL ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY WAY. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE BEGINNING OF ANY CONSTRUCTION ACTIVITIES WHICH POTENTIALLY CREATE ERODIBLE CONDITIONS.
3. PERIMETER EROSION BARRIER SHALL BE PLACED 1' FROM THE EXISTING R.O.W. LINE, PROPOSED R.O.W. LINE, OR TEMPORARY EASEMENT UNLESS OTHERWISE SHOWN OR AS DIRECTED OTHERWISE BY THE ENGINEER.
4. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN INLET PROTECTION AT LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. INLET PROTECTION SHALL BE PLACED IMMEDIATELY AFTER THE AREA INVOLVED HAS BEEN DISTURBED.
5. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS, THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCIDENTAL.
6. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED IMMEDIATELY UPON COMPLETION OF DISTURBANCE OR IF THE WORK AREA IS TO BE LEFT UNDISTURBED FOR 14 DAYS OR MORE. TEMPORARY EROSION CONTROL SEEDING SHALL BE USED FOR TEMPORARY STABILIZATION.
7. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.
8. THE CONTRACTOR SHALL ATTACH AN ALUMINUM SIGN WITH THE FOLLOWING TEXT: PROTECTED WETLAND – NO INTRUSION. THE SIGN(S) SHALL BE ATTACHED TO THE STAKES BY A METHOD APPROVED BY THE ENGINEER. THE SIGN(S) WILL BE PROVIDED BY THE DEPARTMENT AND SHALL BE PICKED UP BY THE CONTRACTOR FROM THE DISTRICT ONE ROADSIDE DEVELOPMENT ARCHITECT IN SCHAUMBURG, ILLINOIS. SCHEDULING THE PICKUP OF THE SIGNS CAN BE ARRANGED BY CONTACTING THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT AT 847.705.4171. WHEN WORK HAS BEEN COMPLETED, THE SIGN SHALL BE RETURNED TO THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT. THE COST OF PICKING UP, ATTACHING THE SIGNS TO THE TEMPORARY FENCE STAKES AND RETURNING THE SIGNS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY FENCE, THE CONTRACTOR SHALL INCLUDE TEMPORARY FENCING AND WETLAND SIGNAGE WITHIN THE EROSION AND SEDIMENT CONTROL STRATEGY.
9. THE CONTRACTOR SHALL UTILIZE THE GENERAL MAINTENANCE GUIDELINES AS OUTLINED IN THE SWPPP TO ENSURE GOOD AND EFFECTIVE OPERATING CONDITION OF THE VEGETATION AND EROSION AND SEDIMENT CONTROL MEASURES.
10. INLET FILTERS SHALL BE PLACED ON EXISTING AND PROPOSED DRAINAGE STRUCTURES WITH OPEN LIDS WITHIN THE PROJECT LIMITS AS SHOWN.



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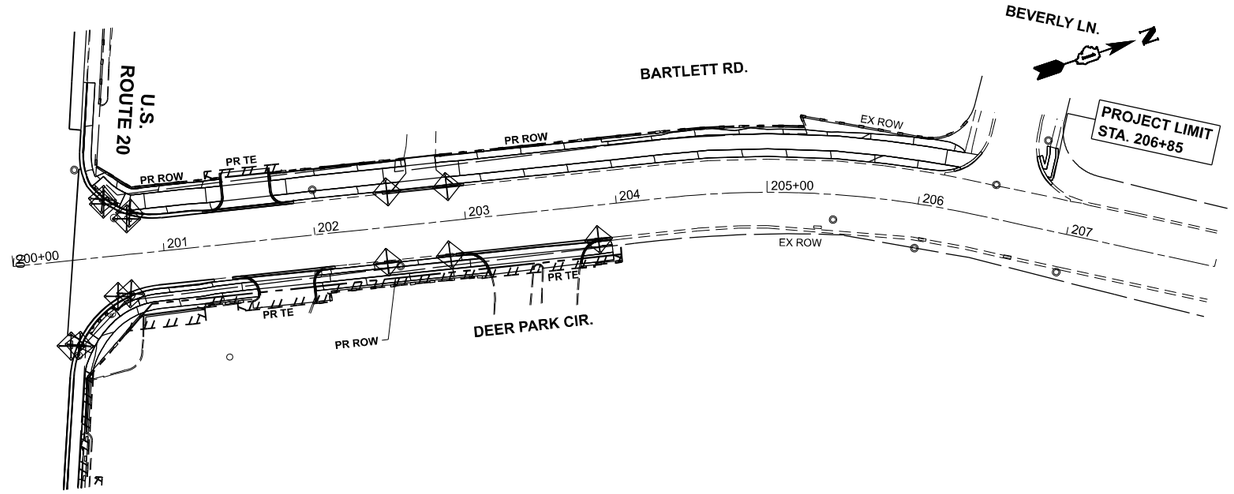
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PLOT DATE = 2/18/2026	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: 1"=50' | SHEET 1 OF 2 SHEETS | STA. 489+00.00 | TO STA. 519+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	40
		CONTRACT NO. 62P51		
		ILLINOIS	FED. AID PROJECT	

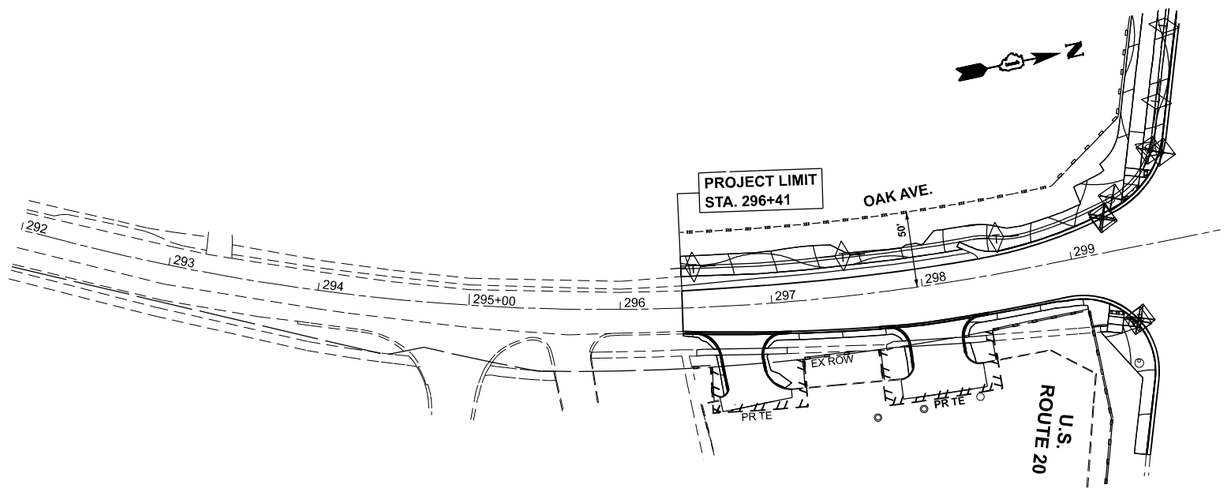


LEGEND

- TEMPORARY FENCE
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET FILTER OR INLET AND PIPE PROTECTION
- TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2

NOTES

1. ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS, APPLICABLE STATE STANDARDS, AND IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR THE ENTIRE DURATION OF THE CONTRACT OR UNTIL SUCH TIME AS DIRECTED BY THE ENGINEER.
2. EROSION CONTROL ITEMS ARE CONSIDERED TO BE HIGH PRIORITY ITEMS ON THIS CONTRACT. THE ENGINEER WILL IMPLEMENT ALL PROVISIONS OF THE SPECIFICATION NECESSARY TO ASSURE THAT EROSION CONTROL ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY WAY. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE BEGINNING OF ANY CONSTRUCTION ACTIVITIES WHICH POTENTIALLY CREATE ERODIBLE CONDITIONS.
3. PERIMETER EROSION BARRIER SHALL BE PLACED 1' FROM THE EXISTING R.O.W. LINE, PROPOSED R.O.W. LINE, OR TEMPORARY EASEMENT UNLESS OTHERWISE SHOWN OR AS DIRECTED OTHERWISE BY THE ENGINEER.
4. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN INLET PROTECTION AT LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. INLET PROTECTION SHALL BE PLACED IMMEDIATELY AFTER THE AREA INVOLVED HAS BEEN DISTURBED.
5. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCIDENTAL.
6. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED IMMEDIATELY UPON COMPLETION OF DISTURBANCE OR IF THE WORK AREA IS TO BE LEFT UNDISTURBED FOR 14 DAYS OR MORE. TEMPORARY EROSION CONTROL SEEDING SHALL BE USED FOR TEMPORARY STABILIZATION.
7. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.
8. THE CONTRACTOR SHALL ATTACH AN ALUMINUM SIGN WITH THE FOLLOWING TEXT: PROTECTED WETLAND – NO INTRUSION. THE SIGN(S) SHALL BE ATTACHED TO THE STAKES BY A METHOD APPROVED BY THE ENGINEER. THE SIGN(S) WILL BE PROVIDED BY THE DEPARTMENT AND SHALL BE PICKED UP BY THE CONTRACTOR FROM THE DISTRICT ONE ROADSIDE DEVELOPMENT ARCHITECT IN SCHAUMBURG, ILLINOIS. SCHEDULING THE PICKUP OF THE SIGNS CAN BE ARRANGED BY CONTACTING THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT AT 847.705.4171. WHEN WORK HAS BEEN COMPLETED, THE SIGN SHALL BE RETURNED TO THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT. THE COST OF PICKING UP, ATTACHING THE SIGNS TO THE TEMPORARY FENCE STAKES AND RETURNING THE SIGNS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY FENCE. THE CONTRACTOR SHALL INCLUDE TEMPORARY FENCING AND WETLAND SIGNAGE WITHIN THE EROSION AND SEDIMENT CONTROL STRATEGY.
9. THE CONTRACTOR SHALL UTILIZE THE GENERAL MAINTENANCE GUIDELINES AS OUTLINED IN THE SWPPP TO ENSURE GOOD AND EFFECTIVE OPERATING CONDITION OF THE VEGETATION AND EROSION AND SEDIMENT CONTROL MEASURES.
10. INLET FILTERS SHALL BE PLACED ON EXISTING AND PROPOSED DRAINAGE STRUCTURES WITH OPEN LIDS WITHIN THE PROJECT LIMITS AS SHOWN.



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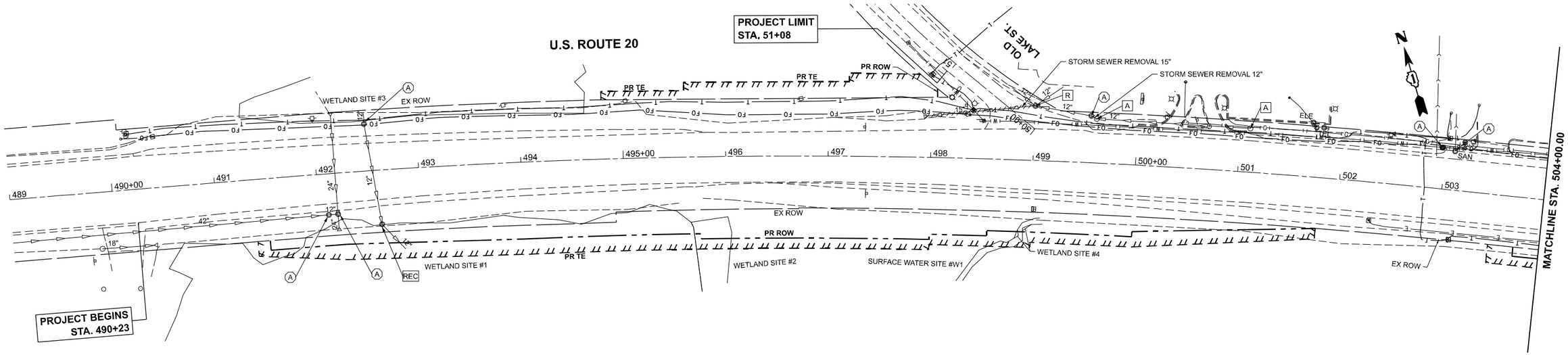
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

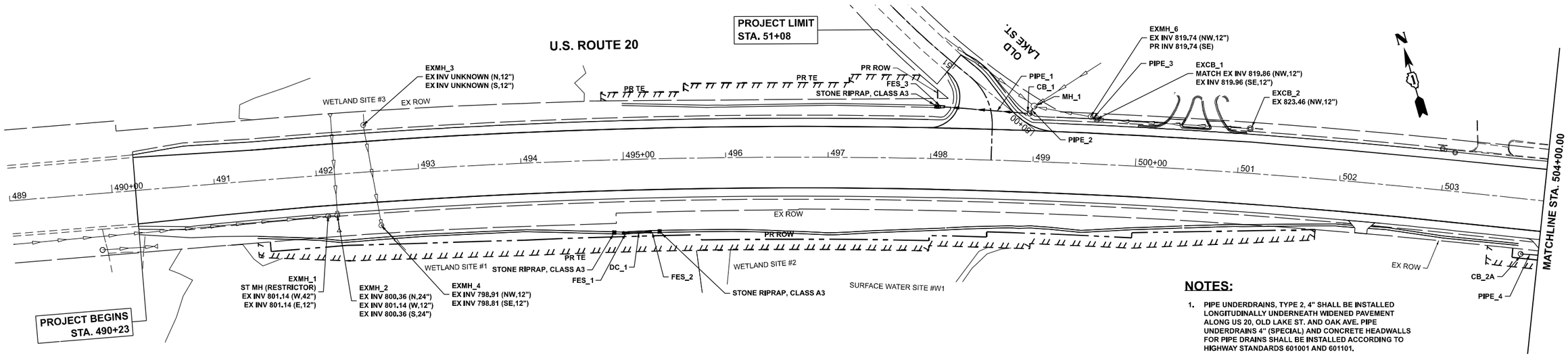
EROSION AND SEDIMENT CONTROL PLAN
US 20 (LAKE ST.,) AT OAK AVE. AND BARTLETT RD.

SCALE: 1"=50' | SHEET 2 OF 2 SHEETS | STA. 199+97.62 | TO STA. 207+97.62

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	41
		CONTRACT NO. 62P51		
	ILLINOIS	FED. AID PROJECT		



EXISTING



PROPOSED

NOTES:

1. 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.

2. 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.

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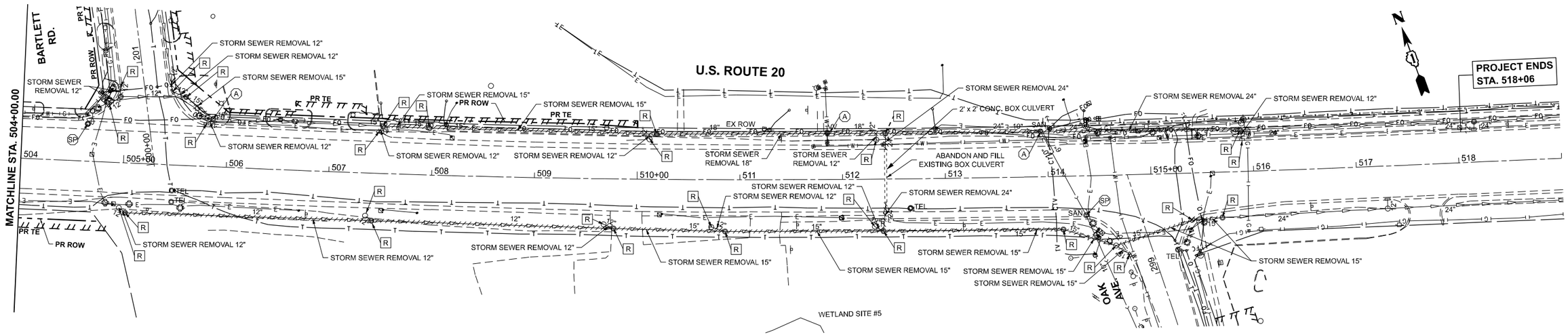
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

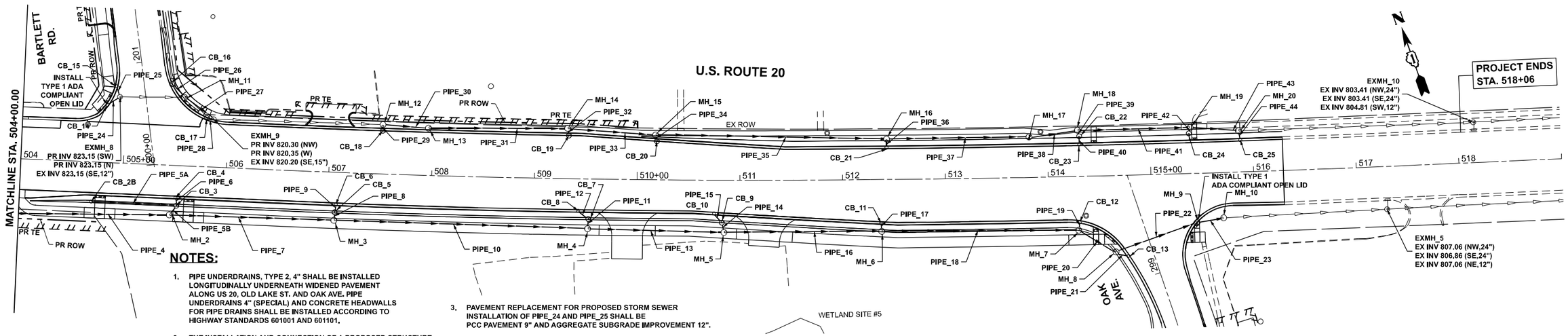
EXISTING AND PROPOSED DRAINAGE PLAN
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: 1"=50' | SHEET 1 OF 9 SHEETS | STA. 489+00.00 TO STA. 504+00.00

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



EXISTING



PROPOSED

NOTES:

1. 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.
2. 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.
3. PAVEMENT REPLACEMENT FOR PROPOSED STORM SEWER INSTALLATION OF PIPE_24 AND PIPE_25 SHALL BE PCC PAVEMENT 9" AND AGGREGATE SUBGRADE IMPROVEMENT 12".

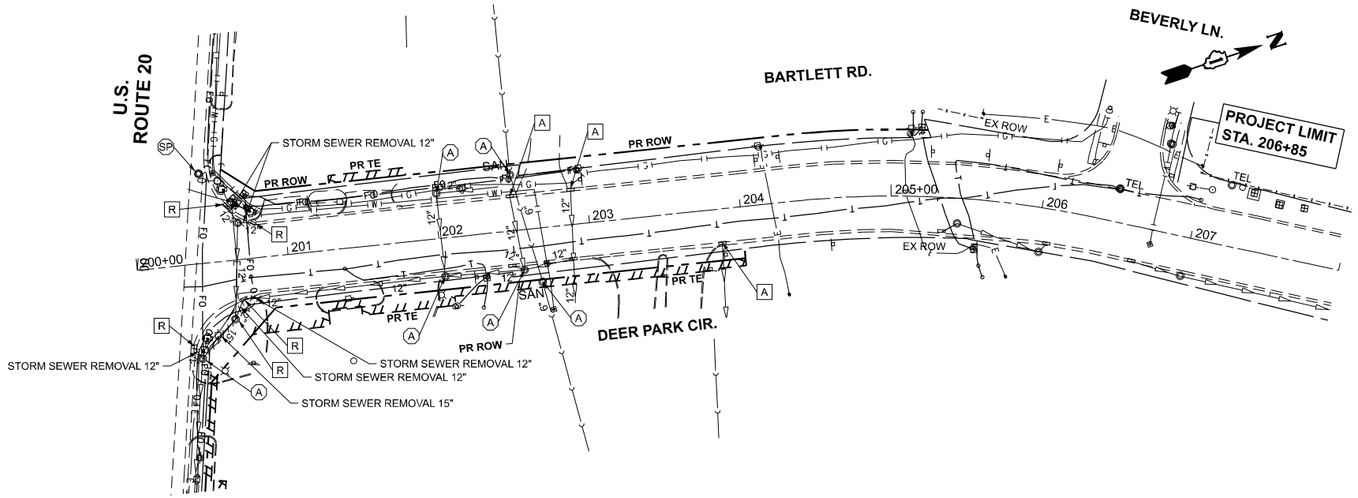
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PLOT DATE = 2/3/2026	DATE -	REVISED -	

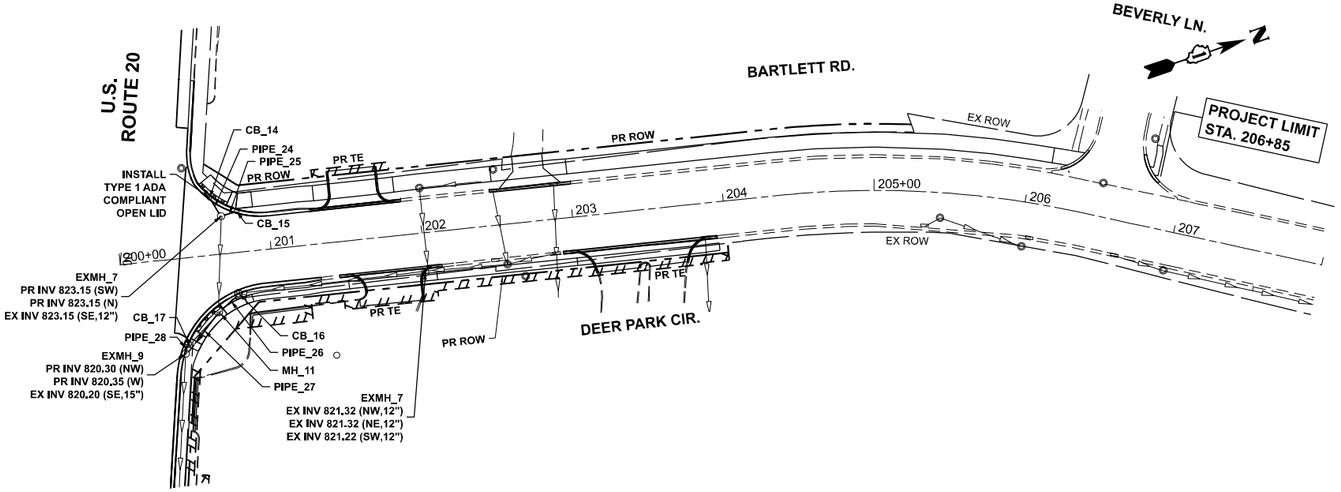
EXISTING AND PROPOSED DRAINAGE PLAN US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

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

NOTES:

1. 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.

2. 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.

3. PAVEMENT REPLACEMENT FOR PROPOSED STORM SEWER INSTALLATION OF PIPE_24 AND PIPE_25 SHALL BE PCC PAVEMENT 9" AND AGGREGATE SUBGRADE IMPROVEMENT 12".

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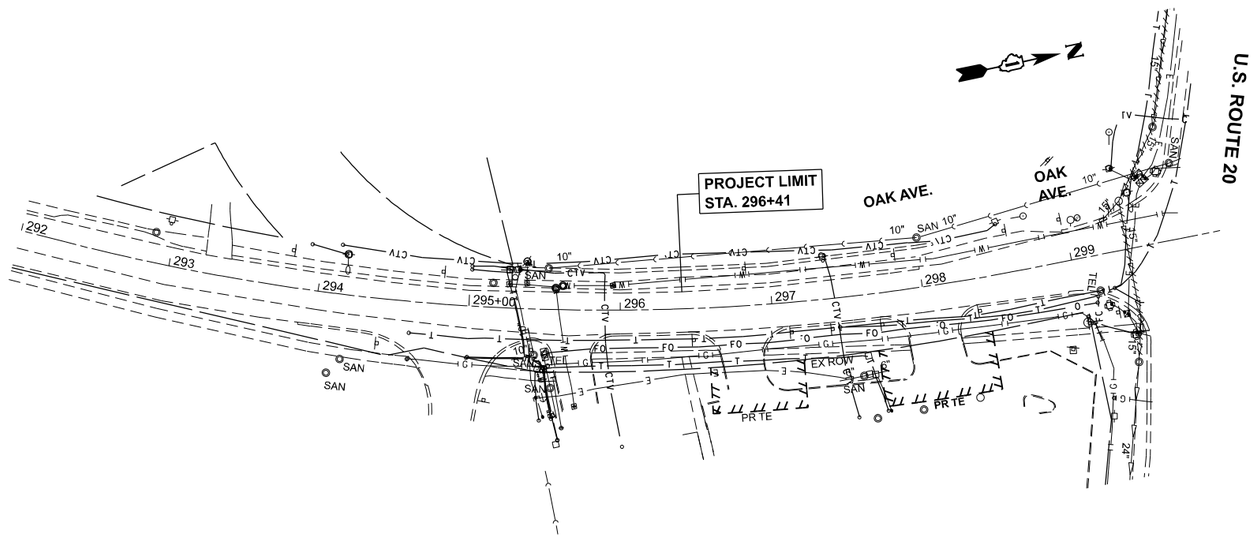
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PLOT DATE = 2/3/2026	DATE -	REVISED -	

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

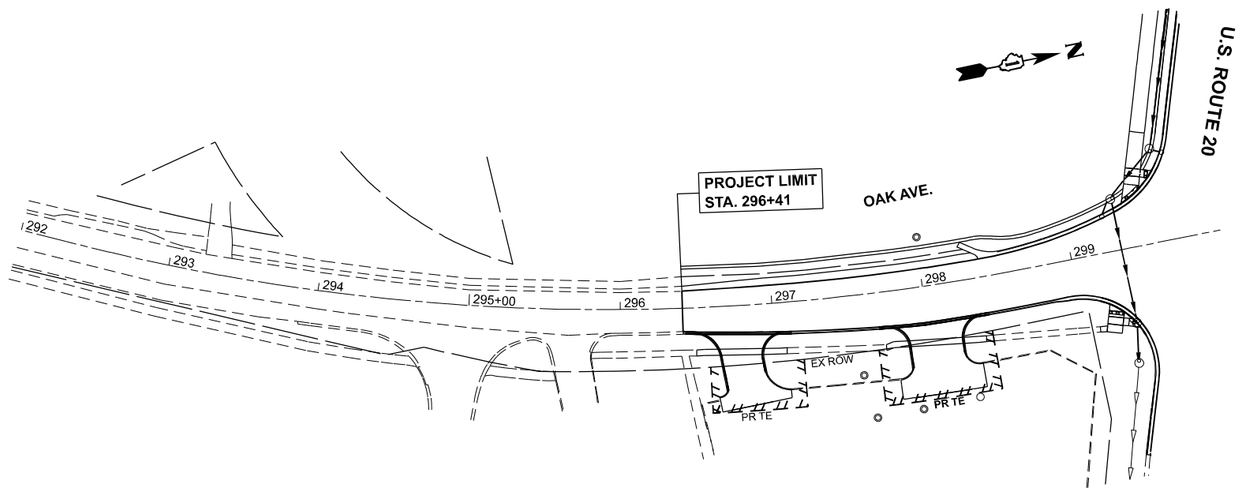
SCALE: 1"=50' | SHEET 3 OF 9 SHEETS | STA. 200+00.00 TO STA. 208+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	44
		CONTRACT NO. 62P51		
	ILLINOIS	FED. AID PROJECT		

EXISTING



PROPOSED



NOTES:

1. 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.

2. 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.

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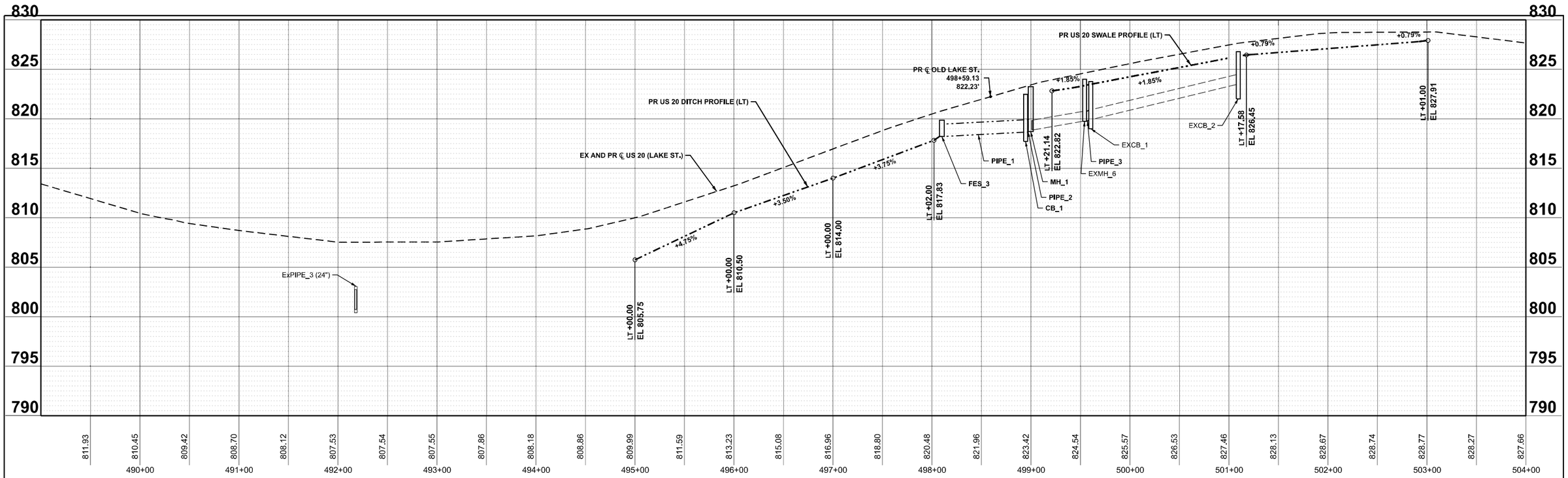
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

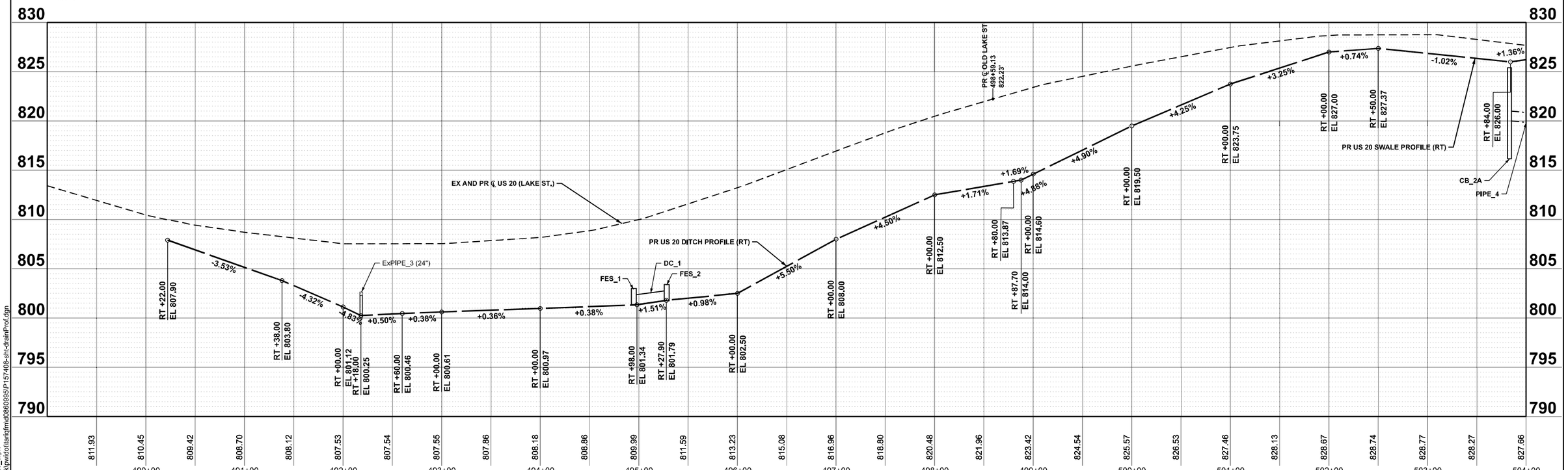
EXISTING AND PROPOSED DRAINAGE PLAN
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: 1"=50' | SHEET 4 OF 9 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	45
		CONTRACT NO. 62P51		
	ILLINOIS	FED. AID PROJECT		



LEFT SIDE



RIGHT SIDE

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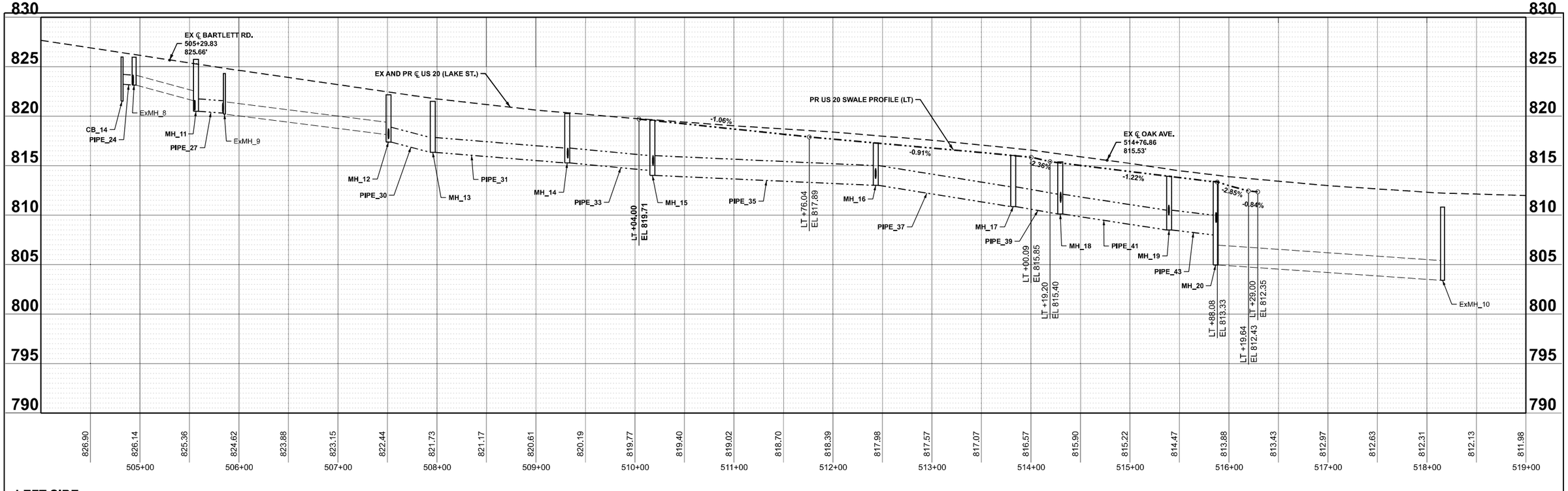
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

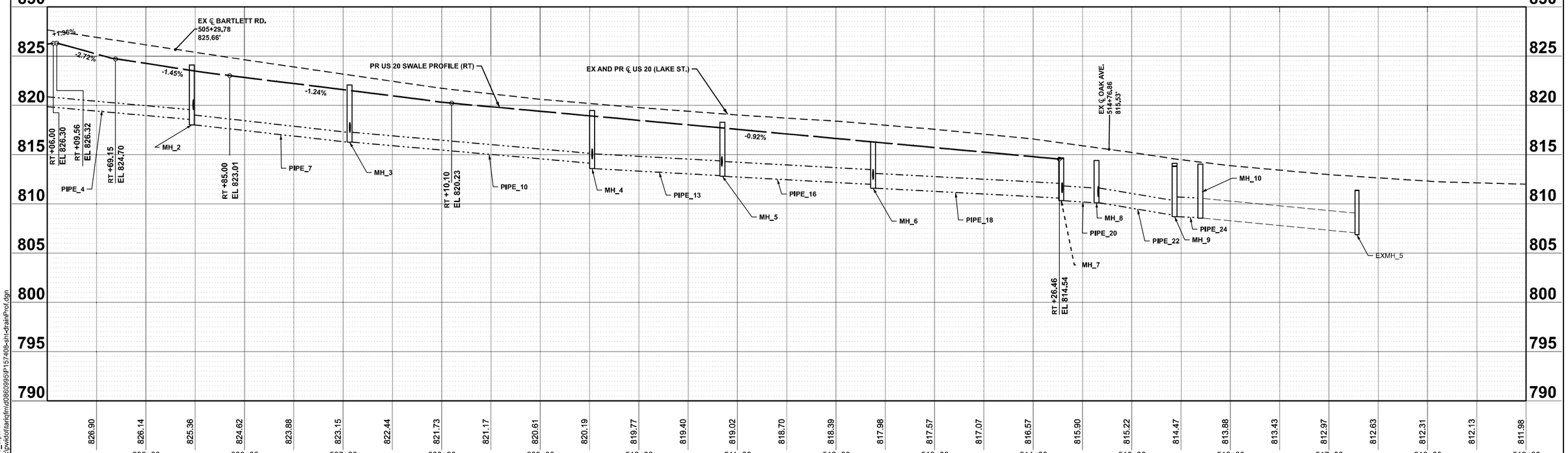
EXISTING AND PROPOSED DRAINAGE PROFILE
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: 1"=50' | SHEET 5 OF 9 SHEETS | STA. 489+00.00 | TO STA. 504+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	46
		CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			



LEFT SIDE



RIGHT SIDE

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	DRAWN -	REVISED -	
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PLOT DATE = 2/3/2026	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: 1"=50' | SHEET 6 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	47
		CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			

PIPE SCHEDULE						
PIPE NO.	PIPE TYPE	LENGTH (FT.)	SLOPE	TRENCH BACKFILL (CU. YD.)	FROM	TO
PIPE_1	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	81.4	0.5%	14.6	CB_1: INV = 818.65 (W)	FES_3: INV = 818.22 (W)
PIPE_2	STORM SEWER, CLASS A, TYPE 2, 15"	4.0	1.3%	0	MH_1: INV = 818.70 (SW)	CB_1: INV = 818.65 (NE)
PIPE_3	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	2.6	4.6%	0	EXCB_1: MATCH EX INV = 819.86 (NW)	EXMH_6: INV = 819.74 (SE)
PIPE_4	STORM SEWER, CLASS A, TYPE 2, 12"	159.0	0.9%	110.7	CB_2A: INV = 820.00 (SE)	MH_2: INV = 818.57 (NW)
PIPE_5A	STORM SEWER, CLASS A, TYPE 1, 12"	80.1	1.3%	0	CB_2B: INV = 820.75 (SE)	CB_3: INV = 819.72 (NW)
PIPE_5B	STORM SEWER, CLASS A, TYPE 2, 12"	6.9	2.2%	1.4	CB_3: INV = 819.72 (SW)	MH_2: INV = 819.57 (NE)
PIPE_6	STORM SEWER, CLASS A, TYPE 2, 12"	5.1	2.0%	0.8	CB_4: INV = 819.82 (S)	CB_3: INV = 819.72 (N)
PIPE_7	STORM SEWER, CLASS A, TYPE 2, 12"	155.4	1.1%	115.7	MH_2: INV = 818.02 (SE)	MH_3: INV = 816.26 (NW)
PIPE_8	STORM SEWER, CLASS A, TYPE 2, 12"	3.3	1.2%	0.6	CB_5: INV = 817.30 (SW)	MH_3: INV = 817.26 (NE)
PIPE_9	STORM SEWER, CLASS A, TYPE 2, 12"	4.9	1.2%	0.9	CB_6: INV = 817.36 (SW)	CB_5: INV = 817.30 (NE)
PIPE_10	STORM SEWER, CLASS A, TYPE 2, 12"	242.1	0.9%	164.7	MH_3: INV = 816.26 (SE)	MH_4: INV = 814.13 (NW)
PIPE_11	STORM SEWER, CLASS A, TYPE 2, 12"	4.9	1.6%	0.9	CB_7: INV = 814.65 (SW)	MH_4: INV = 814.57 (NE)
PIPE_12	STORM SEWER, CLASS A, TYPE 2, 12"	10.0	1.0%	1.7	CB_8: INV = 814.75 (SE)	CB_7: INV = 814.65 (NW)
PIPE_13	STORM SEWER, CLASS A, TYPE 2, 18"	127.6	0.6%	91.9	MH_4: INV = 813.57 (SE)	MH_5: INV = 812.86 (NW)
PIPE_14	STORM SEWER, CLASS A, TYPE 2, 12"	5.2	1.9%	1.7	CB_9: INV = 813.90 (S)	MH_5: INV = 813.80 (N)
PIPE_15	STORM SEWER, CLASS A, TYPE 2, 12"	8.9	1.1%	1.3	CB_10: INV = 814.00 (SE)	CB_9: INV = 813.90 (NW)
PIPE_16	STORM SEWER, CLASS A, TYPE 2, 18"	148.6	0.6%	60.7	MH_5: INV = 812.80 (SE)	MH_6: INV = 811.98 (NW)
PIPE_17	STORM SEWER, CLASS A, TYPE 2, 12"	4.7	1.5%	1.4	CB_11: INV = 812.55 (S)	MH_6: INV = 812.48 (N)
PIPE_18	STORM SEWER, CLASS A, TYPE 1, 18"	187.7	0.5%	0	MH_6: INV = 811.58 (SE)	MH_7: INV = 810.58 (NW)
PIPE_19	STORM SEWER, CLASS A, TYPE 1, 12"	4.8	2.1%	0.6	CB_12: INV = 811.24 (SW)	MH_7: INV = 811.14 (NE)
PIPE_20	STORM SEWER, CLASS A, TYPE 1, 18"	37.2	0.5%	8.6	MH_7: INV = 810.32 (SE)	MH_8: INV = 810.12 (NW)
PIPE_21	STORM SEWER, CLASS A, TYPE 1, 12"	9.7	1.5%	2.6	CB_13: INV = 810.90 (NW)	MH_8: INV = 810.75 (SE)
PIPE_22	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	78.6	1.6%	29.2	MH_8: INV = 810.12 (E)	MH_9: INV = 808.86 (W)
PIPE_23	STORM SEWER, CLASS A, TYPE 2, 24"	21.6	0.5%	13.1	MH_9: INV = 808.70 (E)	MH_10: INV = 808.60 (W)
PIPE_24	STORM SEWER, CLASS A, TYPE 1, 12"	11.4	0.6%	1.6	CB_14: INV = 823.22 (NE)	EXMH_8: INV = 823.15 (SW)
PIPE_25	STORM SEWER, CLASS A, TYPE 1, 12"	7.9	0.9%	1.1	CB_15: INV = 823.22 (S)	EXMH_8: INV = 823.15 (N)
PIPE_26	STORM SEWER, CLASS A, TYPE 2, 12"	13.5	1.9%	4.8	CB_16: INV = 820.85 (SE)	MH_11: INV = 820.60 (NW)
PIPE_27	STORM SEWER, CLASS A, TYPE 2, 15"	31.1	0.6%	9.2	MH_11: INV = 820.50 (SE)	EXMH_9: INV = 820.30 (NW)
PIPE_28	STORM SEWER, CLASS A, TYPE 1, 12"	3.2	1.6%	0.8	CB_17: INV = 820.40 (E)	EXMH_9: INV = 820.35 (W)
PIPE_29	STORM SEWER, CLASS A, TYPE 2, 12"	1.5	2.0%	0.5	CB_18: INV = 817.75 (N)	MH_12: INV = 817.72 (S)
PIPE_30	STORM SEWER, CLASS A, TYPE 2, 18"	39.4	2.6%	20.8	MH_12: INV = 817.38 (SE)	MH_13: INV = 816.34 (NW)
PIPE_31	STORM SEWER, CLASS A, TYPE 2, 18"	130.4	0.8%	86.8	MH_13: INV = 816.34 (SE)	MH_14: INV = 815.27 (NW)
PIPE_32	STORM SEWER, CLASS A, TYPE 2, 12"	2.5	1.2%	0.8	CB_19: INV = 815.80 (N)	MH_14: INV = 815.77 (S)
PIPE_33	STORM SEWER, CLASS A, TYPE 2, 18"	80.8	0.9%	52.3	MH_14: INV = 815.27 (SE)	MH_15: INV = 814.51 (NW)
PIPE_34	STORM SEWER, CLASS A, TYPE 2, 12"	1.7	1.7%	0.6	CB_20: INV = 815.04 (N)	MH_15: INV = 815.01 (S)
PIPE_35	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	219.8	0.5%	141.2	MH_15: INV = 814.01 (SE)	MH_16: INV = 813.01 (NW)
PIPE_36	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	4.8	1.0%	1.1	CB_21: INV = 813.75 (N)	MH_16: INV = 813.70 (S)
PIPE_37	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	133.6	1.6%	55.1	MH_16: INV = 813.01 (SE)	MH_17: INV = 810.85 (NW)
PIPE_38	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	42.8	1.8%	29.3	MH_17: INV = 810.85 (NE)	MH_18: INV = 810.10 (W)
PIPE_39	STORM SEWER, CLASS A, TYPE 1, 12"	1.6	1.9%	0.5	CB_22: INV = 811.33 (N)	MH_18: INV = 811.30 (S)
PIPE_40	STORM SEWER, CLASS A, TYPE 2, 12"	5.0	1.0%	0.7	CB_23: INV = 811.38 (N)	CB_22: INV = 811.33 (S)
PIPE_41	STORM SEWER, CLASS A, TYPE 2, 24"	104.7	1.5%	73.7	MH_18: INV = 810.10 (SE)	MH_19: INV = 808.50 (NW)
PIPE_42	STORM SEWER, CLASS A, TYPE 1, 12"	1.5	2.0%	0.5	CB_24: INV = 810.03 (NE)	MH_19: INV = 810.00 (SW)
PIPE_43	STORM SEWER, CLASS A, TYPE 2, 24"	42.1	1.2%	30.5	MH_19: INV = 808.50 (SE)	MH_20: INV = 808.00 (NW)
PIPE_44	STORM SEWER, CLASS A, TYPE 1, 12"	5.8	0.9%	0.9	CB_25: INV = 809.30 (N)	MH_20: INV = 809.25 (S)

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	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 2/3/2026	DATE -	REVISED -	

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

SCALE: | SHEET 7 OF 9 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	48
		CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			

DRAINAGE STRUCTURES (CATCH BASINS) SCHEDULE									
STRUCTURE NO.	TYPE	FLAT SLAB TOP REQUIRED?	ALIGNMENT	STATION	OFFSET	RIM ELEVATION	INVERT ELEVATION(S)		
CB_1	CATCH BASIN, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	YES	US 20	STA. 498+96	46.6' LT	822.46	818.65 (W)	818.65 (NE)	-
CB_2A	CATCH BASIN, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	NO	US 20	STA. 503+84	53.4' RT	825.39	820.00 (SE)	-	-
CB_2B	CATCH BASINS, TYPE C, TYPE 8 GRATE	NA	US 20	STA. 504+70	38.6' RT	824.72	820.75 (SE)	-	-
CB_3	CATCH BASIN, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	YES	US 20	STA. 505+54	38.6' RT	823.42	819.72 (SW)	819.72 (NW)	819.72 (N)
CB_4	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	NA	US 20	STA. 505+52	31.0' RT	824.65	819.82 (S)	-	-
CB_5	CATCH BASIN, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	YES	US 20	STA. 507+08	38.5' RT	821.49	817.30 (SW)	817.30 (NE)	-
CB_6	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	NA	US 20	STA. 507+08	31.0' RT	822.49	817.36 (SW)	-	-
CB_7	CATCH BASIN, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	YES	US 20	STA. 509+54	38.6' RT	818.90	814.65 (SW)	814.65 (NW)	-
CB_8	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	NA	US 20	STA. 509+43	31.0' RT	819.68	814.75 (SE)	-	-
CB_9	CATCH BASIN, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	YES	US 20	STA. 510+83	40.4' RT	817.72	813.90 (S)	813.90 (NW)	-
CB_10	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	NA	US 20	STA. 510+75	32.4' RT	818.62	814.00 (SE)	-	-
CB_11	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	NA	US 20	STA. 512+37	42.1' RT	817.21	812.55 (S)	-	-
CB_12	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	NA	US 20	STA. 514+30	44.0' RT	815.24	811.24 (SW)	-	-
CB_13	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	NA	US 20	STA. 514+76	78.4' RT	814.79	810.90 (NW)	-	-
CB_14	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	NA	US 20	STA. 504+82	56.0' LT	825.97	823.22 (NE)	-	-
CB_15	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	NA	US 20	STA. 504+90	74.5' LT	825.90	823.22 (S)	-	-
CB_16	CATCH BASIN, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	YES	US 20	STA. 505+43	78.5' LT	825.75	EX 12", 820.85 (N)	820.85 (SE)	-
CB_17	CATCH BASIN, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	YES	US 20	STA. 505+79	46.6' LT	824.46	820.40 (E)	-	-
CB_18	CATCH BASIN, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	YES	US 20	STA. 507+51	43.0' LT	821.69	817.75 (N)	-	-
CB_19	CATCH BASIN, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	YES	US 20	STA. 509+33	43.0' LT	819.75	815.80 (N)	-	-
CB_20	CATCH BASIN, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	YES	US 20	STA. 510+19	38.5' LT	819.13	815.04 (N)	-	-
CB_21	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	NA	US 20	STA. 512+43	31.0' LT	817.44	813.75 (N)	-	-
CB_22	CATCH BASIN, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	YES	US 20	STA. 514+31	38.0' LT	815.26	811.33 (N)	811.33 (S)	-
CB_23	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	NA	US 20	STA. 514+31	31.0' LT	815.66	811.38 (N)	-	-
CB_24	CATCH BASIN, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	YES	US 20	STA. 515+38	38.0' LT	813.94	810.03 (NE)	-	-
CB_25	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	YES	US 20	STA. 515+88	31.0' LT	813.36	809.30 (N)	-	-

NOTE: THE LID OF CB_14 SHALL BE A TYPE 1 ADA COMPLIANT OPEN LID.

DRAINAGE STRUCTURES (MANHOLES) SCHEDULE										
STRUCTURE NO.	TYPE	FLAT SLAB TOP REQUIRED?	ALIGNMENT	STATION	OFFSET	RIM ELEVATION	INVERT ELEVATION(S)			
MH_1	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	YES	US 20	STA. 499+00	53.3' LT	823.24	818.70 (SW)	EX 12", 818.76 (NW)	EX 12", 818.86 (NE)	EX 12", 818.86 (E)
MH_2	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	YES	US 20	STA. 505+48	48.0' RT	824.11	818.57 (NW)	818.02 (SE)	819.57 (NE)	-
MH_3	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	YES	US 20	STA. 507+08	46.1' RT	822.05	816.26 (NW)	816.26 (SE)	817.26 (NE)	-
MH_4	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	YES	US 20	STA. 509+54	47.8' RT	819.49	814.13 (NW)	813.57 (SE)	814.57 (NE)	-
MH_5	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	YES	US 20	STA. 510+86	50.3' RT	818.28	812.86 (NW)	812.80 (SE)	813.80 (N)	-
MH_6	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	YES	US 20	STA. 512+39	49.8' RT	816.27	811.98 (NW)	811.58 (SE)	812.48 (N)	-
MH_7	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	YES	US 20	STA. 514+30	51.8' RT	814.57	810.58 (NW)	810.32 (SE)	811.14 (NE)	-
MH_8	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	YES	US 20	STA. 514+63	73.0' RT	814.40	810.12 (NW)	810.12 (E)	810.75 (SE)	-
MH_9	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	YES	US 20	STA. 515+42	47.5' RT	813.82	808.86 (W)	808.70 (E)	-	-
MH_10	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	YES	US 20	STA. 515+68	44.2' RT	814.04	808.60 (W)	EX 24", 808.54 (SE)	-	-
MH_11	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	YES	US 20	STA. 505+58	66.6' LT	825.31	EX 12", 821.57 (W)	820.60 (NW)	820.50 (SE)	-
MH_12	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	YES	US 20	STA. 507+51	46.5' LT	822.16	EX 15", 818.15 (NW)	817.72 (S)	817.38 (SE)	-
MH_13	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	YES	US 20	STA. 507+97	46.5' LT	821.49	816.34 (NW)	816.34 (SE)	-	-
MH_14	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	YES	US 20	STA. 509+33	49.4' LT	820.26	815.27 (NW)	815.27 (SE)	815.77 (S)	-
MH_15	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	YES	US 20	STA. 510+19	44.1' LT	819.60	814.51 (NW)	814.01 (SE)	815.01 (S)	-
MH_16	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	YES	US 20	STA. 512+43	37.8' LT	817.29	813.01 (NW)	813.01 (SE)	813.70 (S)	-
MH_17	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	YES	US 20	STA. 513+82	37.8' LT	816.02	810.85 (NW)	810.85 (NE)	-	-
MH_18	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	YES	US 20	STA. 514+31	45.0' LT	815.37	810.10 (W)	810.10 (SE)	811.30 (S)	-
MH_19	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	YES	US 20	STA. 515+38	45.0' LT	813.92	808.50 (NW)	808.50 (SE)	810.00 (SW)	-
MH_20	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	YES	US 20	STA. 515+88	40.6' LT	813.41	808.00 (NW)	EX 24", 804.95 (SE)	809.25 (S)	-

NOTE: THE LID OF MH_9 SHALL BE A TYPE 1 ADA COMPLIANT OPEN LID.

MODEL: Drainage Schedule-1 [Sheet]
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	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 2/3/2026	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

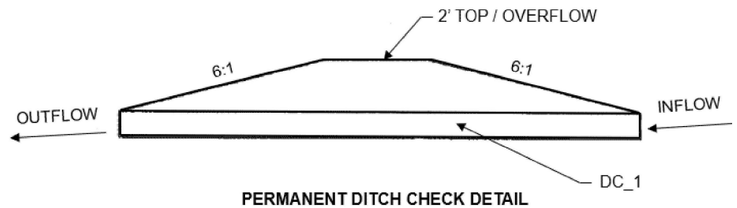
DRAINAGE SCHEDULES
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: | SHEET 8 OF 9 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	49
		CONTRACT NO. 62P51		
		ILLINOIS FED. AID PROJECT		

DITCH CHECKS SCHEDULE				
DITCH CHECK	**PIPE TYPE**	**OVERFLOW ELEVATION (FT.)**	**LENGTH (FT.)**	**SLOPE**
DC_1	PIPE CULVERTS, CLASS A, TYPE 1, 12" W/ PRECAST REINFORCED CONCRETE FLARED END SECTION 12" FES_1: INV = 801.36 (W) AND FES_2: INV = 801.76 (E)	804.75	28.1	1.4%

NOTE: LENGTH DOES NOT INCLUDE PRECAST REINFORCED CONCRETE FLARED END SECTIONS.



PERMANENT DITCH CHECK DETAIL

MODEL: Ditch Check Detail [Sheet]
FILE NAME: c:\pw_work\pwidot\tariq\mjd086099\P157408-sht-drainSchedules.dgn

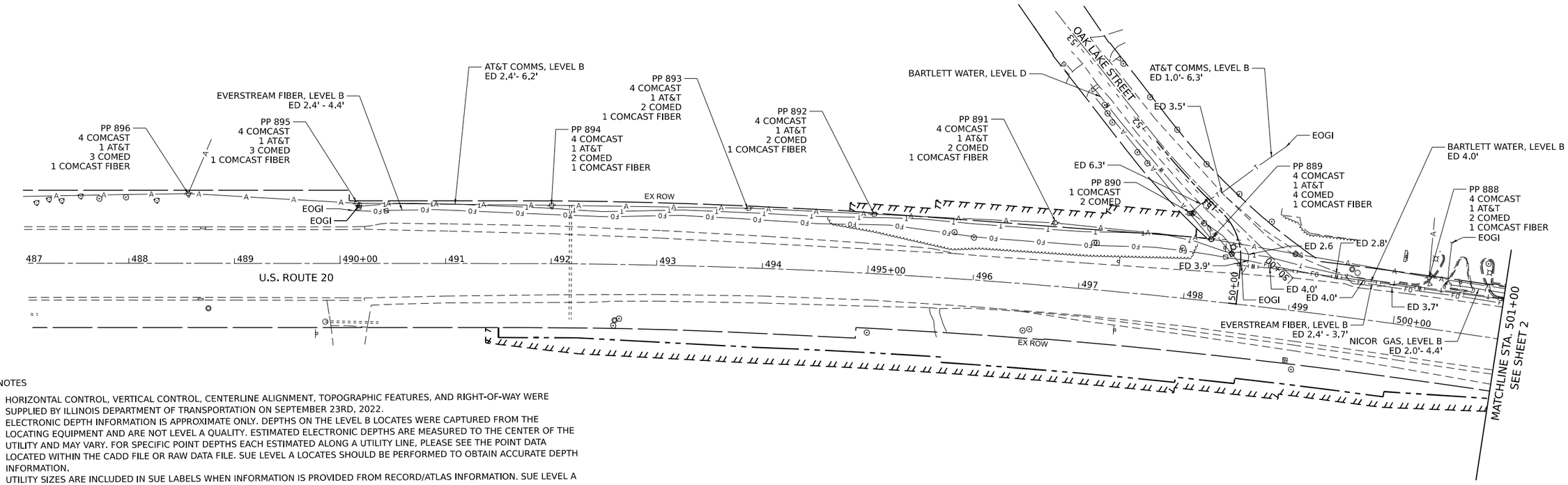
USER NAME = farhan.tariq	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 2/3/2026	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DITCH CHECK DETAIL AND SCHEDULE
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: | SHEET 9 OF 9 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	50
		CONTRACT NO. 62P51		
	ILLINOIS | FED. AID PROJECT			



SUE NOTES

1. HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, TOPOGRAPHIC FEATURES, AND RIGHT-OF-WAY WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION ON SEPTEMBER 23RD, 2022.
2. 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.
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STATE OF ILLINOIS)) S.S.

COUNTY OF COOK)

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FIELD WORK WAS PERFORMED BETWEEN THE 27TH DAY OF OCTOBER, 2022 AND THE 9TH DAY OF NOVEMBER, 2022

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 21ST DAY OF NOVEMBER A.D., 2022. CHICAGO, IL.

THOMAS A. SANDERSON 062-054022 LICENSED PROFESSIONAL ENGINEER OF ILLINOIS

THOMAS A. SANDERSON - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-054022
MY LICENSE EXPIRES 11/30/2025

UTILITY LINE LEGEND

——S——	EXISTING UNDERGROUND SANITARY
——T——	EXISTING UNDERGROUND TELEPHONE
——W——	EXISTING UNDERGROUND WATER
——E——	EXISTING UNDERGROUND ELECTRIC
——G——	EXISTING UNDERGROUND GAS
——CTV——	EXISTING UNDERGROUND CABLE TV
——FO——	EXISTING UNDERGROUND FIBER OPTIC
——O——	EXISTING UNDERGROUND OIL PIPE LINE
——A——	EXISTING AERIAL LINE
EOGI	END OF SURFACE GEOPHYSICAL INFORMATION
ED	ELECTRONIC DEPTH (IN FEET)
PP	POWER POLE
VP	VENT PIPE

MODEL: $MODELNAMES
FILE NAME: $FILEL$

Bravo Company ENGINEERING

AMERICAN SURVEYING & ENGINEERING, P.C.

DESIGNED	-	TGB
DRAWN	-	TGB
CHECKED	-	RTM
DATE	-	3/24/2025

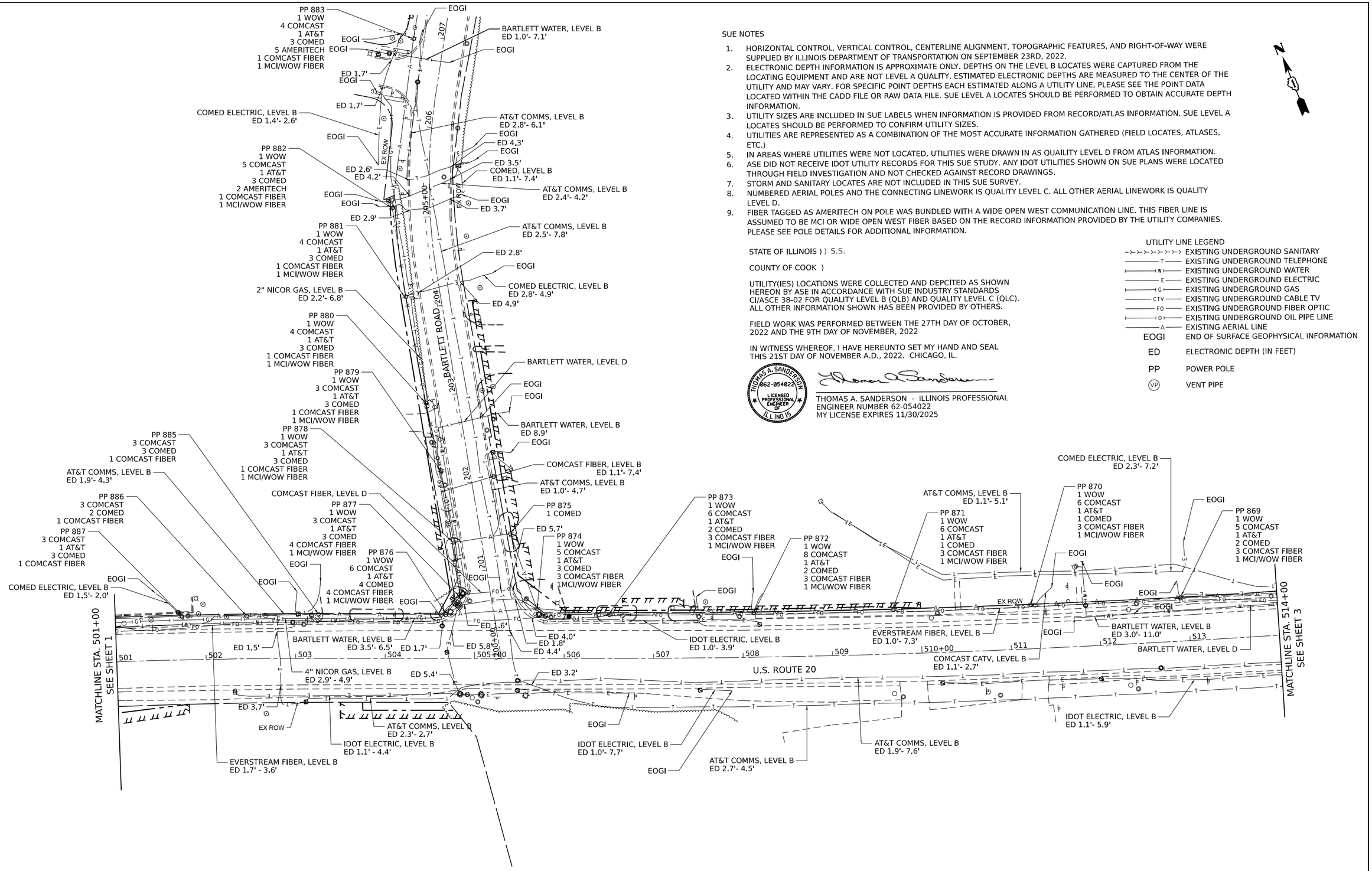
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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	51
		CONTRACT NO. 62P51		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	JOB NO. 62P51	



SUE NOTES

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THOMAS A. SANDERSON - ILLINOIS PROFESSIONAL
ENGINEER NUMBER 62-054022
MY LICENSE EXPIRES 11/30/2025

UTILITY LINE LEGEND

->->->->->->	EXISTING UNDERGROUND SANITARY
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E	EXISTING UNDERGROUND ELECTRIC
G	EXISTING UNDERGROUND GAS
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MODEL: $MODELNAME$
FILE NAME: $FILE$

Bravo Company ENGINEERING

AMERICAN SURVEYING & ENGINEERING, P.C.

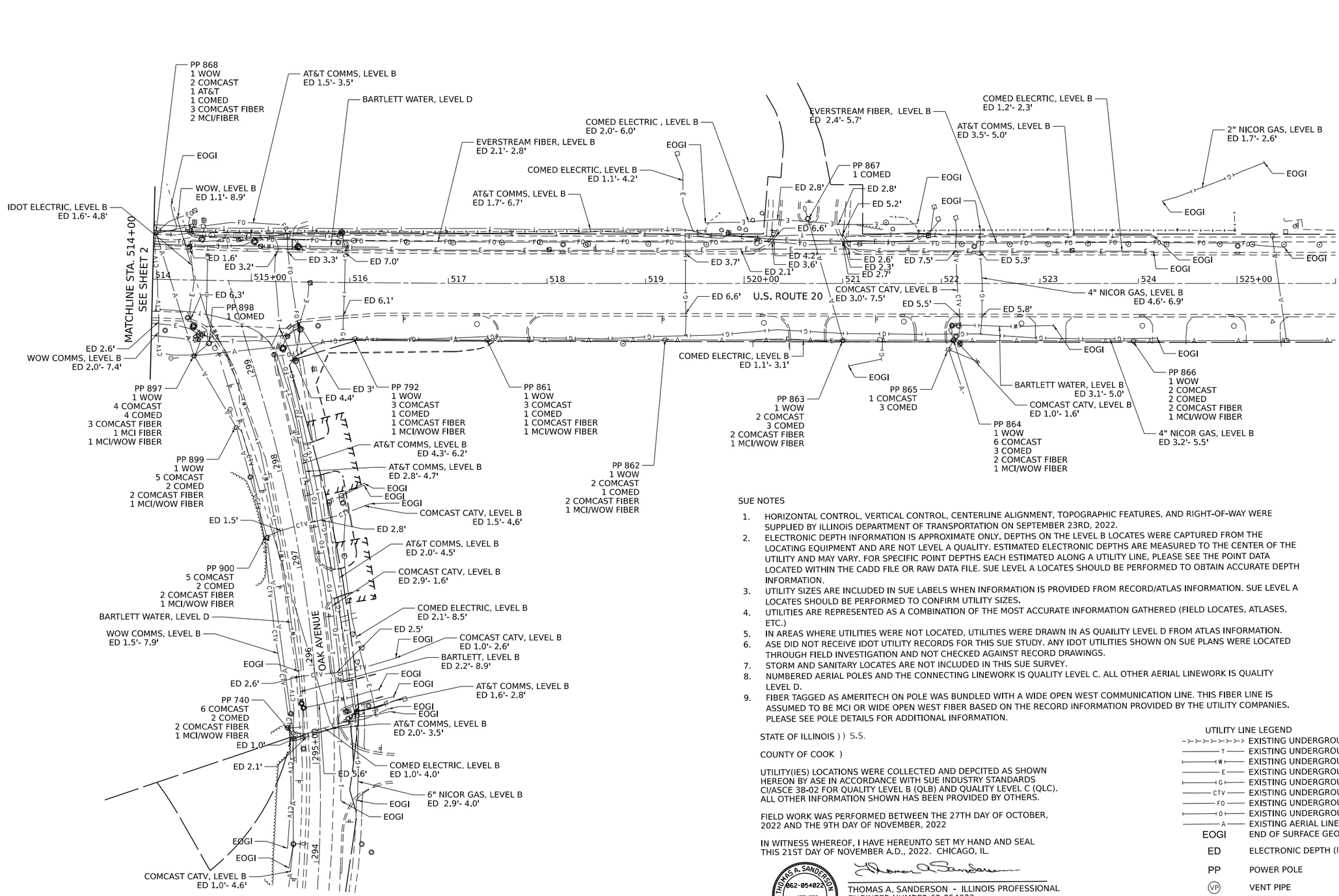
DESIGNED	-	TGB
DRAWN	-	TGB
CHECKED	-	RTM
DATE	-	3/24/2025

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.
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		CONTRACT NO. 62P51		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	JOB NO. 62P51	



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MODEL: $MODELNAMES
FILE NAME: $FILEL$

Bravo Company ENGINEERING

AMERICAN SURVEYING & ENGINEERING, P.C.

DESIGNED	-	TGB
DRAWN	-	TGB
CHECKED	-	RTM
DATE	-	3/24/2025

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.
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		CONTRACT NO. 62P51		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	JOB NO. 62P51	

SHEET INDEX

1 COVER AND OWNER SHEET
2–12 PLAT OF HIGHWAYS

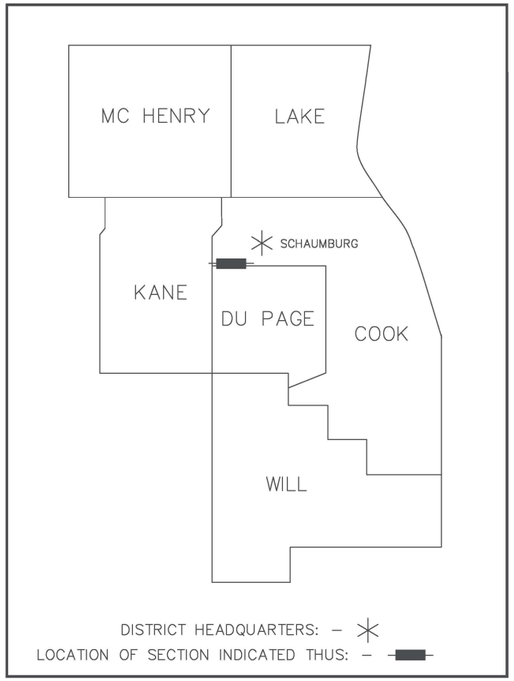
STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

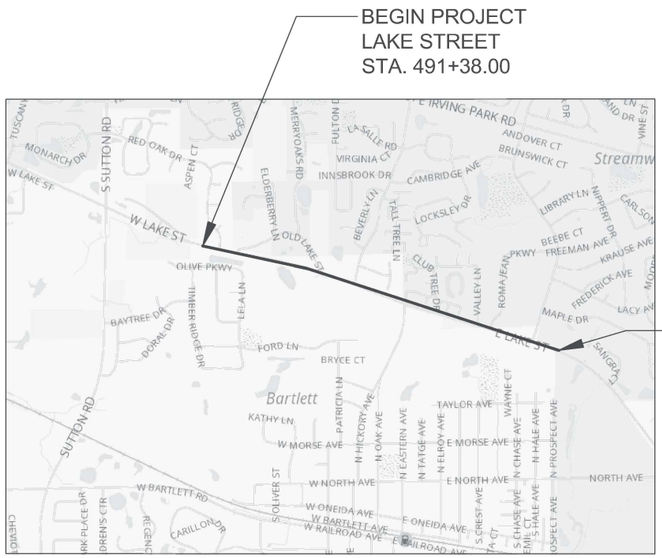
DIVISION OF HIGHWAYS

PLAT OF HIGHWAYS

ROUTE: US 20 (LAKE STREET)
SECTION:
COUNTY: COOK
LIMITS: AT OAK AVENUE AND BARTLETT ROAD
JOB NO.: R - 90 - 009 - 22



PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS



LOCATION MAP

GROSS LENGTH = 4797 FT. = 0.908 MILE , LAKE STREET

PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
0N20001TE	STEVEN W. OLIVER AND ASHLEY A. OLIVER, HUSBAND AND WIFE, AS TENANTS BY THE ENTIRETY	5	
0N20002 0N20002TE	575 LAKE STREET, BARTLETT, ILLINOIS LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	6,7	
0N20003	NK ENTERPRISES, LLC, A LIMITED LIABILITY COMPANY	8	
0N20005 0N20005TE–A 0N20005TE–B	ALLIED SERVICE AND GAS, INC., AN ILLINOIS CORPORATION	6,7	
0N20006–A 0N20006TE–A 0N20006–B 0N20006TE–B	MONUMENT BARTLETT LAKE, LLC, A DELAWARE LIMITED LIABILITY COMPANY	8, 9 & 12	
0N20008TE–A 0N20008TE–B	CHICAGO TITLE LAND TRUST COMPANY A SUCCESSOR TO NORTH STAR TRUST COMPANY AS TRUSTEE UNDER TRUST AGREEMENT DATED DECEMBER 14, 2004 KNOWN AS TRUST NO. 04–7948	11	
0N20009–A 0N20009TE–A 0N20009TE–B 0N20009–B	PARKWAY BANK AND TRUST COMPANY AS TRUSTEE UNDER TRUST AGREEMENT DATED MAY 1, 2018 KNOWN AS TRUST NUMBER 15638	2, 3 & 4	

RETURN ORIGINAL TO:

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG ILLINOIS, 60169
ATTN: BUREAU OF LAND ACQUISITION

IDOT USE ONLY

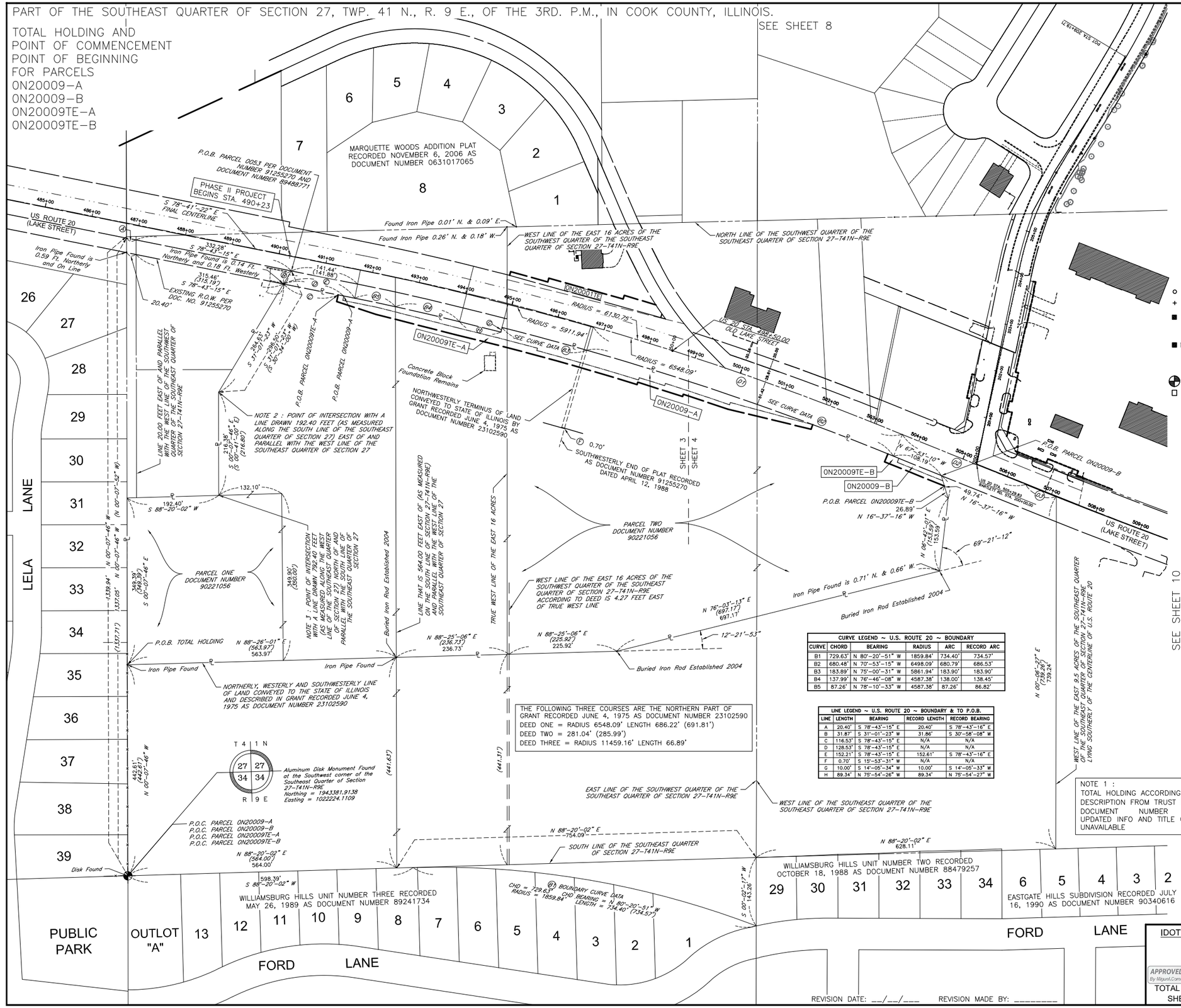
APPROVED
By Miguel.Coreano at 11:26 am, Aug 07, 2023

TOTAL SHEETS 141
SHEET NO. 54

PART OF THE SOUTHEAST QUARTER OF SECTION 27, TWP. 41 N., R. 9 E., OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

TOTAL HOLDING AND
POINT OF COMMENCEMENT
POINT OF BEGINNING
FOR PARCELS
0N20009–A
0N20009–B
0N20009TE–A
0N20009TE–B

SEE SHEET 8



CURVE LEGEND ~ U.S. ROUTE 20 ~ BOUNDARY					
CURVE	CHORD	BEARING	RADIUS	ARC	RECORD ARC
B1	729.63'	N 80°-20'-51" W	1859.84'	734.40'	734.57'
B2	680.48'	N 70°-53'-15" W	6498.09'	680.79'	686.53'
B3	183.89'	N 75°-00'-31" W	5861.94'	183.90'	183.90'
B4	137.99'	N 76°-46'-08" W	4587.38'	138.00'	138.45'
B5	87.26'	N 78°-10'-33" W	4587.38'	87.26'	86.82'

LINE LEGEND ~ U.S. ROUTE 20 ~ BOUNDARY & TO P.O.B.				
LINE	LENGTH	BEARING	RECORD LENGTH	RECORD BEARING
A	20.40'	S 78°-43'-15" E	20.40'	S 78°-43'-16" E
B	31.87'	S 31°-01'-23" W	31.86'	S 30°-58'-08" W
C	116.53'	S 78°-43'-15" E	N/A	N/A
D	128.53'	S 78°-43'-15" E	N/A	N/A
E	152.21'	S 78°-43'-15" E	152.61'	S 78°-43'-16" E
F	0.70'	S 15°-53'-31" W	N/A	N/A
G	10.00'	S 14°-05'-34" W	10.00'	S 14°-05'-33" W
H	89.34'	N 75°-54'-26" W	89.34'	N 75°-54'-27" W

NOTE 1 :
TOTAL HOLDING ACCORDING TO LEGAL DESCRIPTION FROM TRUST DEED PER DOCUMENT NUMBER 90221056 UPDATED INFO AND TITLE COMMITMENT UNAVAILABLE

LEGEND

SECTION CORNER

16 15 QUARTER SECTION CORNER

N

GRAPHIC SCALE FEET 0 100

SCALE: 1"= 100'

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- P PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- AC PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

- IRON PIPE OR ROD FOUND
- "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

SURVEY NOTES:
1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99994396.
4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
5. FIELD SURVEY COMPLETED ON FEBRUARY 28, 2022.

STATE OF ILLINOIS)
) SS
COUNTY OF DuPAGE)

THIS IS TO CERTIFY THAT WE, MARCHESE AND SONS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184–002762, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 27, TOWNSHIP 41 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION,STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS THIS 19TH. DAY OF JULY, 2023 A.D.

Dominic J Marchese

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035–002335
LICENSE EXPIRATION DATE:NOVEMBER 30, 2024

STATE OF ILLINOIS PROFESSIONAL LAND SURVEYOR 035–002335 DOMINIC J. MARCHESE

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Marchese and Sons, Inc.
land marine construction surveys
10 MONACO DRIVE, ROSELLE IL. 60172
PHONE : (630) 894–5680 FAX : (630) 894–8869

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 20

LIMITS: U.S. RT. 20 AT OAK AVE. & BARTLETT RD. COUNTY: COOK
SECTION: _____ JOB NO.: R–90–009–22
STA. 487+02.30 TO STA. 505+29.83
SCALE: 1" = 100' SHEET 2 OF 12 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

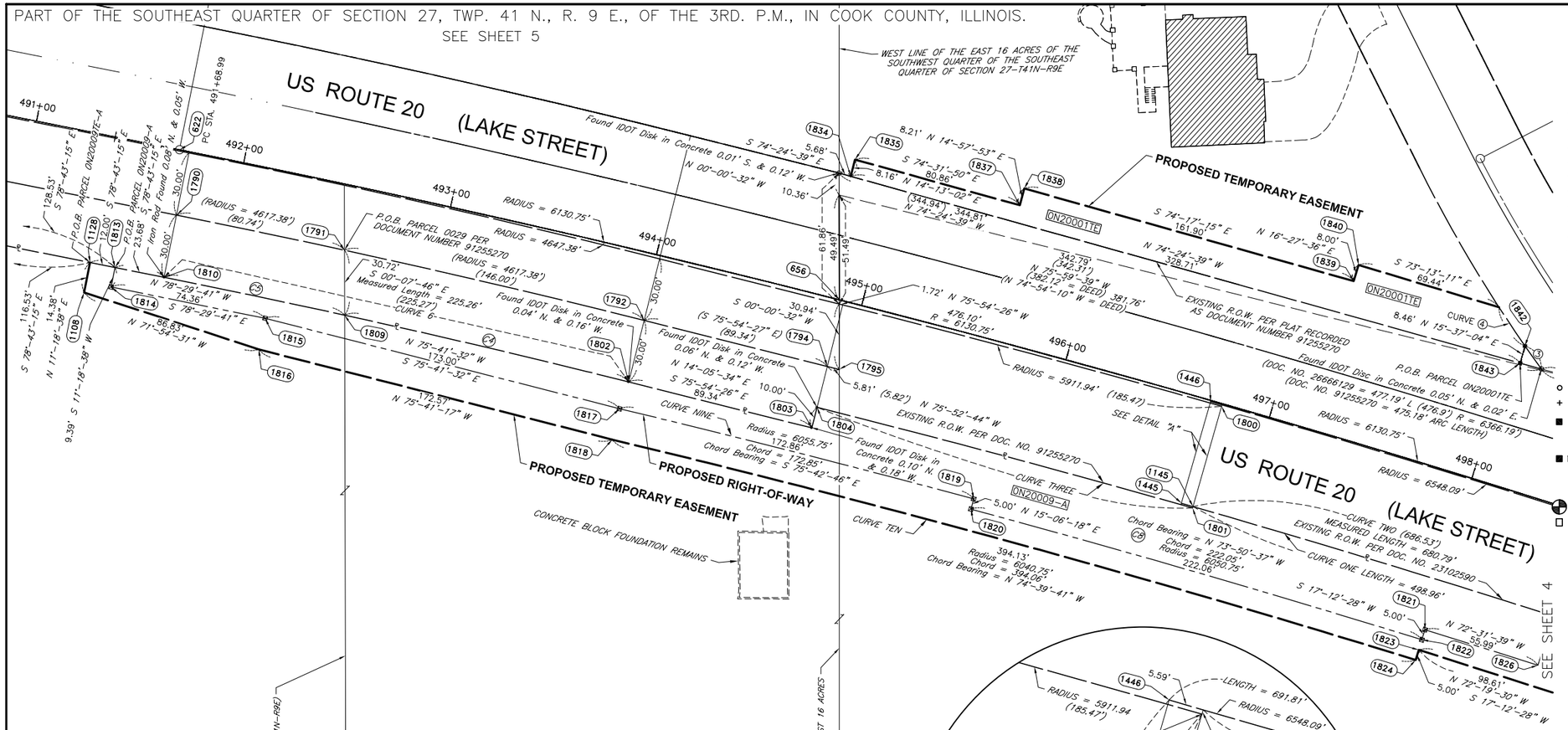
IDOT USE ONLY

APPROVED
By Miguel.Corrano at 1:58 pm, Jul 26, 2023
TOTAL SHEETS 141
SHEET NO. 55

REVISION DATE: __/__/____ REVISION MADE BY: _____

PART OF THE SOUTHEAST QUARTER OF SECTION 27, TWP. 41 N., R. 9 E., OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

SEE SHEET 5



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- P — PROPERTY (DEED) LINE
- APL — APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- AC — PROPOSED ACCESS CONTROL LINE
- 129.32' — MEASURED DIMENSION
- 129.32' (COMP) — COMPUTED DIMENSION
- (129.32') — RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE FEET
0 30
SCALE: 1"= 30'

- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- ⊕ "MAG" NAIL SET
- ● 5/8" REBAR SET

STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

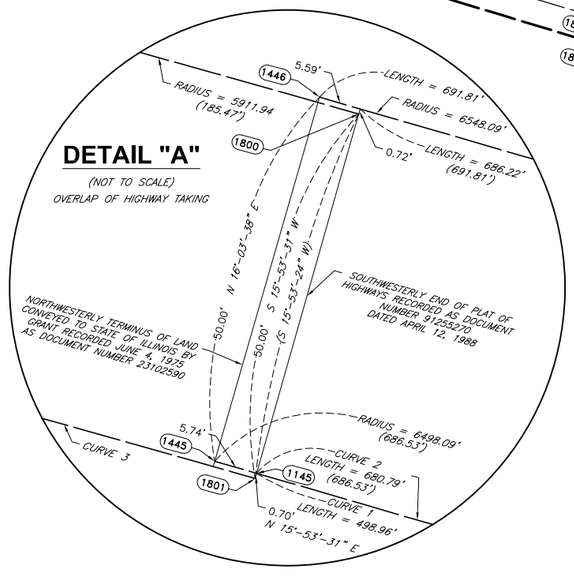
STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET

SURVEY NOTES:
1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99994396.
4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
5. FIELD SURVEY COMPLETED ON FEBRUARY 28, 2022.

SEE SHEET 4



TRUE WEST LINE OF THE EAST 16 ACRES

LINE THAT IS 564.00 FEET EAST OF (AS MEASURED ON THE SOUTH LINE OF SECTION 27-T41N-R9E) AND PARALLEL WITH THE WEST LINE OF THE SOUTHEAST QUARTER OF SECTION 27

CURVE LEGEND ~ U.S. ROUTE 20				
CURVE	CHORD	BEARING	RADIUS	ARC
1	498.83'	S 71°-41'-21" E	6498.09'	498.96'
2	680.48'	N 70°-53'-15" W	6498.09'	680.79'
3	183.89'	S 75°-00'-31" E	5861.94'	183.90'
4	137.99'	N 76°-46'-08" W	4587.38'	138.00'
5	87.26'	N 78°-10'-33" W	4587.38'	87.26'
6	225.24'	S 77°-18'-50" E	4587.38'	225.26'
7	141.68'	N 71°-35'-34" W	6060.75'	141.68'
8	222.05'	N 73°-50'-37" W	6050.75'	222.06'
9	172.85'	N 75°-42'-46" W	6055.75'	172.86'
10	394.06'	N 74°-39'-41" W	6040.75'	394.13'
11	12.92'	S 67°-56'-35" E	6498.09'	12.92'

PROJECT COORDINATES ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)				
COORDINATE TABLE ~ US ROUTE 20				
PT. NO.	STATION	OFFSET	NORTHING	EASTING
1128	491+38.00	60.62' RT.	1944599.8679	1022664.8166
1108	491+38.00	75.00' RT.	1944585.7633	1022661.9955
1813	491+50.00	60.61' RT.	1944597.5208	1022676.5848
1814	491+50.00	70.00' RT.	1944588.3127	1022674.7431
1815	492+25.00	70.00' RT.	1944573.4808	1022747.6090
1816	492+25.00	85.00' RT.	1944558.7996	1022744.5329
1817	494+00.00	75.00' RT.	1944530.7280	1022915.2400
1818	494+00.00	90.00' RT.	1944516.1406	1022911.7460
1819	495+75.00	75.00' RT.	1944488.0708	1023082.7470
1820	495+75.00	80.00' RT.	1944483.2436	1023081.4441
1821	498+00.00	75.00' RT.	1944426.2319	1023296.2051
1822	498+00.00	80.00' RT.	1944421.4557	1023294.7259
1823	498+00.00	85.00' RT.	1944416.6795	1023293.2467
1824	498+00.00	90.00' RT.	1944411.9033	1023291.7675
1825	498+56.68	70.00' RT.	1944414.1843	1023351.1316
1826	498+56.68	75.00' RT.	1944409.4220	1023349.6083
1827	499+00.00	80.00' RT.	1944391.4905	1023388.7610
1828	499+00.00	85.00' RT.	1944386.7390	1023387.2041
1829	500+00.00	65.00' RT.	1944374.1717	1023487.1973
1830	500+00.00	70.00' RT.	1944369.4463	1023485.5631
1831	500+00.00	80.00' RT.	1944359.9955	1023482.2948
1832	501+80.00	60.00' RT.	1944318.1781	1023656.4019
1833	501+80.00	49.76' RT.	1944327.7545	1023660.0341
1844	503+50.00	48.97' RT.	1944266.5216	1023817.4515
1845	503+50.00	67.00' RT.	1944249.8115	1023810.6927
1846	503+75.00	49.00' RT.	1944257.1223	1023840.6173
1847	503+75.00	58.00' RT.	1944248.7808	1023837.2434
1848	504+78.18	58.00' RT.	1944210.0907	1023932.8988
1849	504+85.38	67.00' RT.	1944199.0492	1023936.1948

WEST LINE OF THE EAST 16 ACRES OF THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 27-T41N-R9E ACCORDING TO DEED IS 4.27 FEET EAST OF TRUE WEST LINE

PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
0N20009-A	21.453	0.410		21.023	0.000		06-27-403-020
0N20009TE-A					0.295		06-27-404-001
0N20009B	21.453	0.020		21.023			06-27-403-020
0N20009TE-B					0.032		06-27-404-001

REVISION DATE: __/__/___ REVISION MADE BY: _____

STATE OF ILLINOIS)
) SS
COUNTY OF DuPAGE)

THIS IS TO CERTIFY THAT WE, MARCHESE AND SONS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002762, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 27, TOWNSHIP 41 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION,STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS THIS 19th. DAY OF JULY, 2023 A.D.

Dominic J Marchese

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002335
LICENSE EXPIRATION DATE: NOVEMBER 30, 2024

STATE OF ILLINOIS PROFESSIONAL LAND SURVEYOR 035-002335 DOMINIC J. MARCHESE

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Marchese and Sons, Inc.
land marine construction surveys
10 MONACO DRIVE, ROSELLE IL. 60172
PHONE : (630) 894-5680 FAX : (630) 894-8869

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 20

LIMITS: U.S. RT. 20 AT OAK AVE. & BARTLETT RD. COUNTY: COOK
SECTION: _____ JOB NO.: R-90-009-22
STA. 491+00.00 TO STA. 498+00.00
SCALE: 1" = 30' SHEET 3 OF 12 SHEETS

IDOT USE ONLY

APPROVED
By Miguel.Cornano at 1:58 pm, Jul 26, 2023

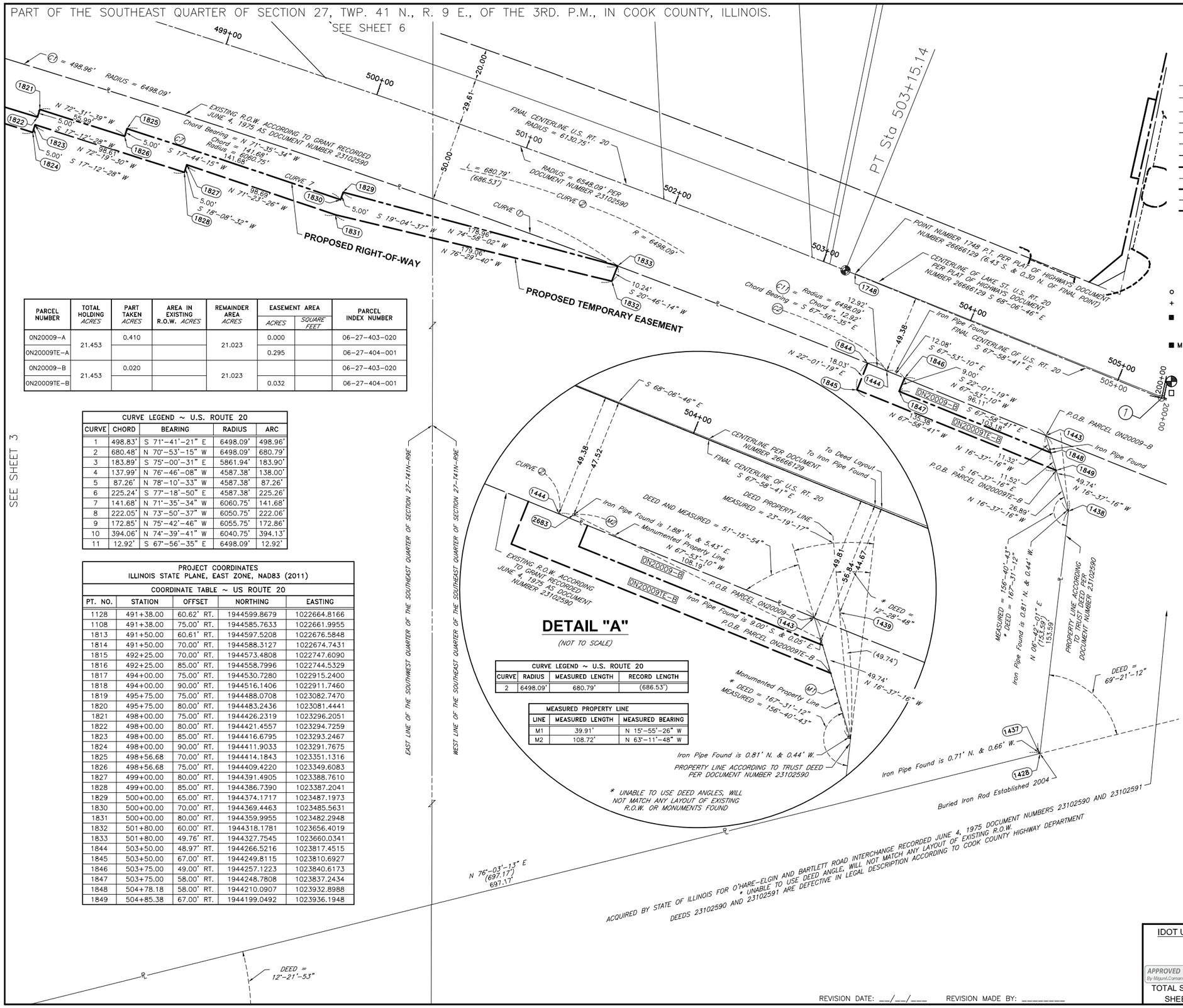
TOTAL SHEETS 141
SHEET NO. 56

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

PART OF THE SOUTHEAST QUARTER OF SECTION 27, TWP. 41 N., R. 9 E., OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

SEE SHEET 6

SEE SHEET 3



PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
0N20009-A	21.453	0.410		21.023	0.000		06-27-403-020
0N20009TE-A					0.295		06-27-404-001
0N20009-B	21.453	0.020		21.023			06-27-403-020
0N20009TE-B					0.032		06-27-404-001

CURVE LEGEND ~ U.S. ROUTE 20				
CURVE	CHORD	BEARING	RADIUS	ARC
1	498.83'	S 71°-41'-21" E	6498.09'	498.96'
2	680.48'	N 70°-53'-15" W	6498.09'	680.79'
3	183.89'	S 75°-00'-31" E	5861.94'	183.90'
4	137.99'	N 76°-46'-08" W	4587.38'	138.00'
5	87.26'	N 78°-10'-33" W	4587.38'	87.26'
6	225.24'	S 77°-18'-50" E	4587.38'	225.26'
7	141.68'	N 71°-35'-34" W	6060.75'	141.68'
8	222.05'	N 73°-50'-37" W	6050.75'	222.06'
9	172.85'	N 75°-42'-46" W	6055.75'	172.86'
10	394.06'	N 74°-39'-41" W	6040.75'	394.13'
11	12.92'	S 67°-56'-35" E	6498.09'	12.92'

PROJECT COORDINATES ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)				
COORDINATE TABLE ~ US ROUTE 20				
PT. NO.	STATION	OFFSET	NORTHING	EASTING
1128	491+38.00	60.62' RT.	1944599.8679	1022664.8166
1108	491+38.00	75.00' RT.	1944585.7633	1022661.9955
1813	491+50.00	60.61' RT.	1944597.5208	1022676.5848
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1847	503+75.00	58.00' RT.	1944248.7808	1023837.2434
1848	504+78.18	58.00' RT.	1944210.0907	1023932.8988
1849	504+85.38	67.00' RT.	1944199.0492	1023936.1948

DETAIL "A"

(NOT TO SCALE)

CURVE LEGEND ~ U.S. ROUTE 20			
CURVE	RADIUS	MEASURED LENGTH	RECORD LENGTH
2	6498.09'	680.79'	(686.53')

MEASURED PROPERTY LINE		
LINE	MEASURED LENGTH	MEASURED BEARING
M1	39.91'	N 15°-55'-26" W
M2	108.72'	N 63°-11'-48" W

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- AC PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

N

GRAPHIC SCALE FEET 0 30

SCALE: 1"= 30'

- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- ⊕ "MAG" NAIL SET
- ● 5/8" REBAR SET
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET

SURVEY NOTES:
1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99994396.
4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
5. FIELD SURVEY COMPLETED ON FEBRUARY 28, 2022.

STATE OF ILLINOIS)
) SS
COUNTY OF DuPAGE)

THIS IS TO CERTIFY THAT WE, MARCHESE AND SONS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002762, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 27, TOWNSHIP 41 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION,STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS THIS 19th. DAY OF JULY, 2023 A.D.

Dominic J Marchese

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002335
LICENSE EXPIRATION DATE:NOVEMBER 30, 2024

STATE OF ILLINOIS PROFESSIONAL LAND SURVEYOR 035-002335 DOMINIC J. MARCHESE

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Marchese and Sons, Inc.
land marine construction surveys
10 MONACO DRIVE, ROSELLE IL. 60172
PHONE : (630) 894-5680 FAX : (630) 894-8869

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 20

LIMITS: U.S. RT. 20 AT OAK AVE. & BARTLETT RD. COUNTY: COOK
SECTION: _____ JOB NO.: R-90-009-22
STA. 499+00.00 TO STA. 505+00.00
SCALE: 1" = 30' SHEET 4 OF 12 SHEETS

IDOT USE ONLY

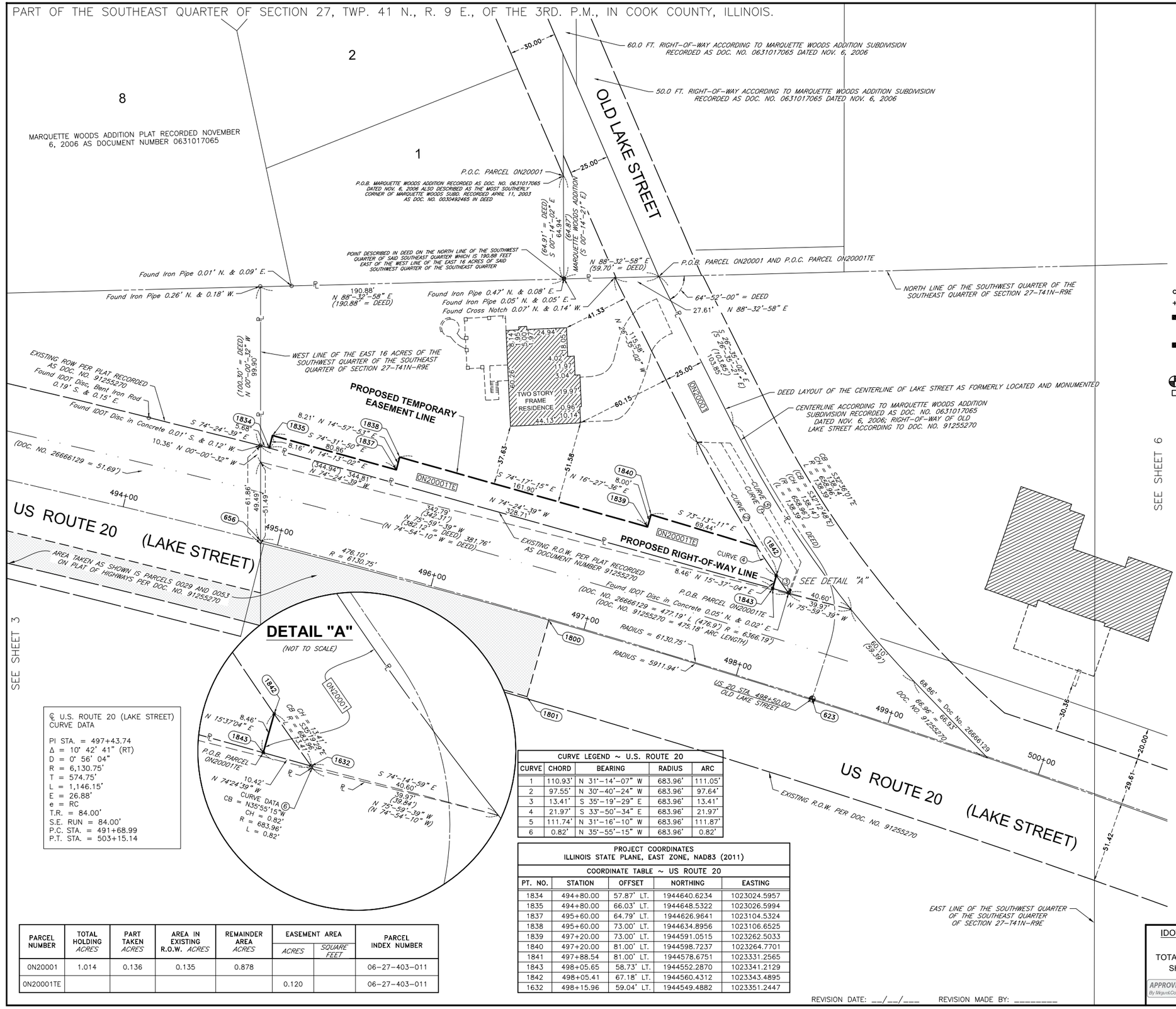
APPROVED
By Miguel.Corrano at 1:59 pm, Jul 26, 2023

TOTAL SHEETS 141
SHEET NO. 57

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

REVISION DATE: __/__/____ REVISION MADE BY: _____

PART OF THE SOUTHEAST QUARTER OF SECTION 27, TWP. 41 N., R. 9 E., OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



DETAIL "A"

(NOT TO SCALE)

LEGEND

SECTION CORNER

QUARTER SECTION CORNER

GRAPHIC SCALE FEET 0 30

SCALE: 1"= 30'

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- P — PROPERTY (DEED) LINE
- APL — APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- AC — PROPOSED ACCESS CONTROL LINE
- 129.32' — MEASURED DIMENSION
- 129.32' (COMP) — COMPUTED DIMENSION
- (129.32') — RECORDED DIMENSION
- EXISTING BUILDING

- ○ IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- ⊕ "MAG" NAIL SET
- ● 5/8" REBAR SET
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

SURVEY NOTES:
1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99994396.
4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
5. FIELD SURVEY COMPLETED ON FEBRUARY 28, 2022.

STATE OF ILLINOIS)
) SS
COUNTY OF DuPAGE)

THIS IS TO CERTIFY THAT WE, MARCHESE AND SONS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002762, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 27, TOWNSHIP 41 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION,STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS THIS 1st. DAY OF MAY, 2023 A.D.

Dominic J Marchese

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002335
LICENSE EXPIRATION DATE:NOVEMBER 30, 2024

STATE OF ILLINOIS PROFESSIONAL LAND SURVEYOR 035-002335 DOMINIC J. MARCHESE

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Marchese and Sons, Inc.
land marine construction surveys
10 MONACO DRIVE, ROSELLE IL. 60172
PHONE : (630) 894-5680 FAX : (630) 894-8869

℄ U.S. ROUTE 20 (LAKE STREET) CURVE DATA

PI STA. = 497+43.74
Δ = 10° 42' 41" (RT)
D = 0° 56' 04"
R = 6,130.75'
T = 574.75'
L = 1,146.15'
E = 26.88'
e = RC
T.R. = 84.00'
S.E. RUN = 84.00'
P.C. STA. = 491+68.99
P.T. STA. = 503+15.14

CURVE LEGEND ~ U.S. ROUTE 20				
CURVE	CHORD	BEARING	RADIUS	ARC
1	110.93'	N 31°-14'-07" W	683.96'	111.05'
2	97.55'	N 30°-40'-24" W	683.96'	97.64'
3	13.41'	S 35°-19'-29" E	683.96'	13.41'
4	21.97'	S 33°-50'-34" E	683.96'	21.97'
5	111.74'	N 31°-16'-10" W	683.96'	111.87'
6	0.82'	N 35°-55'-15" W	683.96'	0.82'

PROJECT COORDINATES ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)				
COORDINATE TABLE ~ US ROUTE 20				
PT. NO.	STATION	OFFSET	NORTHING	EASTING
1834	494+80.00	57.87' LT.	1944640.6234	1023024.5957
1835	494+80.00	66.03' LT.	1944648.5322	1023026.5994
1837	495+60.00	64.79' LT.	1944626.9641	1023104.5324
1838	495+60.00	73.00' LT.	1944634.8956	1023106.6525
1839	497+20.00	73.00' LT.	1944591.0515	1023262.5033
1840	497+20.00	81.00' LT.	1944598.7237	1023264.7701
1841	497+88.54	81.00' LT.	1944578.6751	1023331.2565
1843	498+05.65	58.73' LT.	1944552.2870	1023341.2129
1842	498+05.41	67.18' LT.	1944560.4312	1023343.4895
1632	498+15.96	59.04' LT.	1944549.4882	1023351.2447

PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
0N20001	1.014	0.136	0.135	0.878			06-27-403-011
0N20001TE					0.120		06-27-403-011

REVISION DATE: __/__/____ REVISION MADE BY: _____

IDOT USE ONLY

TOTAL SHEETS 141
SHEET NO. 58

APPROVED
By Miguel.Corriano at 1:29 pm, Sep 25, 2023

PLAT OF HIGHWAYS

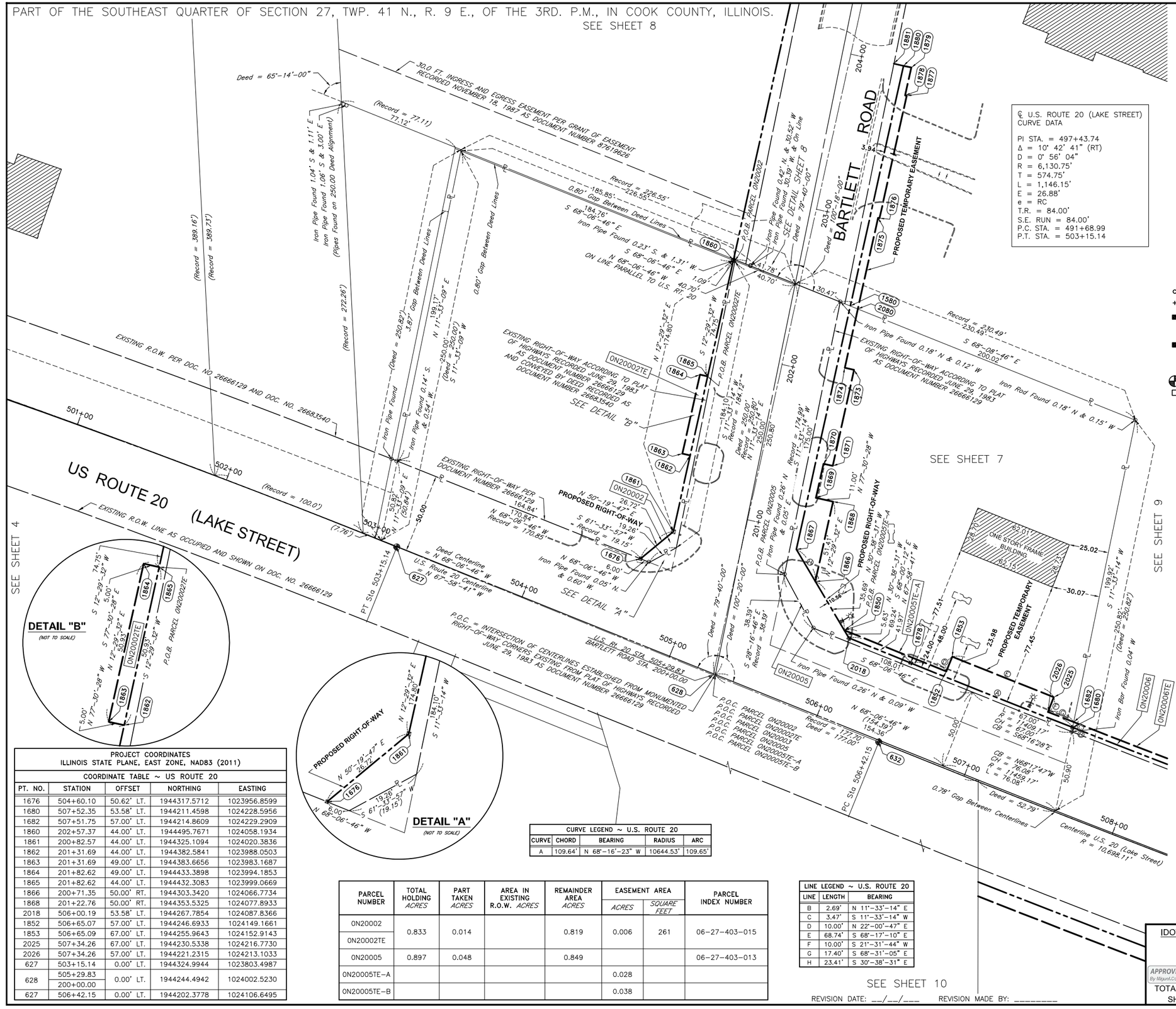
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 20

LIMITS: U.S. RT. 20 AT OAK AVE. & BARTLETT RD. COUNTY: COOK
SECTION: _____ JOB NO.: R-90-009-22
STA. 494+00.00 TO STA. 500+00.00
SCALE: 1" = 30' SHEET 5 OF 12 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

PART OF THE SOUTHEAST QUARTER OF SECTION 27, TWP. 41 N., R. 9 E., OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

SEE SHEET 8



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- P — PROPERTY (DEED) LINE
- APL — APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- AC — PROPOSED ACCESS CONTROL LINE
- 129.32' — MEASURED DIMENSION
- 129.32' (COMP) — COMPUTED DIMENSION
- (129.32') — RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE FEET
0 30
SCALE: 1"= 30'

℄ U.S. ROUTE 20 (LAKE STREET) CURVE DATA

PI STA. = 497+43.74
Δ = 10° 42' 41" (RT)
D = 0° 56' 04"
R = 6,130.75'
T = 574.75'
L = 1,146.15'
E = 26.88'
e = RC
T.R. = 84.00'
S.E. RUN = 84.00'
P.C. STA. = 491+68.99
P.T. STA. = 503+15.14

- IRON PIPE OR ROD FOUND
- "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

SURVEY NOTES:
1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99994396.
4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
5. FIELD SURVEY COMPLETED ON FEBRUARY 28, 2022.

STATE OF ILLINOIS)
) SS
COUNTY OF DuPAGE)

THIS IS TO CERTIFY THAT WE, MARCHESE AND SONS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184–002762, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 27, TOWNSHIP 41 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION,STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS THIS 19th. DAY OF JULY, 2023 A.D.

Dominic J Marchese

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035–002335
LICENSE EXPIRATION DATE:NOVEMBER 30, 2024

STATE OF ILLINOIS PROFESSIONAL LAND SURVEYOR 035–002335 DOMINIC J. MARCHESE

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Marchese and Sons, Inc.
land marine construction surveys
10 MONACO DRIVE, ROSELLE IL. 60172
PHONE : (630) 894–5680 FAX : (630) 894–8869

DETAIL "B" (NOT TO SCALE)

DETAIL "A" (NOT TO SCALE)

PROJECT COORDINATES ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)				
COORDINATE TABLE ~ US ROUTE 20				
PT. NO.	STATION	OFFSET	NORTHING	EASTING
1676	504+60.10	50.62' LT.	1944317.5712	1023956.8599
1680	507+52.35	53.58' LT.	1944211.4598	1024228.5956
1682	507+51.75	57.00' LT.	1944214.8609	1024229.2909
1860	202+57.37	44.00' LT.	1944495.7671	1024058.1934
1861	200+82.57	44.00' LT.	1944325.1094	1024020.3836
1862	201+31.69	44.00' LT.	1944382.5841	1023988.0503
1863	201+31.69	49.00' LT.	1944383.6656	1023983.1687
1864	201+82.62	49.00' LT.	1944433.3898	1023994.1853
1865	201+82.62	44.00' LT.	1944432.3083	1023999.0669
1866	200+71.35	50.00' RT.	1944303.3420	1024066.7734
1868	201+22.76	50.00' RT.	1944353.5325	1024077.8933
2018	506+00.19	53.58' LT.	1944267.7854	1024087.8366
1852	506+65.07	57.00' LT.	1944246.6933	1024149.1661
1853	506+65.09	67.00' LT.	1944255.9643	1024152.9143
2025	507+34.26	67.00' LT.	1944230.5338	1024216.7730
2026	507+34.26	57.00' LT.	1944221.2315	1024213.1033
627	503+15.14	0.00' LT.	1944324.9944	1023803.4987
628	505+29.83	0.00' LT.	1944244.4942	1024002.5230
	200+00.00			
627	506+42.15	0.00' LT.	1944202.3778	1024106.6495

CURVE LEGEND ~ U.S. ROUTE 20				
CURVE	CHORD	BEARING	RADIUS	ARC
A	109.64'	N 68°-16'-23" W	10644.53'	109.65'

PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
0N20002	0.833	0.014		0.819	0.006	261	06–27–403–015
0N20002TE							
0N20005	0.897	0.048		0.849			06–27–403–013
0N20005TE–A					0.028		
0N20005TE–B					0.038		

LINE LEGEND ~ U.S. ROUTE 20		
LINE	LENGTH	BEARING
B	2.69'	N 11°-33'-14" E
C	3.47'	S 11°-33'-14" W
D	10.00'	N 22°-00'-47" E
E	68.74'	S 68°-17'-10" E
F	10.00'	S 21°-31'-44" W
G	17.40'	S 68°-31'-05" E
H	23.41'	S 30°-38'-31" E

REVISION DATE: __/__/___ REVISION MADE BY: _____

IDOT USE ONLY

APPROVED
By Miguel.Corrano at 1:58 pm, Jul 26, 2023
TOTAL SHEETS 141
SHEET NO. 59

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 20

LIMITS: U.S. RT. 20 AT OAK AVE. & BARTLETT RD. COUNTY: COOK
SECTION: _____ JOB NO.: R–90–009–22
STA. 501+00.00 TO STA. 507+52.35
SCALE: 1" = 30' SHEET 6 OF 12 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

PART OF THE SOUTHEAST QUARTER OF SECTION 27, TWP. 41 N., R. 9 E., OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

SEE SHEET 9

SEE SHEET 6

SEE SHEET 4

SEE SHEET 9

SEE DETAIL SHEET 8

℄ U.S. ROUTE 20 (LAKE STREET) CURVE DATA

PI STA. = 508+97.25
Δ = 2° 43' 55" (LT)
D = 0° 32' 08"
R = 10,698.11'
T = 255.10'
L = 510.10'
E = 3.04'
P.C. STA. = 506+42.15
P.C.C. STA. = 511+52.25

LEGEND

SECTION CORNER

QUARTER SECTION CORNER

GRAPHIC SCALE FEET

SCALE: 1"= 20'

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE (APL)
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

- ○ IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5/8" REBAR SET
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

SURVEY NOTES:
1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99994396.
4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
5. FIELD SURVEY COMPLETED ON FEBRUARY 28, 2022.

STATE OF ILLINOIS)
) SS
COUNTY OF DuPAGE)

THIS IS TO CERTIFY THAT WE, MARCHESE AND SONS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002762, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 27, TOWNSHIP 41 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION,STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS THIS 19th. DAY OF JULY, 2023 A.D.

Dominic J Marchese

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002335
LICENSE EXPIRATION DATE: NOVEMBER 30, 2024

STATE OF ILLINOIS PROFESSIONAL LAND SURVEYOR 035-002335 DOMINIC J. MARCHESE

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Marchese and Sons, Inc.
land marine construction surveys
10 MONACO DRIVE, ROSELLE IL. 60172
PHONE : (630) 894-5680 FAX : (630) 894-8869

PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

COORDINATE TABLE ~ US ROUTE 20

PT. NO.	STATION	OFFSET	NORTHING	EASTING
1680	507+52.35	53.58' LT.	1944211.4598	1024228.5956
1869	201+22.76	39.00' RT.	1944355.9119	1024067.1537
1682	507+51.75	57.00' LT.	1944214.8609	1024229.2909
1850	505+95.71	57.00' LT.	1944272.6286	1024084.9676
1866	200+71.35	50.00' RT.	1944303.3420	1024066.7734
1867	200+88.43	34.00' RT.	1944323.4762	1024054.8462
1868	201+22.76	50.00' RT.	1944353.5325	1024077.8933
2018	506+00.19	53.58' LT.	1944267.7854	1024087.8366
1852	506+65.07	57.00' LT.	1944246.6933	1024149.1661
1853	506+65.09	67.00' LT.	1944255.9643	1024152.9143
2025	507+34.26	67.00' LT.	1944230.5338	1024216.7730
2026	507+34.26	57.00' LT.	1944221.2315	1024213.1033
1678	506+42.15	53.58' LT.	1944252.0498	1024126.7406
628	505+29.83	0.00' LT.	1944244.4942	1024002.5230
	200+00.00			
627	PC 506+42.15	0.00' LT.	1944202.3778	1024106.6495
1870	201+44.65	39.00' RT.	1944377.2836	1024071.8887
1871	201+44.65	45.00' RT.	1944375.9856	1024077.7466
1873	202+06.58	45.00' RT.	1944436.4496	1024091.1426
1874	202+06.58	39.00' RT.	1944437.7475	1024085.2847
1580	202+45.28	34.00' RT.	1944476.6139	1024088.7744
2080	202+44.46	39.00' RT.	1944474.7276	1024093.4777

LINE LEGEND ~ U.S. ROUTE 20

LINE	LENGTH	BEARING
B	2.69'	N 11°-33'-14" E
C	3.47'	S 11°-33'-14" W
D	10.00'	N 22°-00'-47" E
E	68.74'	S 68°-17'-10" E
F	10.00'	S 21°-31'-44" W
G	17.40'	S 68°-31'-05" E

CURVE LEGEND ~ U.S. ROUTE 20

CURVE	CHORD	BEARING	RADIUS	ARC
A	109.64'	N 68°-16'-21" W	10644.53'	109.65'

PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
0N20002	0.833	0.014		0.819	0.006	261	06-27-403-015
0N20002TE							
0N20005	0.897	0.048		0.849			06-27-403-013
0N20005TE-A					0.028		
0N20005TE-B					0.038		

REVISION DATE: __/__/____ REVISION MADE BY: _____

IDOT USE ONLY

APPROVED
By Miguel.Corsano at 1:58 pm, Jul 26, 2023

TOTAL SHEETS 141
SHEET NO. 60

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 20

LIMITS: U.S. RT. 20 AT OAK AVE. & BARTLETT RD. COUNTY: COOK
SECTION: _____ JOB NO.: R-90-009-22
STA. 505+29.83 TO STA. 508+00.00
SCALE: 1" = 20' SHEET 7 OF 12 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

PART OF THE SOUTHEAST QUARTER OF SECTION 27, TWP. 41 N., R. 9 E., OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

SEE SHEET 12

PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
0N20003	1.626	0.252	0.213	1.374			06-27-403-016

BELLAIRE MANOR RECORDED MARCH 22, 1971 AS DOCUMENT NUMBER 2548070

NOTE 1: ACCORDING TO COOK COUNTY STUDY OF EXISTING R.O.W. 5-19-1978 THE ROAD WIDTH IS 4 RODS BY TOWNSHIP DEDICATION DATED 1-15-1859 PER HANOVER TOWNSHIP RECORD PG. 76

NORTH LINE OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 27-T41N-R9E

Iron Pipe Found 0.49' N. & 0.25' E.

Iron Pipe Found 0.04' S

Iron Pipe Found 0.22' N

Iron Rod in Concrete Found 0.07' N. & 0.04' W.

Iron Rod Found 0.12' N

(91.36')

DEED = 357.83' N 89°-32'-58" E 360.31'

319.58' N 88°-32'-58" E

46.17' II 35.56'

38.10' 35.56'

40.73' S 88°-32'-58" W

DEED = 155.91' N 02°-58'-46" W 155.88'

℄ BARTLETT ROAD CURVE DATA

PI STA. = 205+36.57
Δ = 18° 15' 57" (RT)
D = 9° 01' 35"
R = 634.75'
T = 102.04'
L = 202.36'
E = 8.15'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 204+34.52
P.T. STA. = 206+36.88

*SEE SHEET 12

SEE NOTE 1 OCCUPIED 33.0 FT. RIGHT-OF-WAY

PC Sta 204+34.52

PROPOSED RIGHT-OF-WAY

SEE NOTE 1 33.0 FT. RIGHT-OF-WAY AS MONUMENTED AND OCCUPIED

CB = S 16°-20'-12" W
CH = 64.25'
CR = 634.75'
L = 64.27'

L = 122.20'
R = 914.65'

R = 881.65'
L = 130.37'

205+00

(L = 129.65')
(R = 881.65')
CH = 130.15'
CB = N 15°-47'-12" E
L = 130.27

RADIUS = 848.65'
L = 138.37'

204+00

203+00

202+00

201+00

9.32' N 11°-33'-14" W

6.22' S 77°-30'-28" E

3.00' N 77°-30'-28" W

17.98' N 12°-29'-32" E

1.00' N 77°-30'-28" W

S 12°-29'-32" W 176.36'

S 11°-33'-14" W 151.39'

(157.41') N 11°-33'-14" E 157.41'

DEED = 157.45'

Deed = 79°-40'-00"

Deed = 100°-18'-00" N 11°-33'-14" E 154.13'

PROPOSED RIGHT-OF-WAY

BARTLETT ROAD

0N20003

0N20006TE-B

0N20006-B

S 77°-30'-28" E 1.00'

0N20006-A

0N20006TE-A

30.0 FT. INGRESS AND EGRESS EASEMENT PER GRANT OF EASEMENT RECORDED NOVEMBER 15, 1987 AS DOCUMENT NUMBER 87619626

LINE DESCRIBED PARALLEL WITH THE CENTERLINE OF U.S. ROUTE 20 FROM A POINT THAT IS 250.80 FEET MEASURED (250.82 FEET DEEDED) NORTHEASTERLY AS MEASURED ALONG THE CENTERLINE OF BARTLETT ROAD FROM THE INTERSECTION WITH U.S. ROUTE 20

Deed = 65°-14'-00"

(Record = 77.11') 77.21'

N 68°-06'-46" W Record = 307.60' Record = 226.55'

N 68°-06'-46" W 265.82'

S 68°-06'-46" E 185.85'

0.80' Gap Between Deed Lines

Iron Pipe Found 0.23' S. & 1.31' W.

Iron Pipe Found 1.04' S & 1.11' E

Iron Pipe Found 1.06' S & 3.00' E

(Record = 389.16')

(Record = 389.73')

(Record = 272.26')

Deed = 250.82' 3.8' Gap Between Deed Lines

N 11°-33'-09" E 199.18' Record = 250.00'

Iron Pipe Found

Iron Pipe Found 0.14' S. & 0.54' W.

LINE PARALLEL WITH THE CENTERLINE OF U.S. ROUTE 20 FROM POINT ON THE CENTERLINE OF BARTLETT ROAD (MEASURED ALONG THE CENTERLINE OF BARTLETT ROAD) FROM THE INTERSECTION WITH U.S. ROUTE 20

PROPOSED TEMPORARY EASEMENT

EXISTING RIGHT-OF-WAY ACCORDING TO PLAT OF HIGHWAYS RECORDED JUNE 29, 1983 AS DOCUMENT NUMBER 26666129 AND CONVEYED BY DEED RECORDED AS DOCUMENT NUMBER 26663540

S 11°-33'-14" W 184.10' Record = 184.12'

Iron Pipe Found 30.39' W. & On Line

Iron Pipe Found 0.42' N. & 30.52' W

Deed = 250.80' Record = 250.82' N 11°-33'-14" E 250.80'

Record = 174.89' N 11°-33'-14" E 175.00'

Iron Pipe Found 0.26' N & 0.05' E

Iron Pipe Found 0.18' N & 0.12' W

EXISTING RIGHT-OF-WAY ACCORDING TO PLAT OF HIGHWAYS RECORDED JUNE 29, 1983 AS DOCUMENT NUMBER 26666129

Iron Rod Found 0.19' N & 0.15' W

PROPOSED TEMPORARY EASEMENT

Record = 230.49' 230.49' S 05°-08'-46" E 200.02'

PROPOSED TEMPORARY EASEMENT

PROPOSED RIGHT-OF-WAY

PROPOSED TEMPORARY EASEMENT

63.01' ONE STORY FRAME BUILDING 62.15'

28.70' 28.73' 25.02' 30.07'

S 11°-33'-14" W 199.92'

Record = 250.82' = 250.82'

Iron Bar Found 0.04' W

71.51' 71.45'

38.39' N 28°-16'-45" E (38.39')

N 68°-06'-46" W 108.01'

Iron Pipe Found 0.26' N & 0.09' W

R = 67.00' L = 116.68' CH = 67.00' CB = N65°16'28"W

0N20005

0N20002

0N20051E-A

0N20051E-B

0N20066E-B

0N20066-B

0N20066-A

0N20066TE-A

0N20066TE-B

P.O.B. PARCEL 0N20002

P.O.B. PARCEL 0N20003

P.O.B. PARCEL 0N20005

P.O.B. PARCEL 0N20006-B

P.O.B. PARCEL 0N20006TE-B

P.O.C. = INTERSECTION OF CENTERLINES, ESTABLISHED FROM MONUMENTED RIGHT-OF-WAY CORNERS EXISTING FROM PLAT OF HIGHWAYS RECORDED JUNE 29, 1983 AS DOCUMENT NUMBER 26666129

Deed Centerline = N 68°-06'-46" W
U.S. Route 20 Centerline = N 67°-58'-41" W

US 20 STA. 505+29.83
BARTLETT ROAD STA. 200+00.00

PT Sta 503+15.14

N 67°-58'-41" W

50.00'

US ROUTE 20 (LAKE STREET)

170.84' N 68°-06'-46" W Record = 170.85'

S 61°-33'-58" W 19.26' Record = 19.15'

Iron Pipe Found 0.05' N. & 0.60' W.

PROPOSED RIGHT-OF-WAY

PROPOSED TEMPORARY EASEMENT

SEE SHEET 5

SEE SHEET 6

SEE SHEET 7

SEE SHEET 9

LEGEND

SECTION CORNER

QUARTER SECTION CORNER

SECTION / QUARTER SECTION LINE
PLATTED LOT LINES
PROPERTY (DEED) LINE
APL APPARENT PROPERTY LINE
EXISTING CENTERLINE
PROPOSED CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
EXISTING ACCESS CONTROL LINE
AC PROPOSED ACCESS CONTROL LINE
129.32' MEASURED DIMENSION
129.32' (COMP) COMPUTED DIMENSION
(129.32') RECORDED DIMENSION
EXISTING BUILDING

GRAPHIC SCALE FEET
0 30
SCALE: 1"= 30'

IRON PIPE OR ROD FOUND
CUT CROSS FOUND OR SET
"MAG" NAIL SET
5/8" REBAR SET

STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET

SURVEY NOTES:
1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99994396.
4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
5. FIELD SURVEY COMPLETED ON FEBRUARY 28, 2022.

STATE OF ILLINOIS)
) SS
COUNTY OF DuPAGE)

THIS IS TO CERTIFY THAT WE, MARCHESE AND SONS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002762, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 27, TOWNSHIP 41 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION,STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS THIS 19th. DAY OF JULY, 2023 A.D.

Dominic J Marchese

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002335
LICENSE EXPIRATION DATE:NOVEMBER 30, 2024

STATE OF ILLINOIS PROFESSIONAL LAND SURVEYOR 035-002335 DOMINIC J. MARCHESE

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Marchese and Sons, Inc.
land marine construction surveys
10 MONACO DRIVE, ROSELLE IL. 60172
PHONE : (630) 894-5680 FAX : (630) 894-8869

PROJECT COORDINATES ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)				
COORDINATE TABLE ~ BARTLETT ROAD				
PT. NO.	STATION	OFFSET	NORTHING	EASTING
597	205+40.84	0.00' LT.	1944770.1331	1024128.0792
629	204+34.52	0.00' LT.	1944668.7355	1024096.5152
630	206+36.88	0.00' LT.	1944856.0548	1024170.7754
1580	202+45.28	34.00' RT.	1944476.6139	1024088.7744
1686	204+08.73	5.36' LT.	1944644.7119	1024085.6996
1688	205+38.08	6.40' LT.	1944769.9564	1024121.1090
1690	204+34.52	44.00' LT.	1944678.2531	1024053.5569
1715	202+45.89	30.31' RT.	1944478.0064	1024085.3025
1875	203+03.13	39.00' RT.	1944532.0116	1024106.1692
1876	203+03.13	40.00' RT.	1944531.7953	1024107.1456
1877	203+82.02	40.00' RT.	1944608.8176	1024124.2101
1878	203+82.02	39.00' RT.	1944609.0339	1024123.2338
1879	204+00.00	39.00' RT.	1944626.5883	1024127.1230
1880	204+00.00	39.00' RT.	1944627.6698	1024122.2414
1881	204+00.00	27.78' RT.	1944629.0143	1024116.1731
1898	205+23.02	44.00' LT.	1944768.9254	1024080.3922
1890	202+58.16	44.00' LT.	1944506.0646	1024015.4079
2080	202+44.46	39.00' RT.	1944474.7276	1024093.4777
3349	200+00.00	0.00' LT.	1944244.7734	1024003.9401
	505+29.83			
3350	202+50.78	3.34' LT.	1944490.4915	1024054.1723
3355	202+56.82	36.42' LT.	1944502.9960	1024023.0461

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 20

LIMITS: U.S. RT. 20 AT OAK AVE. & BARTLETT RD. COUNTY: COOK
SECTION: _____ JOB NO.: R-90-009-22
STA. 200+00.00 TO STA. 205+38.08
SCALE: 1" = 30' SHEET 8 OF 12 SHEETS

IDOT USE ONLY

APPROVED By Miguel.Comano at 1:58 pm, Jul 26, 2023

TOTAL SHEETS 141
SHEET NO. 61

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

REVISION DATE: __/__/____ REVISION MADE BY: _____

PART OF THE SOUTHEAST QUARTER OF SECTION 27, TWP. 41 N., R. 9 E., OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

SEE SHEET 5

SEE SHEET 8

SEE SHEET 6 & 7

Iron Rod in Concrete Found 0.07' N. & 0.04' W.

Iron Pipe Found 0.49' N. & 0.25' E.

(Oaks Unit No. One = 741.68')
(Deed = 741.27')
(Deed = N 88°-28'-55" E)
N 88°-32'-58" E
740.86'
705.24'
N 88°-32'-58" E

NORTHEAST CORNER OF THE SOUTH HALF OF THE SOUTHEAST QUARTER OF SECTION 27-T41N-R9E

Iron Pipe Found 0.41' S.

NORTH LINE OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 27-T41N-R9E

EAST LINE OF THE SOUTHEAST QUARTER OF SECTION 27-T41N-R9E

WEST LINE OF THE SOUTHWEST QUARTER OF SECTION 26-T41N-R9E

BARTLETT ROAD

PC Sta 204+34.52

PROPOSED RIGHT-OF-WAY

ON20003

33.00'

PROPOSED RIGHT-OF-WAY LINE

33.0 FT. RIGHT-OF-WAY AS MONUMENTED AND OCCUPIED

PROPOSED TEMPORARY EASEMENT LINE

OCCUPIED 33.0 FT. RIGHT-OF-WAY

Line Deeded (250.82 Feet) Measured 250.80 Feet Northerly (as Measured along the Centerline of Bartlett Road) and Parallel with Centerline of U.S. Route 20

Line Deeded 250.00 Feet Northerly (as Measured along the Centerline of Bartlett Road) and Parallel with Centerline of U.S. Route 20

R = 874.25'
L = 322.20'
Curve One

R = 874.25'
L = 322.20'
Curve Two

205+00

204+00

203+00

202+00

201+00

Deed = N 11°-33'-14" E
157.45'

Deed = 100'-18"-00"
153.45'

S 11°-33'-14" W
151.39'

S 5°-40'-00" W
152.41'

S 12°-29'-32" W
176.36'

81.44

73.69

315.09

213.88

152.79

234.19

59.58

60.01

60.49

60.80

12.83

THREE STORY BRICK APARTMENT BUILDING
201.66'

THREE STORY BRICK APARTMENT BUILDING
202.11'

THREE STORY BRICK APARTMENT BUILDING
202.09'

THREE STORY BRICK APARTMENT BUILDING
202.10'

ONE STORY FRAME BUILDING

SEE SHEET 8 FOR PARCEL DATA
SEE SHEET 6 FOR DRIVEWAY
SEE SHEET 12 FOR COORDINATES

DETAIL "A"
(NOT TO SCALE)

L = 191.13'
R = 10644.53'
C = 191.13'
CB = N 69°-04'-59" W

CB = N69°13'47"W
CH = 246.92'
R = 10641.11'
= 246.92'

ON20006-A
EXISTING ROW LINE
2029
1705
L = 246.86'
R = 11409.17'
CH = 246.86'
CB = S69°04'00"E

ON20006TE-A
PROPOSED TEMPORARY EASEMENT LINE
2032
1707
6.74'
N 20°-06'-18" E
S 20°-06'-18" W
0.84'
N 66°-18'-23" W
S 66°-18'-23" E
N 66°-18'-23" W
Radius = 11409.17'
425.33'
PROPOSED ROW LINE

DETAIL "B"
(NOT TO SCALE)
(200.05')
200.92'
197.23'
ON20005TE-A
1682
CB = N69°13'47"W
CH = 246.92'
R = 10641.11'
= 246.92'
S 11°-33'-14" W
3.47'
ON20006TE-A
P.O.B. PARCEL ON20006TE-A
ON20005
1718
2.69'
CB = S69°04'59"E
CH = 191.13'
R = 10641.53'
= 191.13'
ON20006-A
3297
CB = S69°04'00"E
CH = 246.86'
R = 11409.17'
= 246.86'
P.O.B. PARCEL ON20006-A

P.O.B. PARCEL ON20006-B
P.O.B. PARCEL ON20006TE-B
Record = 230.49'
N 69°-08'-46" W
196.95'
200.02'
S 69°-08'-46" E
Iron Rod Found 0.18' N. & 0.15' W.
Iron Pipe Found 0.18' N. & 3.19' W.

ON20002
ON20005
ON20005TE-A
ON20005TE-B
P.O.B. PARCEL ON20006TE-A
P.O.B. PARCEL ON20006-A
S 11°-33'-14" W
3.47'
197.23'
199.92'
(200.05')
(250.82')
126.07
PROPOSED TEMPORARY EASEMENT LINE
PROPOSED ROW LINE
ON20006-A
L = 191.13'
R = 10644.53'
CH = 191.13'
CB = S69°04'59"E
ON20006TE-A
L = 246.92'
R = 10641.11'
CH = 246.92'
CB = N69°13'47"W
2.69'
S 11°-33'-14" W
Iron Rod Found 0.04' W.
SEE DETAIL "B"
122.45
6.74'
N 20°-06'-18" E
SEE DETAIL "A"
N 66°-18'-23" W
CB = N70°45'16"W
CH = 428.31'
R = 11885.00'
= 11409.17'
425.33'
50.00' TO DEED CENTERLINE
48.58' TO FINAL CENTERLINE
(L = 672.22')
(R = 11985.00')
(CB = N 70°-14'-19" W)
EXISTING RIGHT-OF-WAY LINE AS WIDENED BY CONDEMNATION PROCEEDINGS IN CASE 62E27626
R = 672.19'
CH = 11409.17'
CB = N70°08'04"W
PCC Sta 511+52.25
49.58'
50.00' TO DEED CENTERLINE
49.08' TO FINAL CENTERLINE
(Deed = 807.97')
S 00°-08'-27" W
808.27'
Iron Rod Found 0.24' S. & 0.06' E.
Iron Pipe Found 1.30' S. & 0.03' W.
Iron Rod Found Bent 1.40' S. & 2.81' E.
51.64'
US 20 STA. 514+76.83
OAK AVENUE STA. 300+00.00
596
300+00
299+00
P.O.C. PARCEL ON20002
P.O.C. PARCEL ON20005
P.O.C. PARCEL ON20005-A
P.O.C. PARCEL ON20006TE-A
P.O.C. PARCEL ON20006-B
P.O.C. PARCEL ON20006TE-B
US 20 STA. 505+29.83
BARTLETT ROAD STA. 200+00.00
EXISTING R.O.W. LINE PER DOC. NO. 26666129
Iron Rod Found 0.04'
(76.05)
50.90'
E06+42.15
PC Sta
L = 246.86'
R = 11409.17'
CH = 246.86'
CB = S69°04'00"E
1718
3297
1682
1852
1853
1705
1707
2029
2032
596
CURVE 2: ON PLAT OF HIGHWAY PER DOC. NO. 26666129
RADIUS = 11459.17'
LENGTH = 976.67'
CHORD = 976.37'
US ROUTE 20 (LAKE STREET)
100.00'
SEE SHEET 9 & 10

PROJECT COORDINATES ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)				
COORDINATE TABLE ~ US ROUTE 20				
PT. NO.	STATION	OFFSET	NORTHING	EASTING
2029	509+44.45	53.58' LT.	1944143.2225	1024407.1317
2032	510+00.00	57.00' LT.	1944127.2978	1024460.1627
1705	510+00.85	50.20' LT.	1944120.6268	1024458.6218
1707	510+00.00	50.26' LT.	1944120.9675	1024457.8455
1718	507+52.35	53.58' LT.	1944211.4598	1024228.5956
1682	507+51.75	57.00' LT.	1944214.8609	1024229.2909
3297	507+52.81	50.93' LT.	1944208.8250	1024228.0570
596	514+43.85	0.00' LT.	1943928.8047	1024860.0576

PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
0N20006-A	10.765	0.016		10.731			06-27-403-014
0N20006TE-A					0.021		06-27-403-014
0N20006-B		0.018					06-27-403-014
0N20006TE-B					0.020		

* SEE SHEET 8 FOR 0N20006B AND 0N20006TE-B *

CURVE DATA ONE

RADIUS = 881.65'
ARC LENGTH = 130.23'
RECORD = (129.65')
CHORD BEARING =
N 15°-47'-08" E
CHORD = 130.11'

CURVE DATA TWO

RADIUS = 848.65'
ARC LENGTH = 138.37'
CHORD BEARING =
N 16°-13'-30" E
CHORD = 138.22'

℄ U.S. ROUTE 20 (LAKE STREET) CURVE DATA

PI STA. = 508+97.25
Δ = 2° 43' 55" (LT)
D = 0° 32' 08"
R = 10,698.11'
T = 255.10'
L = 510.10'
E = 3.04'
P.C. STA. = 506+42.15
P.C.C. STA. = 511+52.25

℄ U.S. ROUTE 20 (LAKE STREET) CURVE DATA

PI STA. = 514+42.84
Δ = 2° 13' 11" (LT)
D = 0° 22' 55"
R = 15,000.00'
T = 290.58'
L = 581.10'
E = 2.81'
P.C.C. STA. = 511+52.25
P.T. STA. = 517+33.35

LEGEND

SECTION CORNER

QUARTER SECTION CORNER

GRAPHIC SCALE FEET

SCALE: 1"= 50'

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- AC PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

- ○ IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5/8" REBAR SET
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

SURVEY NOTES:
1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99994396.
4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
5. FIELD SURVEY COMPLETED ON FEBRUARY 28, 2022.

STATE OF ILLINOIS)
) SS
COUNTY OF DuPAGE)

THIS IS TO CERTIFY THAT WE, MARCHESE AND SONS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002762, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 27, TOWNSHIP 41 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION,STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS THIS 19th. DAY OF JULY 2023 A.D.

Dominic J Marchese

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002335
LICENSE EXPIRATION DATE: NOVEMBER 30, 2024

STATE OF ILLINOIS PROFESSIONAL LAND SURVEYOR 035-002335 DOMINIC J. MARCHESE

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Marchese and Sons, Inc.
land marine construction surveys
10 MONACO DRIVE, ROSELLE IL. 60172
PHONE : (630) 894-5680 FAX : (630) 894-8869

REVISION DATE: __/__/____ REVISION MADE BY: _____

IDOT USE ONLY

APPROVED
By Miguel.Corriano at 1:58 pm, Jul 26, 2023

TOTAL SHEETS 141
SHEET NO. 62

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 20

LIMITS: U.S. RT. 20 AT OAK AVE. & BARTLETT RD. COUNTY: COOK
SECTION: _____ JOB NO.: R-90-009-22
STA. 505+29.83 TO STA. 514+76.83
SCALE: 1" = 50' SHEET 9 OF 12 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

PART OF THE SOUTHEAST QUARTER OF SECTION 27, TWP. 41 N., R. 9 E., OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

SEE SHEET 9

SEE SHEET 4

SEE SHEET 12

US ROUTE 20

504+00 505+00 506+00 507+00 508+00 509+00 510+00 511+00 512+00 513+00 514+00

EXISTING RIGHT-OF-WAY ACCORDING TO GRANT RECORDED JUNE 4, 1975 AS DOCUMENT NUMBER 23102590

PT Sta 503+15.14

US 20 STA. 505+29.83
BARTLETT ROAD STA. 200+00.00

ON20009-B

ON20009IE-B

P.O.C. PARCEL ON20002
P.O.C. PARCEL ON20005

Iron Rod Found 0.04' W

632

PC Sta 506+42.15

53.78'

59.90'

ON20002

201+00

ON20005

ONE STORY FRAME BUILDING

ON20005IE-A

THREE STORY BRICK APARTMENT BUILDING

204.09'

126.07'

PROPOSED TEMPORARY EASEMENT LINE

PROPOSED ROW LINE

ON20008-A

ON20008IE-A

234.19'

122.45'

2029

2032

1705

1707

CR GB = N70°45'16"W
R = 11459.17'
CH = 425.51'
(R = 11985.00')
CH = 425.33'

R = 672.19'
R = 11459.17'
CH = 672.08'
CB = N74°08'04"W

PCC Sta 511+52.25
(L = 1182.22')
(R = 11985.00')
(CB = N 70°-14'-19" W)

EXISTING RIGHT-OF-WAY LINE AS WIDENED BY CONDEMNATION PROCEEDINGS IN CASE 78L28026

THREE STORY BRICK APARTMENT BUILDING

22.10'

59.58'

60.49'

60.80'

12.83'

50.00'

EAST LINE OF THE SOUTHEAST QUARTER OF SECTION 27-T41N-R9E

WEST LINE OF THE SOUTHWEST QUARTER OF SECTION 26-T41N-R9E

SEE CURVE NO. 1

633

Iron Rod Found 0.24' S. & 0.06' E.
Iron Pipe Found 1.30' S. & 0.03' W.
Iron Rod Found Bent 1.40' S. & 2.81' E.

52.58'

634

(LAKE STREET)

515+00 516+00

300+00

US 20 STA. 514+76.83
OAK AVENUE STA. 300+00.00

O'HARE - ELGIN AND BARTLETT ROAD INTERCHANGE RECORDED 6-4-1975 AS DOCUMENT NUMBER 23102590 AND DOCUMENT NUMBER 23102591

CURVE NO. 1
L = 733.20'
R = 11459.17'
CH = 733.08'
CB = N 70°-04'-15" W

PT Sta 298+71.63

635

N 00°-42'-49" E
288.27'

298+00

N 00°-06'-27" E
739.24'

665.46'
N 00°-06'-27" E

WEST LINE OF THE EAST 9.50 ACRES OF THE SOUTHEAST QUARTER OF SECTION 27-T41N-R9E LYING SOUTHERLY OF THE CENTERLINE OF U.S. ROUTE 20

LAND OWNED BY THE PEOPLE OF THE STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

S 00°-06'-27" W
469.30'

297+00

EXISTING R.O.W. LINE PER 1973 I.D.O.T. PLAT (NOT RECORDED) NO OCCUPATION IN FIELD

296+00

EXISTING RIGHT-OF-WAY LINE PER DOCUMENT NUMBER 23948364 AND DOCUMENT NUMBER 23926118

SOUTH LINE OF THE SOUTHEAST QUARTER OF SECTION 27-T41N-R9E

S 88°-20'-22" W
651.42'
(110.00')
689.98'
S 88°-20'-22" W
691.65' Per 1973 I.D.O.T. Plat (Not Recorded)

(80.0) (80.0) (80.0) (80.0) (80.0) (131.94') (54.44) (53.05)

Cross Notch Found
Mag Nail Found
Cross Notch Found

55.94'
55.40'
38.56'
42.30'
70.46'

T 41 N
27 26
34 35
R 09 E

Mag Nail Found
Southeast Corner of Section 27-T41N-R9E
Northing = 1943458.5577
Easting = 1024859.1749

Cross Notch Found

295+00

84.19'
85.79'

Chord = 656.17'
Chord Bearing = S 5°-12'-37" W
Radius = 641.16'

294+00

OAK AVENUE

293+00

PC Sta 292+30.17

636

Outlot A

WILLIAMSBURG HILLS UNIT NUMBER TWO RECORDED OCTOBER 18, 1988 AS DOCUMENT NUMBER 88479257

30 31 32 33 34 6 5 4 3 2 1

EASTGATE HILLS SUBDIVISION RECORDED JULY 16, 1990 AS DOCUMENT NUMBER 90340616

FORD LANE

EXISTING RIGHT-OF-WAY LINE PER DOCUMENT NUMBER 23948364 AND DOCUMENT NUMBER 23926118

LEGEND

SECTION CORNER

QUARTER SECTION CORNER

GRAPHIC SCALE FEET

SCALE: 1"= 60'

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- P — PROPERTY (DEED) LINE
- APL — APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- AC — PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

- ○ IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ "MAG" NAIL SET
- ● 5/8" REBAR SET
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

SURVEY NOTES:
1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99994396.
4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
5. FIELD SURVEY COMPLETED ON FEBRUARY 28, 2022.

PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

COORDINATE TABLE ~ US ROUTE 20

PT. NO.	STATION	OFFSET	NORTHING	EASTING
632	506+42.15	0.00	1944202.3778	1024106.6495
633	511+52.25	0.00	1944022.4530	1024583.9128
634	514+76.83	0.00	1943918.5523	1024891.4004
635	298+71.63	0.00	1943790.1963	1024889.8017
636	292+30.17	0.00	1943171.7142	1024741.0093

℄ U.S. ROUTE 20 (LAKE STREET) CURVE DATA

PI STA. = 514+42.84
Δ = 2° 13' 11" (LT)
D = 0° 22' 55"
R = 15,000.00'
T = 290.58'
L = 581.10'
E = 2.81'
P.C.C. STA. = 511+52.25
P.T. STA. = 517+33.35

℄ OAK AVENUE CURVE DATA

PI STA. = 295+56.36
Δ = 25° 37' 37" (LT)
D = 3° 59' 42"
R = 1,434.16'
T = 326.19'
L = 641.46'
E = 36.63'
e = 2.63'
T.R. = 40'
S.E. RUN = 51'
P.C. STA. = 292+30.17
P.T. STA. = 298+71.63

℄ U.S. ROUTE 20 (LAKE STREET) CURVE DATA

PI STA. = 508+97.25
Δ = 2° 43' 55" (LT)
D = 0° 32' 08"
R = 10,698.11'
T = 255.10'
L = 510.10'
E = 3.04'
P.C. STA. = 506+42.15
P.C.C. STA. = 511+52.25

STATE OF ILLINOIS)
) SS
COUNTY OF DuPAGE)

THIS IS TO CERTIFY THAT WE, MARCHESE AND SONS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002762, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 27, TOWNSHIP 41 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION,STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS THIS 24th. DAY OF AUGUST, 2023 A.D.

Dominic J Marchese

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002335
LICENSE EXPIRATION DATE: NOVEMBER 30, 2024

STATE OF ILLINOIS PROFESSIONAL LAND SURVEYOR 035-002335 DOMINIC J. MARCHESE

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Marchese and Sons, Inc.
land marine construction surveys
10 MONACO DRIVE, ROSELLE IL. 60172
PHONE : (630) 894-5680 FAX : (630) 894-8869

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 20

LIMITS: U.S. RT. 20 AT OAK AVE. & BARTLETT RD. COUNTY: COOK
SECTION: _____ JOB NO.: R-90-009-22
STA. 505+29.83 TO STA. 514+76.83
SCALE: 1" = 60' SHEET 10 OF 12 SHEETS

IDOT USE ONLY

TOTAL SHEETS 141
SHEET NO. 63

APPROVED
By Miguel.Corriano at 1:01 pm, Aug 24, 2023

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

REVISION DATE: __/__/____ REVISION MADE BY: _____

PART OF THE SOUTHWEST QUARTER OF SECTION 26, TWP. 41 N., R. 9 E., OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

℄ U.S. ROUTE 20 (LAKE STREET) CURVE DATA
PI STA. = 514+42.84
Δ = 2° 13' 11" (LT)
D = 0° 22' 55"
R = 15,000.00'
T = 290.58'
L = 581.10'
E = 2.81'
P.C.C. STA. = 511+52.25
P.T. STA. = 517+33.35

℄ BARTLETT ROAD CURVE DATA
PI STA. = 295+56.36
Δ = 25° 37' 37" (LT)
D = 3° 59' 42"
R = 1,434.16'
T = 326.19'
L = 641.46'
E = 36.63'
e = 2.6%
T.R. = 40'
S.E. RUN = 51'
P.C. STA. = 292+30.17
P.T. STA. = 298+71.63

LEGEND

SECTION CORNER

QUARTER SECTION CORNER

GRAPHIC SCALE FEET

SCALE: 1"= 30'

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- AC PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- ⊕ "MAG" NAIL SET
- ● 5/8" REBAR SET
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ □ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

SURVEY NOTES:
1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99994396.
4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
5. FIELD SURVEY COMPLETED ON FEBRUARY 28, 2022.

PROJECT COORDINATES ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)				
COORDINATE TABLE ~ BARTLETT ROAD				
PT. NO.	STATION	OFFSET	NORTHING	EASTING
1888	298+40.63	36.17' RT.	1943757.9734	1024925.2248
1889	298+40.51	75.00' RT.	1943756.5243	1024964.0329
1886	297+66.60	37.66' RT.	1943682.0933	1024922.1699
1887	297+66.72	75.00' RT.	1943679.0232	1024959.3866
1884	297+18.13	38.58' RT.	1943632.5049	1024917.9890
1885	297+17.93	70.00' RT.	1943628.5509	1024949.1635
1882	296+57.83	39.66' RT.	1943571.0242	1024910.3822
1883	296+58.02	70.00' RT.	1943566.3406	1024940.3642
634	514+76.83	0.00' LT.	1943918.5523	1024891.4004
	300+00.00			
635	298+71.63	0.00' LT.	1943790.1963	1024889.8017
638	517+33.35	0.00' LT.	1943841.1566	1025135.9687
639	520+59.29	0.00' LT.	1943745.4781	1025447.5479

CURVE LEGEND ~ BARTLETT ROAD				
CURVE	CHORD	BEARING	RADIUS	ARC
C1	15.49'	N 04°-08'-02" E	1432.69'	15.49'
C2	75.94'	S 02°-18'-20" W	1432.69'	75.95'
C3	77.64'	N 03°-25'-51" E	1509.16'	77.65'
C4	34.28'	S 05°-07'-44" W	1432.69'	34.28'
C5	61.95'	S 07°-03'-12" W	1432.69'	61.95'

PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
0N20008TE-A	3.335				0.067		06-26-302-013
0N20008TE-B					0.044		06-26-302-012

REVISION DATE: __/__/____ REVISION MADE BY: _____

STATE OF ILLINOIS)
) SS
COUNTY OF DuPAGE)

THIS IS TO CERTIFY THAT WE, MARCHESE AND SONS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002762, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 27, TOWNSHIP 41 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION,STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS THIS 19th. DAY OF JULY, 2023 A.D.

Dominic J Marchese

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002335
LICENSE EXPIRATION DATE:NOVEMBER 30, 2024

STATE OF ILLINOIS PROFESSIONAL LAND SURVEYOR 035-002335 DOMINIC J. MARCHESE

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Marchese and Sons, Inc.
land marine construction surveys
10 MONACO DRIVE, ROSELLE IL. 60172
PHONE : (630) 894-5680 FAX : (630) 894-8869

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 20

LIMITS: U.S. RT. 20 AT OAK AVE. & BARTLETT RD. COUNTY: COOK
SECTION: _____ JOB NO.: R-90-009-22
STA. 295+00.00 TO STA. 300+00.00
SCALE: 1" = 30' SHEET 11 OF 12 SHEETS

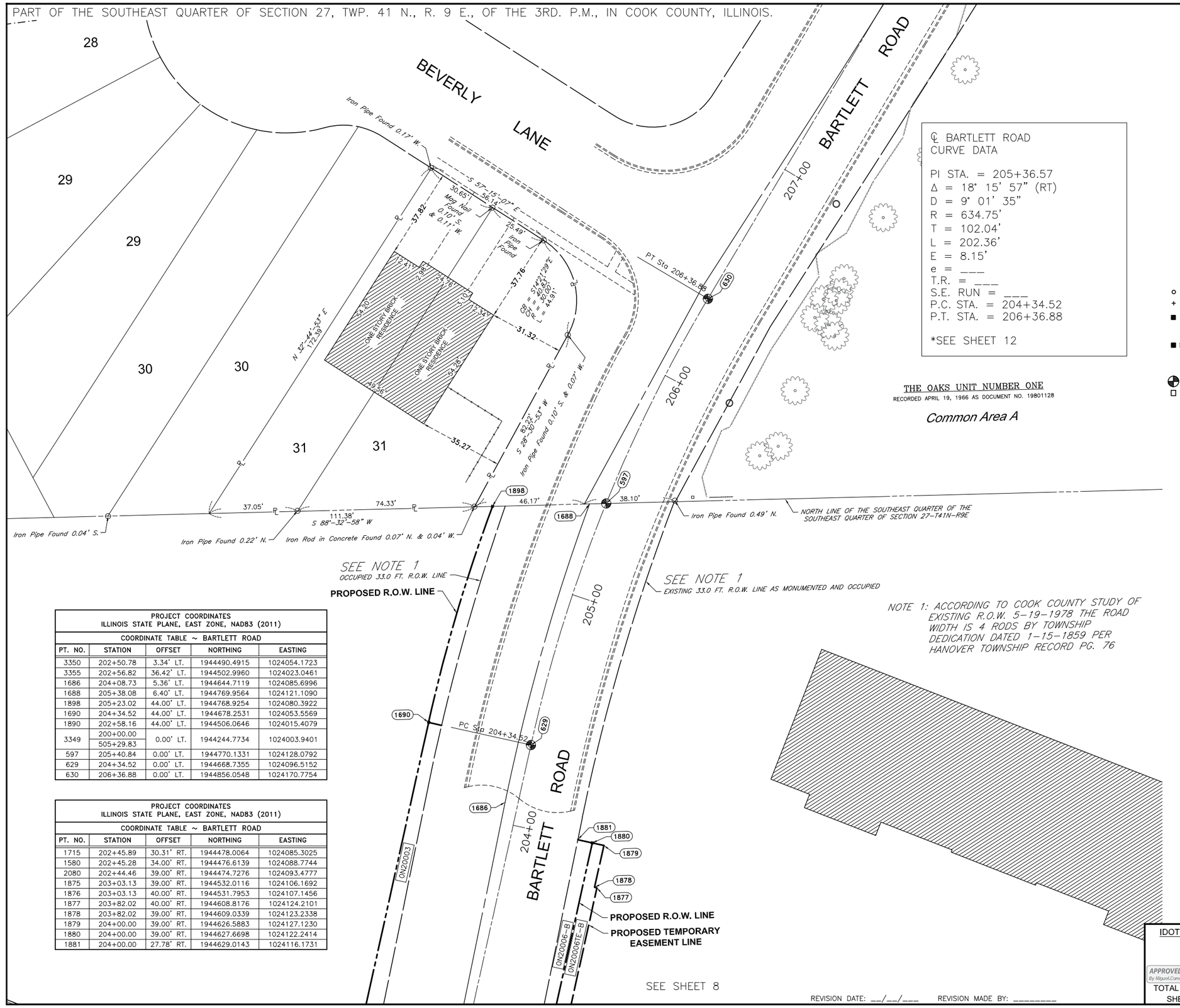
IDOT USE ONLY

APPROVED
By Miguel.Corcoran at 1:58 pm, Jul 26, 2023

TOTAL SHEETS 141
SHEET NO. 64

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

PART OF THE SOUTHEAST QUARTER OF SECTION 27, TWP. 41 N., R. 9 E., OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



℄ BARTLETT ROAD
CURVE DATA

PI STA. = 205+36.57
Δ = 18° 15' 57" (RT)
D = 9° 01' 35"
R = 634.75'
T = 102.04'
L = 202.36'
E = 8.15'
e = ___
T.R. = ___
S.E. RUN = ___
P.C. STA. = 204+34.52
P.T. STA. = 206+36.88

*SEE SHEET 12

THE OAKS UNIT NUMBER ONE
RECORDED APRIL 19, 1966 AS DOCUMENT NO. 19801128

Common Area A

NOTE 1: ACCORDING TO COOK COUNTY STUDY OF EXISTING R.O.W. 5-19-1978 THE ROAD WIDTH IS 4 RODS BY TOWNSHIP DEDICATION DATED 1-15-1859 PER HANOVER TOWNSHIP RECORD PG. 76

LEGEND

SECTION CORNER
QUARTER SECTION CORNER
N
GRAPHIC SCALE FEET
SCALE: 1"= 20'

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- P — PROPERTY (DEED) LINE
- APL — APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- AC — PROPOSED ACCESS CONTROL LINE
- 129.32' — MEASURED DIMENSION
- 129.32' (COMP) — COMPUTED DIMENSION
- (129.32') — RECORDED DIMENSION
- EXISTING BUILDING

- IRON PIPE OR ROD FOUND
- "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

SURVEY NOTES:
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4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
5. FIELD SURVEY COMPLETED ON FEBRUARY 28, 2022.

PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

COORDINATE TABLE ~ BARTLETT ROAD

PT. NO.	STATION	OFFSET	NORTHING	EASTING
3350	202+50.78	3.34' LT.	1944490.4915	1024054.1723
3355	202+56.82	36.42' LT.	1944502.9960	1024023.0461
1686	204+08.73	5.36' LT.	1944644.7119	1024085.6996
1688	205+38.08	6.40' LT.	1944769.9564	1024121.1090
1898	205+23.02	44.00' LT.	1944768.9254	1024080.3922
1690	204+34.52	44.00' LT.	1944678.2531	1024053.5569
1890	202+58.16	44.00' LT.	1944506.0646	1024015.4079
3349	200+00.00	0.00' LT.	1944244.7734	1024003.9401
	505+29.83			
597	205+40.84	0.00' LT.	1944770.1331	1024128.0792
629	204+34.52	0.00' LT.	1944668.7355	1024096.5152
630	206+36.88	0.00' LT.	1944856.0548	1024170.7754

PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

COORDINATE TABLE ~ BARTLETT ROAD

PT. NO.	STATION	OFFSET	NORTHING	EASTING
1715	202+45.89	30.31' RT.	1944478.0064	1024085.3025
1580	202+45.28	34.00' RT.	1944476.6139	1024088.7744
2080	202+44.46	39.00' RT.	1944474.7276	1024093.4777
1875	203+03.13	39.00' RT.	1944532.0116	1024106.1692
1876	203+03.13	40.00' RT.	1944531.7953	1024107.1456
1877	203+82.02	40.00' RT.	1944608.8176	1024124.2101
1878	203+82.02	39.00' RT.	1944609.0339	1024123.2338
1879	204+00.00	39.00' RT.	1944626.5883	1024127.1230
1880	204+00.00	39.00' RT.	1944627.6698	1024122.2414
1881	204+00.00	27.78' RT.	1944629.0143	1024116.1731

STATE OF ILLINOIS)
) SS
COUNTY OF DuPAGE)

THIS IS TO CERTIFY THAT WE, MARCHESE AND SONS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002762, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 27, TOWNSHIP 41 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION,STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS THIS 19th. DAY OF JULY, 2023 A.D.

Dominic J Marchese

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002335
LICENSE EXPIRATION DATE:NOVEMBER 30, 2024

STATE OF ILLINOIS PROFESSIONAL LAND SURVEYOR 035-002335 DOMINIC J. MARCHESE

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Marchese and Sons, Inc.
land marine construction surveys
10 MONACO DRIVE, ROSELLE IL. 60172
PHONE : (630) 894-5680 FAX : (630) 894-8869

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 20

LIMITS: U.S. RT. 20 AT OAK AVE. & BARTLETT RD. COUNTY: COOK
SECTION: _____ JOB NO.: R-90-009-22
STA. 204+34.52 TO STA. 206+36.88
SCALE: 1" = 20' SHEET 12 OF 12 SHEETS

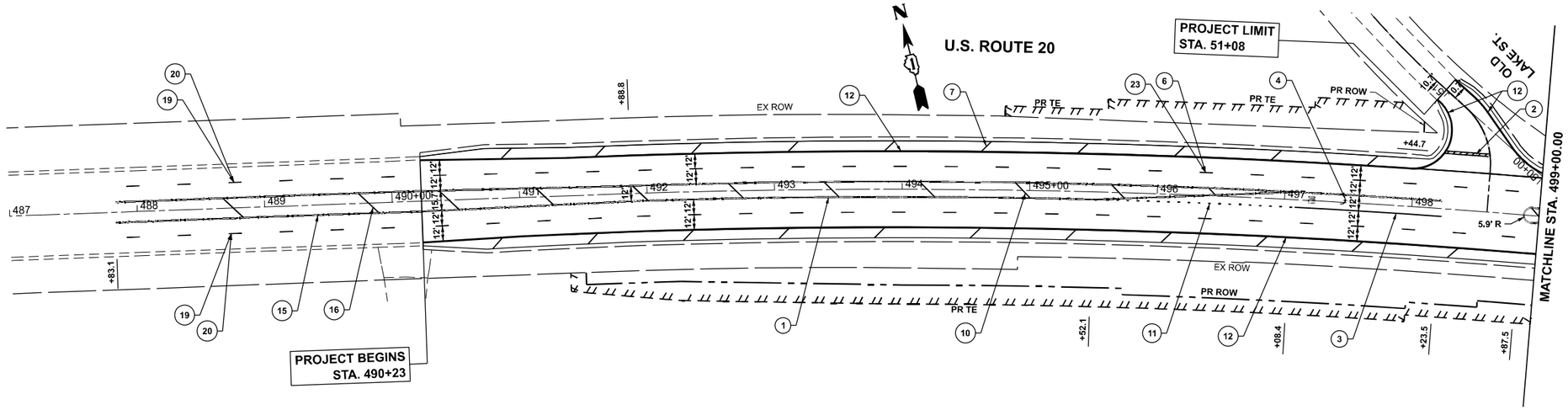
IDOT USE ONLY

APPROVED
By Miguel.Corrano at 1:59 pm, Jul 26, 2023

TOTAL SHEETS 141
SHEET NO. 65

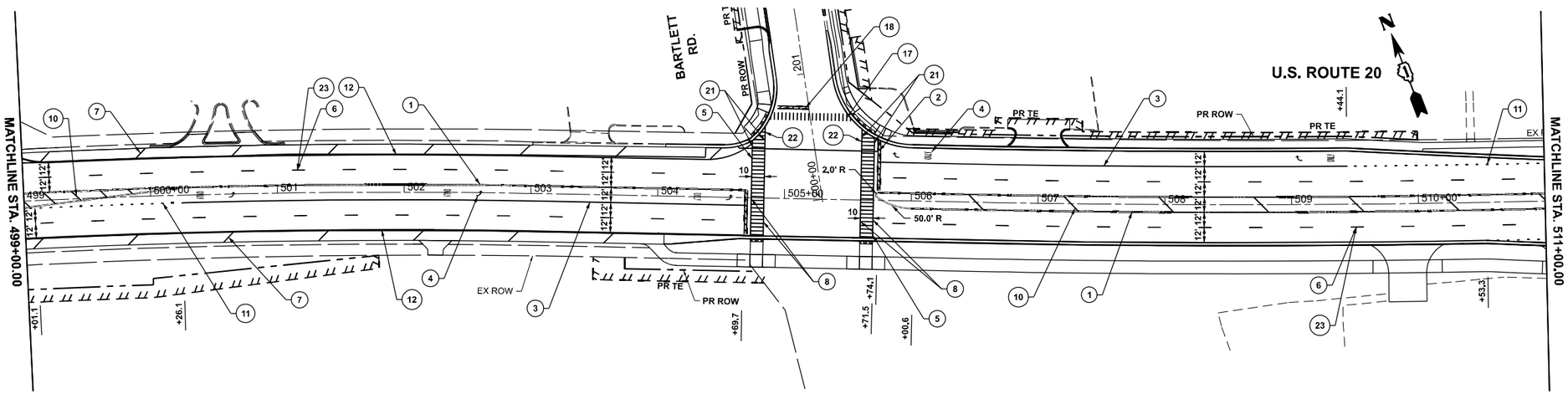
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

REVISION DATE: __/__/___ REVISION MADE BY: _____



PAVEMENT MARKING LEGEND

1. THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.)
2. THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE LINE (TYP.)
3. THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE LINE (TYP.)
4. THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID WHITE (TYP.)
5. THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 2' APART (TYP. UNLESS OTHERWISE NOTED)
6. PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD, 4" SKIP-DASH WHITE LINE, 10' DASH - 30' SKIP (TYP.)
7. THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL LINE (TYP.)
8. THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C (TYP. UNLESS OTHERWISE NOTED)
9. THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL LINE, SPACED 2' APART (TYP. UNLESS OTHERWISE NOTED)
10. THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL LINE (TYP.)
11. THERMOPLASTIC PAVEMENT MARKING, 6" DOTTED WHITE LINE, 2' DASH - 6' SKIP (TYP.)
12. THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE EDGE LINE (TYP.)
13. THERMOPLASTIC PAVEMENT MARKING, 4" SKIP-DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.)
14. THERMOPLASTIC PAVEMENT MARKING, 4" SOLID YELLOW LINE , 5½" C-C FROM SKIP-DASH UNLESS OTHERWISE SHOWN (TYP.)
15. MODIFIED URETHANE PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.)
16. MODIFIED URETHANE PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL LINE (TYP.)
17. MODIFIED URETHANE PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 2' APART (TYP. UNLESS OTHERWISE NOTED)
18. MODIFIED URETHANE PAVEMENT MARKING, 24" SOLID WHITE LINE (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.)
20. GROOVING FOR RECESSED PAVEMENT MARKING, 8" - SKIP-DASH LINE, 10' DASH - 30' SKIP (TYP.)
21. MODIFIED URETHANE PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C (TYP. UNLESS OTHERWISE NOTED)
22. MODIFIED URETHANE PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 2' APART (TYP.)
23. GROOVING FOR RECESSED PAVEMENT MARKING, 5" - SKIP-DASH LINE, 10' DASH - 30' SKIP (TYP.)
24. THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW TRANSVERSE LINE (TYP.)



USER NAME = farhan.tariq	DESIGNED -	REVISED - FT, 3/10/2026	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/10/2026	DATE -	REVISED -	

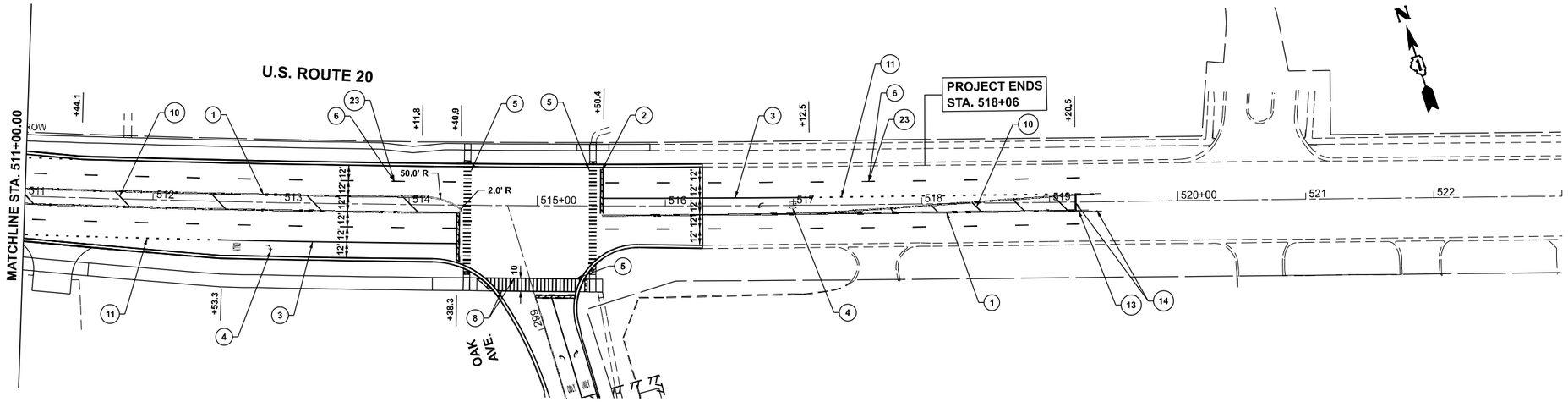
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

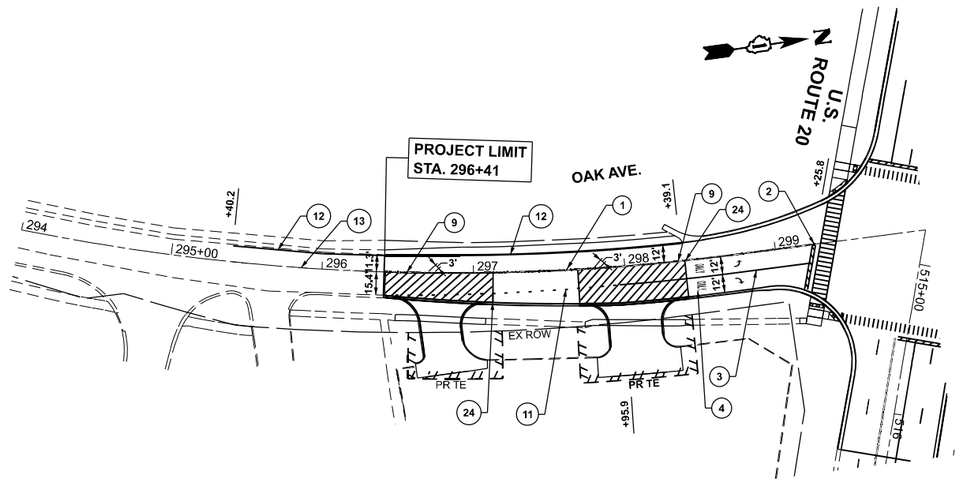
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	66
		CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			

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PAVEMENT MARKING LEGEND

1. THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.)
2. THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE LINE (TYP.)
3. THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE LINE (TYP.)
4. THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID WHITE (TYP.)
5. THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 2' APART (TYP. UNLESS OTHERWISE NOTED)
6. PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD, 4" SKIP-DASH WHITE LINE, 10' DASH - 30' SKIP (TYP.)
7. THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL LINE (TYP.)
8. THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C (TYP. UNLESS OTHERWISE NOTED)
9. THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL LINE, SPACED 2' APART (TYP. UNLESS OTHERWISE NOTED)
10. THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL LINE (TYP.)
11. THERMOPLASTIC PAVEMENT MARKING, 6" DOTTED WHITE LINE, 2' DASH - 6' SKIP (TYP.)
12. THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE EDGE LINE (TYP.)
13. THERMOPLASTIC PAVEMENT MARKING, 4" SKIP-DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.)
14. THERMOPLASTIC PAVEMENT MARKING, 4" SOLID YELLOW LINE , 5½" C-C FROM SKIP-DASH UNLESS OTHERWISE SHOWN (TYP.)
15. MODIFIED URETHANE PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.)
16. MODIFIED URETHANE PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL LINE (TYP.)
17. MODIFIED URETHANE PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 2' APART (TYP. UNLESS OTHERWISE NOTED)
18. MODIFIED URETHANE PAVEMENT MARKING, 24" SOLID WHITE LINE (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.)
20. GROOVING FOR RECESSED PAVEMENT MARKING, 8" - SKIP-DASH LINE, 10' DASH - 30' SKIP (TYP.)
21. MODIFIED URETHANE PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C (TYP. UNLESS OTHERWISE NOTED)
22. MODIFIED URETHANE PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 2' APART (TYP.)
23. GROOVING FOR RECESSED PAVEMENT MARKING, 5" - SKIP-DASH LINE, 10' DASH - 30' SKIP (TYP.)
24. THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW TRANSVERSE LINE (TYP.)



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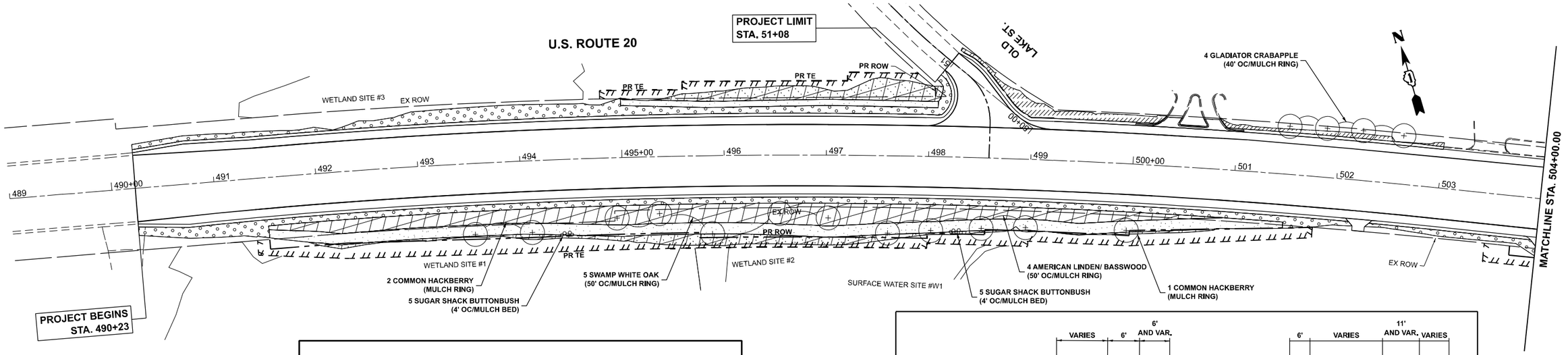
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

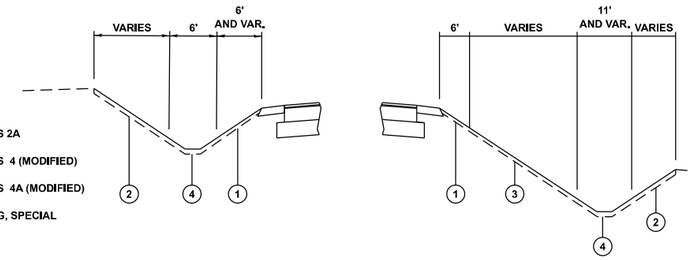
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	67
		CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			



LEGEND

- SEEDING, CLASS 2A
  TOPSOIL EXCAVATION AND PLACEMENT
  (PLACED AT A DEPTH OF 4")
  NITROGEN FERTILIZER NUTRIENT
  POTASSIUM FERTILIZER NUTRIENT
  WILDLIFE FRIENDLY EROSION CONTROL BLANKET
- SEEDING, CLASS 4 (MODIFIED)
  TOPSOIL EXCAVATION AND PLACEMENT
  (PLACED AT A DEPTH OF 4")
  WILDLIFE FRIENDLY EROSION CONTROL BLANKET
- SEEDING, CLASS 4A (MODIFIED)
  TOPSOIL EXCAVATION AND PLACEMENT
  (PLACED AT A DEPTH OF 4")
  WILDLIFE FRIENDLY EROSION CONTROL BLANKET
- SODDING, SALT TOLERANT
  TOPSOIL EXCAVATION AND PLACEMENT
  (PLACED AT A DEPTH OF 4")
  NITROGEN FERTILIZER NUTRIENT
  POTASSIUM FERTILIZER NUTRIENT
- NATIVE SODDING, SPECIAL
  TOPSOIL EXCAVATION AND PLACEMENT
  (PLACED AT A DEPTH OF 4")



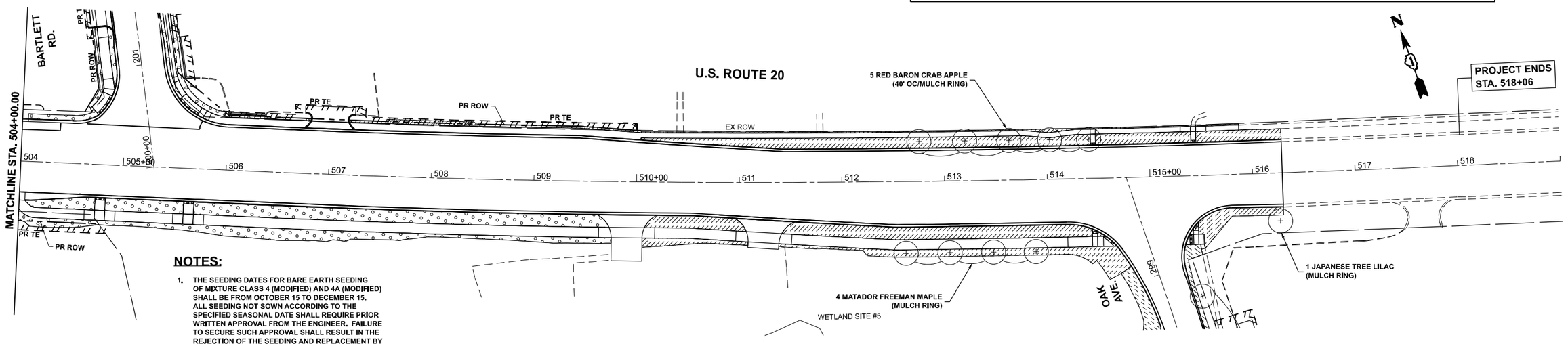
LEGEND

1. SEEDING, CLASS 2A
2. SEEDING, CLASS 4 (MODIFIED)
3. SEEDING, CLASS 4A (MODIFIED)
4. NATIVE SODDING, SPECIAL

STA. 495+00 TO STA. 498+09, LT

STA. 491+50 TO STA. 501+50, RT

US 20 SEEDING/SODDING CROSS SECTION DETAIL



NOTES:

1. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 4 (MODIFIED) AND 4A (MODIFIED) SHALL BE FROM OCTOBER 15 TO DECEMBER 15. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AT HIS/HER EXPENSE.
2. ANY SEEDED AREAS DISTURBED BY THE CONTRACTOR AFTER PERMANENT SEEDING HAS BEEN PLACED SHALL BE REPAIRED BY THE CONTRACTOR AT THEIR OWN EXPENSE.

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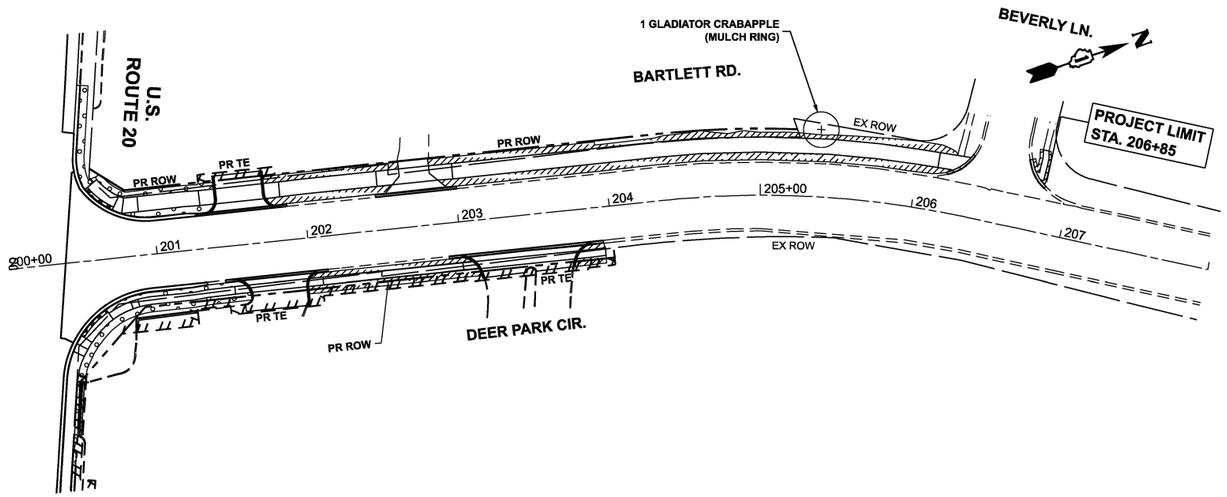
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PLOT DATE = 2/3/2026	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

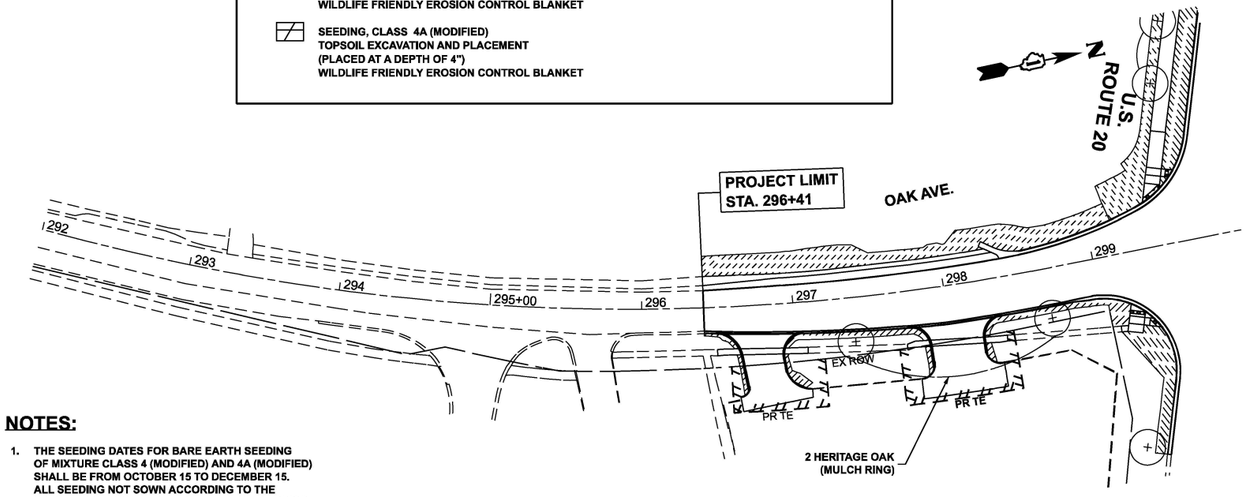
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	68
		CONTRACT NO. 62P51		
		ILLINOIS	FED. AID PROJECT	



LEGEND

- SEEDING, CLASS 2A
  TOPSOIL EXCAVATION AND PLACEMENT
  (PLACED AT A DEPTH OF 4")
  NITROGEN FERTILIZER NUTRIENT
  POTASSIUM FERTILIZER NUTRIENT
  WILDLIFE FRIENDLY EROSION CONTROL BLANKET
- SEEDING, CLASS 4 (MODIFIED)
  TOPSOIL EXCAVATION AND PLACEMENT
  (PLACED AT A DEPTH OF 4")
  WILDLIFE FRIENDLY EROSION CONTROL BLANKET
- SEEDING, CLASS 4A (MODIFIED)
  TOPSOIL EXCAVATION AND PLACEMENT
  (PLACED AT A DEPTH OF 4")
  WILDLIFE FRIENDLY EROSION CONTROL BLANKET
- SODDING, SALT TOLERANT
  TOPSOIL EXCAVATION AND PLACEMENT
  (PLACED AT A DEPTH OF 4")
  NITROGEN FERTILIZER NUTRIENT
  POTASSIUM FERTILIZER NUTRIENT
- NATIVE SODDING, SPECIAL
  TOPSOIL EXCAVATION AND PLACEMENT
  (PLACED AT A DEPTH OF 4")



NOTES:

1. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 4 (MODIFIED) AND 4A (MODIFIED) SHALL BE FROM OCTOBER 15 TO DECEMBER 15. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AT HIS/HER EXPENSE.
2. ANY SEEDED AREAS DISTURBED BY THE CONTRACTOR AFTER PERMANENT SEEDING HAS BEEN PLACED SHALL BE REPAIRED BY THE CONTRACTOR AT THEIR OWN EXPENSE.

CALENDAR OF LANDSCAPE CONSTRUCTION AND ESTABLISHMENT WORK (62P51)

YEAR	MONTH	START DATE	END DATE	TURF WORK	TREE WORK (PLANTING OF NEW TREES)
YEAR ONE	SEPT	1	10	PLACE NATIVE SODDING, SPECIAL	
		11	20		
		21	30		
	OCT	1	10		PLANT EVERGREEN TREES AND CAN PLANT START TO PLANT TREES & SHRUBS
		11	20	SEEDING, CLASS 4A (MOD) & SEEDING, CLASS 4 (MOD) ONCE SOIL TEMPERATURES ARE CONSISTENLY BELOW 50°	
		21	31		
	NOV	1	10		
		11	20		
		21	30		
	DEC	1	10		
		11	20		
		21	31		

CALENDAR OF LANDSCAPE CONSTRUCTION AND ESTABLISHMENT WORK (62P51)

YEAR	MONTH	START DATE	END DATE	TURF WORK		TREE WORK (ESTABLISHMENT OF NEWLY PLANTED TREES)
YEAR TWO	JAN	1	10			
		11	20			
		21	31			
	FEB	1	10			
		11	20			
		21	28			
	MARCH	1	10			
		11	20			PLANT EVERGREEN TREES AND CAN PLANT START TO PLANT TREES & SHRUBS
		21	31			
	APRIL	1	10			
		11	20			
		21	30		SUPPLEMENTAL WATERING OF NATIVE AREAS EVERY TWO DAYS FOR 15 - 20 MINUTES (WEATHER DEPENDENT)	
	MAY	1	10			
		11	20			
		21	31	MOW NATIVE AREAS TO A HEIGHT OF 6" WHEN REACHES A HEIGHT OF 10"		
	JUNE	1	10		SUPPLEMENTAL WATERING OF NATIVE AREAS EVERY THREE DAYS FOR 15 - 20 MINUTES (WEATHER DEPENDENT)	WATER TREES - PART OF ESTABLISHMENT WORK & REMOVE WEEDS FROM NEWLY INSTALLED TREES & VINES
		11	20			SUPPLEMENTAL WATERING OF TREES & REMOVE WEEDS FROM NEWLY INSTALLED TREES & VINES
		21	30	MOW NATIVE AREAS TO A HEIGHT OF 6" WHEN REACHES A HEIGHT OF 10"		SUPPLEMENTAL WATERING OF TREES & REMOVE WEEDS FROM NEWLY INSTALLED TREES & VINES
	JULY	1	10		SUPPLEMENTAL WATERING OF NATIVE AREAS ONCE A WEEK FOR 15 - 20 MINUTES (WEATHER DEPENDENT)	WATER TREES - PART OF ESTABLISHMENT WORK & REMOVE WEEDS FROM NEWLY INSTALLED TREES & VINES
		11	20			SUPPLEMENTAL WATERING OF TREES & REMOVE WEEDS FROM NEWLY INSTALLED TREES & VINES
		21	31	MOW NATIVE AREAS TO A HEIGHT OF 6" WHEN REACHES A HEIGHT OF 10"		SUPPLEMENTAL WATERING OF TREES & REMOVE WEEDS FROM NEWLY INSTALLED TREES & VINES
	AUG	1	10		SUPPLEMENTAL WATERING OF NATIVE AREAS ONCE A WEEK FOR 15 - 20 MINUTES (WEATHER DEPENDENT)	WATER TREES - PART OF ESTABLISHMENT WORK & REMOVE WEEDS FROM NEWLY INSTALLED TREES & VINES
		11	20			SUPPLEMENTAL WATERING OF TREES & REMOVE WEEDS FROM NEWLY INSTALLED TREES & VINES
		21	31	MOW NATIVE AREAS TO A HEIGHT OF 6" WHEN REACHES A HEIGHT OF 10"		SUPPLEMENTAL WATERING OF TREES & REMOVE WEEDS FROM NEWLY INSTALLED TREES & VINES
	SEPT	1	10			WATER TREES - PART OF ESTABLISHMENT WORK & REMOVE WEEDS FROM NEWLY INSTALLED TREES & VINES
		11	20			SUPPLEMENTAL WATERING OF TREES & REMOVE WEEDS FROM NEWLY INSTALLED TREES & VINES
		21	30	MOW NATIVE AREAS TO A HEIGHT OF 6" WHEN REACHES A HEIGHT OF 10"		SUPPLEMENTAL WATERING OF TREES & REMOVE WEEDS FROM NEWLY INSTALLED TREES & VINES
	OCT	1	10			WATER TREES - PART OF ESTABLISHMENT WORK & REMOVE WEEDS FROM NEWLY INSTALLED TREES & VINES
		11	20			SUPPLEMENTAL WATERING OF TREES & REMOVE WEEDS FROM NEWLY INSTALLED TREES & VINES
		21	31			SUPPLEMENTAL WATERING OF TREES & REMOVE WEEDS FROM NEWLY INSTALLED TREES & VINES
	NOV	1	10			PLANT TREE REPLACEMENTS IF NECESSARY
		11	20			
		21	30			

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	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 2/17/2026	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: 1"=50' | SHEET 2 OF 2 SHEETS | STA. 199+97.62 | TO STA. 207+97.62

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	69
		CONTRACT NO. 62P51		
		ILLINOIS	FED. AID PROJECT	

TRAFFIC SIGNAL LEGEND

ITEM	EXISTING	PROPOSED
TRAFFIC SIGNAL CABINET		
UNINTERRUPTABLE POWER SUPPLY		
COMMUNICATION CABINET	ECC	CC
MASTER CONTROLLER	EMC	MC
MASTER MASTER CONTROLLER	EMMC	MMC
SERVICE INSTALLATION -(P) POLE MOUNTED	P	P
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED	G GM	G GM
CELLULAR MODEM	CM	CM
TELEPHONE CONNECTION	ET	T
STEEL MAST ARM ASSEMBLY AND POLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY		BM
WOOD POLE		
GUY WIRE		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD - PROGRAMMABLE	P P	P P
FLASHER INSTALLATION -(FS) SOLAR POWERED	F FS F FS	F FS F FS
PEDESTRIAN SIGNAL HEAD		
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON	APS	APS
RADAR DETECTION SENSOR	R	R
VIDEO DETECTION CAMERA	V	V
RADAR/VIDEO DETECTION ZONE		
PAN, TILT, ZOOM (PTZ) CAMERA	PTZ	PTZ
EMERGENCY VEHICLE LIGHT DETECTOR		
CONFIRMATION BEACON		
WIRELESS INTERCONNECT		
WIRELESS INTERCONNECT RADIO REPEATER	ERR	RR
WIRELESS ACCESS POINT		

ITEM	EXISTING	PROPOSED
HANDHOLE -SQUARE -ROUND		
DOUBLE HANDHOLE		
HEAVY DUTY HANDHOLE -SQUARE -ROUND	H	H
JUNCTION BOX		
RAILROAD CANTILEVER MAST ARM		
RAILROAD FLASHING SIGNAL		
RAILROAD CROSSING GATE		
RAILROAD CROSSBUCK		
RAILROAD CONTROLLER BUNGALOW	R R	R R
UNDERGROUND CONDUIT (UC), GALVANIZED STEEL		
TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE		
SYSTEM ITEM	S	SP
INTERSECTION ITEM	I	IP
REMOVAL ITEM		R
RELOCATE ITEM		RL
ABANDON ITEM		A
CONTROLLER CABINET AND FOUNDATION TO BE REMOVED		RCF
MAST ARM POLE AND FOUNDATION TO BE REMOVED		RMF
SIGNAL POST AND FOUNDATION TO BE REMOVED		RPF
DETECTOR LOOP, TYPE I		
PREFORMED DETECTOR LOOP	P P	P P
WIRELESS DETECTOR SENSOR	W	W

ITEM	EXISTING	PROPOSED
SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD -(EV) ELONGATED VISORS	R Y G — P EV	R Y G — P EV
SIGNAL HEAD WITH BACKPLATE -(RB) RETROREFLECTIVE BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(EV) ELONGATED VISORS	R Y G — RB P EV	R Y G — RB P EV
PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER	C D	C D
ILLUMINATED LED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
ELECTRIC CABLE, SIGNAL, NO. 14 - 2/C, 3/C, 5/C, 7/C	5	5
ELECTRIC CABLE, LEAD-IN, NO. 14, 1 PAIR	1P	1P
SERVICE CABLE, 2/C - NO. 2, NO. 4, NO. 6	2#2 2#4 2#6	2#2 2#4 2#6
GROUND CABLE NO. 6 SOLID COPPER (GREEN), 1/C	1#6	1#6
ELECTRIC CABLE, TRACER, NO. 14, 1/C	1	1
ELECTRIC CABLE, RAILROAD, NO. 14, 3/C	RAILROAD NO. 14 3/C — 3	RAILROAD NO. 14 3/C — 3
ELECTRIC CABLE, STREET NAME SIGN NO. 14, 3/C, TYPE SOOW	SOOW — 3	SOOW — 3
VENDOR CABLE	V	V
EMERGENCY VEHICLE PRIORITY LINE SENSOR CABLE, NO. 20, 3/C	3#20	3#20
OUTDOOR RATED NETWORK CABLE	ONC	ONC
FIBER OPTIC CABLE -12F: 12 MULTIMODE -24F: 12 MULTIMODE / 12 SINGLE MODE -36F: 12 MULTIMODE / 24 SINGLE MODE -24SM: 24 SINGLE MODE -48SM: 48 SINGLE MODE	12F 24F 36F 24SM 48SM	24F 36F 24SM 48SM
GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE	C M P S	C M P S

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	CHECKED - NB/KK	REVISED -	
PLOT DATE = 12/2/2024	DATE - 10/15/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

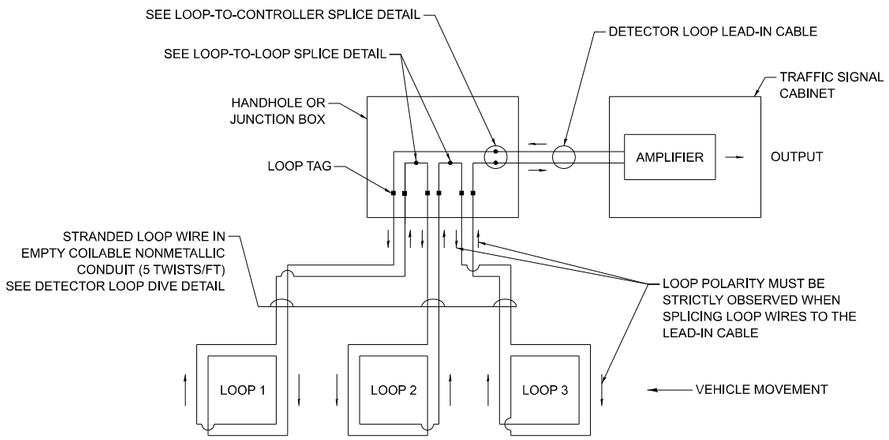
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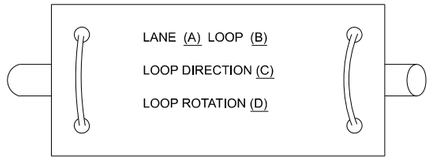
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	69A
	TS-01	CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			

DETECTOR LOOP NOTES:

1. LOOPS SHALL BE SPLICED IN SERIES.
2. SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" AT A DEPTH OF 3". IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
3. LOOP CORNERS SHALL BE DRILLED WITH A 2" DIAMETER CORE.
4. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NON-METALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE, SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6". EMPTY COILABLE NON-METALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE DETECTOR LOOP PAY ITEM.
5. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
6. EACH LEAD-IN CABLE SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP NUMBER, LOOP DIRECTION (IN OR OUT), AND LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE) IN WATER PROOF INK. SEE DETECTOR LOOP LEAD-IN CABLE TAG DETAIL. THE CONTRACTOR SHALL MARK THE LOOP LOCATIONS ON THE RECORD DRAWINGS AND PRESENT THEM TO THE ENGINEER AFTER THE FINAL INSPECTION.
7. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
8. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND THE DIVE HOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" APART.
9. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS.
10. PREFORMED DETECTOR LOOPS SHALL BE USED WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.



DETECTOR LOOP WIRING SCHEMATIC



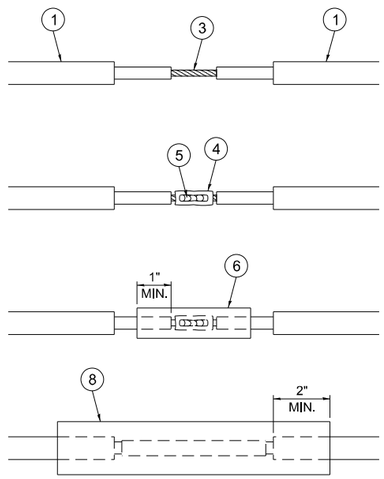
A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY.

B. LOOP #1 IS THE LOOP CLOSEST TO THE INTERSECTION.

C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".

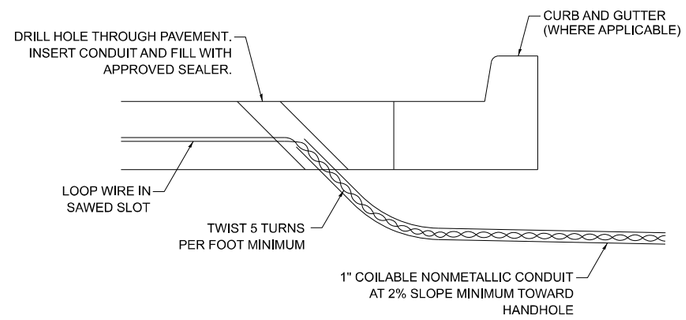
D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

DETECTOR LOOP LEAD-IN CABLE TAG

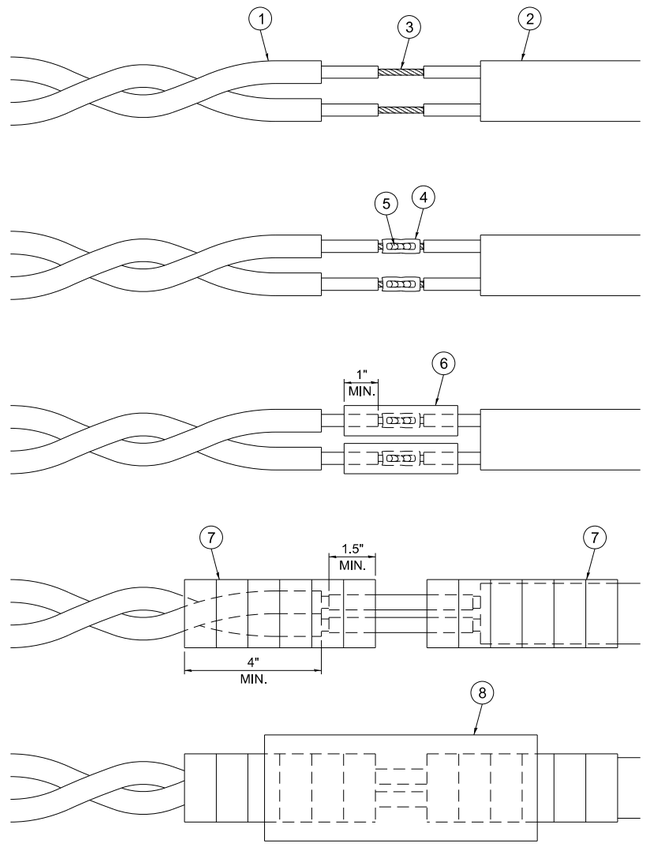


LOOP-TO-LOOP SPLICE DETAIL

1. DETECTOR LOOP CABLE.
2. DETECTOR LOOP LEAD-IN CABLE
3. BARE CONDUCTORS TWISTED TOGETHER.
4. BUTT SPLICE CRIMP CONNECTOR.
5. SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE SPLICES SHALL BE STAGGERED.
6. WCSMW 30/100 HEAT SHRINK TUBE, 3" MINIMUM LENGTH, UNDERWATER GRADE.
7. SELF-INFUSED, SILICONE ELECTRICAL TAPE TIGHTLY WRAPPED AROUND CABLES.
8. WCS 200/750 HEAT SHRINK TUBE, 8" MINIMUM LENGTH, UNDERWATER GRADE.



DETECTOR LOOP DIVE DETAIL



LOOP-TO-CONTROLLER SPLICE DETAIL

USER NAME = Eric.L.thomas	DESIGNED - IP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS	
	DRAWN - IP	REVISED -			
	CHECKED - NB/KK	REVISED -			
PLOT DATE = 12/2/2024	DATE - 10/15/2025	REVISED -		SCALE: NONE SHEET 2 OF 7 SHEETS STA. TO STA.	

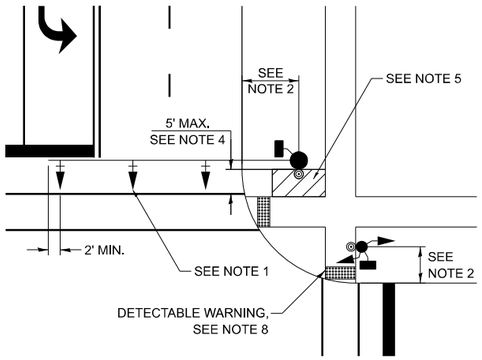
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	69B
TS-01		CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			

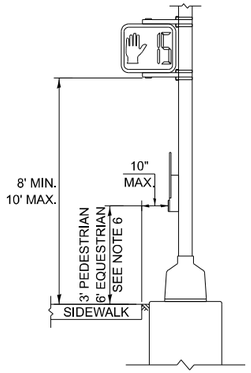
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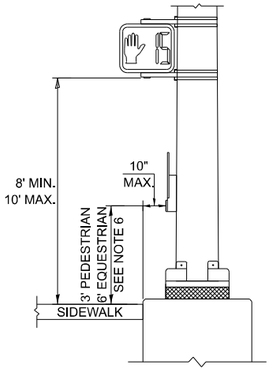
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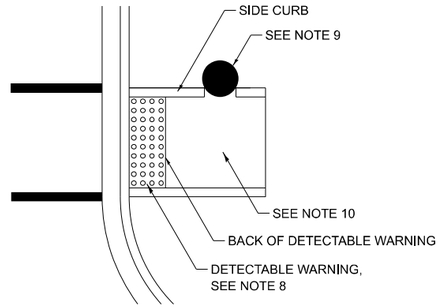
1. THE MAST ARM MOUNTED SIGNAL HEADS SHALL BE CENTERED ON THE LANES OR AS SHOWN ON THE TRAFFIC SIGNAL PLANS.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET MINIMUMS TABLE.
3. A 4' MINIMUM UNOBSTRUCTED PEDESTRIAN ACCESS ROUTE SHALL BE MAINTAINED.
4. THE PUSH-BUTTON SHALL BE LOCATED 5' OR LESS FROM THE OUTSIDE EDGE OF THE MARKED CROSSWALK FARTHEST FROM THE INTERSECTION FOR THE CROSSWALK THAT THE PUSH-BUTTON CONTROLS.
5. IF THE MAST ARM POLE OR SIGNAL POST WHERE THE PUSH-BUTTON IS TO BE INSTALLED IS NOT IMMEDIATELY ADJACENT TO THE SIDEWALK, PROVIDE A FIRM, STABLE, AND SLIP RESISTANT SURFACE UP TO THE MAST ARM POLE OR SIGNAL POST. THE MINIMUM PAVED AREA IN FRONT OF THE PUSH-BUTTON SHALL BE 2.5' X 4'. IF THIS DOES NOT MEET THE REQUIREMENT STATED IN NOTE 3, A SEPARATE PEDESTRIAN SIGNAL POST SHALL BE INSTALLED TO PLACE THE PUSH-BUTTON ADJACENT TO THE SIDEWALK SURFACE.
6. THE HEIGHT OF THE PEDESTRIAN PUSH-BUTTON SHALL BE 36". IF APPROVED BY THE AREA TRAFFIC SIGNAL ENGINEER, THE PUSH-BUTTON MAY BE LOCATED AT A HEIGHT BETWEEN 30" AND 42". THE HEIGHT OF THE EQUESTRIAN PUSH-BUTTON SHAL BE 72" OR AS DIRECTED BY THE ENGINEER.
7. THE FACE OF THE PUSH-BUTTON SHALL BE PARALLEL TO THE CROSSWALK IT CONTROLS.
8. THE PUSH-BUTTON SHALL BE LOCATED BEHIND THE DETECTABLE WARNING.
9. WHERE A PUSH-BUTTON IS BEING INSTALLED ON A MAST ARM POLE OR SIGNAL POST ADJACENT TO THE PEDESTRIAN ACCESS ROUTE, THE PROPOSED FOUNDATION SHALL BE INSTALLED WITHIN THE SIDE CURB IN ORDER TO MEET THE 10" REACH REQUIREMENT.
10. THE SIDEWALK PANEL IN FRONT OF THE PUSH-BUTTON SHALL HAVE A SLOPE LESS THAN 5%.
11. WHERE TWO PEDESTRIAN PUSH-BUTTONS ARE PROVIDED ON THE SAME CORNER, THEY SHALL BE 10' OR MORE APART. EXCEPTION: IN ALTERATIONS WHERE TECHNICALLY INFEASIBLE TO PROVIDE 10' SEPARATION BETWEEN PUSH-BUTTONS ON THE SAME CORNER.
12. CORRESPONDING PEDESTRIAN EQUIPMENT (SIGNAL HEAD AND PUSH-BUTTON) SHALL BE INSTALLED ON THE SAME POST CLOSEST TO THE CROSSWALK IT CONTROLS.
13. PEDESTRIAN SIGNAL HEADS INSTALLED ON MAST ARM POLES OR SIGNAL POSTS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) NOT LESS THAN 8' OR MORE THAN 10' ABOVE SIDEWALK LEVEL. PEDESTRIAN SIGNAL HEADS INSTALLED ON PEDESTRIAN SIGNAL POSTS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) NOT LESS THAN 8' ABOVE SIDEWALK LEVEL. THE PEDESTRIAN SIGNAL HEADS SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
14. THE LOCATIONS OF THE PEDESTRIAN PUSH-BUTTONS AND PEDESTRIAN SIGNAL HEADS SHALL MEET THE REQUIREMENTS OF THE MUTCD, PROWAG, AND THE REQUIREMENTS ON THIS DETAIL SHEET.

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

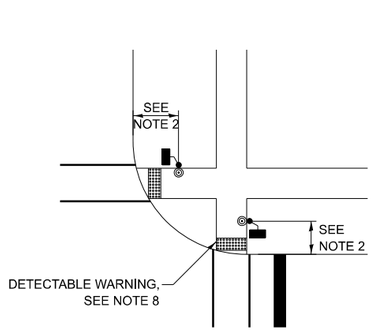


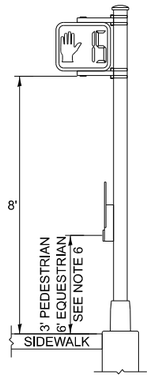


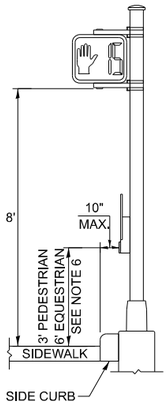




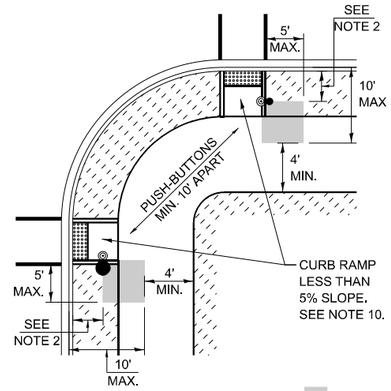
PEDESTRIAN SIGNAL POST

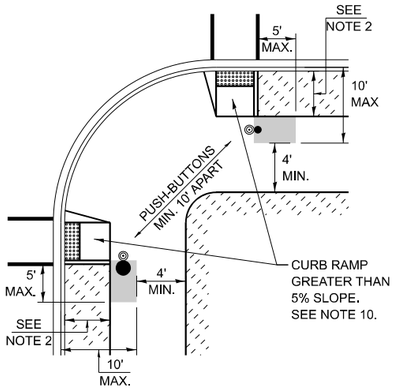






PUSH-BUTTON LOCATIONS





PREFERRED PUSH-BUTTON LOCATION

TRAFFIC SIGNAL EQUIPMENT	BARRIER CURB (MINIMUM DISTANCE FROM THE BACK OF CURB TO THE CENTER OF THE FOUNDATION)	SHOULDER / NON-BARRIER CURB (MINIMUM DISTANCE FROM THE EDGE LINE OF THE RIGHT-MOST LANE TO THE CENTER OF THE FOUNDATION)
MAST ARM ASSEMBLY AND POLE	6'	SHOULDER WIDTH + 2', MINIMUM 10'
SIGNAL POST	4'	SHOULDER WIDTH + 2', MINIMUM 10'
PEDESTRIAN SIGNAL POST	4'	4' - SEE NOTE 2
TEMPORARY WOOD POLE	6'	SHOULDER WIDTH + 2', MINIMUM 10'
TRAFFIC SIGNAL CABINET	6' - SEE NOTE 3	SHOULDER WIDTH + 6', MINIMUM 16' - SEE NOTE 3
SERVICE CABINET	6' - SEE NOTE 3	SHOULDER WIDTH + 6', MINIMUM 16' - SEE NOTE 3

TRAFFIC SIGNAL EQUIPMENT OFFSET MINIMUMS

NOTES:

1. CONTACT THE AREA TRAFFIC SIGNAL ENGINEER FOR ASSISTANCE LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS AND THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF THE DETECTABLE WARNING.
3. MINIMUM DISTANCE TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" TABLE AND THE TRAFFIC SIGNAL PLAN COULD AFFECT THE PLACEMENT OF THE TRAFFIC SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS, AND THE PEDESTRIAN PUSH-BUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THESE REQUIREMENTS. THE LOCATIONS OF THE PEDESTRIAN PUSH-BUTTONS AND PEDESTRIAN SIGNAL HEADS SHALL MEET THE REQUIREMENTS OF THE MUTCD, PROWAG, AND THE REQUIREMENTS ON THIS DETAIL SHEET.

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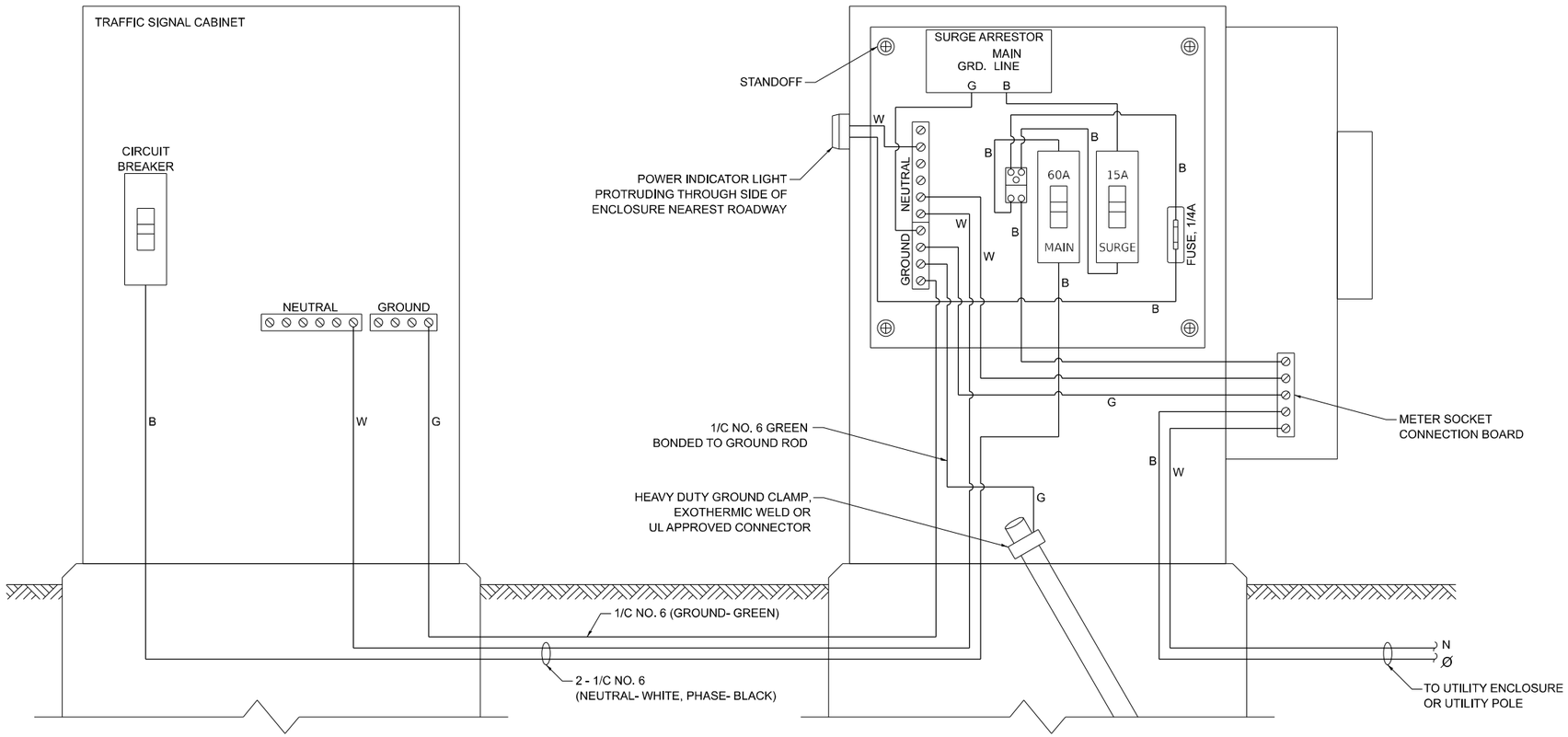
USER NAME = Eric.L.thomas	DESIGNED - IP	REVISED -	
	DRAWN - IP	REVISED -	
	CHECKED - NB/KK	REVISED -	
PLOT DATE = 12/2/2024	DATE - 10/15/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 3 OF 7 SHEETS | STA. | TO STA.

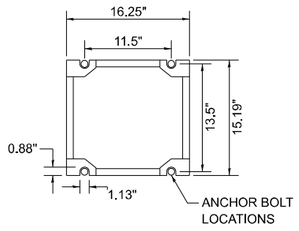
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	69C
	TS-01	CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			



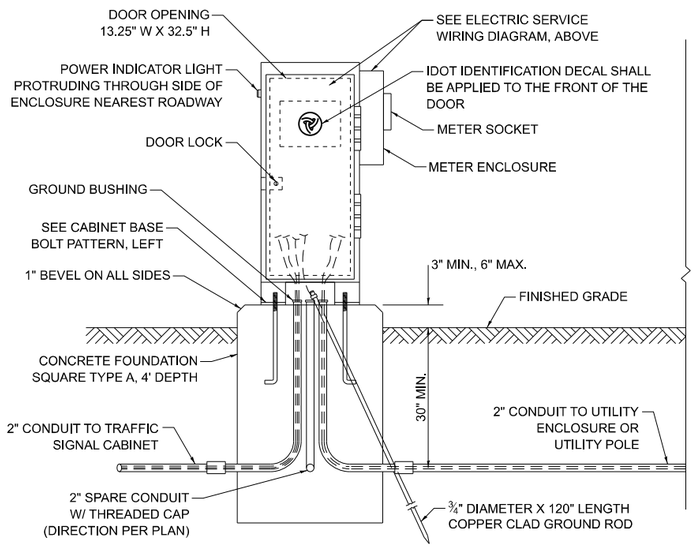
ELECTRIC SERVICE WIRING DIAGRAM IN GROUND MOUNTED SERVICE CABINET

NOTES:

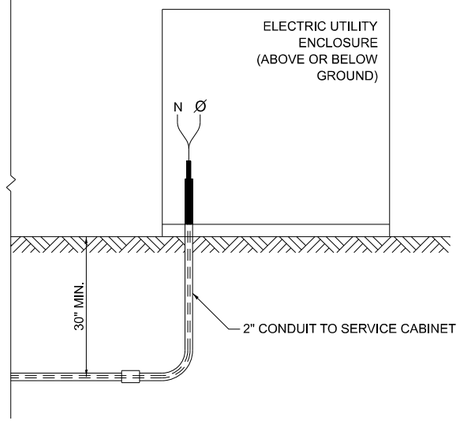
1. THE GROUND MOUNTED SERVICE CABINET IS TO BE LOCATED BETWEEN THE TRAFFIC SIGNAL CABINET AND THE UTILITY CONNECTION, PREFERABLY 20' TO 50' FROM THE TRAFFIC SIGNAL CONTROLLER CABINET.
2. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO UL STD. 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE UL LABEL.
3. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
4. THE METER SOCKET IS TO BE PROVIDED BY THE CONTRACTOR. THE METER IS TO BE PROVIDED BY THE UTILITY COMPANY.



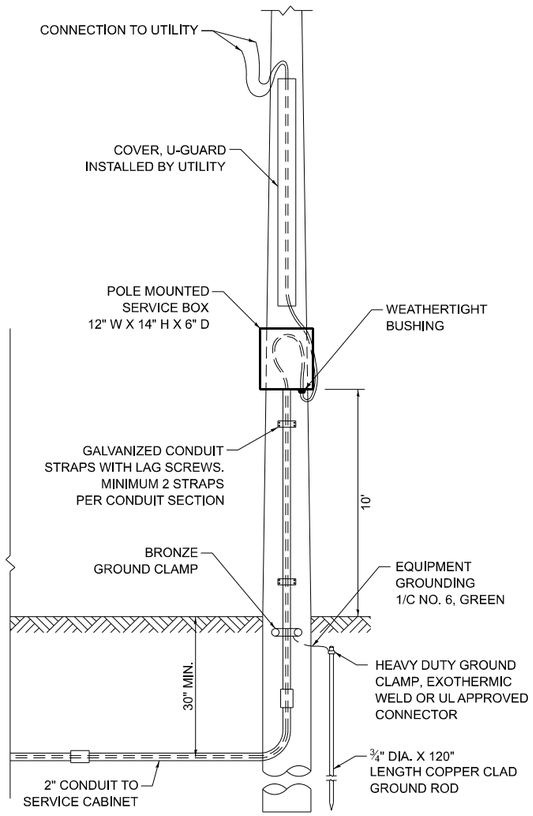
CABINET BASE BOLT PATTERN



SERVICE INSTALLATION - GROUND MOUNTED WITH METER



CONNECTION TO UTILITY ENCLOSURE

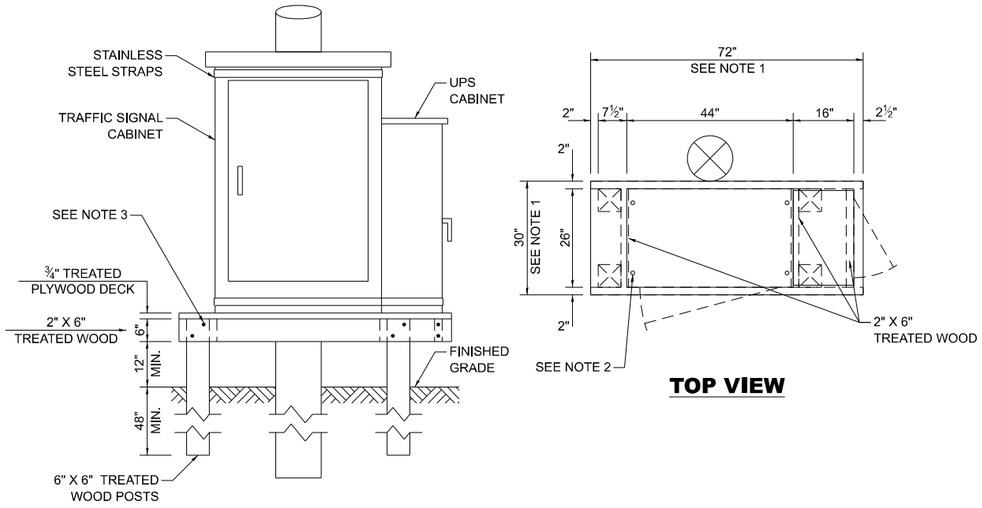


CONNECTION TO UTILITY POLE

USER NAME = Eric.L.thomas	DESIGNED - IP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS	
	DRAWN - IP	REVISED -			
	CHECKED - NB/KK	REVISED -			
PLOT DATE = 12/2/2024	DATE - 10/15/2025	REVISED -		SCALE: NONE SHEET 4 OF 7 SHEETS STA. TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	69D
	TS-01	CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			

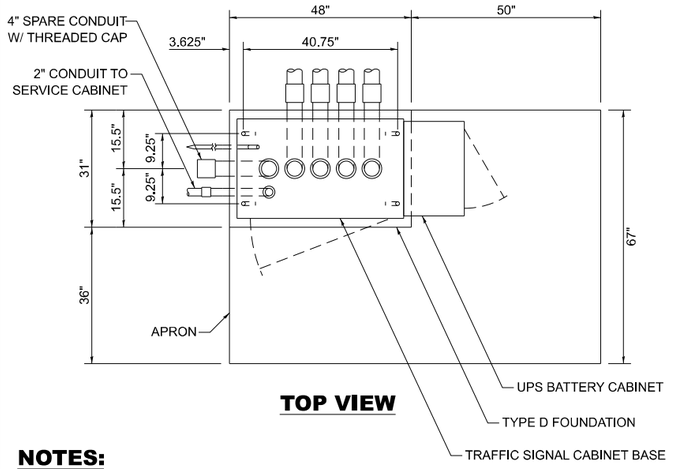
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NOTES:

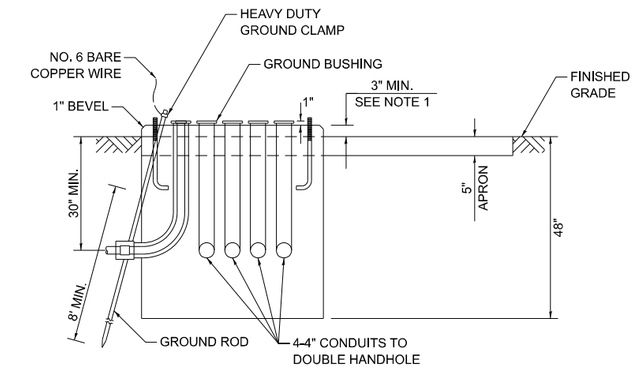
1. THE PLATFORM SIZE IS BASED ON A TRAFFIC SIGNAL CABINET TYPE IV WITH BASE DIMENSIONS OF 26" X 44" AND UNINTERRUPTABLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" X 25". ADJUST THE PLATFORM SIZE TO FIT THE BASE DIMENSIONS OF THE CABINET SUPPLIED.
2. DRILLED HOLES THROUGH THE PLATFORM ARE TO MATCH THE TRAFFIC SIGNAL CABINET BOLT TEMPLATE. THE CABINET SHALL BE FASTENED TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS, AND NUTS.
3. ALL WOOD SUPPORT FRAMING SHALL BE FASTENED TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

TEMPORARY TRAFFIC SIGNAL CABINET WOOD SUPPORT PLATFORM

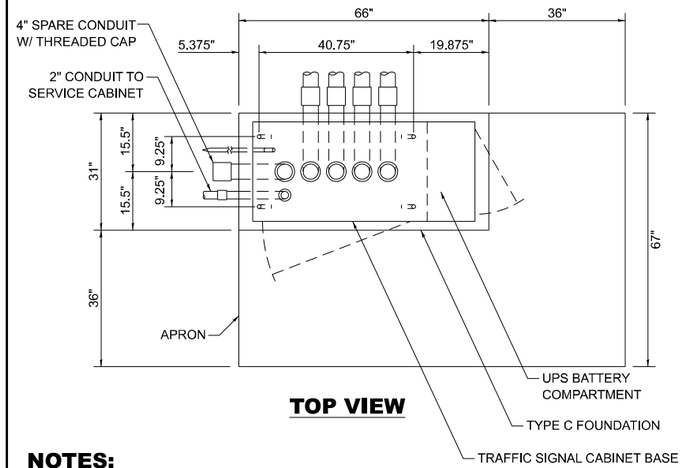


NOTES:

1. THE TOP OF THE FOUNDATION SHALL BE HIGHER THAN THE TOP OF THE DOUBLE HANDHOLE.

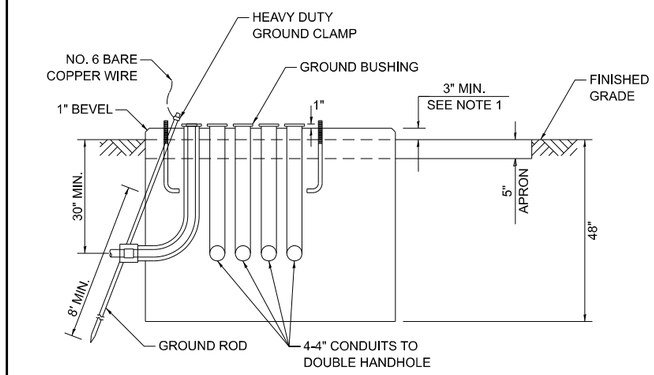


TYPE D FOUNDATION TYPE IV AND TYPE V TRAFFIC SIGNAL CABINET AND UPS BATTERY CABINET



NOTES:

1. THE TOP OF THE FOUNDATION SHALL BE HIGHER THAN THE TOP OF THE DOUBLE HANDHOLE.



TYPE C FOUNDATION SUPER P AND SUPER R TRAFFIC SIGNAL CABINETS

MAST ARM LENGTH	FOUNDATION DEPTH	FOUNDATION DIAMETER	SPIRAL DIAMETER	QUANTITY OF REBARS	SIZE OF REBARS
LESS THAN 30'	10'	30"	24"	8	#6
GREATER THAN OR EQUAL TO 30' AND LESS THAN 40'	13.5'	30"	24"	8	#6
	11'	36"	30"	12	#7
GREATER THAN OR EQUAL TO 40' AND LESS THAN 50'	13'	36"	30"	12	#7
GREATER THAN OR EQUAL TO 50' AND UP TO 55'	15'	36"	30"	12	#7
GREATER THAN OR EQUAL TO 56' AND LESS THAN 65'	21'	42"	36"	16	#8
GREATER THAN OR EQUAL TO 65' AND UP TO 75'	25'	42"	36"	16	#8

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

FOUNDATION	DEPTH
TYPE A - SIGNAL POST, SERVICE CABINET	4'
TYPE C - TRAFFIC SIGNAL CABINET WITH UPS	4'
TYPE D - TRAFFIC SIGNAL CABINET	4'

DEPTH OF FOUNDATIONS TYPES A, C & D

TYPE E FOUNDATION NOTES:

1. FOR STANDARD AND COMBINATION MAST ARM ASSEMBLIES. FOUNDATION DEPTHS FOR STANDARD DUAL MAST ARMS WITH THE LONGEST ARM LENGTH UP TO AND INCLUDING 55' SHALL BE INCREASE BY 1' OF THAT SHOWN IN THE TABLE, BASED ON THE LONGER OF THE TWO ARMS.
2. SEE STATE STANDARD 878001 CONCRETE FOUNDATION DETAILS FOR MORE INFORMATION.

VERTICAL CABLE	LENGTH
MAST ARM MOUNTED SIGNAL HEAD (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20'+L
BRACKET MOUNTED SIGNAL HEAD (MAST ARM POLE OR SIGNAL POLE)	13'
PEDESTRIAN SIGNAL HEAD	10'
PEDESTRIAN PUSH BUTTON	6'
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5'
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5'
SERVICE INSTALLATION GROUND MOUNT	6'
FOUNDATION (SIGNAL POST, MAST ARM, TRAFFIC SIGNAL CABINET, SERVICE CABINET)	3'

VERTICAL CABLE LENGTH

CABLE SLACK	LENGTH
HANDHOLE	6.5'
DOUBLE HANDHOLE	13'
SIGNAL POST	2'
MAST ARM	2'
TRAFFIC SIGNAL CABINET OR SERVICE CABINET	1.5'
FIBER OPTIC CABLE AT TRAFFIC SIGNAL CABINET	13'
GROUND CABLE AT SIGNAL POST, MAST ARM, OR CABINET	1.5'
GROUND CABLE AT HANDHOLE OR DOUBLE HANDHOLE	6.5'
GROUND CABLE BETWEEN HANDHOLE FRAME AND COVER	5'

CABLE SLACK LENGTH

USER NAME = Eric.L.thomas	DESIGNED - IP	REVISED -	
	DRAWN - IP	REVISED -	
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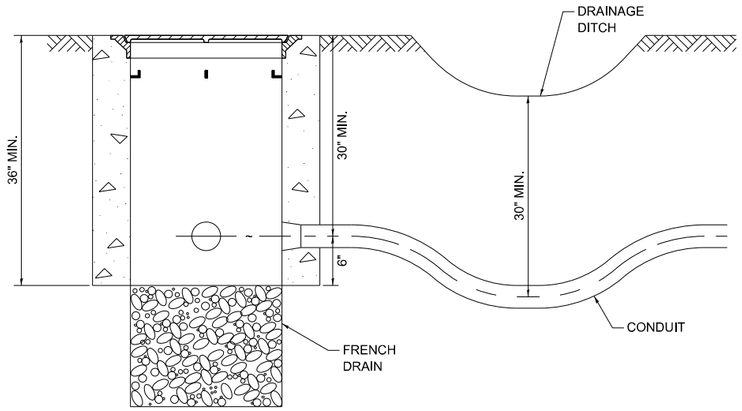
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 5 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	TS-01	CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			

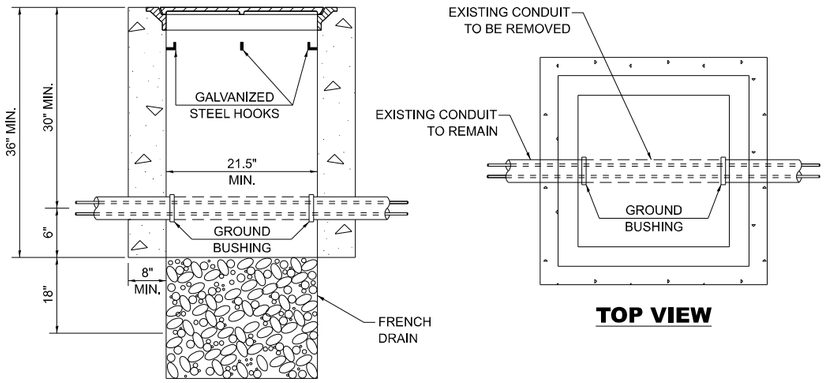
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NOTES:

1. THE CONDUIT DEPTH SHALL BE A MINIMUM OF 30" BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND.
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

HANDHOLE WITH MINIMUM CONDUIT DEPTH

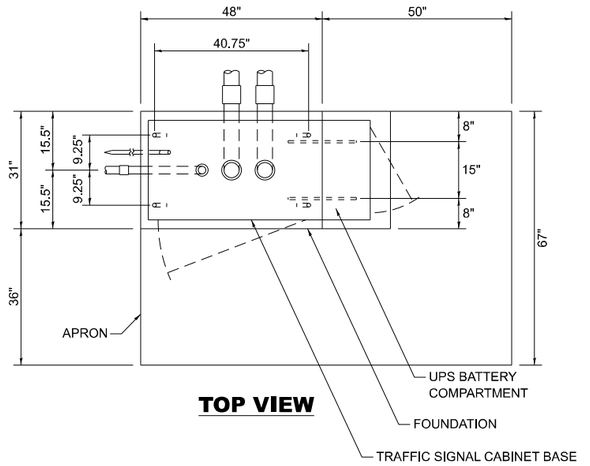


TOP VIEW

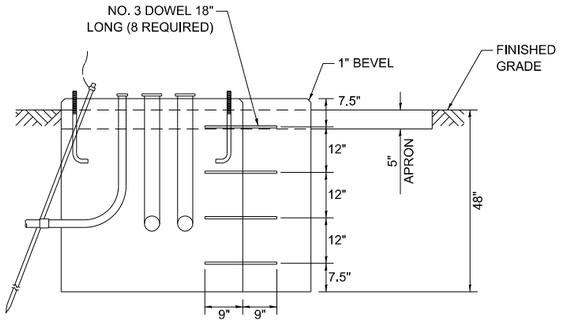
NOTES:

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

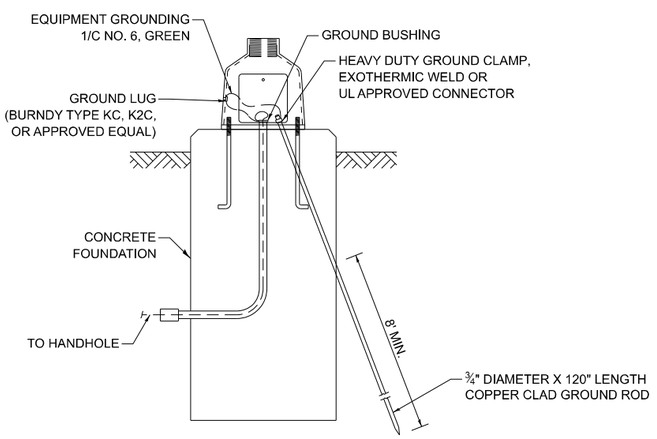
HANDHOLE TO INTERCEPT EXISTING CONDUIT



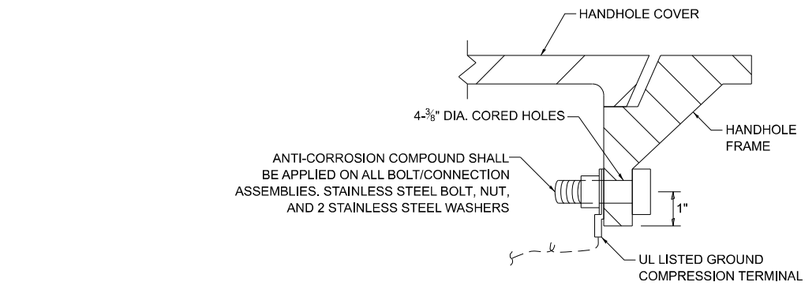
TOP VIEW



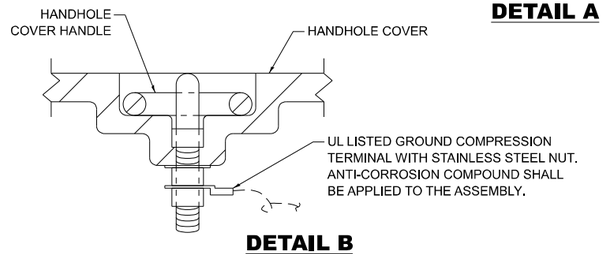
MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION



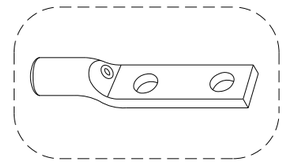
MAST ARM / POST GROUNDING DETAIL



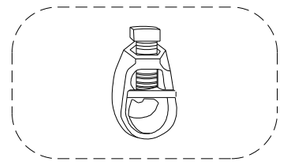
DETAIL A



DETAIL B



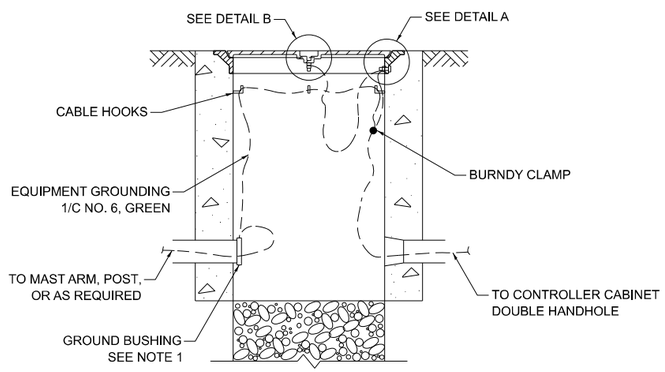
HEAVY-DUTY COMPRESSION TERMINAL (BURNDY TYPE YGHA OR APPROVED EQUAL)



¾" HEAVY-DUTY GROUND ROD CLAMP BRONZE OR COPPER, UL APPROVED (BURNDY TYPE GRC OR APPROVED EQUAL)

NOTES:

1. CONDUIT THAT HAS BEEN DRILLED INTO AN EXISTING HANDHOLE WILL REQUIRE A GROUND BUSHING FOR THE CONDUIT TO BE PROPERLY GROUNDED.
2. GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES. 6.5' OF SLACK SHALL BE PROVIDED IN SINGLE AND DOUBLE HANDHOLES. 5' OF SLACK SHALL BE PROVIDED BETWEEN THE FRAME AND COVER.



HANDHOLE GROUNDING DETAIL

MODEL: Plan Single [Sheet]
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	DRAWN - IP	REVISED -	
	CHECKED - NB/KK	REVISED -	
PLOT DATE = 12/2/2024	DATE - 10/15/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

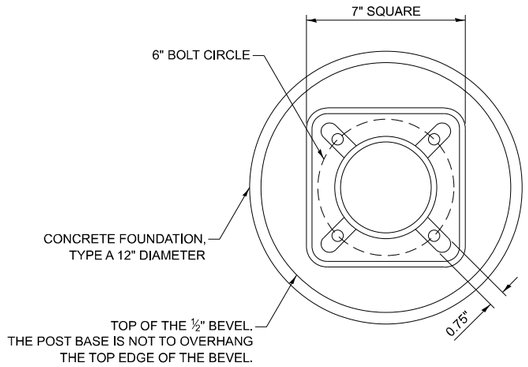
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 6 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	69F

TS-01 | CONTRACT NO. 62P51

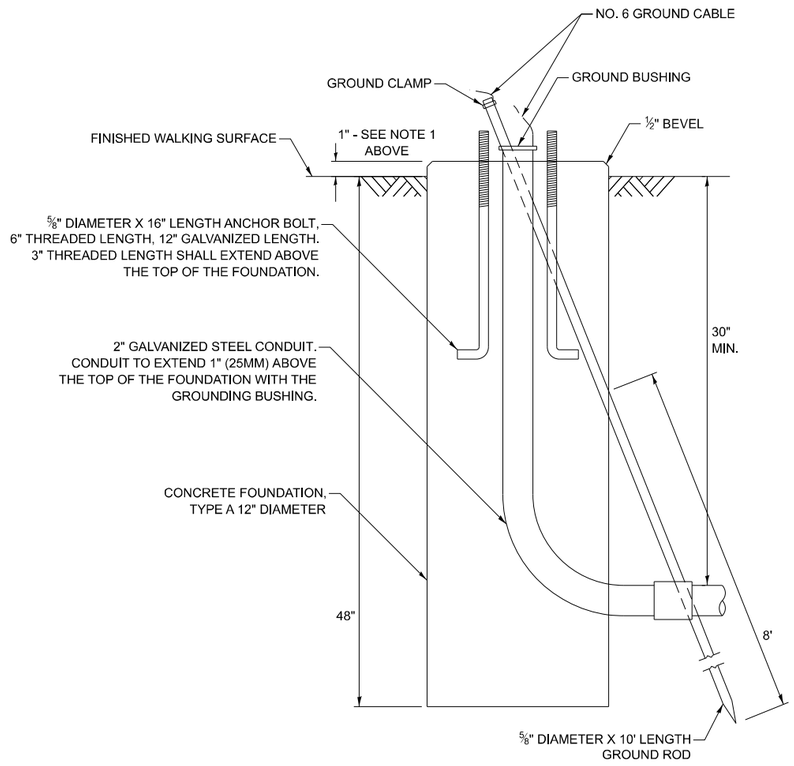
ILLINOIS | FED. AID PROJECT



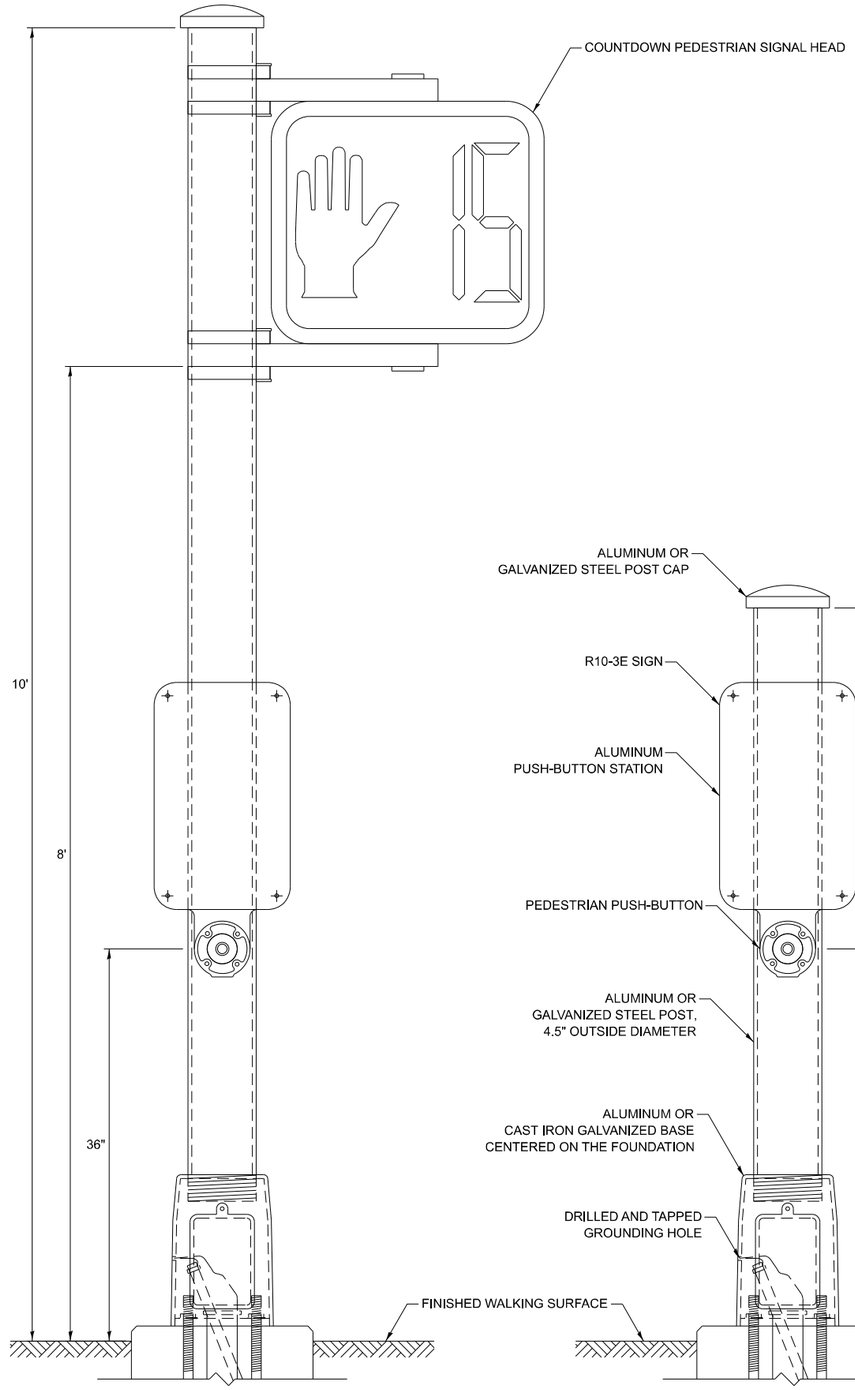
BOLT PATTERN

NOTES:

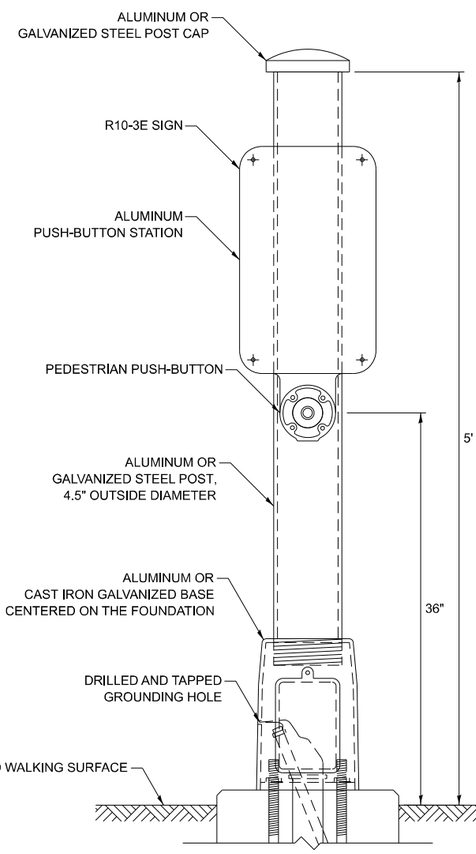
1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN A SIDEWALK CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE SIDEWALK CURB.



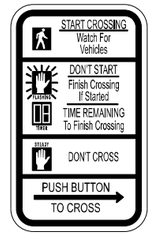
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER



PEDESTRIAN SIGNAL POST, 10 FT.



PEDESTRIAN SIGNAL POST, 5 FT.



R10-3E
9" X 15"



W10-I101
18" X 24"

SIGN NOTES:

1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.
2. WHEN SIGN R10-3E IS INSTALLED AT MEDIANS WHERE ONLY ONE PUSH-BUTTON IS BEING USED FOR BOTH DIRECTIONS, THE ARROW SHALL BE BI-DIRECTIONAL.
3. SIGN W10-I101 IS REQUIRED FOR EACH PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS.

MODEL: Plan Single [Sheet]
FILE NAME: Z:_IDOTCAD_ORD Folder Master_Master Files\IDOT_CONNECT\Configuration\Organization-Civil\IDOT_Standards\Dgnlib\Sheet Seeds\Civil_Named_Boundary_SheetSeed.dgnlib

USER NAME = Eric.L.thomas	DESIGNED - IP	REVISED -	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

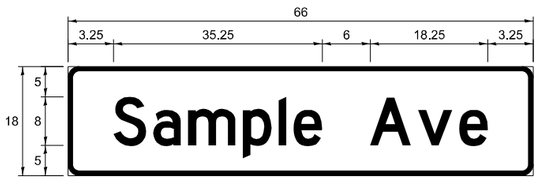
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

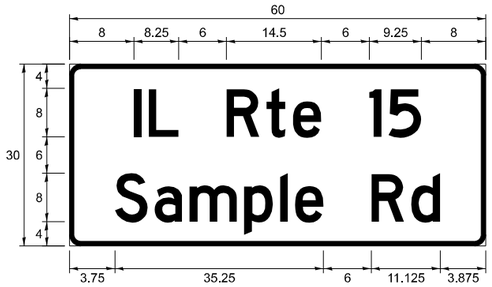
SCALE: NONE | SHEET 7 OF 7 SHEETS | STA. | TO STA.

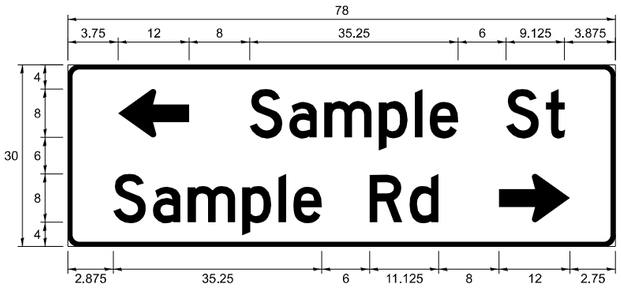
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	69G
	TS-01	CONTRACT NO. 62P51		
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SIGN PANEL - TYPE 1 OR TYPE 2

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE







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

COMMON STREET NAME ABBREVIATIONS

NAME	ABBREVIATION	LENGTH (INCH)	
		SERIES "C"	SERIES "D"
AVENUE	Ave	15	18.25
BOULEVARD	Blvd	17.125	20
CIRCLE	Cir	11.125	13
COURT	Ct	8.25	9.625
DRIVE	Dr	8.625	10.125
HIGHWAY	Hwy	18.375	22
ILLINOIS	IL	7	8.25
LANE	Ln	9.125	10.75
PARKWAY	Pkwy	23.375	27.375
PLACE	Pl	7.125	7.75
ROAD	Rd	9.625	11.125
ROUTE	Rte	12.625	14.5
STREET	St	8	9.125
TERRACE	Ter	12.625	14.625
TRAIL	Tr	7.75	9.125
UNITED STATES	US	10.375	12.25

GENERAL NOTES

1. WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ONSTANDARDS 877001, 877002, 877006, 877011 AND 877012, AS APPLICABLE, PLUS TWO SIGN PANELS 2'-6" x 8'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
2. ALL SIGNS SHALL CONSIST OF A WHITE LEGEND AND BORDER (TYPE ZZ SHEETING) ON A GREEN BACKGROUND (TYPE ZZ SHEETING)
3. THE SIGN LENGTH SHALL BE IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHALL NOT EXCEED 8'-0". ALL BORDERS SHALL BE 3/4" WIDE. CORNER RADIUS SHALL BE 1-7/8". THE SPACING BETWEEN THE WORDS SHOULD BE 6", BUT MAY BE REDUCED TO 5" WHEN SPACING IS CRITICAL. THE SPACING BETWEEN THE LEFT OR RIGHT ARROW AND THE ADJACENT WORD SHOULD BE 8", BUT MAY BE REDUCED TO 6" WHEN SPACING IS CRITICAL. A MINIMUM OF 2-1/2" SHALL BE INCLUDED BETWEEN THE WORD AND THE RIGHT AND LEFT EDGES OF THE SIGN.
4. THE PREFERRED METHOD FOR THE SIGN DESIGN IS TO USE THE SERIES "D" ALPHABET ON A ONE-LINE SIGN THAT IS 18" IN HEIGHT AND A MAXIMUM OF 8'-0" IN WIDTH. IF SERIES "D" DOES NOT FIT ON A 8"-0" SIGN, THEN SERIES "C" SHOULD BE TRIED. IF SERIES "C" DOES NOT FIT ON A ONE-LINE 8'-0" SIGN, A 30" HEIGHT TWO-LINE SIGN CAN BE USED. THE CROSSROAD DESIGNATION (I.E. STREET, AVENUE, ETC.) SHALL BE SPELLED OUT ON THE SECOND LINE, IF THE ABBREVIATION CANNOT FIT ON THE FIRST LINE.
5. LED ILLUMINATED STREET NAME SIGNS CAN BE USED IN PLACE OF REGULAR SIGN PANELS BUT ANY SPECIAL WORDING AND SYMBOLOGY MUST BE APPROVED BY THE DEPARTMENT. GENERAL DESIGN REQUIREMENTS AS LISTED ABOVE (COLOR, FONT, SIZE, ETC.) MUST BE FOLLOWED.
6. SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS.

LOCAL SUPPLIERS:

- J.O. HERBERT COMPANY, INC
  MIDLOTHIAN, VA
- WESTERN REMAC, INC.
  WOODRIDGE, IL

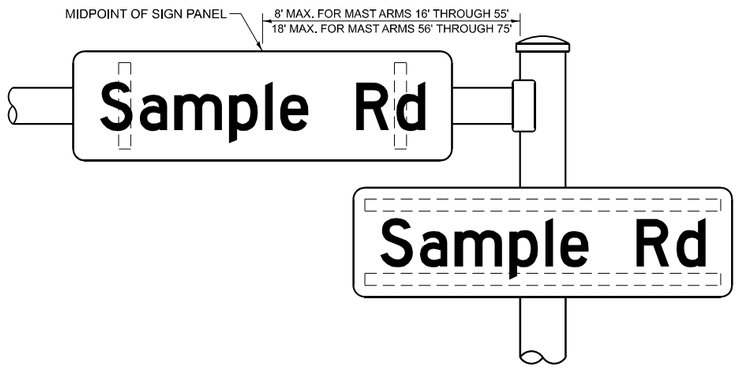
PARTS LISTING:

-SIGN CHANNEL	PART #HPN053 (MED. CHANNEL)
-SIGN SCREWS	1/4" x 14 x 1" H.W.H. #3 SELF TAPPING WITH NEOPRENE WASHER
-BRACKETS	PART #HPN034 (UNIVERSAL) CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING

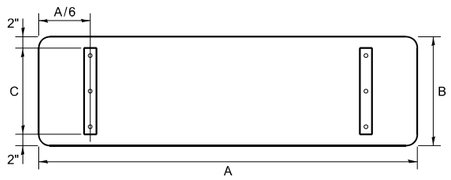
OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BRACKET OF THE ABOVE PRODUCT.

MOUNTING LOCATIONS

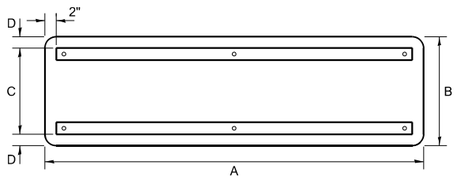
ARM OR POLE MOUNTED



SUPPORTING CHANNELS



A	B	C
VAR.	18"	14"
VAR.	30"	26"



A	B	C	D
VAR.	18"	12"	3"
VAR.	30"	22"	4"

STANDARD ALPHABETS SPACING CHART

MEASUREMENTS BASED ON 8" UPPER CASE LETTER HEIGHT

FHWA SERIES "C"				FHWA SERIES "D"			
CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)	CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)
A	0.240	5.122	0.240	A	0.240	6.804	0.240
B	0.880	4.482	0.480	B	0.960	5.446	0.400
C	0.720	4.482	0.720	C	0.800	5.446	0.800
D	0.880	4.482	0.720	D	0.960	5.446	0.800
E	0.880	4.082	0.480	E	0.960	4.962	0.400
F	0.880	4.082	0.240	F	0.960	4.962	0.240
G	0.720	4.482	0.720	G	0.800	5.446	0.800
H	0.880	4.482	0.880	H	0.960	5.446	0.960
I	0.880	1.120	0.880	I	0.960	1.280	0.960
J	0.240	4.082	0.880	J	0.240	5.122	0.960
K	0.880	4.482	0.480	K	0.960	5.604	0.400
L	0.880	4.082	0.240	L	0.960	4.962	0.240
M	0.880	5.284	0.880	M	0.960	6.244	0.960
N	0.880	4.482	0.880	N	0.960	5.446	0.960
O	0.720	4.722	0.720	O	0.800	5.684	0.800
P	0.880	4.482	0.720	P	0.960	5.446	0.240
Q	0.720	4.722	0.720	Q	0.800	5.684	0.800
R	0.880	4.482	0.480	R	0.960	5.446	0.400
S	0.480	4.482	0.480	S	0.400	5.446	0.400
T	0.240	4.082	0.240	T	0.240	4.962	0.240
U	0.880	4.482	0.880	U	0.960	5.446	0.960
V	0.240	4.962	0.240	V	0.240	6.084	0.240
W	0.240	6.084	0.240	W	0.240	7.124	0.240
X	0.240	4.722	0.240	X	0.400	5.446	0.400
Y	0.240	5.122	0.240	Y	0.240	6.884	0.240
Z	0.480	4.482	0.480	Z	0.400	5.446	0.400
a	0.320	3.842	0.640	a	0.400	4.562	0.720
b	0.720	4.082	0.480	b	0.800	4.802	0.480
c	0.480	4.002	0.240	c	0.480	4.722	0.240
d	0.480	4.082	0.720	d	0.480	4.802	0.800
e	0.480	4.082	0.320	e	0.480	4.722	0.320
f	0.320	2.480	0.160	f	0.320	2.882	0.160
g	0.480	4.082	0.720	g	0.480	4.802	0.800
h	0.720	4.082	0.640	h	0.800	4.722	0.720
i	0.720	1.120	0.720	i	0.800	1.280	0.800
j	0.000	2.320	0.720	j	0.000	2.642	0.800
k	0.720	4.322	0.160	k	0.800	5.122	0.160
l	0.720	1.120	0.720	l	0.800	1.280	0.800
m	0.720	6.724	0.640	m	0.800	7.926	0.720
n	0.720	4.082	0.640	n	0.800	4.722	0.720
o	0.480	4.082	0.480	o	0.480	4.882	0.480
p	0.720	4.082	0.480	p	0.800	4.802	0.480
q	0.480	4.082	0.720	q	0.480	4.802	0.800
r	0.720	2.642	0.160	r	0.800	3.042	0.160
s	0.320	3.362	0.240	s	0.320	3.762	0.240
t	0.080	2.882	0.080	t	0.080	3.202	0.080
u	0.640	4.082	0.720	u	0.720	4.722	0.800
v	0.160	4.722	0.160	v	0.160	5.684	0.160
w	0.160	7.524	0.160	w	0.160	9.046	0.160
x	0.000	5.202	0.000	x	0.000	6.244	0.000
y	0.160	4.962	0.160	y	0.160	6.004	0.160
z	0.240	3.362	0.240	z	0.240	4.002	0.240
1	0.720	1.680	0.880	1	0.800	2.000	0.960
2	0.480	4.482	0.480	2	0.800	5.446	0.800
3	0.480	4.482	0.480	3	1.440	5.446	0.800
4	0.240	4.962	0.720	4	0.160	6.004	0.960
5	0.480	4.482	0.480	5	0.800	5.446	0.800
6	0.720	4.482	0.720	6	0.800	5.446	0.800
7	0.240	4.482	0.720	7	0.560	5.446	0.560
8	0.480	4.482	0.480	8	0.800	5.446	0.800
9	0.480	4.482	0.480	9	0.800	5.446	0.800
0	0.720	4.722	0.720	0	0.800	5.684	0.800
-	0.240	2.802	0.240	-	0.240	2.802	0.240

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	CHECKED - NB/KK	REVISED -	
PLOT DATE = 12/2/2024	DATE - 10/15/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
MAST ARM MOUNTED STREET NAME SIGNS

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	69H
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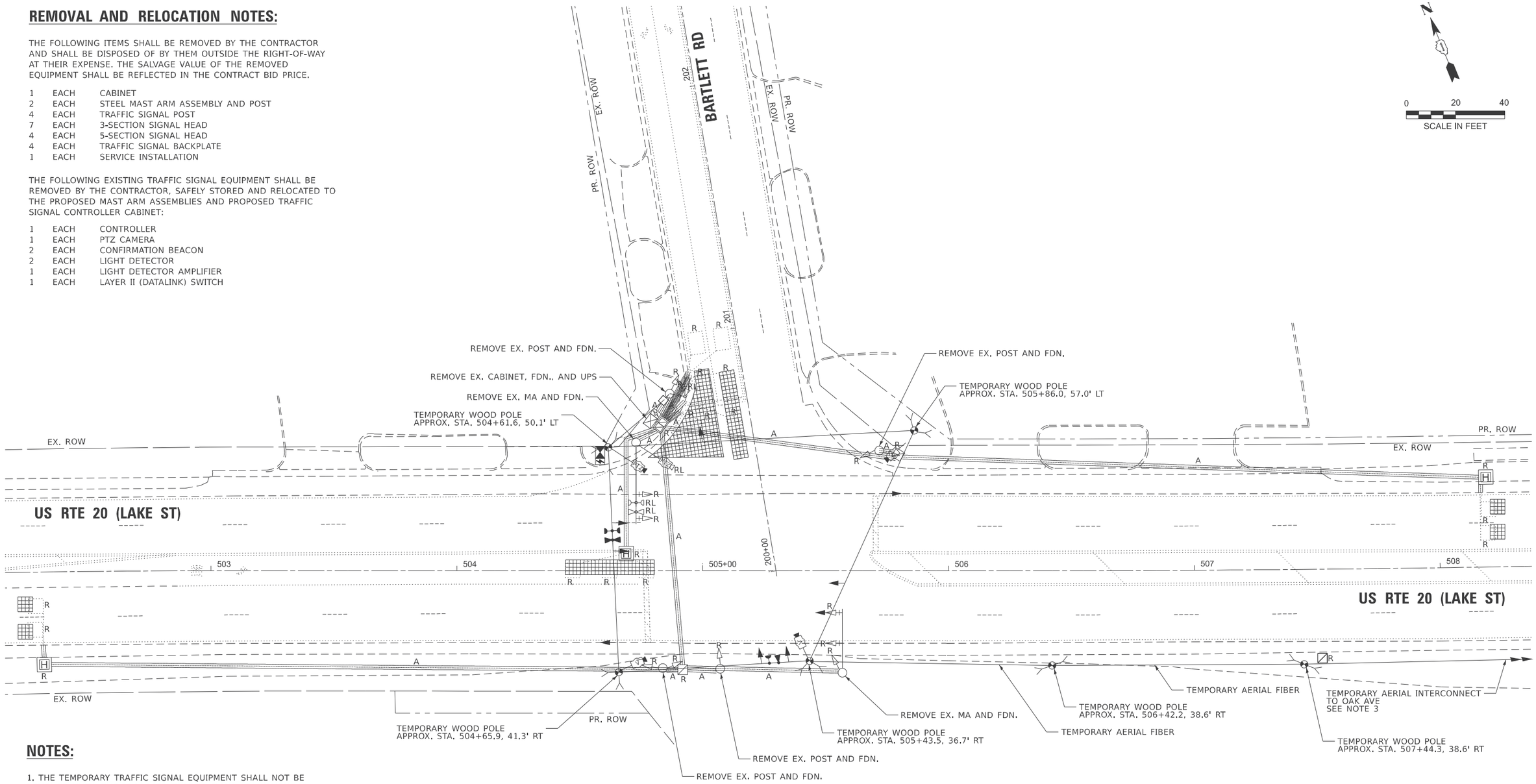
REMOVAL AND RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

1	EACH	CABINET
2	EACH	STEEL MAST ARM ASSEMBLY AND POST
4	EACH	TRAFFIC SIGNAL POST
7	EACH	3-SECTION SIGNAL HEAD
4	EACH	5-SECTION SIGNAL HEAD
4	EACH	TRAFFIC SIGNAL BACKPLATE
1	EACH	SERVICE INSTALLATION

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED AND RELOCATED TO THE PROPOSED MAST ARM ASSEMBLIES AND PROPOSED TRAFFIC SIGNAL CONTROLLER CABINET:

1	EACH	CONTROLLER
1	EACH	PTZ CAMERA
2	EACH	CONFIRMATION BEACON
2	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER
1	EACH	LAYER II (DATALINK) SWITCH



NOTES:

1. THE TEMPORARY TRAFFIC SIGNAL EQUIPMENT SHALL NOT BE REMOVED UNTIL THE PROPOSED TRAFFIC SIGNAL EQUIPMENT IS FULLY OPERATIONAL OR AS DIRECTED BY THE ENGINEER.

2. ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.

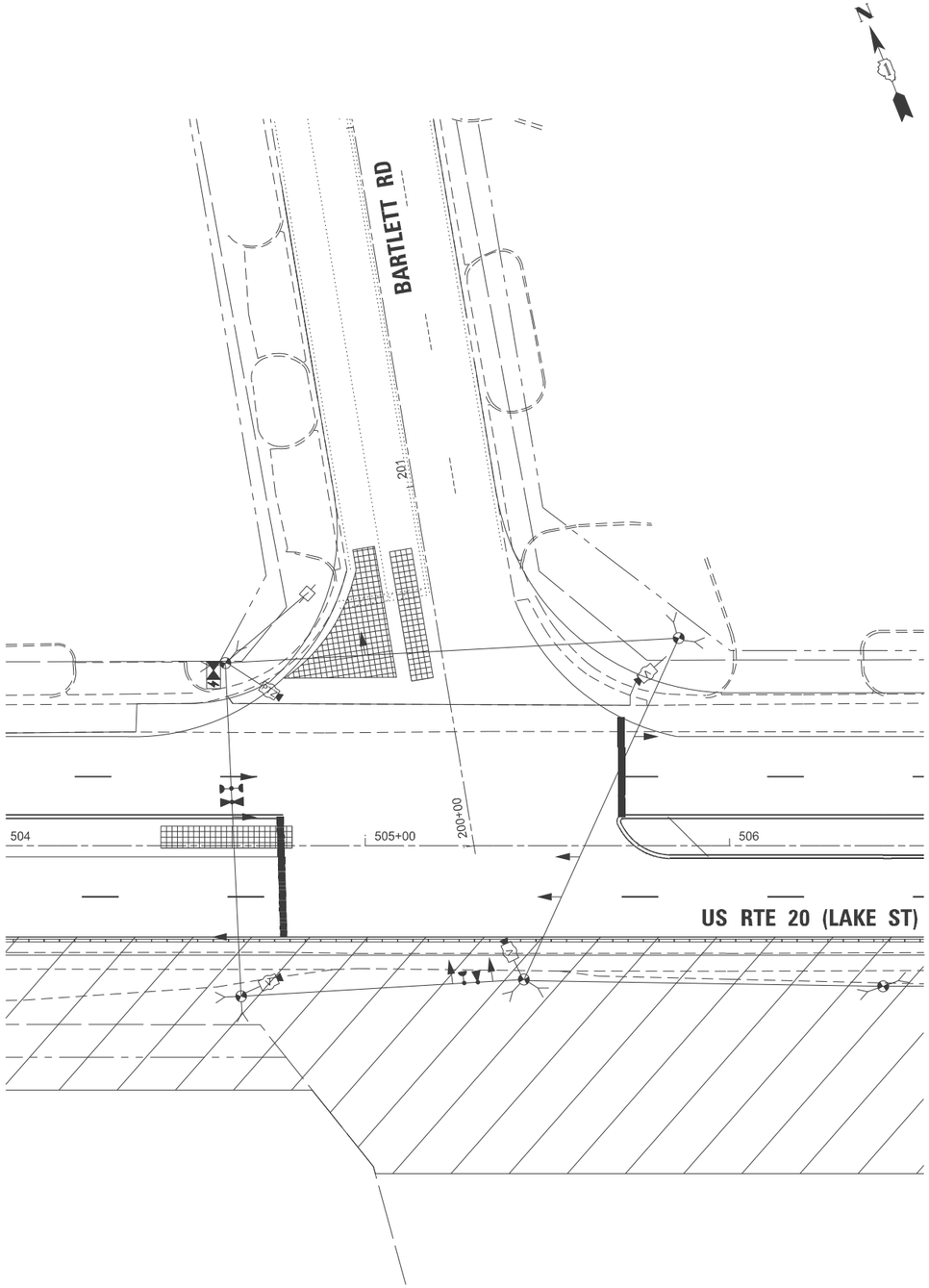
3. THE CONTRACTOR SHALL DISCONNECT THE EXISTING FIBER OPTIC CABLE AND TRACER CABLE FROM THE EXISTING TRAFFIC SIGNAL CONTROLLER AND PULL THE CABLE BACK TO THE EXISTING INTERCONNECT HANDHOLE ON THE EAST APPROACH OF US RTE 20 (LAKE ST) AT OAK AVE. THE EXISTING FIBER OPTIC CABLE SHALL BE SPLICED TO THE TEMPORARY FIBER OPTIC CABLE AT THAT HANDHOLE AND INSTALLED AERIALLY FROM THE HANDHOLE TO THE TEMPORARY TRAFFIC SIGNAL AS SHOWN IN THE PLANS. THIS WORK SHALL BE PAID FOR IN THE UNIT PRICE FOR 'TEMPORARY TRAFFIC SIGNAL INSTALLATION'.

TS 11270
IDOT TACTICS

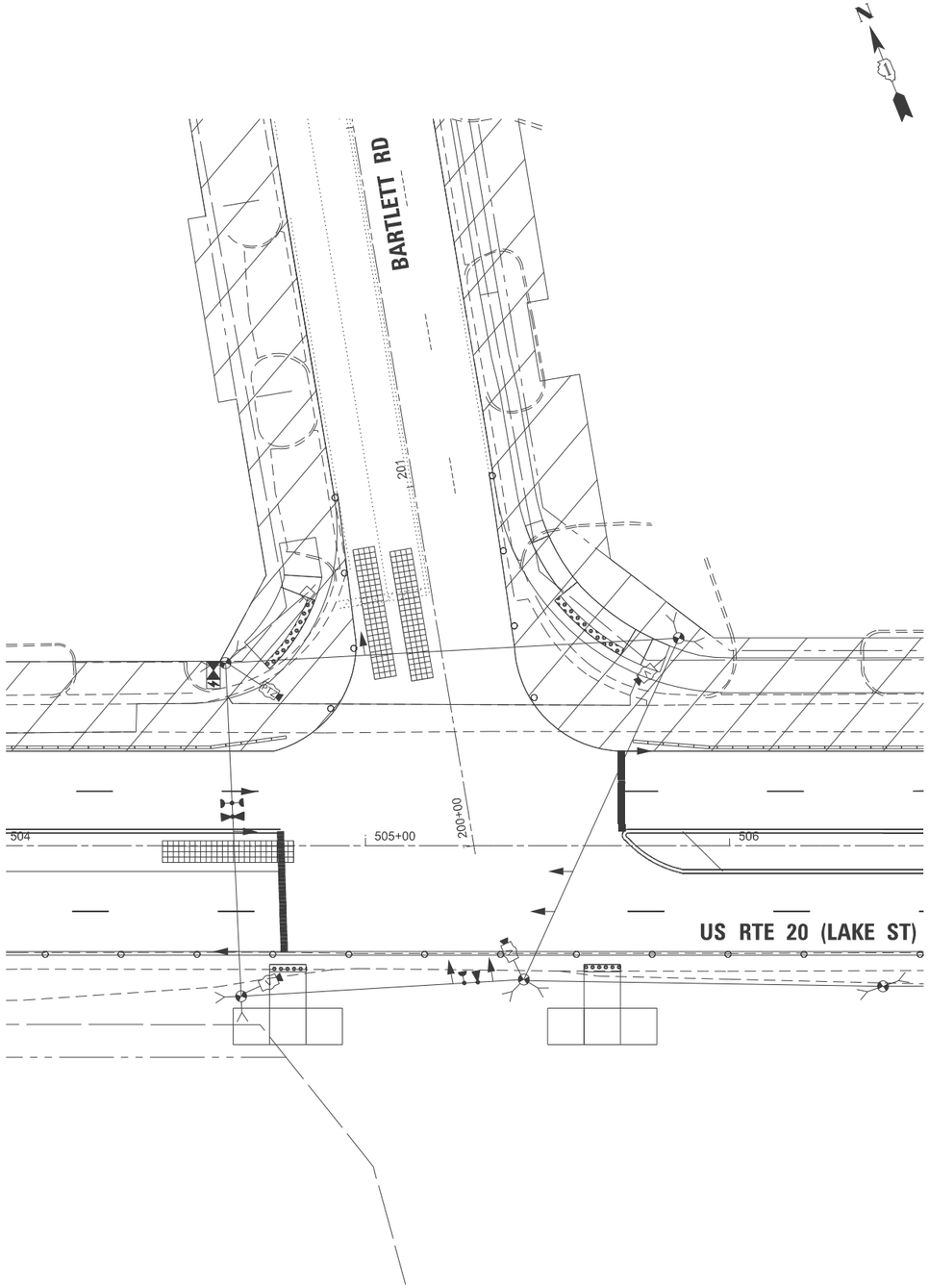
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SRF	USER NAME = kspence	DESIGNED - KJS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN US RTE 20 (LAKE ST) AT BARTLETT RD
		DRAWN - KJS	REVISED -		
		CHECKED - CWB	REVISED -		
	PLOT DATE = 1/5/2026	DATE - 3/2/2026	REVISED -		SCALE: 1" = 20' | SHEET 1 OF 7 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	70
		CONTRACT NO. 62P51		
		ILLINOIS	FED. AID PROJECT	



TEMPORARY TRAFFIC SIGNAL STAGE 1



TEMPORARY TRAFFIC SIGNAL STAGE 2

TS 11270
IDOT TACTICS

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

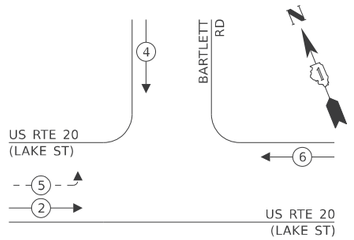
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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	

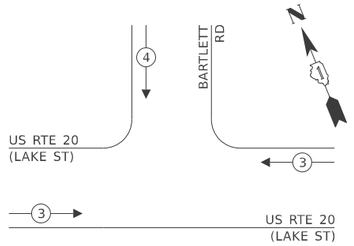
TEMPORARY CONTROLLER SEQUENCE

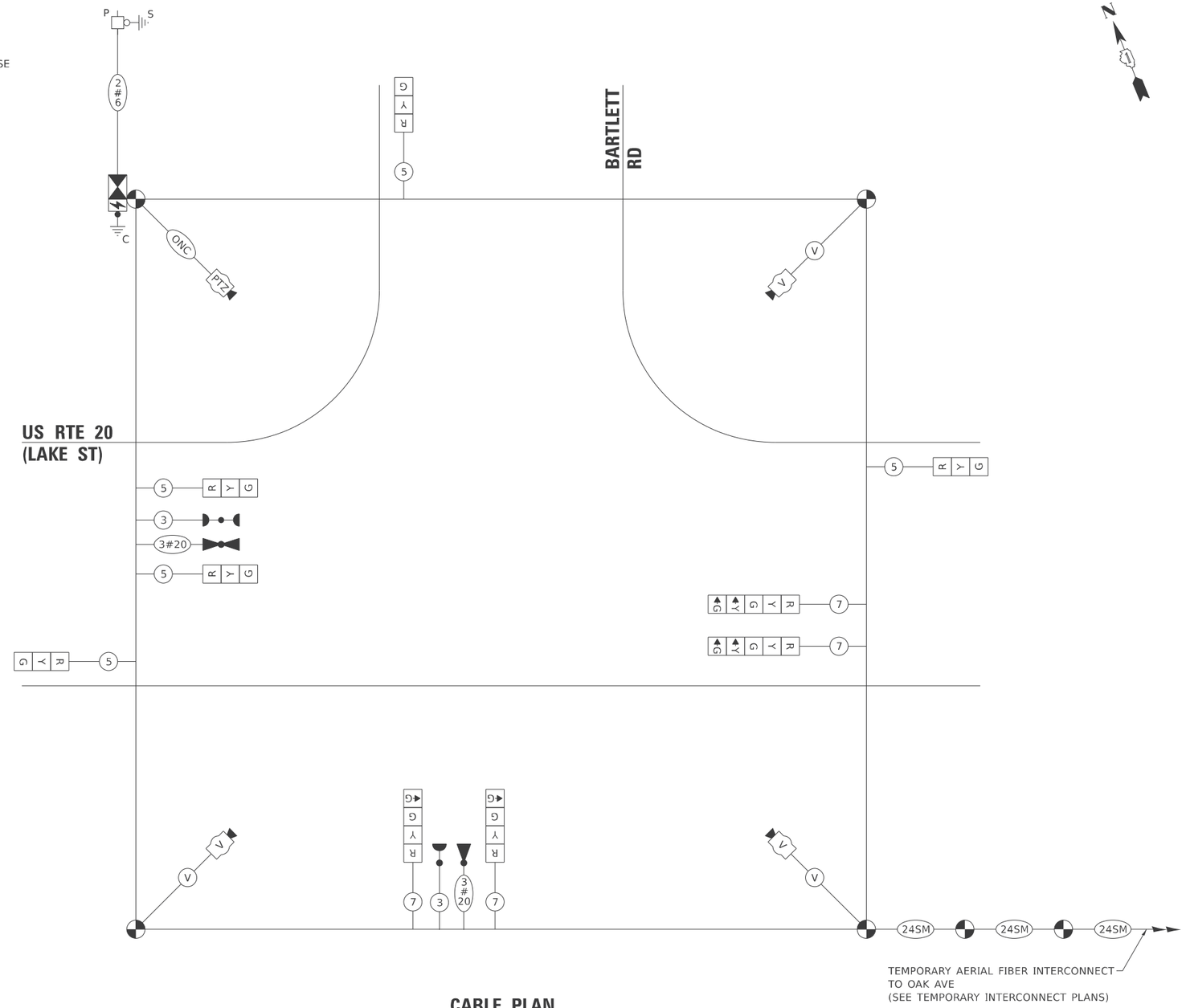


LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OVERLAP

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE





CABLE PLAN
(NOT TO SCALE)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	5	11	55
4-SECTION	2	14	28
5-SECTION	2	13	26
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	-	15	-
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	3	20	60
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	1	35	35
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			379
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			984

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: ---
METER NUMBER: ---

TS 11270
IDOT TACTICS

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: N.T.S. | SHEET 3 OF 7 SHEETS | STA. | TO STA.

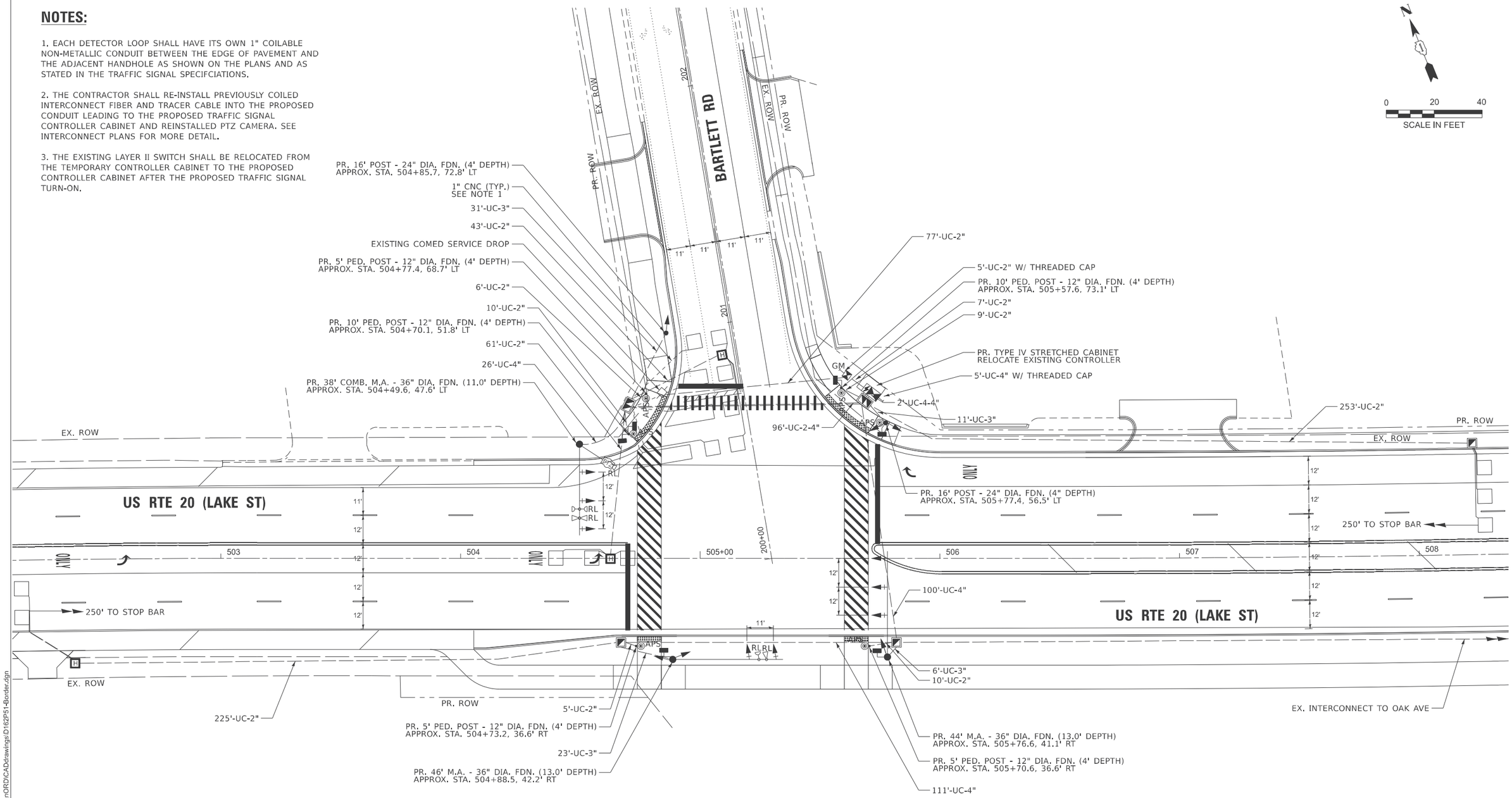
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	72
		CONTRACT NO. 62P51		
		ILLINOIS	FED. AID PROJECT	

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 SPECIFCIATIONS.

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.



TS 11270
IDOT TACTICS

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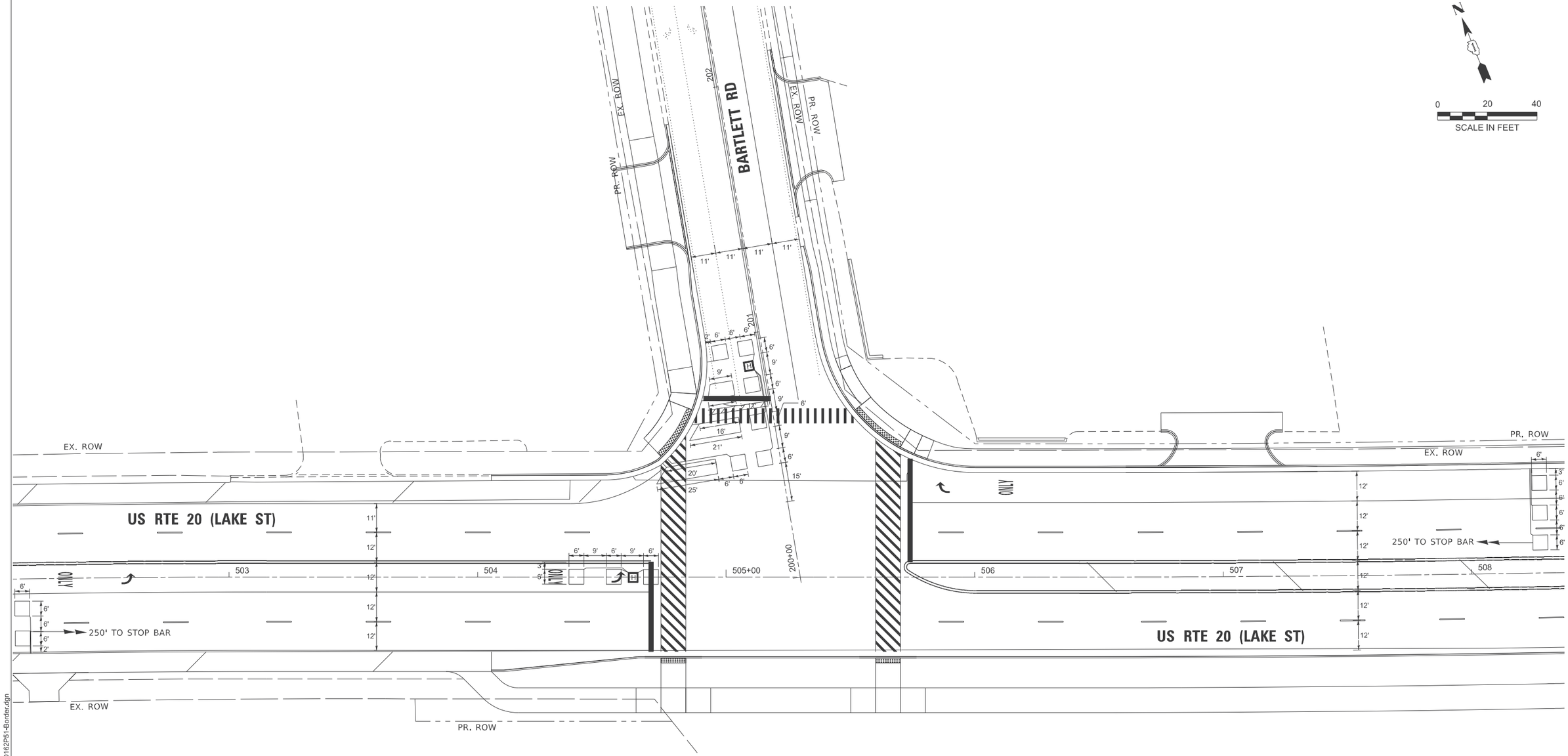
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	CHECKED - CWB	REVISED -	
PLOT DATE = 1/5/2026	DATE - 3/2/2026	REVISED -	

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	



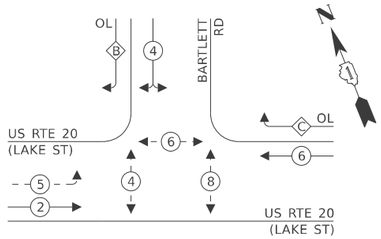
TS 11270
IDOT TACTICS

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SRF	USER NAME = kspence	DESIGNED - KJS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP LAYOUT PLAN US RTE 20 (LAKE ST) AT BARTLETT RD
		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.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	74
		CONTRACT NO. 62P51		
		ILLINOIS	FED. AID PROJECT	

PROPOSED CONTROLLER SEQUENCE



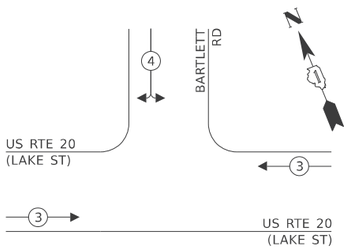
RIGHT TURN OVERLAP PHASE DESIGNATION:

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

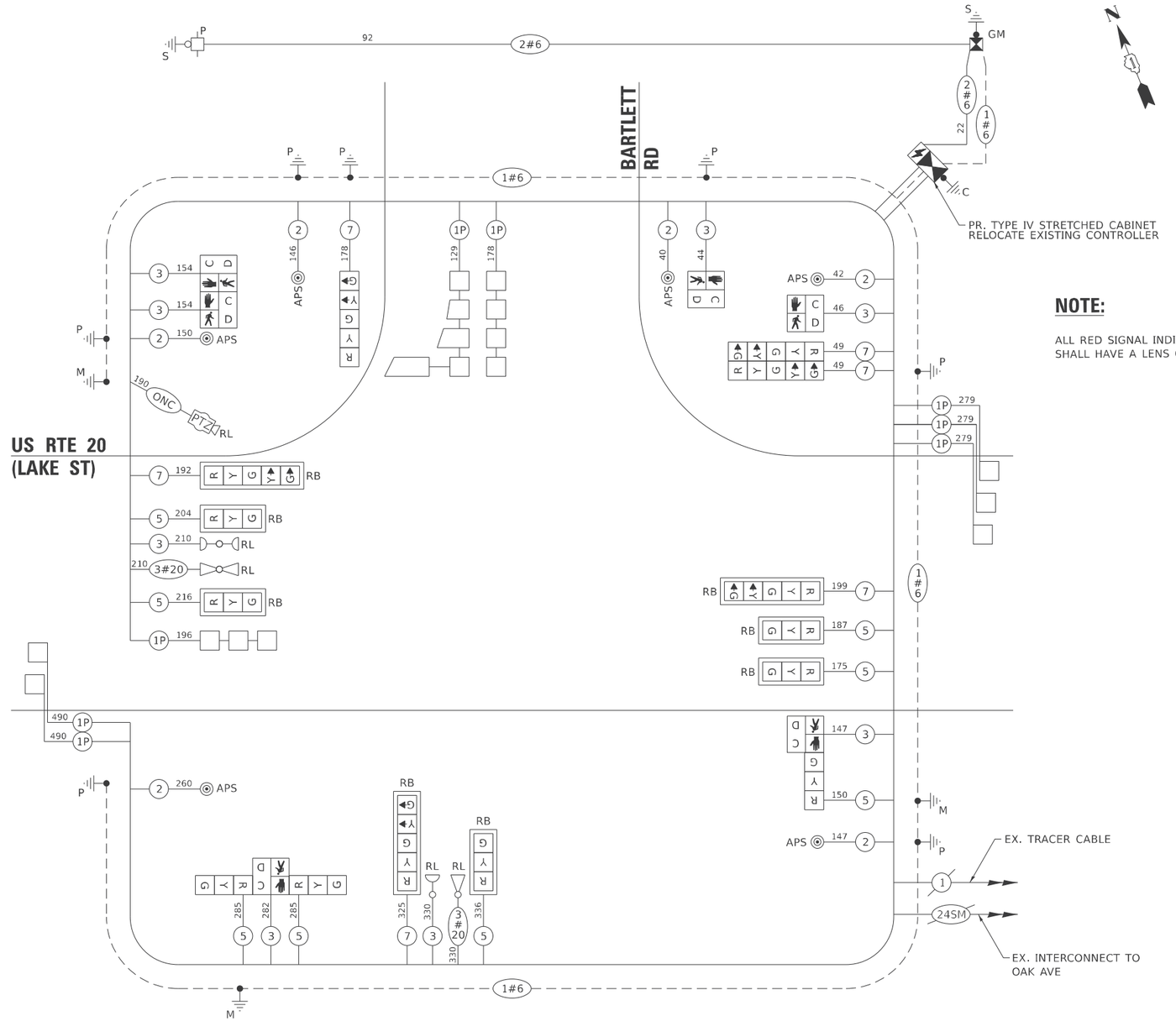


TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

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	6	15	90
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			466
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			1,071

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: ---



NOTE:

ALL RED SIGNAL INDICATIONS SHALL HAVE A LENS COVER.

CABLE PLAN
(NOT TO SCALE)

TS 11270
IDOT TACTICS

MODEL: Default
FILE NAME: H:\Projects\15000\15218-03\Tech\Data\CADDesignORD\CADDrawings\D162P51-Border.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

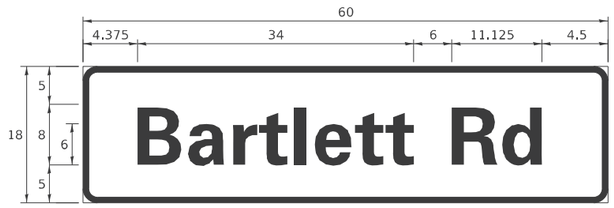
CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
US RTE 20 (LAKE ST) AT BARTLETT RD

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

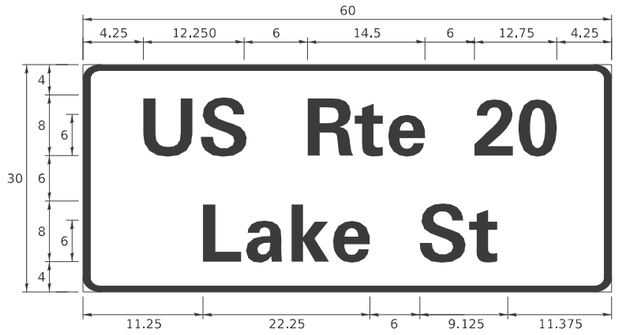
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	75
		CONTRACT NO. 62P51		
		ILLINOIS FED. AID PROJECT		

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	706
	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	785
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1365
	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	682
	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	6
	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	3
	UNINTERRUPTABLE POWER SUPPLY AND CABINET (SPECIAL)	EACH	1
	CONTROLLER CABINET TYPE IV (SPECIAL)	EACH	1
	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6
	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	20
	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
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	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		

REMOVAL AND RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

1	EACH	CABINET
1	EACH	MAST ARM ASSEMBLY AND POST
1	EACH	ALUMINUM MAST ARM ASSEMBLY AND POST
4	EACH	TRAFFIC SIGNAL POST
9	EACH	3-SECTION SIGNAL HEAD
2	EACH	5-SECTION SIGNAL HEAD
2	EACH	PEDESTRIAN SIGNAL HEAD
2	EACH	PEDESTRIAN PUSH-BUTTON
2	EACH	TRAFFIC SIGNAL BACKPLATE
1	EACH	SERVICE INSTALLATION

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED AND RELOCATED TO THE PROPOSED MAST ARM ASSEMBLIES AND PROPOSED TRAFFIC SIGNAL CONTROLLER CABINET:

1	EACH	CONTROLLER
2	EACH	CONFIRMATION BEACON
2	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER
1	EACH	LAYER II (DATALINK) SWITCH

NOTES:

1. THE TEMPORARY TRAFFIC SIGNAL EQUIPMENT SHALL NOT BE REMOVED UNTIL THE PROPOSED TRAFFIC SIGNAL EQUIPMENT IS FULLY OPERATIONAL OR AS DIRECTED BY THE ENGINEER.

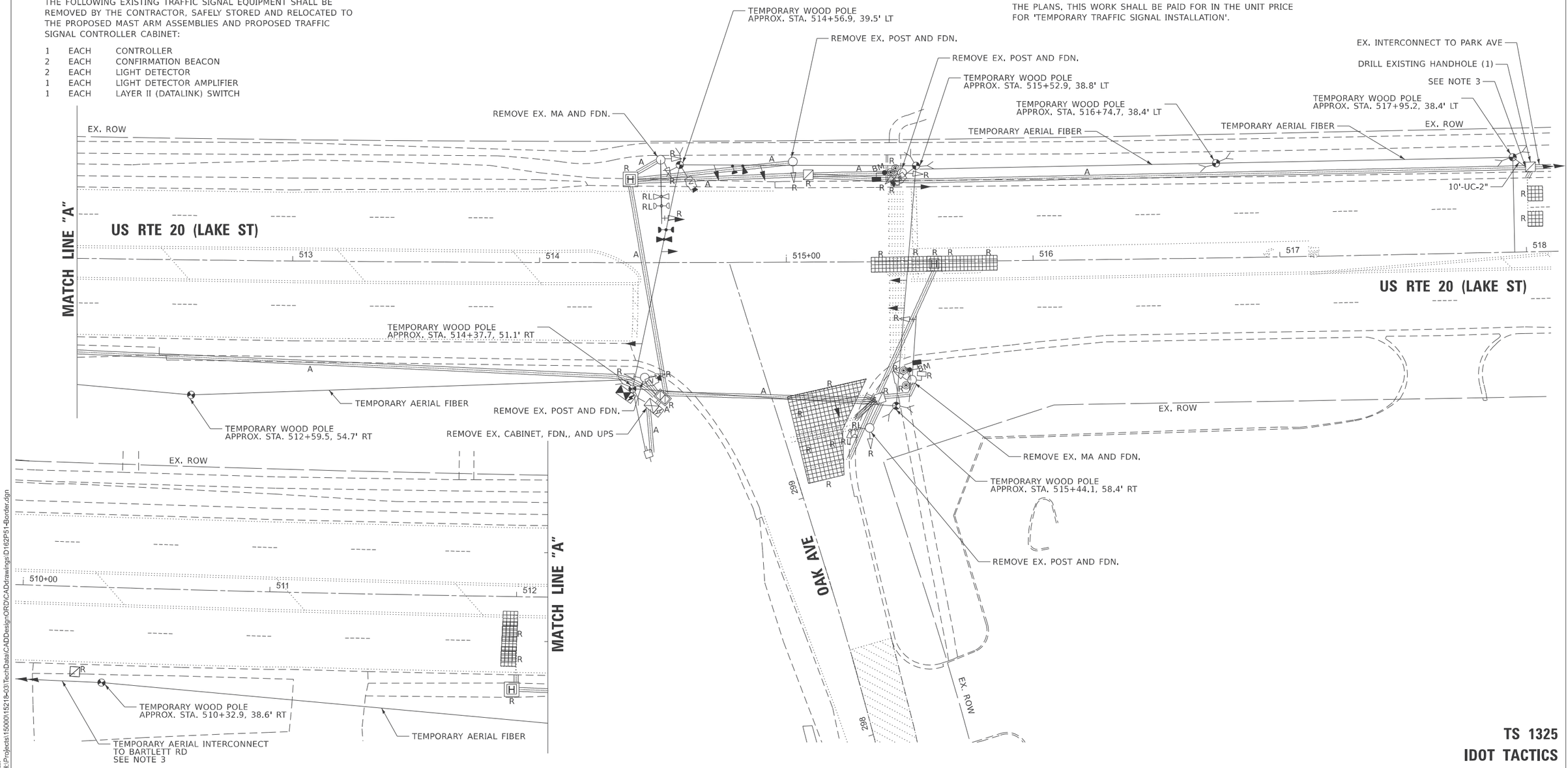
2. ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.

3. THE CONTRACTOR SHALL DISCONNECT THE EXISTING FIBER OPTIC CABLE AND TRACER CABLE FROM THE EXISTING TRAFFIC SIGNAL CONTROLLER AND PULL THE CABLE BACK TO THE EXISTING INTERCONNECT HANDHOLE ON THE EAST APPROACH FROM BARTLETT RD AND OAK AVE. THE EXISTING FIBER OPTIC CABLE SHALL BE SPLICED TO THE TEMPORARY FIBER OPTIC CABLE AT THE HANDHOLE AND INSTALLED AERIALLY FROM THE HANDHOLE TO THE TEMPORARY TRAFFIC SIGNAL AS SHOWN IN THE PLANS. THIS WORK SHALL BE PAID FOR IN THE UNIT PRICE FOR 'TEMPORARY TRAFFIC SIGNAL INSTALLATION'.

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0 20 40

SCALE IN FEET



TS 1325

IDOT TACTICS

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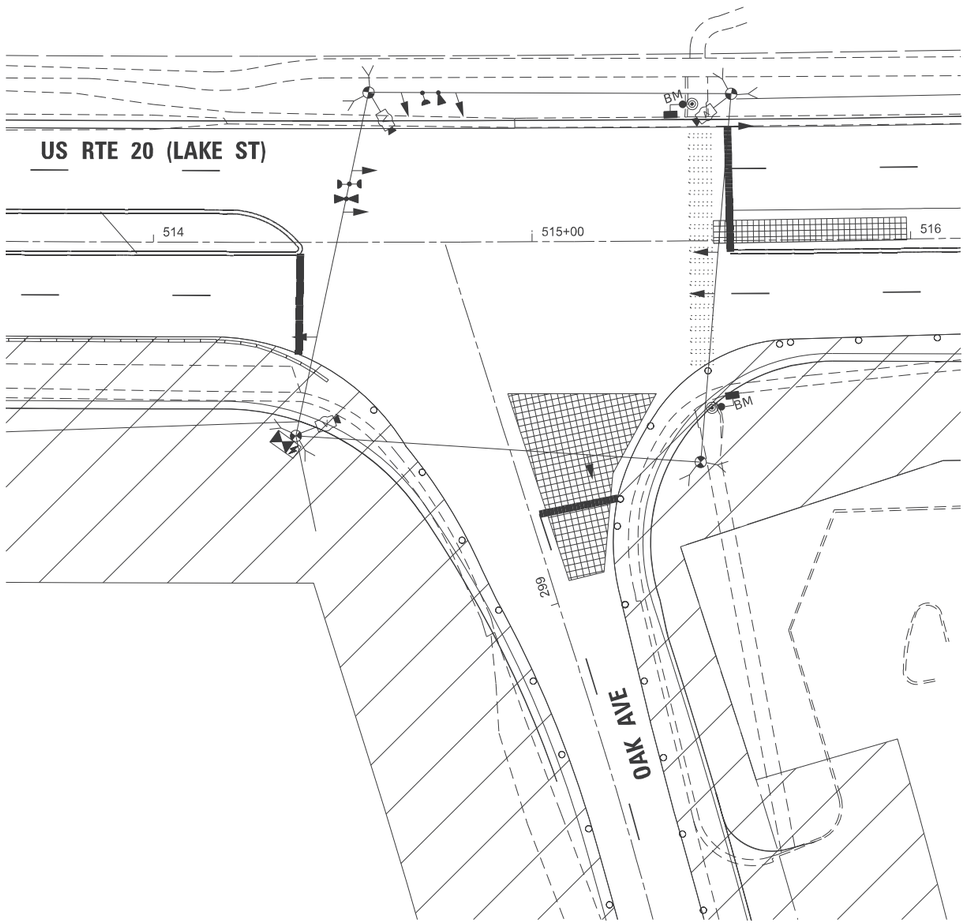
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	DRAWN - KJS	REVISED -	
	CHECKED - CWB	REVISED -	
PLOT DATE = 1/5/2026	DATE - 3/2/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

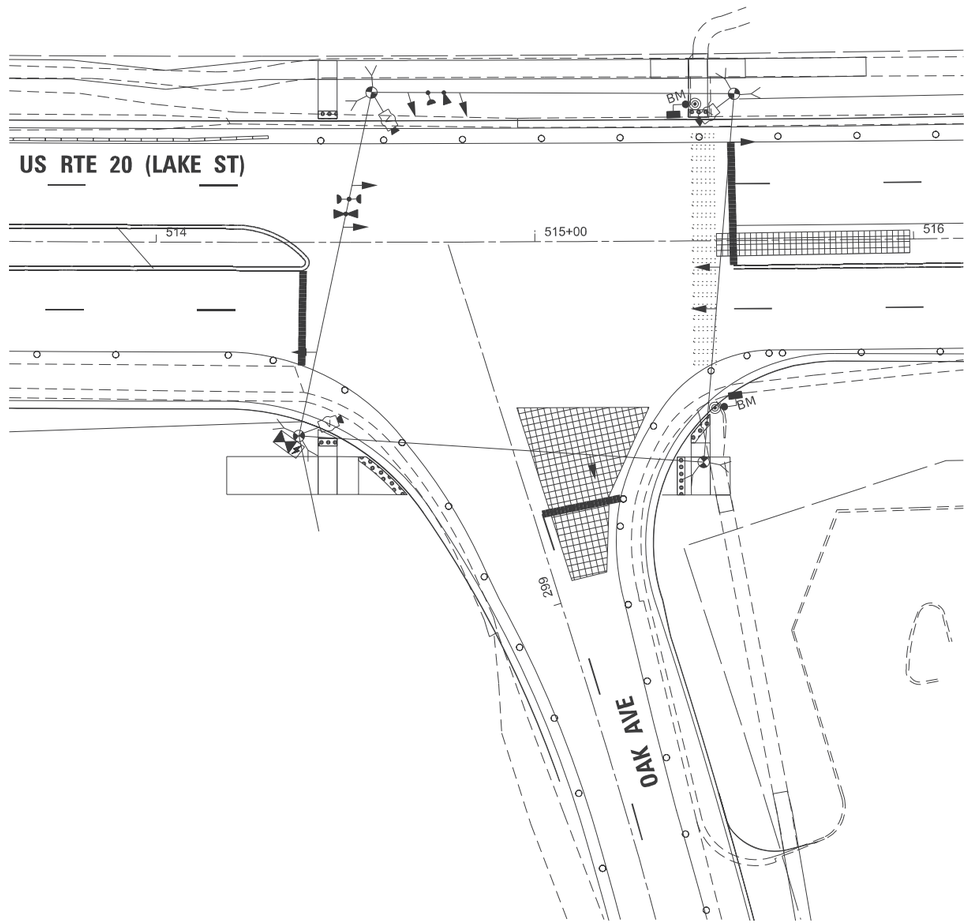
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN
US RTE 20 (LAKE ST) AT OAK AVE

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	77
		CONTRACT NO. 62P51		
		ILLINOIS	FED. AID PROJECT	



TEMPORARY TRAFFIC SIGNAL STAGE 1



TEMPORARY TRAFFIC SIGNAL STAGE 2

TS 1325
IDOT TACTICS

MODEL: Default
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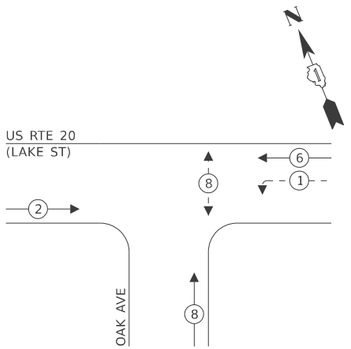
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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	

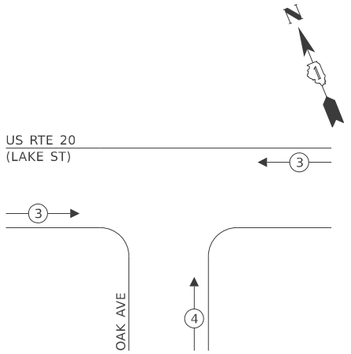
TEMPORARY CONTROLLER SEQUENCE

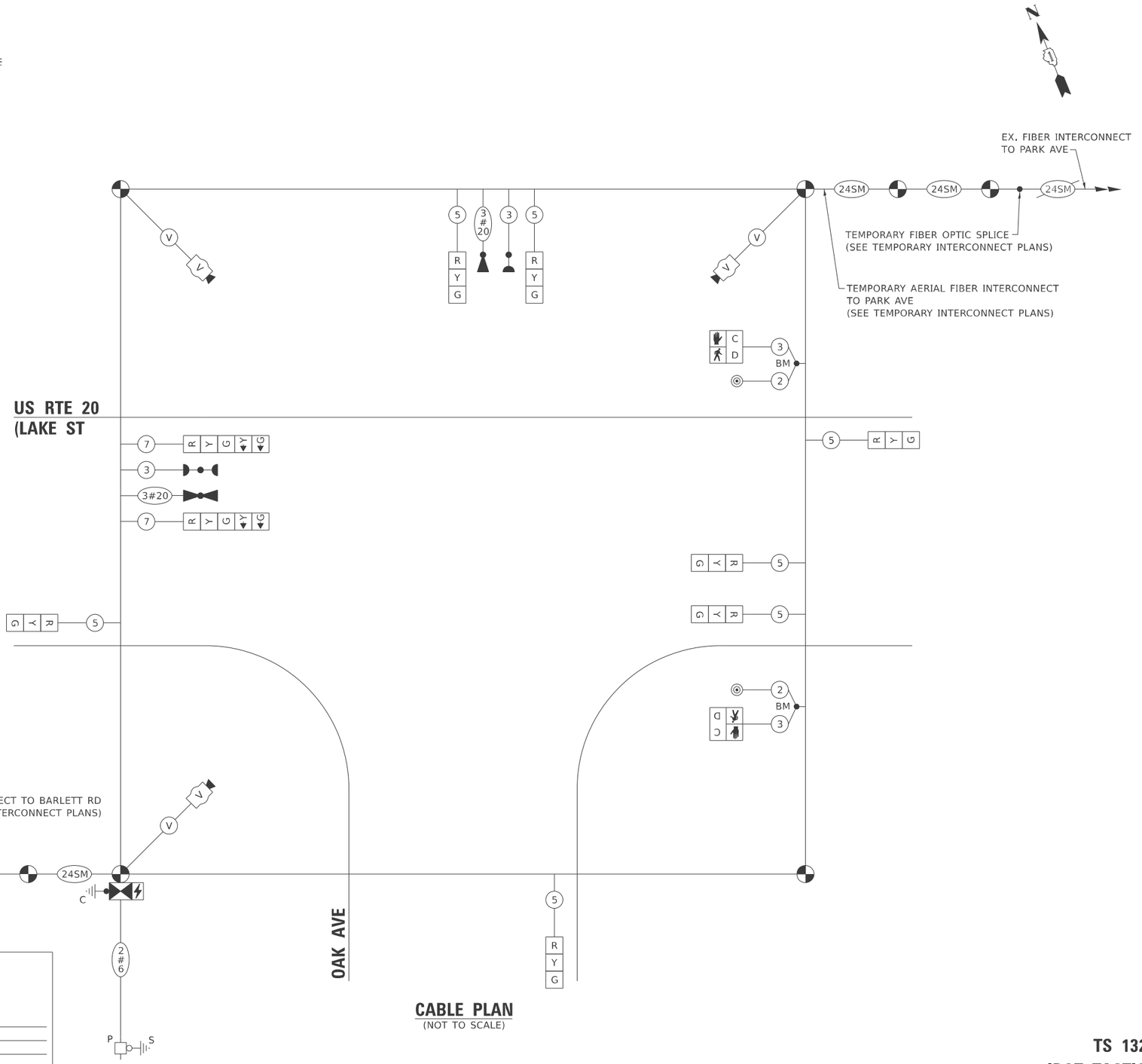


LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL OVERLAP

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE





CABLE PLAN
(NOT TO SCALE)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	7	11	77
4-SECTION	-	14	-
5-SECTION	2	13	26
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	2	15	30
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	3	20	60
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	1	35	35
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			403
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			1008

ENERGY COSTS TO:
VILLAGE OF BARTLETT
228 S. MAIN ST
BARTLETT, IL 60103

ENERGY SUPPLY:
CONTACT: CASSIE EVANS
PHONE: (773) 241-0741
COMPANY: COMED
ACCOUNT NUMBER: ---
METER NUMBER: ---

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

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

SCALE: N.T.S. | SHEET 3 OF 7 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	79
		CONTRACT NO. 62P51		
		ILLINOIS	FED. AID PROJECT	

NOTES:

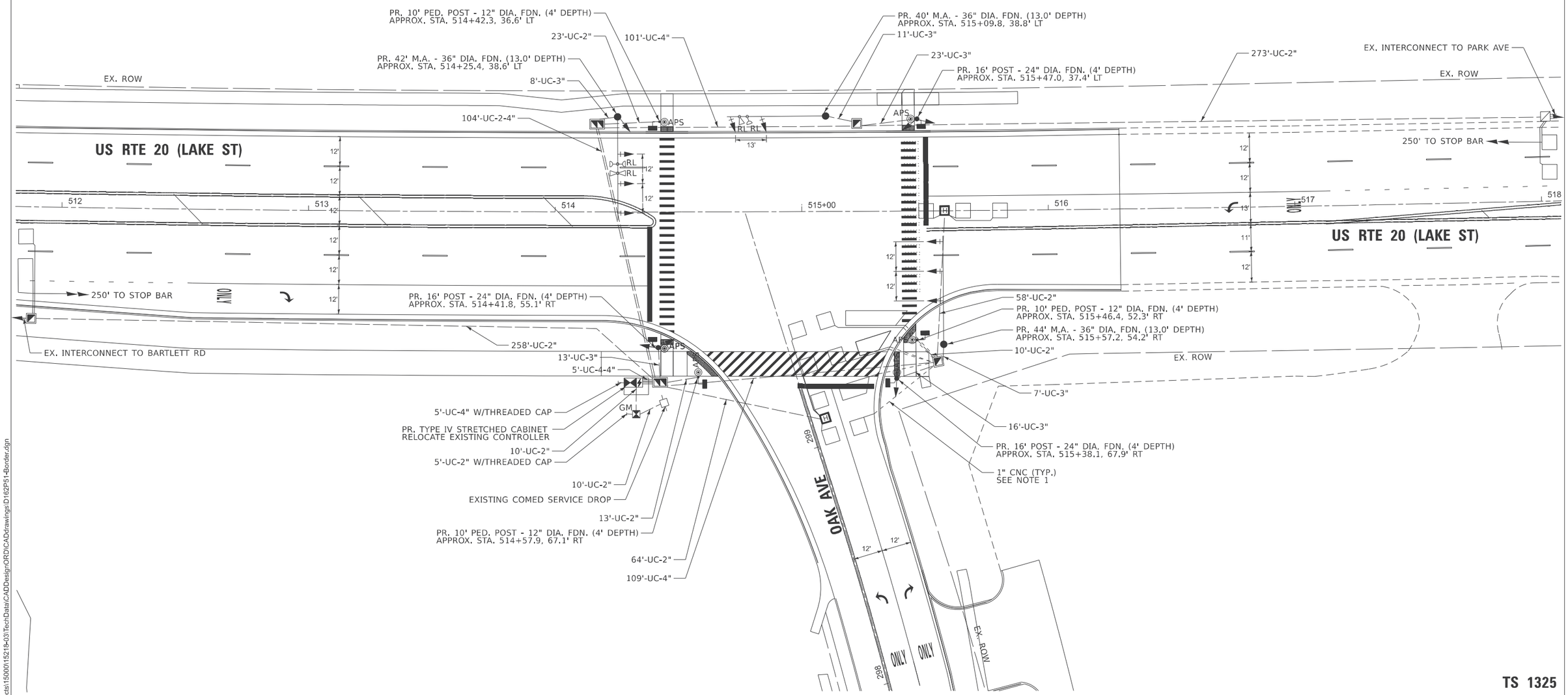
1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFCIATIONS.

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.

N

0 20 40
SCALE IN FEET

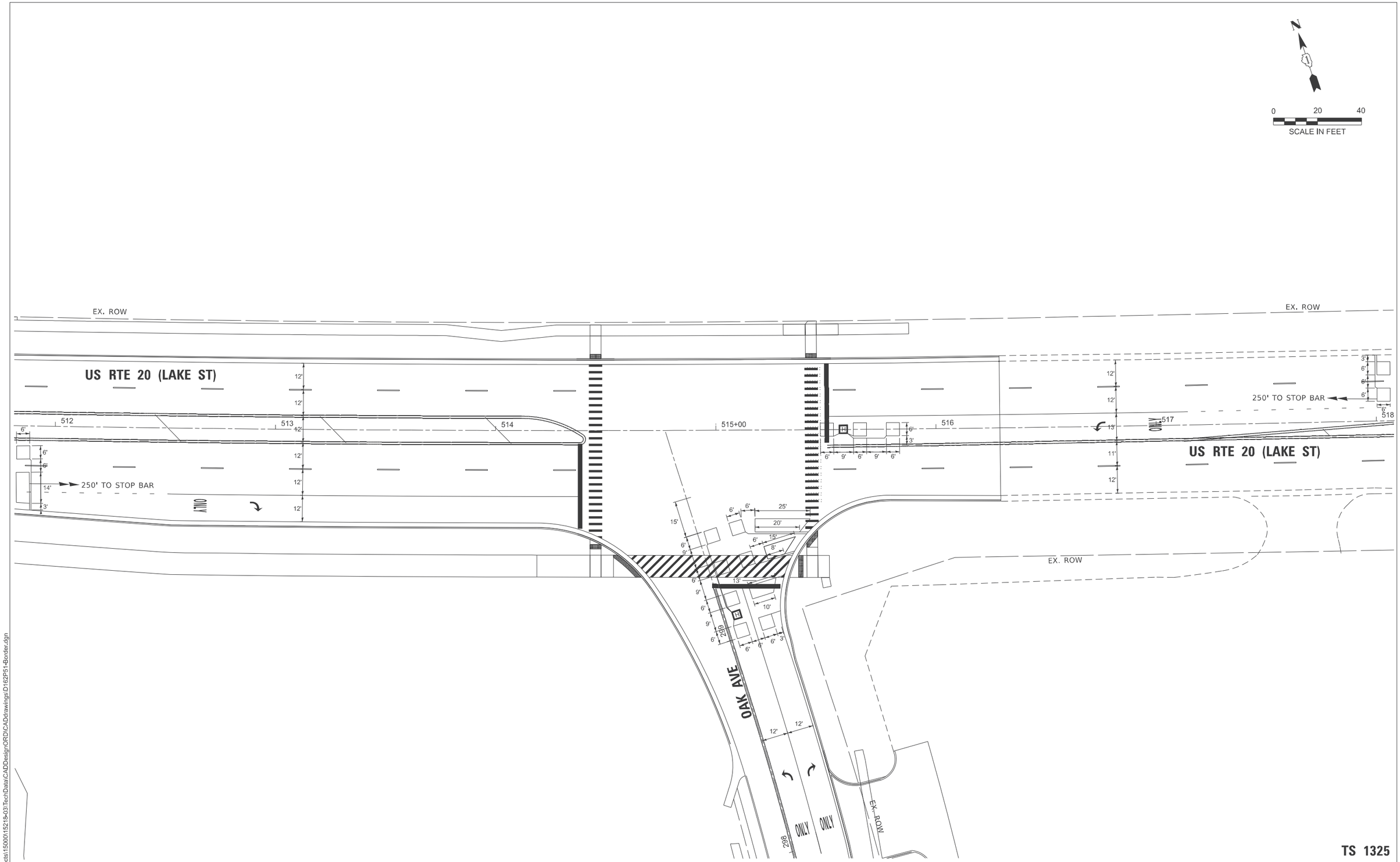


TS 1325
IDOT TACTICS

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

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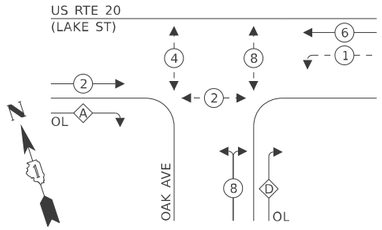
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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	

PROPOSED CONTROLLER SEQUENCE



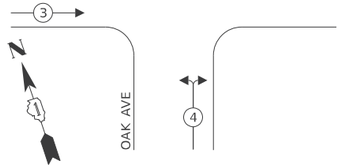
RIGHT TURN OVERLAP PHASE DESIGNATION:

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

LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OVERLAP

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

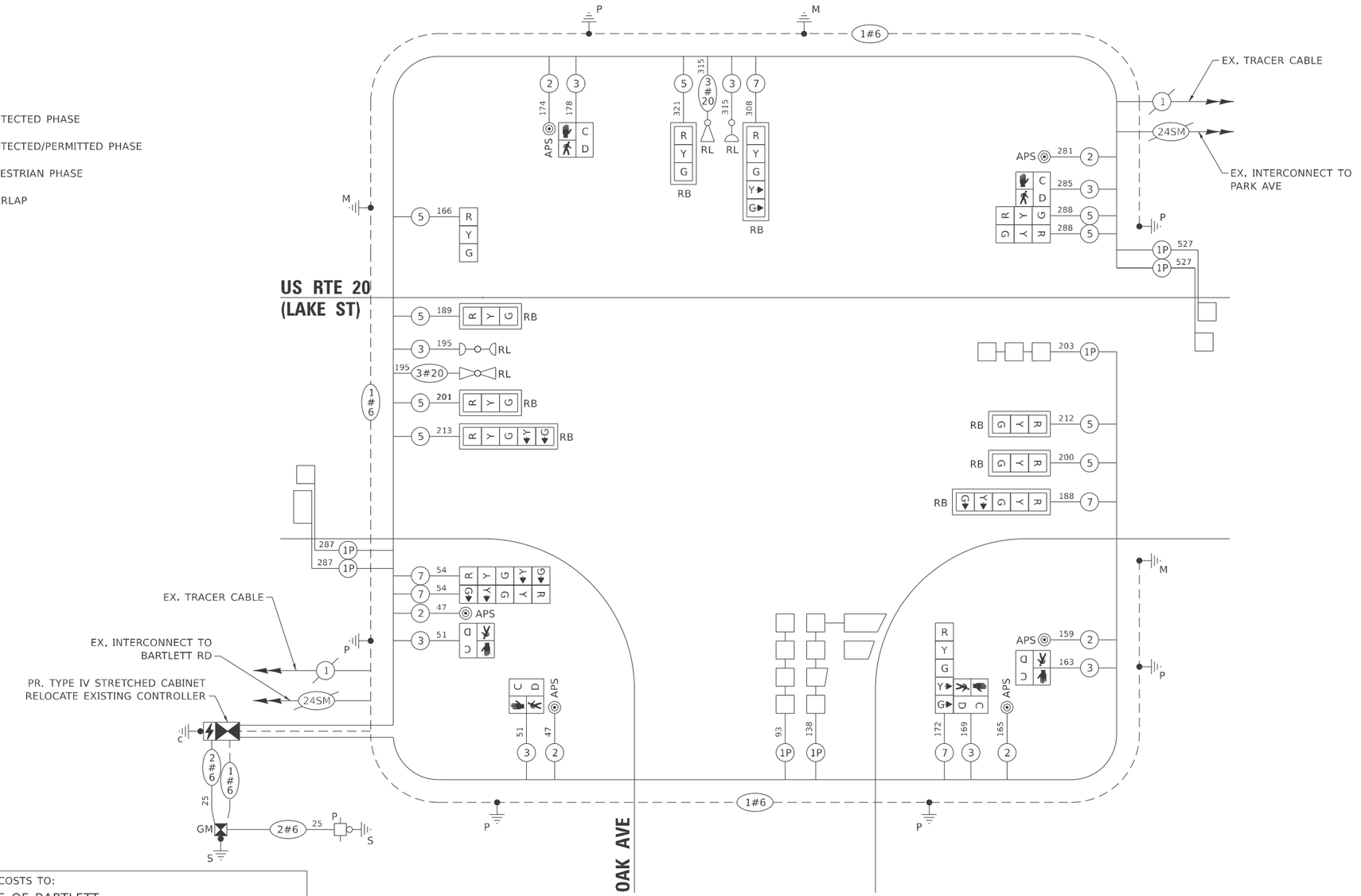
EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	8	11	88
4-SECTION	-	14	-
5-SECTION	6	13	78
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	6	15	90
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	1	35	35
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			466
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			1,071

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: ---

NOTE:

ALL RED SIGNAL INDICATIONS SHALL HAVE A LENS COVER.



CABLE PLAN
(NOT TO SCALE)

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

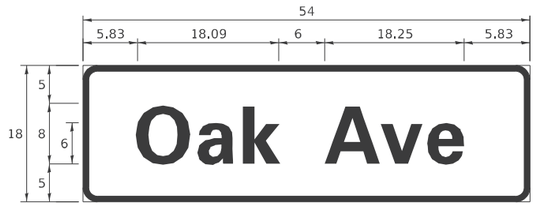
CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
US RTE 20 (LAKE ST) AT OAK AVE

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

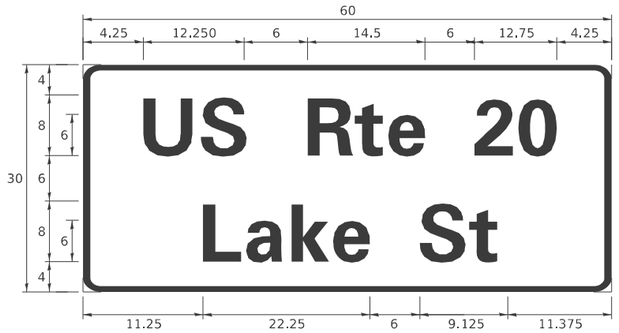
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	82
		CONTRACT NO. 62P51		
		ILLINOIS	FED. AID PROJECT	

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	724
	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	873
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1405
	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	657
	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	6
	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	3
	UNINTERRUPTABLE POWER SUPPLY AND CABINET (SPECIAL)	EACH	1
	CONTROLLER CABINET TYPE IV (SPECIAL)	EACH	1
	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6
	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	12
	LED SIGNAL FACE, LENS COVER	EACH	14
	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

* 100% COST TO THE VILLAGE OF BARTLETT

TS 1325
IDOT TACTICS

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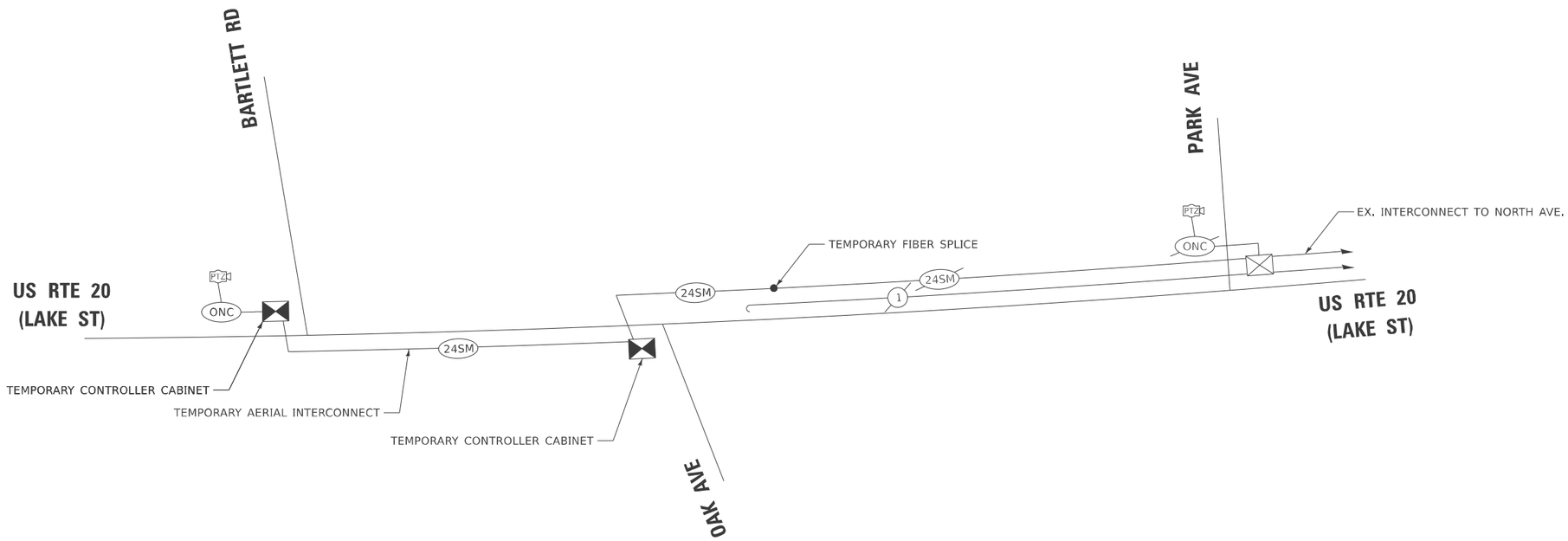
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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	



IDOT TACTICS

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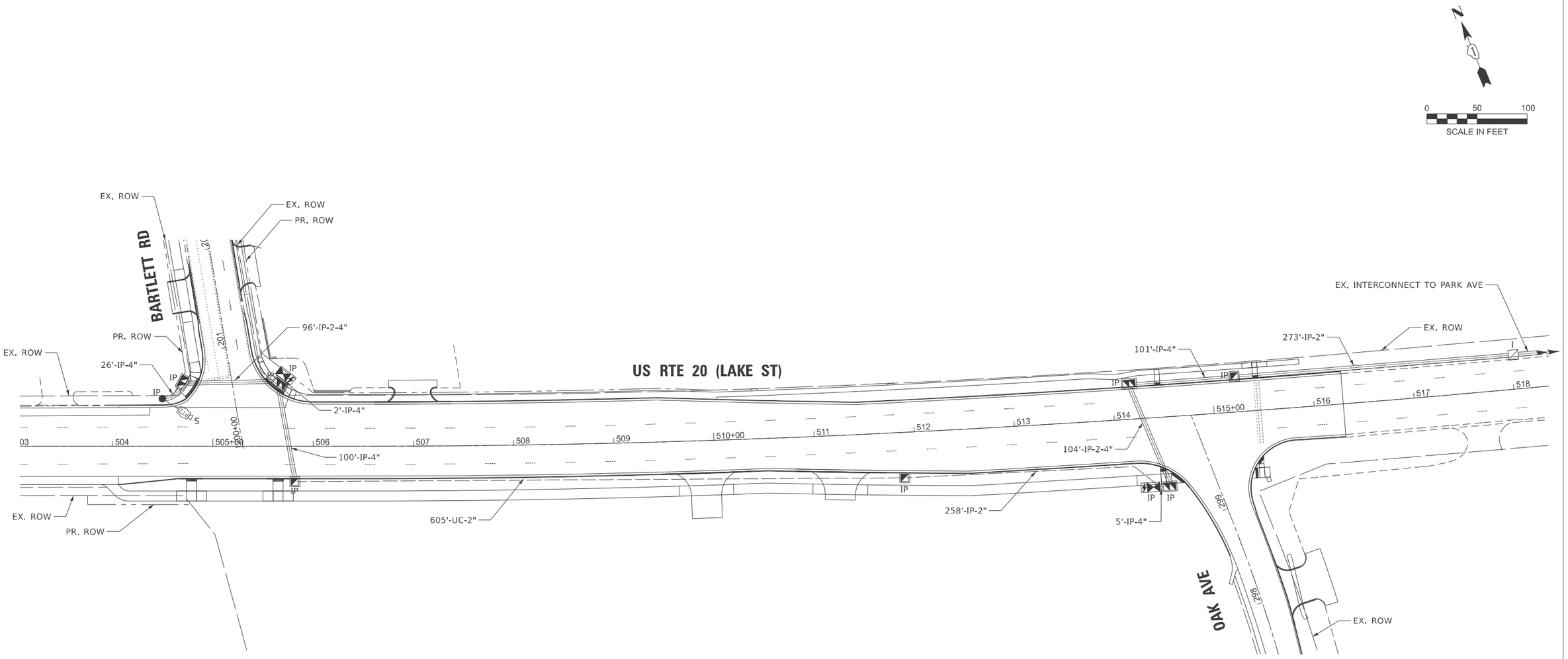
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PLOT DATE = 1/5/2026	DATE - 3/2/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY INTERCONNECT SCHEMATIC
US RTE 20 (LAKE ST) AT BARTLETT RD AND AT OAK AVE

SCALE: N.T.S. | SHEET 1 OF 4 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	84
		CONTRACT NO. 62P51		
		ILLINOIS	FED. AID PROJECT	



SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	605
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
SPLICE FIBER IN CABINET	EACH	12
REMOVE AND REINSTALL FIBER OPTIC CABLE FROM CONDUIT	FOOT	3140
OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1

IDOT TACTICS

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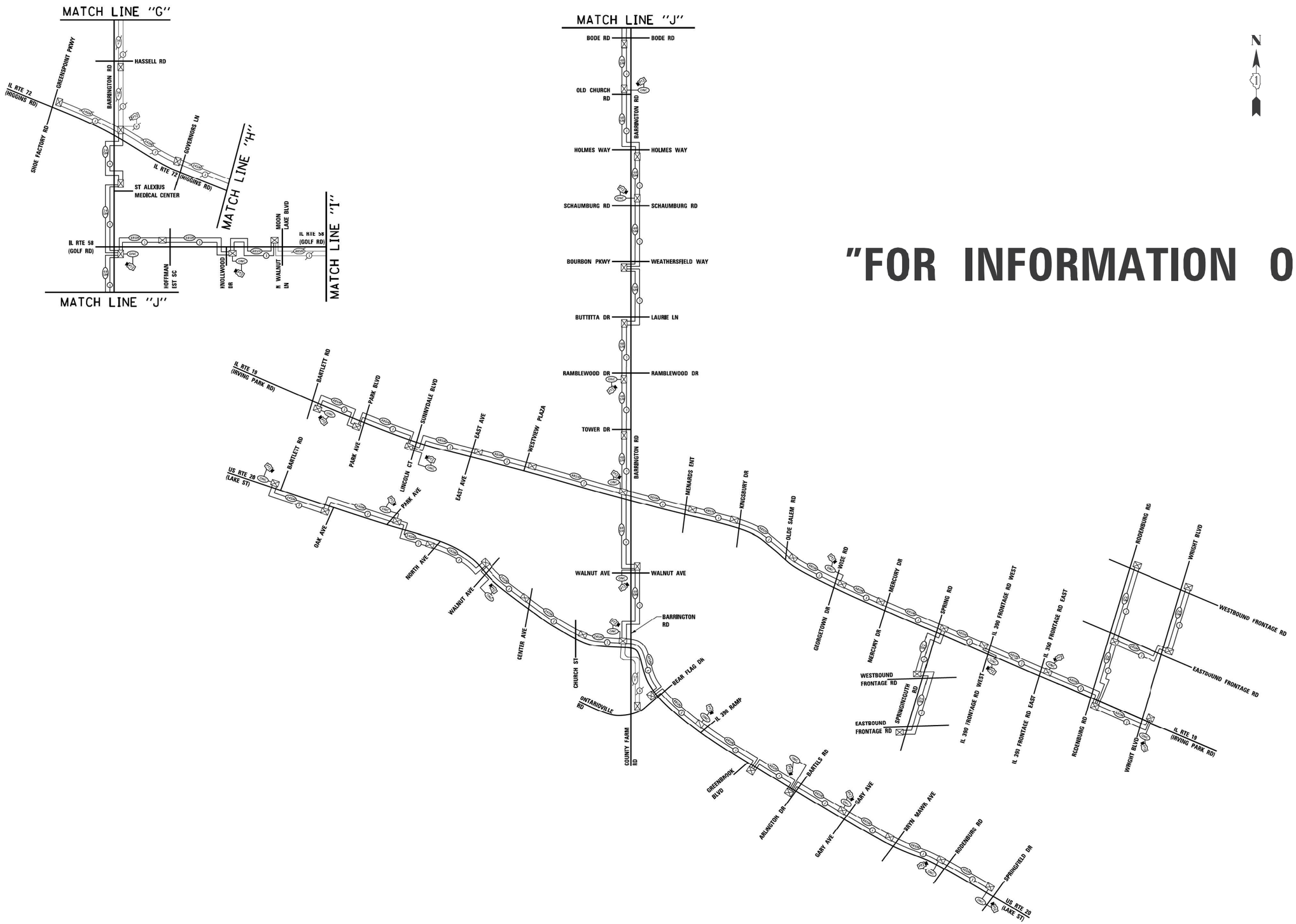
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PLOT DATE = 1/5/2026	DATE - 3/2/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED INTERCONNECT PLAN
US RTE 20 (LAKE ST) AT BARTLETT RD AND AT OAK AVE

SCALE: 1" = 50' | SHEET 2 OF 4 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	85
		CONTRACT NO. 62P51		
		ILLINOIS	FED. AID PROJECT	



"FOR INFORMATION ONLY"

IDOT CENTRACS & IDOT TACTICS

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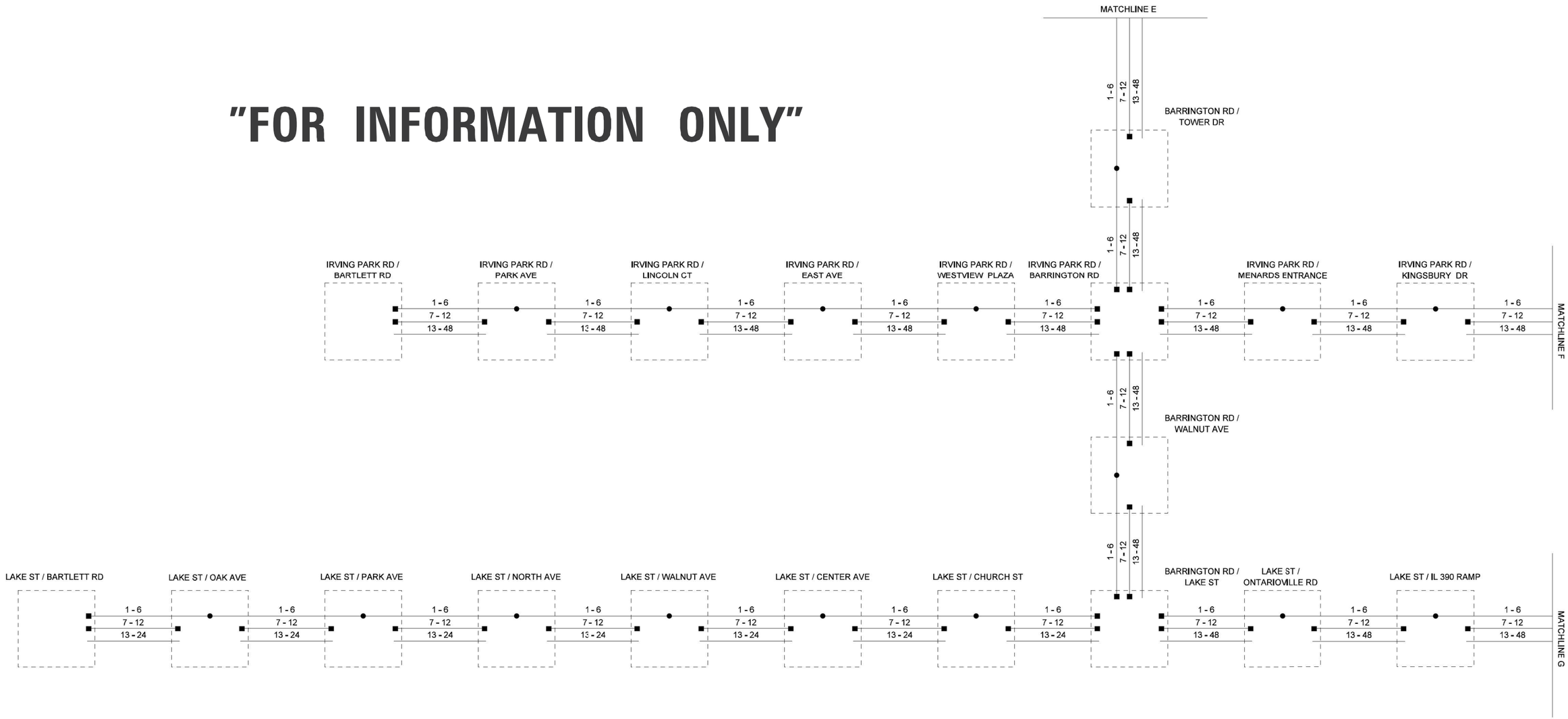
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERCONNECT SCHEMATIC
US RTE 20 (LAKE ST) AT BARTLETT RD AND AT OAK AVE

SCALE: N.T.S. | SHEET 3 OF 4 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	86
		CONTRACT NO. 62P51		
		ILLINOIS FED. AID PROJECT		

"FOR INFORMATION ONLY"



IDOT CENTRACS & IDOT TACTICS

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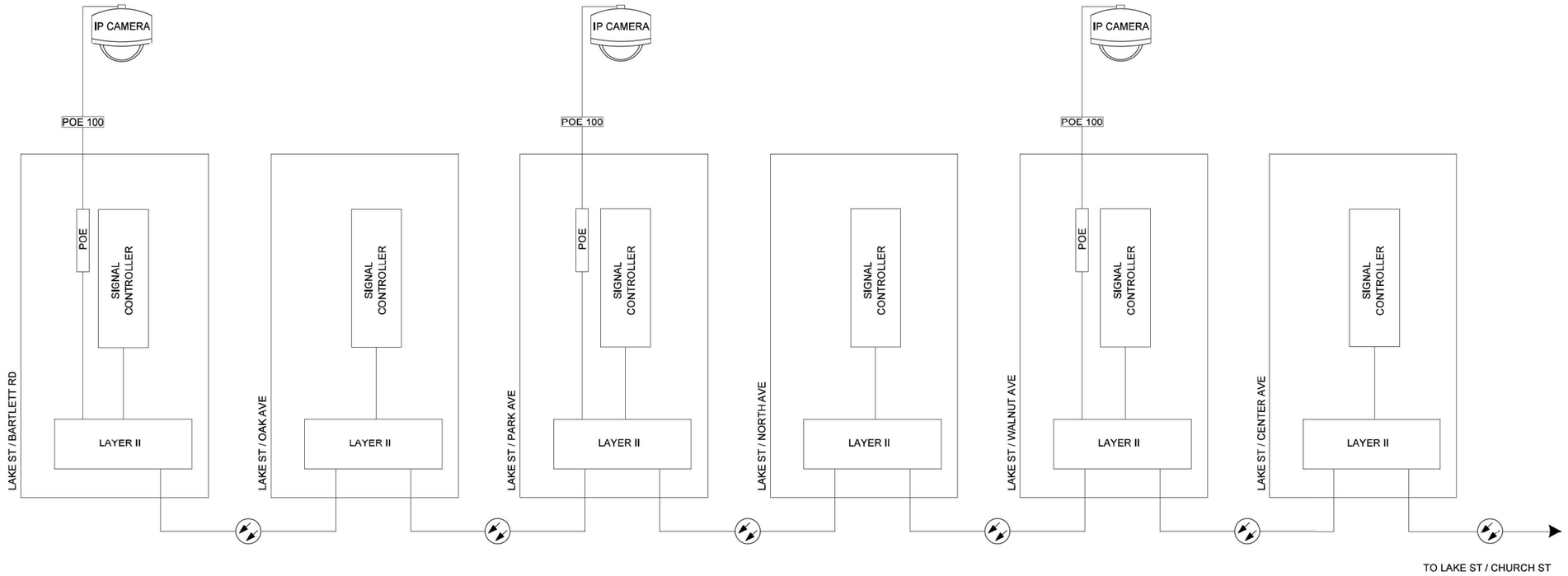
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER SPLICING DIAGRAM
US RTE 20 (LAKE ST) AT BARTLETT RD AND AT OAK AVE

SCALE: N.T.S. | SHEET 4 OF 4 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	87
		CONTRACT NO. 62P51		
		ILLINOIS FED. AID PROJECT		

"FOR INFORMATION ONLY"



IDOT CENTRACS & IDOT TACTICS

MODEL: Default
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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

FIBER SPLICING DIAGRAM
US RTE 20 (LAKE ST) AT BARTLETT RD AND AT OAK AVE

SCALE: N.T.S. | SHEET 4 OF 4 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	87A
		CONTRACT NO. 62P51		
	ILLINOIS	FED. AID PROJECT		

GENERAL NOTES:

1. THIS PROJECT INCLUDES THE INSTALLATION OF A NEW LIGHTING SYSTEM ALONG US 20 FROM WEST OF BARTLETT ROAD TO EAST OF OAK AVENUE. THE PROPOSED LIGHTING SHALL BE OWNED AND MAINTAINED BY THE VILLAGE OF BARTLETT.

2. THE QUANTITIES OF RACEWAYS WHEREVER INDICATED ON THESE PLANS ARE APPROXIMATIONS ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL LENGTHS AND SHALL INSTALL RACEWAYS IN COMPLETE COMPLIANCE WITH THE SPECIFIED REQUIREMENTS.

3. THE CONTRACTOR SHALL NOTIFY J.U.L.I.E. TO LOCATE AND MARK/STAKE ALL UNDERGROUND UTILITIES.

4. THE CONTRACTOR SHALL VERIFY LOCATIONS OF UNDERGROUND/OVERHEAD UTILITIES PRIOR TO INSTALLATION OF LIGHT POLES AND CONDUITS. IF THERE IS A CONFLICT WITH THE LIGHT POLES/CONDUITS INSTALLATION AS SHOWN ON THE PLANS, THE CONTRACTOR SHALL SUGGEST ALTERNATIVE LOCATIONS AND COORDINATE WITH THE ENGINEER PRIOR TO PERFORMING ANY CONSTRUCTION WORK. IT SHALL ALSO BE THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION ACTIVITIES.

5. TRENCHES FOR LIGHTING RACEWAYS SHALL HAVE A MINIMUM DEPTH OF 30".

6. LIGHTING SYSTEM INSTALLATION SHALL CONFORM TO THE LATEST IDOT STANDARDS, NEC AND LOCAL CODES.

7. ALL ELECTRICAL EQUIPMENT AND PRODUCTS SHALL BE UL LISTED AND LABELED.

8. THE CONTRACTOR SHALL TAKE PRECAUTION WHEN INSTALLING UNIT DUCT TO AVOID CONFLICTS WITH EXISTING UNDERGROUND UTILITIES AND TREES ROOTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE AS DETERMINED BY THE ENGINEER.

9. THE CONTRACTOR SHALL COORDINATE WITH ComEd AND THE VILLAGE OF BARTLET REGARDING THE REMOVAL OF EXISTING MAST ARMS WITH LUMINAIRES ATTACHED TO UTILITY POLES THROUGHOUT THE PROJECT LIMITS WHEN PROPOSED LIGHTING IS FULLY INSTALLED AND OPERATIONAL.

BILL OF MATERIALS

DESCRIPTION	UNIT	QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	589
UNIT DUCT, 600V, 5-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 2" DIA. POLYETHYLENE	FOOT	4086
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2	FOOT	50
LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	1
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	261
LUMINAIRE, LED, SPECIAL	EACH	60
ELECTRIC SERVICE INSTALLATION AND CONNECTION	EACH	1
LIGHT POLE, SPECIAL	EACH	30

LEGEND

PROPOSED LIGHTING UNIT 40 FT. MH, 8 FT. MAST ARM, 120V NEUTRAL, LED LUMINAIRE WITH DECORATIVE LUMINAIRE AT 14 FT. MH, 1.5 MA, 120V, RECEPTACLE ON POLE

UNIT DUCT, 600V, 5-1C #2, 1/C #4 GROUND (XLP-TYPE USE) 2" DIA. POLYETHYLENE

ComEd ELECTRIC SERVICE, 120/240V, 1 PHASE 3 WIRE

PROPOSED VILLAGE OF BARTLETT LIGHTING CONTROLLER "LC" 120/240V, 3 WIRE 100 AMP, BASE MOUNTED

UNDERGROUND CONDUIT, GALVANIZED STEEL

ELECTRIC CABLE IN CONDUIT 4" DIA., 3-1/C NO. 2

GROUND ROD 5/8" DIA. X 10 FT.

LT-01

MODEL: $MODELNAME$
FILE NAME: $FILE$

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6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

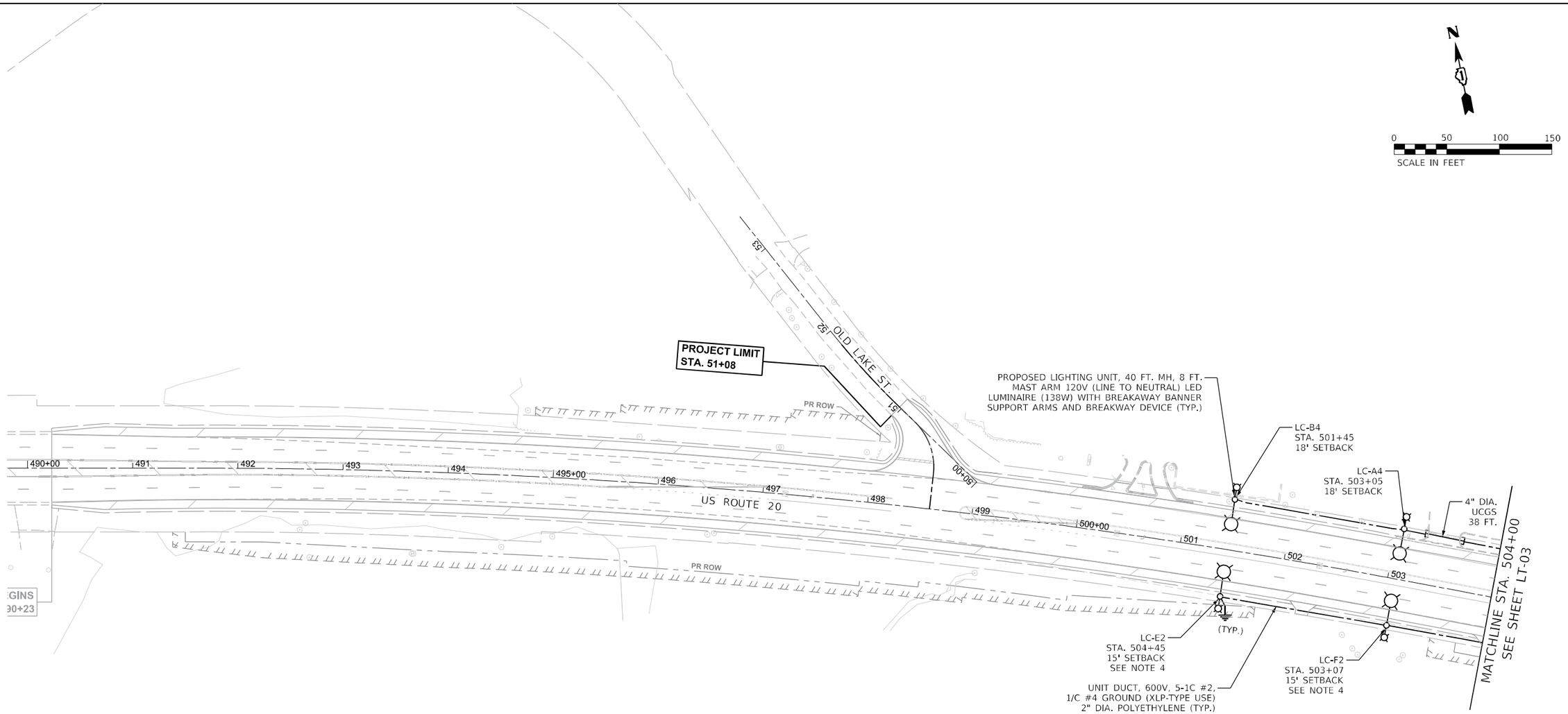
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, BILL OF MATERIALS AND LEGEND
US 20 AT BARTLETT RD. AND OAK AVE.

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	88
		CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			



NOTES:

1. FOR GENERAL NOTES AND LEGEND, SEE SHEET LT-01.
2. SETBACK IS FROM TRAVELED EDGE OF PAVEMENT TO CENTER OF LIGHT POLE.
3. UCGS STANDS FOR UNDERGROUND CONDUIT, GALVANIZED STEEL.
4. LIGHT POLE SHALL BE FURNISHED WITHOUT BANNER ARM.

LT–02

MODEL: Default
FILE NAME: F:\Projects\1081 - Phase II - Wood\WO - 13\Design\Sht\D162PS-Light-02.dgn

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Downers Grove, IL 60516

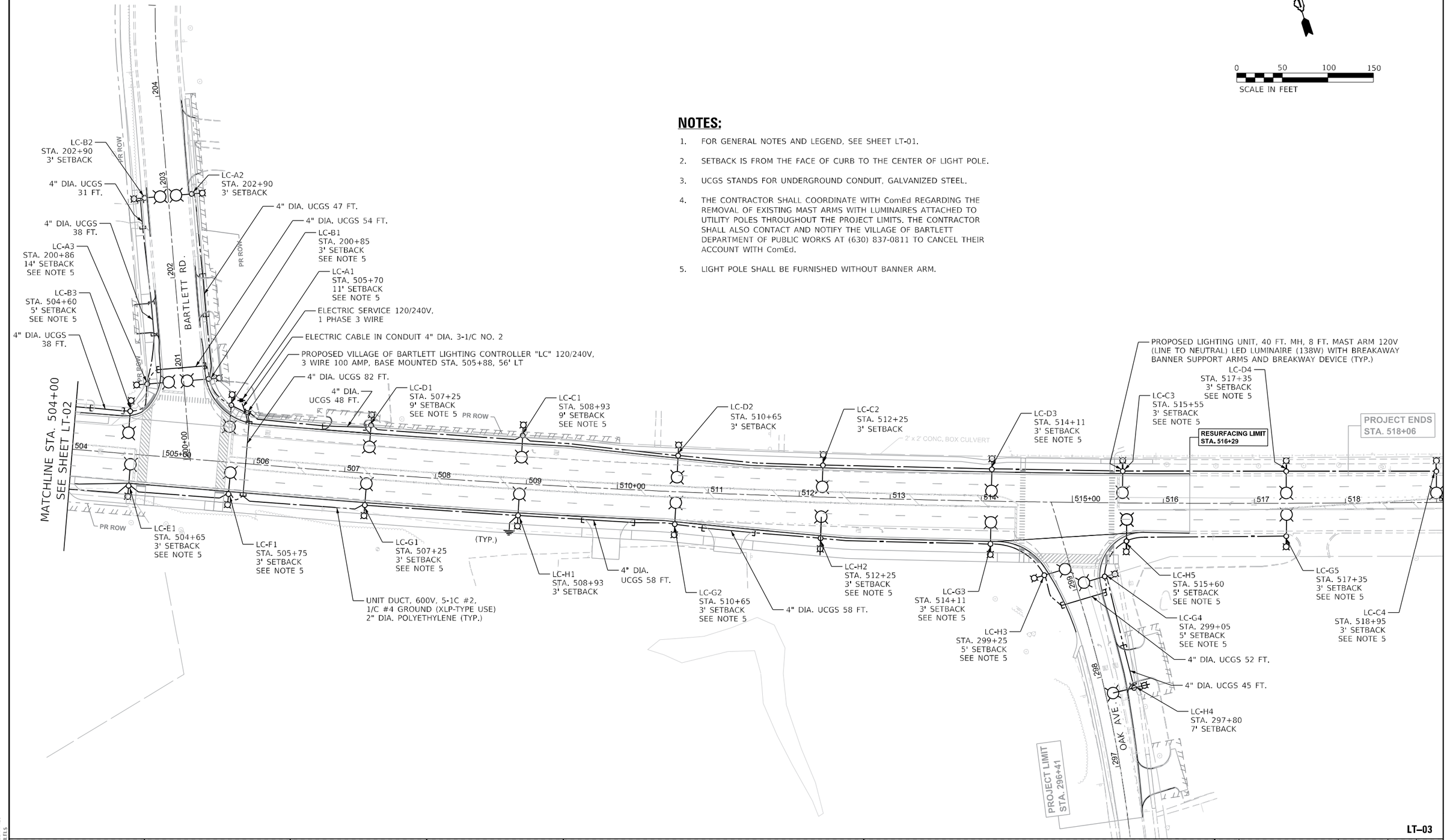
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLAN
US 20 AT BARTLETT RD. AND OAK AVE.

SCALE: 1"=50' | SHEET 1 OF 2 SHEETS | STA. 490+23 TO STA. 504+00

F.A.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	89
		CONTRACT NO. 62P51		
		ILLINOIS	FED. AID PROJECT	



NOTES:

1. FOR GENERAL NOTES AND LEGEND, SEE SHEET LT-01.
2. SETBACK IS FROM THE FACE OF CURB TO THE CENTER OF LIGHT POLE.
3. UCGS STANDS FOR UNDERGROUND CONDUIT, GALVANIZED STEEL.
4. THE CONTRACTOR SHALL COORDINATE WITH ComEd REGARDING THE REMOVAL OF EXISTING MAST ARMS WITH LUMINAIRES ATTACHED TO UTILITY POLES THROUGHOUT THE PROJECT LIMITS. THE CONTRACTOR SHALL ALSO CONTACT AND NOTIFY THE VILLAGE OF BARTLETT DEPARTMENT OF PUBLIC WORKS AT (630) 837-0811 TO CANCEL THEIR ACCOUNT WITH ComEd.
5. LIGHT POLE SHALL BE FURNISHED WITHOUT BANNER ARM.

LT-03

MODEL: $MODELNAME$
FILE NAME: $FILE$

AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

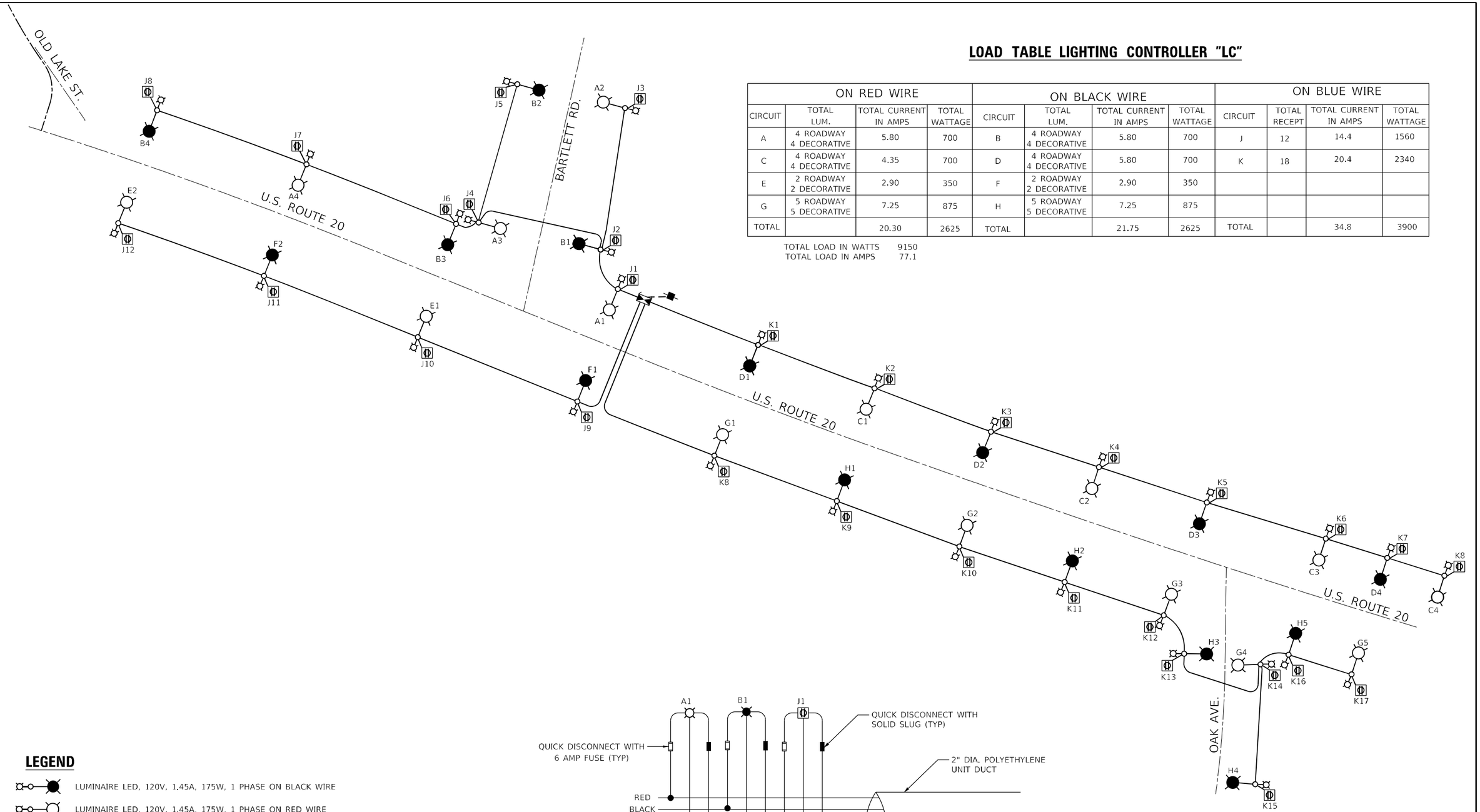
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLAN
US 20 AT BARTLETT RD. AND OAK AVE.

SCALE: 1"=50' | SHEET 2 OF 2 SHEETS | STA. 504+00 TO STA. 518+00

F.A.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	90
		CONTRACT NO. 62P51		
		ILLINOIS	FED. AID PROJECT	



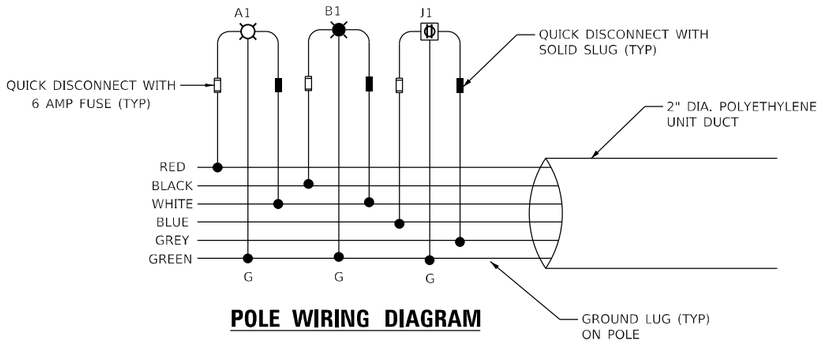
LOAD TABLE LIGHTING CONTROLLER "LC"

ON RED WIRE				ON BLACK WIRE				ON BLUE WIRE			
CIRCUIT	TOTAL LUM.	TOTAL CURRENT IN AMPS	TOTAL WATTAGE	CIRCUIT	TOTAL LUM.	TOTAL CURRENT IN AMPS	TOTAL WATTAGE	CIRCUIT	TOTAL RECEPT	TOTAL CURRENT IN AMPS	TOTAL WATTAGE
A	4 ROADWAY 4 DECORATIVE	5.80	700	B	4 ROADWAY 4 DECORATIVE	5.80	700	J	12	14.4	1560
C	4 ROADWAY 4 DECORATIVE	4.35	700	D	4 ROADWAY 4 DECORATIVE	5.80	700	K	18	20.4	2340
E	2 ROADWAY 2 DECORATIVE	2.90	350	F	2 ROADWAY 2 DECORATIVE	2.90	350				
G	5 ROADWAY 5 DECORATIVE	7.25	875	H	5 ROADWAY 5 DECORATIVE	7.25	875				
TOTAL		20.30	2625	TOTAL		21.75	2625	TOTAL		34.8	3900

TOTAL LOAD IN WATTS 9150
TOTAL LOAD IN AMPS 77.1

LEGEND

- LUMINAIRE LED, 120V, 1.45A, 175W, 1 PHASE ON BLACK WIRE
- LUMINAIRE LED, 120V, 1.45A, 175W, 1 PHASE ON RED WIRE
- FESTOON OUTLET, 120V GFCI, 1.2A ON BLUE WIRE
- UNIT DUCT, 600V, 5-1C #2, 1/C #4 GROUND (XLP-TYPE USE) 2" DIA. POLYETHYLENE
- ComEd ELECTRIC SERVICE, 120/240V, 1 PHASE 3 WIRE
- PROPOSED VILLAGE OF BARTLETT LIGHTING CONTROLLER "LC" 120/240V, 3 WIRE 100 AMP, BASE MOUNTED



POLE WIRING DIAGRAM

LT–04

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Downers Grove, IL 60516

USER NAME = mdeitche	DESIGNED - MH	REVISED -
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PLOT DATE = 3/10/2026	DATE - 11-21-2025	REVISED -

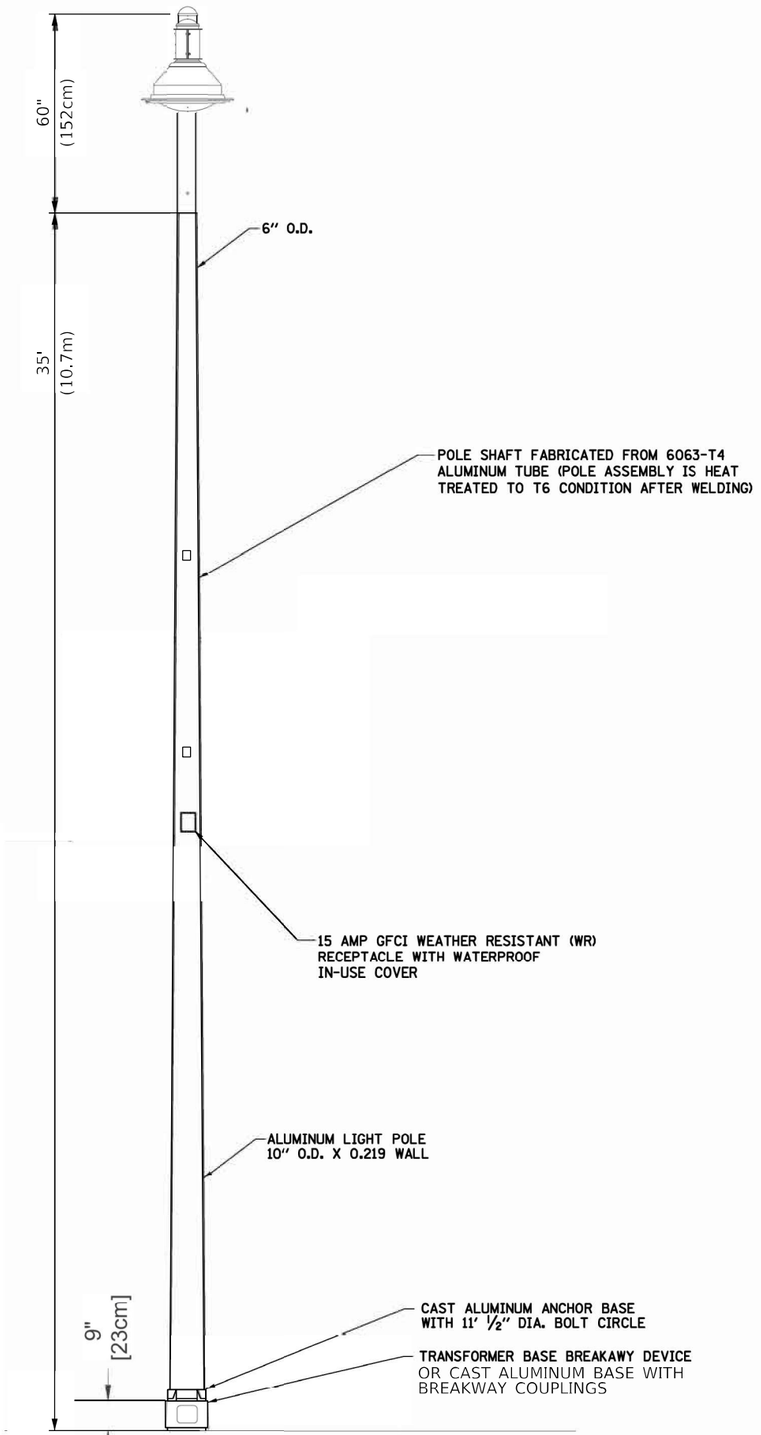
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WIRING DIAGRAM
US 20 AT BARTLETT RD. AND OAK AVE.

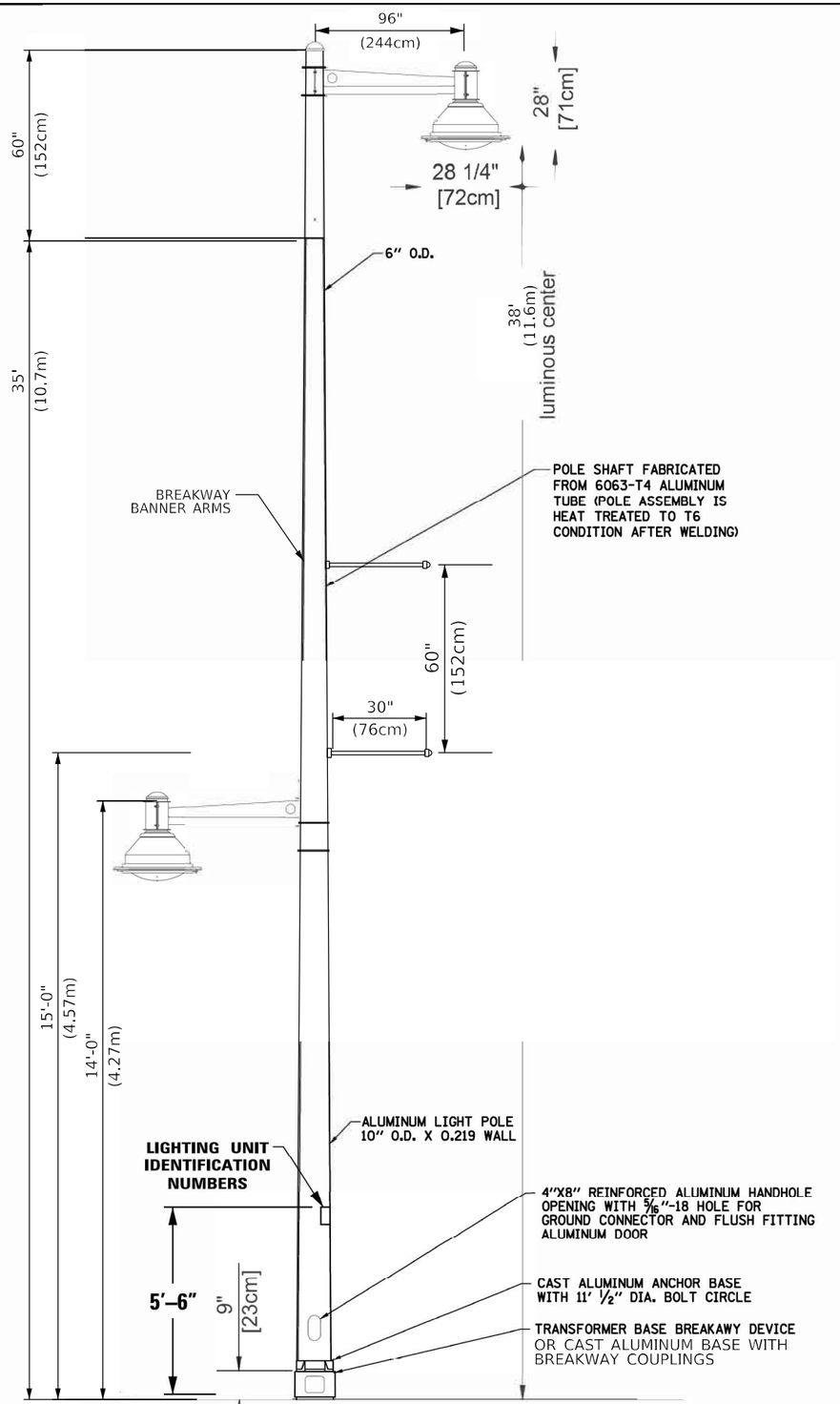
SCALE: N.T.S. | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	91
		CONTRACT NO. 62P51		
	ILLINOIS	FED. AID PROJECT		

MODEL: Default
FILE NAME: P:\Projects\1081 - Phase II - Wood\WO - 13\Design\Sht\D162P51-Light-04.dgn



FRONT VIEW
N.T.S.



SIDE VIEW
N.T.S.

NOTES:

1. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
2. THE LIGHT POLE SHALL MEET AASHTO DESIGN CRITERIA AS SPECIFIED.
3. THE INSTALLING CONTRACTOR SHALL PROVIDE A UL LISTED GROUNDING-⅜"-16 CONNECTOR. BURNDY K2C23 T&B SP4DL OR APPROVED EQUAL.
4. LIGHT POLE WILL BE SET PLUMB ON THE FOUNDATION WITHOUT THE USE OF LEVELING NUTS OR SHIMS.
5. LIGHT POLES WILL NOT BE INSTALLED WITHOUT MAST ARMS AND LUMIAIRES.
6. LIGHTING UNIT IDENTIFICATION **NUMBERS** SHALL BE INSTALLED BEFORE THE LIGHTING UNIT IS ENERGIZED PER VILLAGE OF STREAMWOOD REQUIREMENTS.
7. THE LIGHT POLE SHALL BE REVIEWED AND APPROVED BY THE VILLAGE OF BARTLETT PRIOR TO INSTALLATION.
8. A RETENTION CHAIN SHALL BE PROVIDED FOR THE BREAKAWAY BANNER ARMS.
9. THE LIGHT POLE SHALL BE CLASSIFIED BY UL, ETL OR APPROVED OSHA TESTING LABORATORY.
10. THE BREAKAWAY DEVICE SHALL BE AASHTO APPROVED.
11. BANNER AND PLANTER ARMS SHALL MEET AASHTO DESIGN CRITERIA (LOADING AND CALCULATION REQUIREMENT 90 MPH-3 SEC WIND SPEEDS.

LT–05

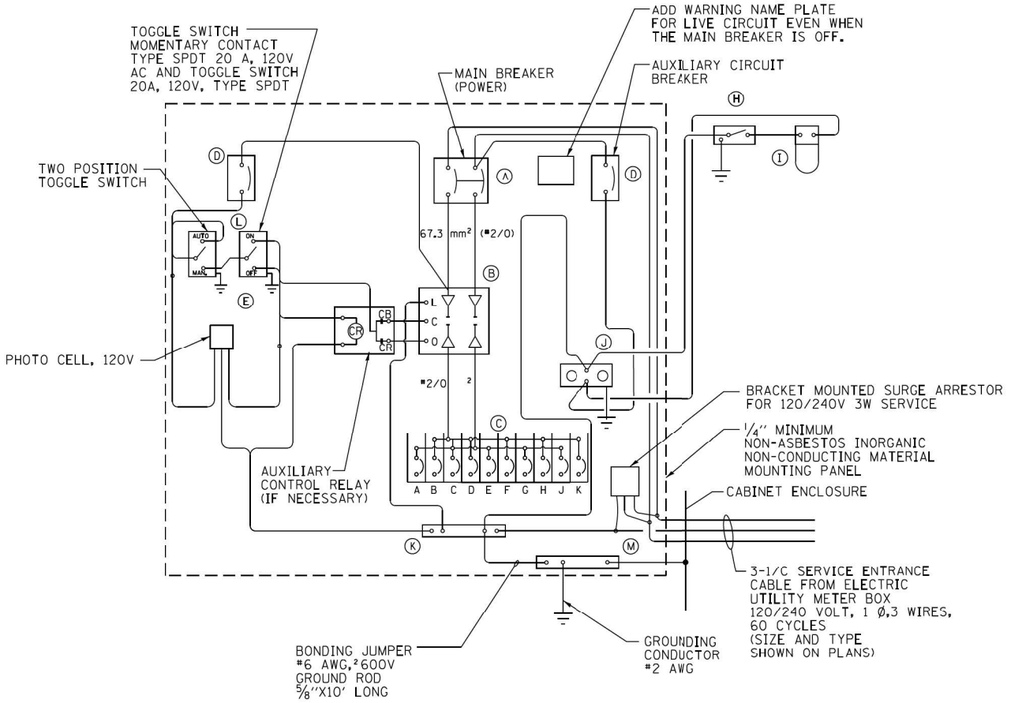
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FILE NAME= $FILEL$

AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516	USER NAME = $USER$	DESIGNED - MH	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
		DRAWN - SR	REVISED -	
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	PLOT DATE = $DATE$	DATE - 11-21-2025	REVISED -	

LIGHT POLE DETAILS
US 20 AT BARTLETT RD. AND OAK AVE.

SCALE: N.T.S. | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345		COOK	141	92
		CONTRACT NO. 62P51		
		ILLINOIS	FED. AID PROJECT	

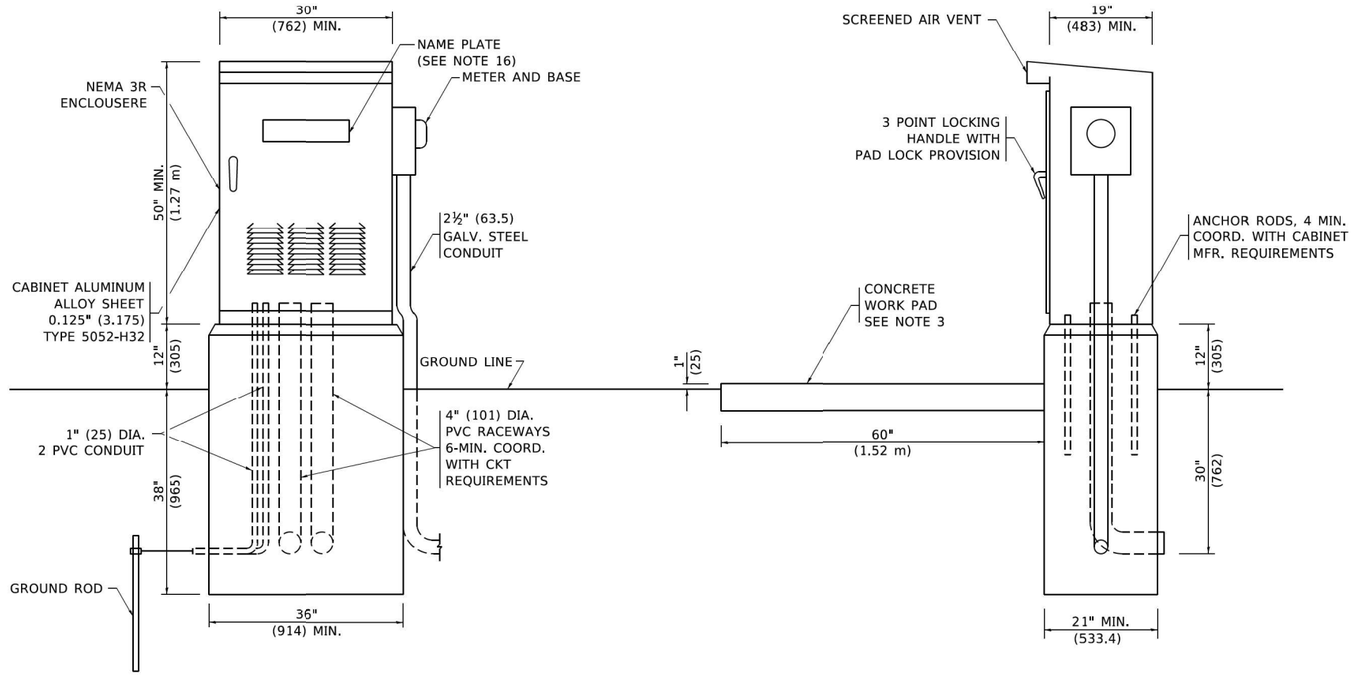


WIRING DIAGRAM

PANEL EQUIPMENT

BILL OF MATERIAL

ITEM	QTY.	DESCRIPTION
A	1	MAIN CIRCUIT BREAKER, 2 POLE, 600 VOLT 100 AMP. FRAME, 100 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-22000 AMP. AT 240 VOLT.
B	1	REMOTE CONTROL SWITCH, ELECTRICALLY OPERATED, MECHANICALLY HELD, 2 POLE, SINGLE THROW, 100 AMP., 600 VOLTS CONTROL CIRCUITS 120 VOLT, ASCO 920.
C	8	CIRCUIT BREAKERS, 1 POLE, 277V., 100AMP. FRAME 30AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-14,000 AMP. AT 120 V.
	2	CIRCUIT BREAKERS, 1 POLE, 277V., 100AMP. FRAME 50AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-14,000 AMP. AT 120 V. (GFCI)
D	2	CONTROL CIRCUIT-CIRCUIT BREAKER, 1 POLE, 240 V., 100AMP. FRAME, 15AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-14,000 AMP. AT 120 V.
E	1	PHOTECELL, 120V
H	1	SPST 20A SWITCH ON DOOR, TO TURN LIGHT ON WHEN DOOR IS OPEN.
I	1	INCANDESCENT LIGHTING FIXTURE ENCLOSED AND GASKETED WITH 60 WATT, 120 V. LAMP.
J	1	20 A., 120 V., DUPLEX RECEPTACLE, GFCI.
K	1	COPPER NEUTRAL BUS 6.35 mm (1/4") X 25.4 mm (1") X 304.8 mm (12") LONG MOUNTEC ON PANEL WITH LUGS AND 4 SPARE LUGS.
L	1	TOGGLE SWITCHES MOUNTED IN 101.6 mm (4") X 101.6 mm (4") BOX.
M	1	COPPER GROUND BUS 6.35 mm (1/4") X 25.4 (1") 304.8 mm (12") LONG MOUNTED CN PANEL WITH LUGS AND SPARE LUGS.
N	1	SURGE ARRESTOR



NOTES

1. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
2. FOUNDATION SIZE SHALL BE COORDINATED WITH CABINET SIZE AND MFR.
3. IN FRONT OF CONTROL CABINET DOOR, REMOVE VEGETATION AND 2" (50.8 mm) TOP SOIL, LEVEL THE AREA AND ON TOP, PLACE LENGTH WISE PARALLEL TO CONTROL CABINET, A CONCRETE PAD 36" (914.4 mm) x 60" (18.288 m) x 4" (101 mm) MIN. SIZE. THE COST OF LABOR AND MATERIALS ARE INCLUDED IN THE COST OF THE CONTROLLER.
4. DOOR SHALL BE CONSTRUCTED FROM SAME TYPE OF MATERIAL AND THICKNESS AS CABINET.
5. DOOR SHALL BE EQUIPPED WITH THREE POINT LATCHING MECHANISM WITH NYLON ROLLERS AT TOP THE BOTTOM.
6. DOOR HINGE SHALL BE A HEAVY GAUGE CONTINUOUS HINGE WITH A 1#4" (6.35 mm) DIA. STAINLESS STEEL HINGE PIN.
7. ALL EXTERNAL HARDWARE SHALL BE STAINLESS STEEL.
8. CONTROL WIRING TO BE #12 AWG, 600V, TYPE "SIS" GRAY SWITCH BOARD WIRE, STRANDED COPPER.
9. METER BOX SHALL BE MOUNTED ON THE SIDE OF CONTROL CABINET, NEAR TO THE SERVICE POLE.
10. CABINETS SHALL BE PRIMED AND PAINTED AS SPECIFIED.
11. THE HEADS OF CONNECTORS SCREWS SHALL BE PAINTED WHITE FOR NEUTRAL BAR CONNECTION AND GREEN FOR GROUND BAR CONNECTORS.
12. ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED.
    R = RED BL = BLUEW = WHITE
    B = BLACK Y = YELLOW G = GREEN
13. PROVIDE SEALING GROMMETS FOR ALL OPEN WIRING EXTENDED FROM DEVICES IN BOXES OR CABINETS WITHIN THE CONTROL CABINET.
14. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
15. THE CONTROLLER SHALL BE CONSTRUCTED TO U.L. STD. 508 AND BEAR THE U.L. LABEL "ENCLOSED INDUSTRIAL CONTROL PANEL".
16. 12" (304.8) X 16" (406.4 mm) STAINLESS STEEL EXTERIOR NAMEPLATE SHALL BE ENGRAVED TO "LIGHTING CONTROLS" UNLESS OTHERWISE SPECIFIED.

LT–06

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FILE NAME: $FILEL$

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Downers Grove, IL 60516

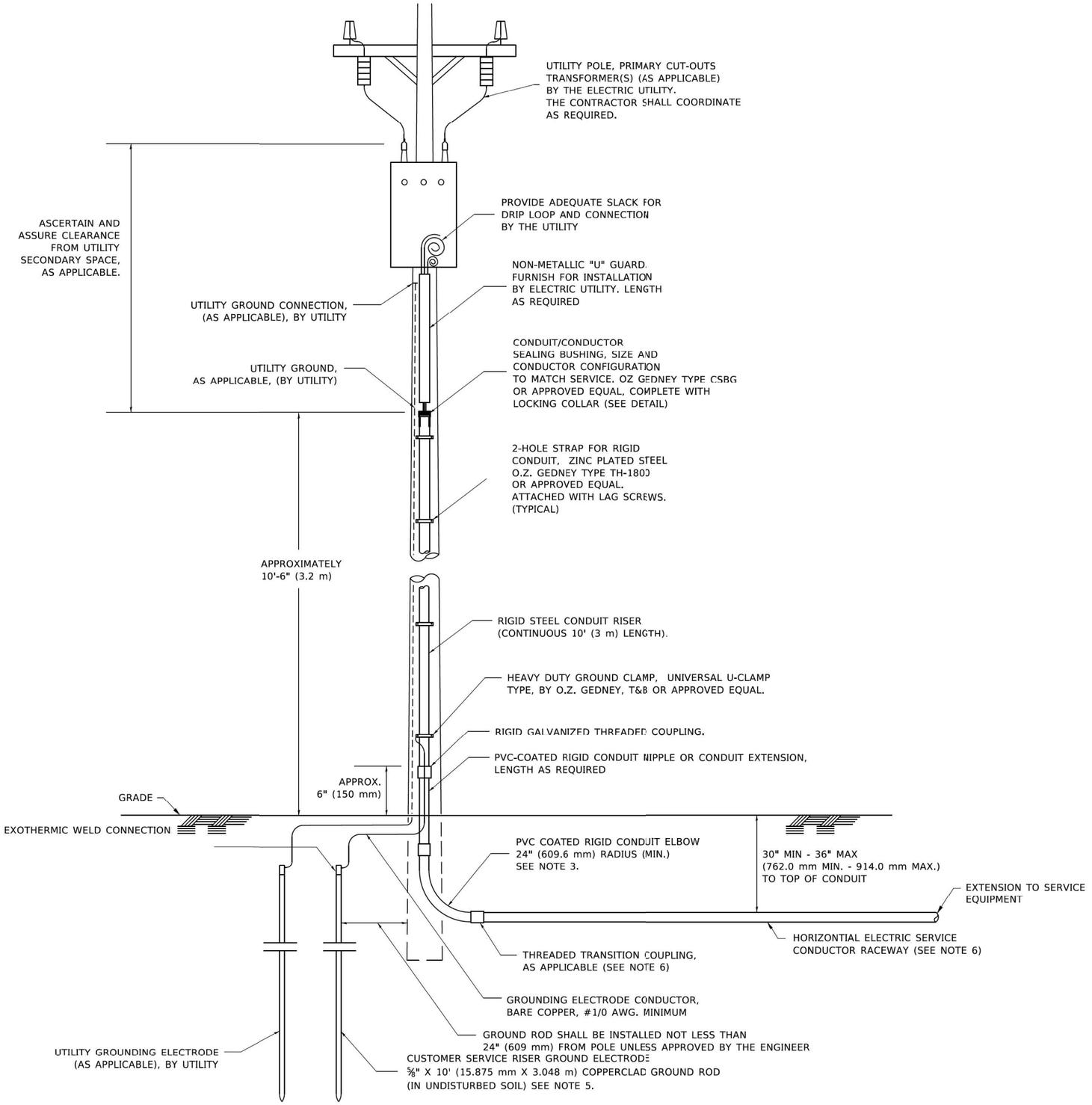
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING CONTROLLER SINGLE DOOR
US 20 AT BARTLETT RD. AND OAK AVE.

SCALE: N.T.S. | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345		COOK	141	93
		CONTRACT NO. 62P51		
	ILLINOIS	FED. AID PROJECT		

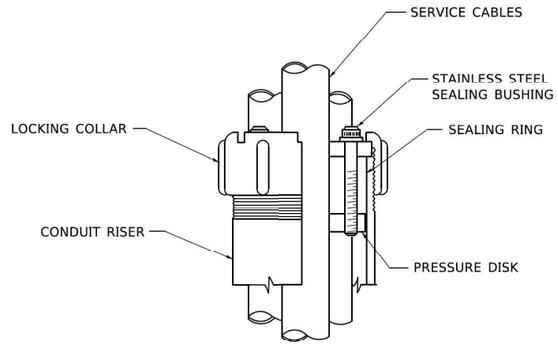


APPLICATION

THIS DETAIL APPLIES FOR LOW VOLTAGE ELECTRIC SERVICE (660 V OR LESS) FROM AN OVERHEAD UTILITY SUPPLY TO SEPERATLY-MOUNTED SERVICE EQUIPMENT.

NOTES

1. SERVICE VOLTAGE SHALL BE AS INDICATED ELSEWHERE IN THE DRAWINGS.
2. UNLESS OTHERWISE INDICATED, ITEMS AND WORK SHALL BE INCLUDED AND PAID AS PART OF THE ELECTRIC UTILITY SERVICE INSTALLATION PAY ITEM.
3. CONDUIT AND CONNECTOR DIAMETER SHALL MATCH THE DIAMETER OF THE SERVICE CONDUCTOR RACEWAY AS INDICATED ON THE PLANS.
4. PVC COATED RACEWAYS AND ACCESSORIES SHALL BE CAREFULLY INSTALLED WITH MFR RECOMMENDED TOOLS AND PROCEDURES TO AVOID DAMAGE. ANY DAMAGE SHALL BE REPAIRED WITH COMPATIBLE PVC TOUCH-UP MATERIAL TO THE SATISFACTION OF THE ENGINEER OR THE DAMAGED MATERIAL SHALL BE REPLACED AT NO ADDITIONAL COST.
5. THE CONTRACTOR SHALL OBTAIN INSPECTION AND APPROVAL BY THE ENGINEER OF SERVICE RISER GROUND ELECTRODE, RISER ELBOW, NIPPLE AND CONNECTION TO SERVICE CONDUCTOR RACEWAY EXTENSION BEFORE BACKFILL AND SHALL ALSO OBTAIN INSPECTION OF SERVICE RISER AND SEALING BUSHING BEFORE UTILITY "U" GUARD INSTALLATION AND SERVICE CONNECTION.
6. THE HORIZONTAL ELECTRIC SERVICE CONDUCTOR RACEWAY SHALL BE AS INDICATED AND SHALL BE MEASURED SEPARATELY FOR PAYMENT. WHEN THE RACEWAY IS PVC-COATED RIGID GALVANIZED STEEL, THE COUPLING SHALL BE THE SAME. WHEN THE RACEWAY IS PVC CONDUIT (IN CONCRETE), THE COUPLING SHALL BE A METALIC TO NON METALIC ADAPTER. WHEN THE RACEWAY IS ENCASED IN CONCRETE, THE CONCRETE SHALL EXTEND TO COVER THE COUPLING.
7. PLANS AND DETAILS INDICATE THE GENERAL NATURE AND REQUIREMENTS. THEY DO NOT SHOW EVERY ACCESSORY AND ATTACHMENT, AND THEY DO NOT RELIEVE THE CONTRACTOR OF THE REQUIREMENTS OF THE SPECIFICATIONS AND SPECIAL PROVISIONS TO ASCERTAIN UTILITY REQUIREMENTS AND TO COORDINATE ACCORDINGLY, FURNISHING ALL ITEMS AND WORK NOT PROVIDED BY THE UTILITY, BUT NECESSARY FOR A COMPLETE SERVICE INSTALLATION IS REQUIRED AND SHALL BE INCLUDED IN THE ELECTRIC UTILITY SERVICE INSTALLATION PAY ITEM.



SEALING BUSHING DETAIL

LT–07

MODEL: $MODELNAME$
FILE NAME: $FILE$

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CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

USER NAME = $USER$	DESIGNED - MH	REVISED -
	DRAWN - SR	REVISED -
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PLOT DATE = $DATE$	DATE - 11-21-2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

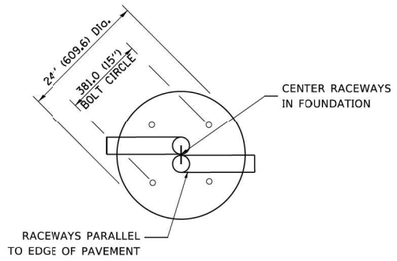
ELECTRIC SERVICE INSTALLATION AERIAL REMOTE DISCONNET
US 20 AT BARTLETT RD. AND OAK AVE.

SCALE: N.T.S. | SHEET 1 OF 1 SHEETS | STA. | TO STA.

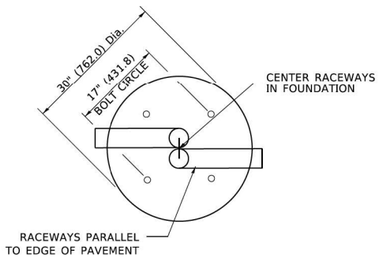
F.A.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345		COOK	141	94
		CONTRACT NO. 62P51		
	ILLINOIS	FED. AID PROJECT		

LIGHT POLE FOUNDATION DEPTH TABLE
40 FT. (12.192 m) TO 47.5 FT. (14.478 m) MOUNTING HEIGHT

SOIL CONDITIONS	DESIGN DEPTH "D" OF FOUNDATION	
	SINGLE ARM POLE	TWIN ARM POLE
SOFT CLAY Qu = 0.375 TON/SQ. FT.	13'-0" (3.96 m)	15'-0" (4.57 m)
MEDIUM CLAY Qu = 0.75 TON/SQ.FT	9'-6" (2.09 m)	10'-9" (3.23 m)
STIFF CLAY Qu = 1.50 TON/SQ. FT.	7'-0" (2.13 m)	8'-0" (2.44 m)
LOOSE SAND ∅ = 34°	9'-0" (2.74 m)	10'-0" (3.05 m)
MEDIUM SAND ∅ = 37.5°	8'-3" (2.52 m)	9'-0" (2.74 m)
DENSE SAND ∅ = 40°	7'-9" (2.36 m)	9'-0" (2.74 m)

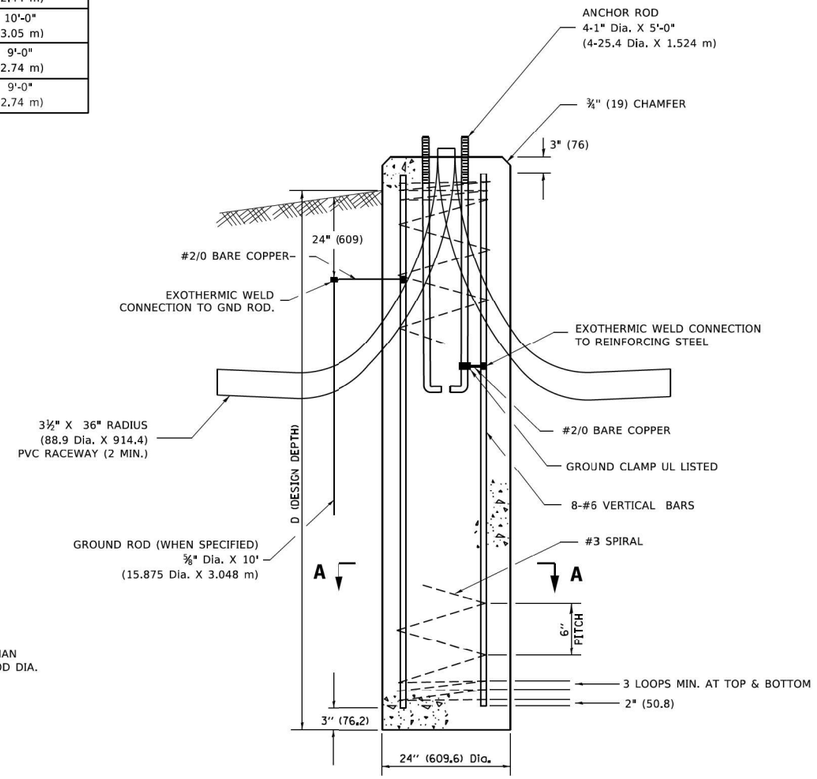


TOP VIEW

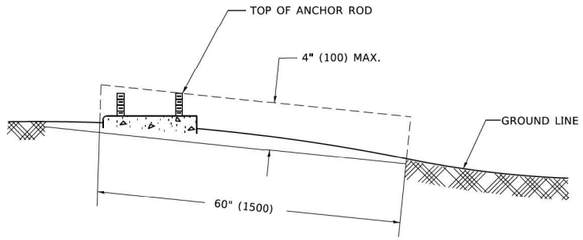


TOP VIEW

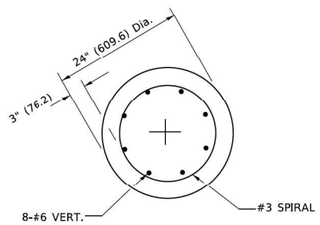
ANCHOR ROD DETAIL



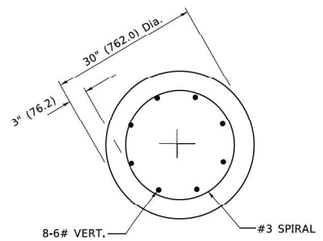
FOUNDATION DETAIL



FOUNDATION EXTENSION DETAIL



SECTION A–A



SECTION A–A

NOTES

1. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
2. THE ANCHOR RODS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IN PLACED.
3. THE FOUNDATION SHALL NOT PROTRUDE MORE THAN 100MM (4 IN.) ABOVE THE FINISHED GRADE WITHIN A 60 IN. (1.5 m) CHORD ACROSS THE FOUNDATION, WITH ANCHOR RODS INCLUDED, IN ACCORDANCE WITH AASHTO GUIDELINES. IF THE FOUNDATION HEIGHT, INCLUDING ANCHOR RODS, EXTENDS BEYOND THESE SPECIFIED LIMITS, THE FOUNDATION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. SEE FOUNDATION EXTENSION DETAIL.
4. THE HOLE FOR THE FOUNDATION SHALL BE MADE BY DRILLING WITH AN AUGER, OF THE SAME DIAMETER AS THE FOUNDATION. IF SOIL CONDITIONS REQUIRE THE USE OF A LINER TO FORM THE HOLE, THE LINER SHALL BE WITHDRAWN AS THE CONCRETE IS DEPOSITED.
5. THE TOP OF THE FOUNDATION SHALL BE CONSTRUCTED LEVEL. A LINER OR FORM SHALL BE USED TO PRODUCE A UNIFORM SMOOTH SIDE TO THE TOP OF THE FOUNDATION. FOUNDATION TOP SHALL BE CHAMFERED 3#4-IN. (20 mm).
6. THE CONCRETE SHALL BE CLASS SI. CONCRETE SHALL CURE ACCORDING TO ARTICLE 1020.13 BEFORE LIGHT POLES ARE INSTALLED.
7. THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
8. THE ANCHOR RODS SHALL BE ACCORDING TO ASTM F1554 GRADE 725 (GRADE 105). NUTS SHALL BE HEXAGON NUTS ACCORDING TO ASTM A 194 2H OR ASTM A 563 DH, AND WASHERS SHALL BE ACCORDING TO ASTM F 436.
9. ANCHOR RODS, NUTS AND WASHERS SHALL BE COMPLETELY GALVANIZED BY EITHER THE HOT-DIPPED PROCESS CONFORMING WITH AASHTO M 232, THE MECHANICAL PLATING METHOD CONFORMING TO AASHTO M 298, CLASS 50 WITH A MAXIMUM COATING THICKNESS OF 150 UM(6 MILS) OR THE ELECTROLYTIC PROCESS ACCORDING TO ASTM F 1135.
10. THE ANCHOR RODS SHALL BE THREADED A MINIMUM OF 6 INCHES (150 mm) WITH A MINIMUM OF 3 INCHES (75 mm) OF THREADED ANCHOR ROD EMBEDDED IN THE FOUNDATION.
11. ANCHOR RODS SHALL PROJECT 23#4" (69.9 mm) ABOVE THE TOP OF THE FOUNDATION. IF BREAKAWAY COUPLINGS ARE SPECIFIED, THE CONTRACTOR SHALL CAREFULLY COORDINATE THE ANCHOR ROD PROJECTION WITH THE INSTALLATION REQUIREMENTS OF THE BREAKAWAY COUPLINGS.
12. THE CONTRACTOR SHALL USE A #3 SPIRAL AT 6" (152.4 mm) PITCH OR MAY SUBSTITUTE #3 TIES AT 12" (304.8 mm) O.C. WITH THE APPROVAL OF THE ENGINEER.
13. THE CABLE TRENCHES AND FOUNDATION SHALL BE BACK FILLED AND COMPACTED AS SPECIFIED BEFORE THE LIGHT POLE IS ERECTED.
14. THE RACEWAYS SHALL PROJECT 1" (25.4 mm) ABOVE THE TOP OF THE FOUNDATION.

LT–08

AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

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	DRAWN -	REVISED -
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PLOT DATE = 4/19/2019	DATE -	REVISED -

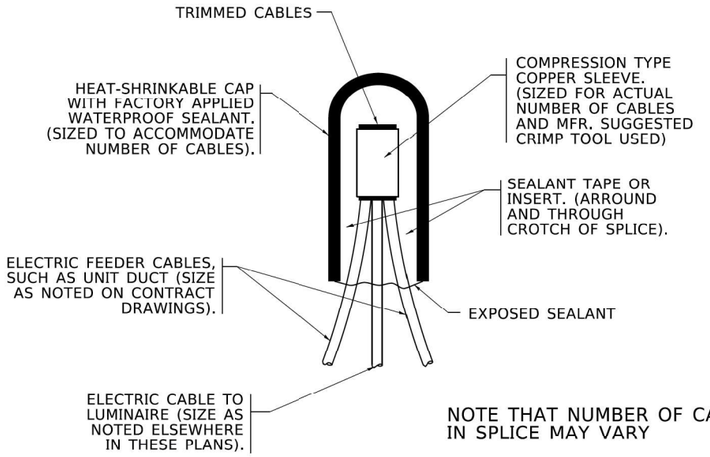
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHT POLE FOUNDATION
40' (12.192 m) TO 47 1/2' (14.478 m) M.H. 15" (381 mm) BOLT CIRCLE

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345			141	95
	BE–301		CONTRACT NO. 62P51	
		ILLINOIS	FED. AID PROJECT	

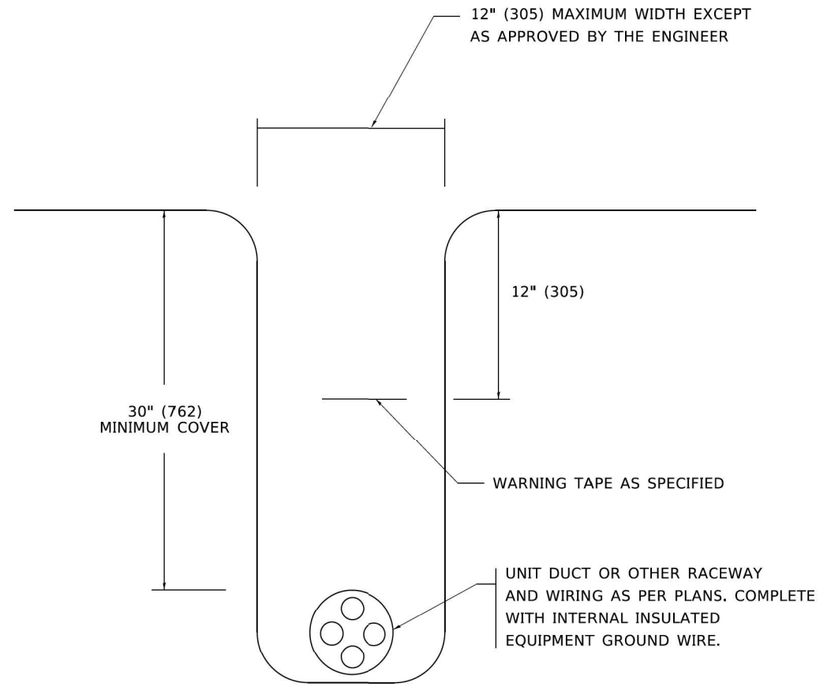
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NOTE THAT NUMBER OF CABLES IN SPLICE MAY VARY

TYPICAL SPLICE DETAIL

N.T.S.



TYPICAL WIRING IN TRENCH DETAIL

N.T.S.

LT–09

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FILE NAME: $FILE$

AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

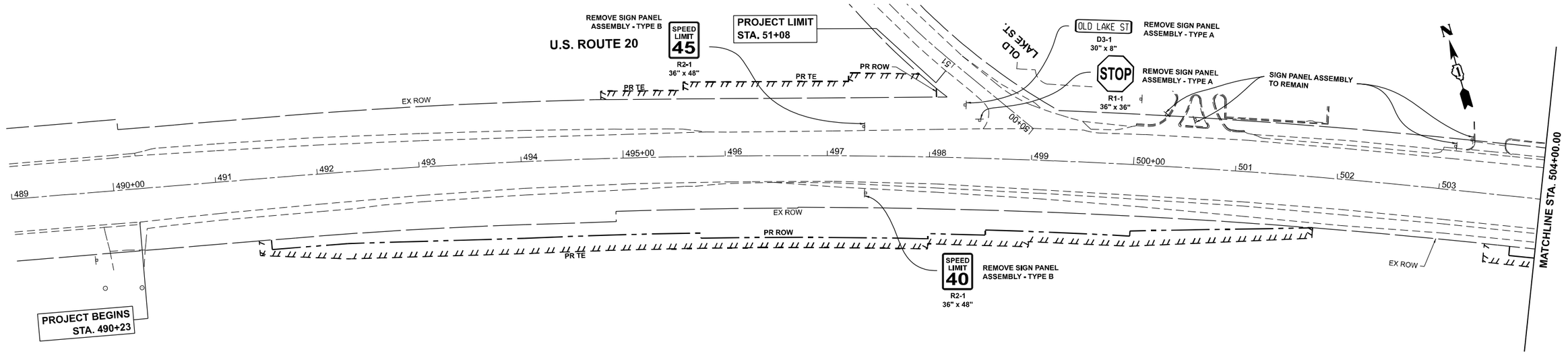
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

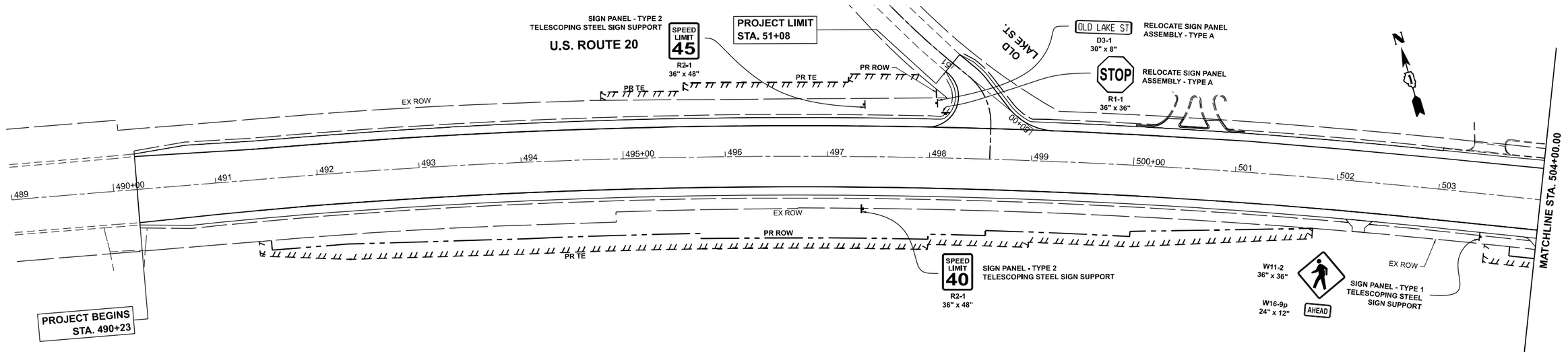
MISC. ELECTRICAL DETAILS
US 20 AT BARLETT RD. AND OAK AVE.

SCALE: N.T.S. | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345		COOK	141	96
		CONTRACT NO. 62P51		
	ILLINOIS	FED. AID PROJECT		



EXISTING



PROPOSED

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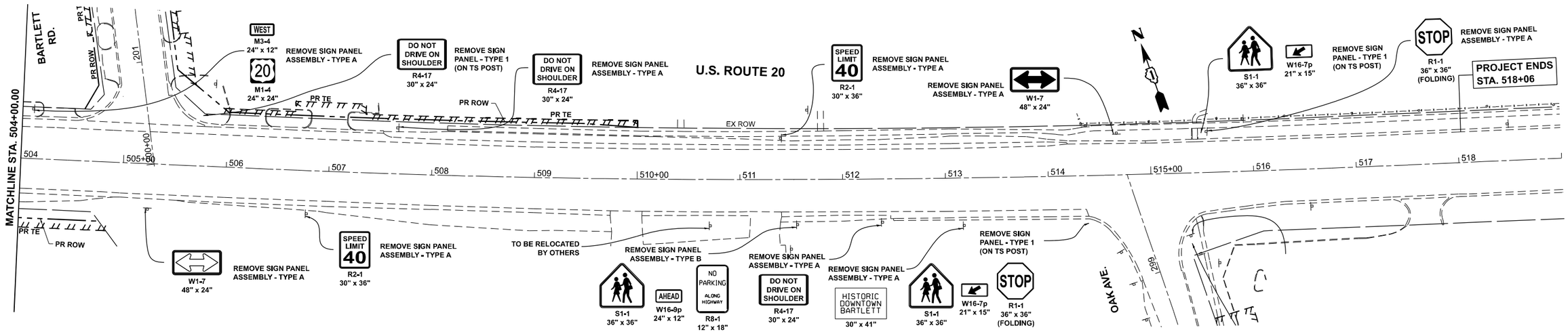
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PLOT DATE = 3/5/2026	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

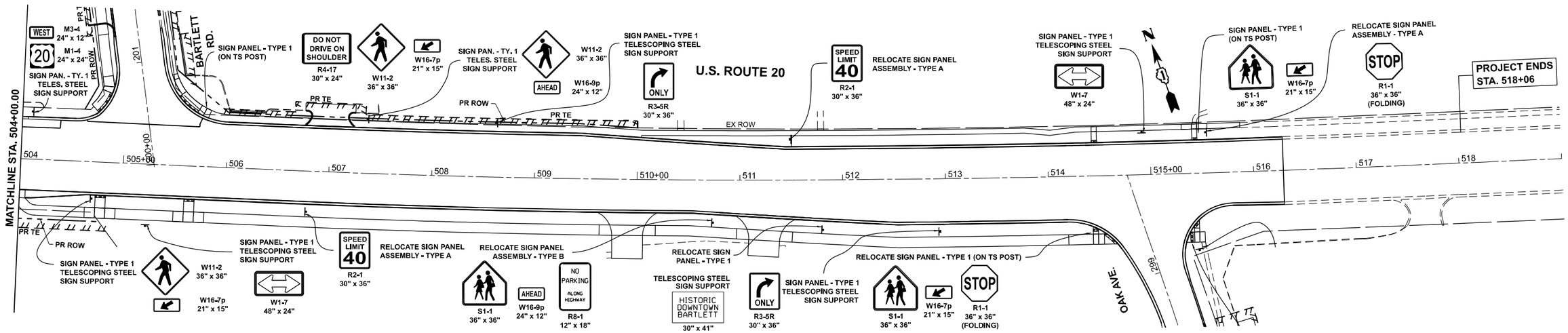
EXISTING AND PROPOSED SIGNING PLAN
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: 1"=50' | SHEET 1 OF 4 SHEETS | STA. 489+00.00 TO STA. 504+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 62P51		
	ILLINOIS	FED. AID PROJECT		



EXISTING

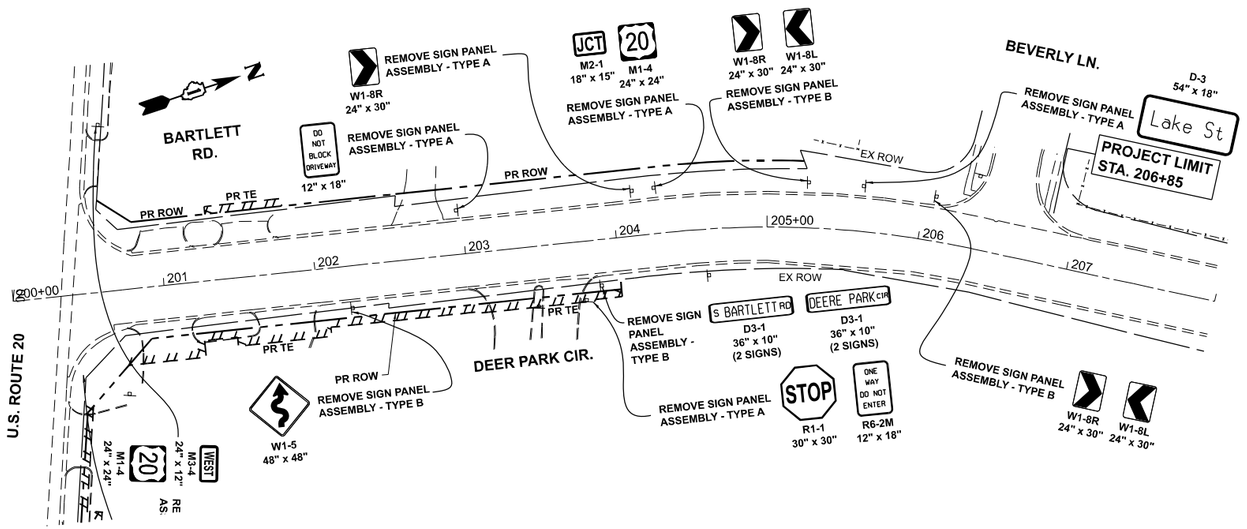


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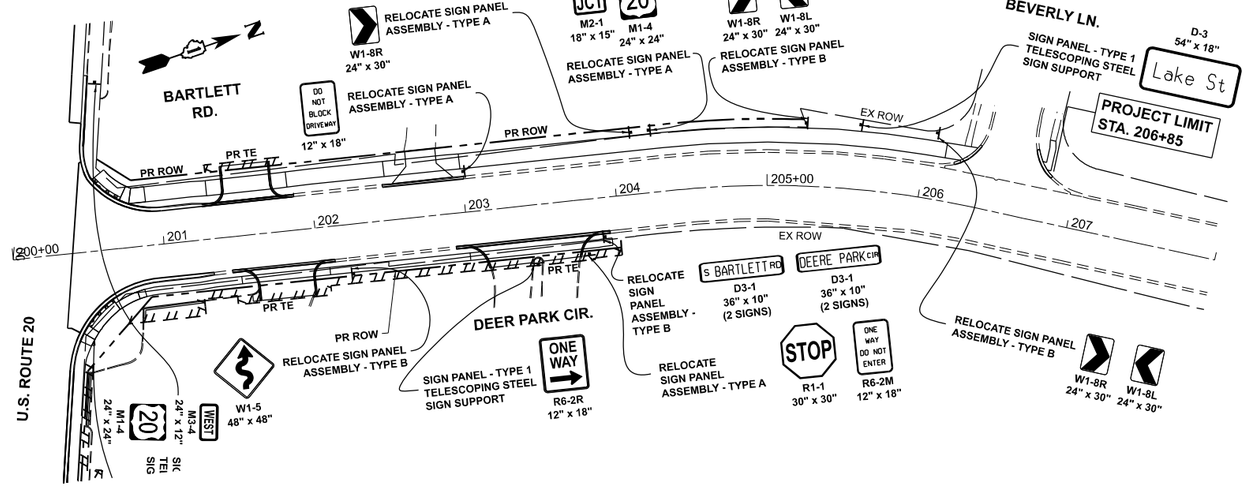
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	DRAWN -	REVISED -			
	CHECKED -	REVISED -			
PLOT DATE = 3/5/2026	DATE -	REVISED -		SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 504+00.00 TO STA. 519+00.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			



EXISTING



PROPOSED

USER NAME = farhan.tariq	DESIGNED -	REVISED -	**STATE OF ILLINOIS**
	DRAWN -	REVISED -	**DEPARTMENT OF TRANSPORTATION**
	CHECKED -	REVISED -	
PLOT DATE = 2/3/2026	DATE -	REVISED -	

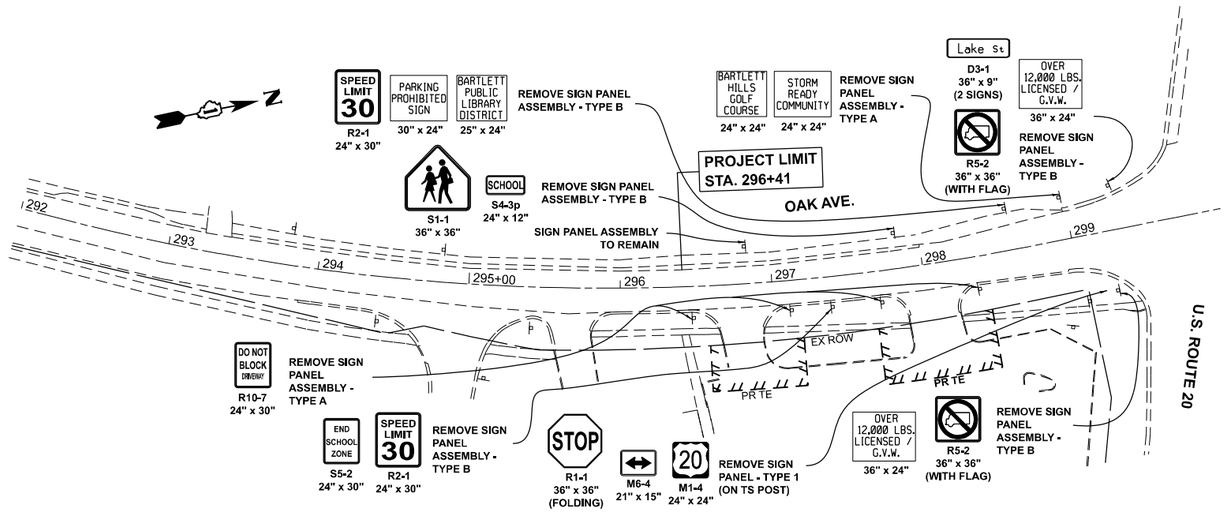
EXISTING AND PROPOSED SIGNING PLAN
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: 1"=50' | SHEET 3 OF 4 SHEETS | STA. 200+00.00 TO STA. 208+00.00

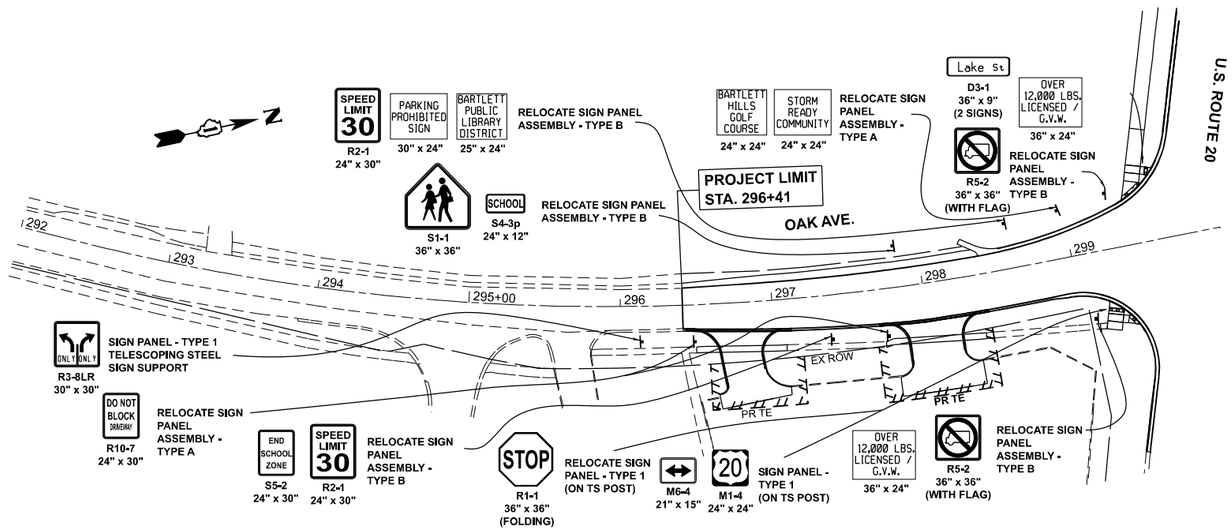
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	ILLINOIS	FED. AID PROJECT		

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EXISTING



PROPOSED



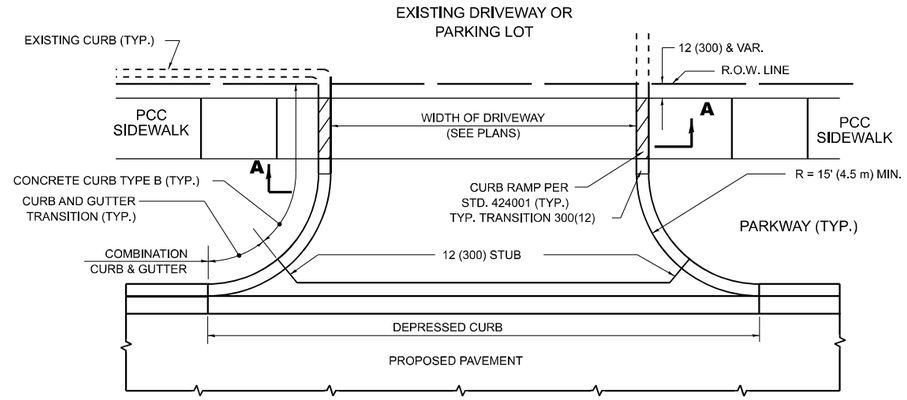
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PLOT DATE = 2/3/2026	DATE -	REVISED -	

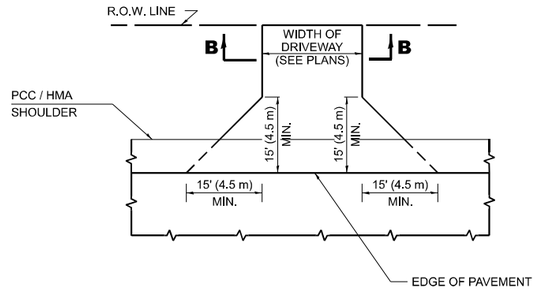
EXISTING AND PROPOSED SIGNING PLAN
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: 1"=50' | SHEET 4 OF 4 SHEETS | STA. 292+00.00 TO STA. 300+00.00

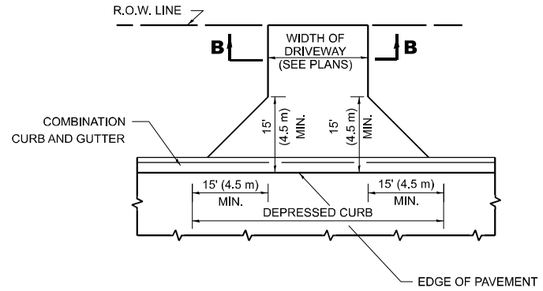
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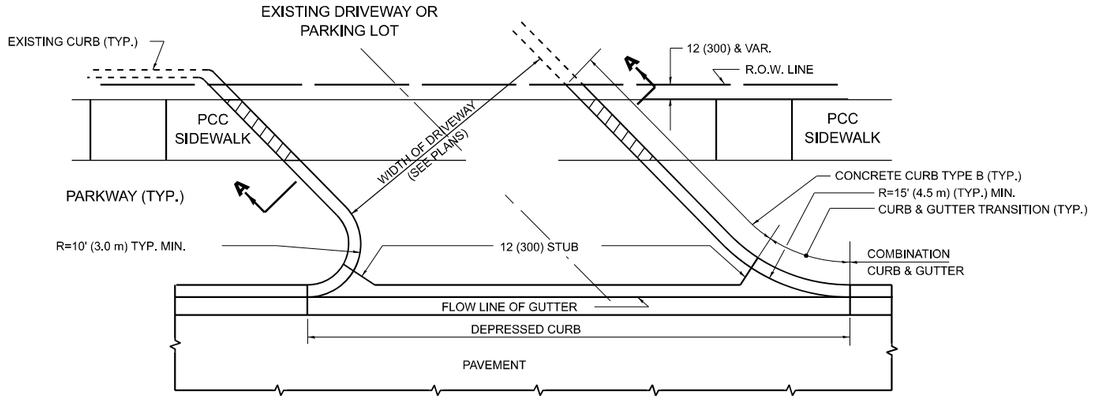
WITH CONCRETE CURB, TYPE B



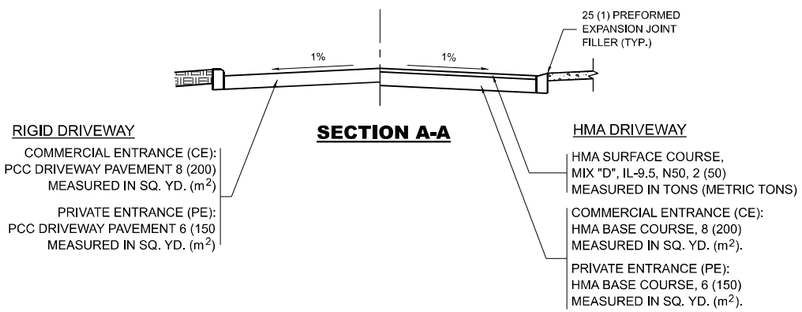
ADJACENT TO PCC / HMA SHOULDER

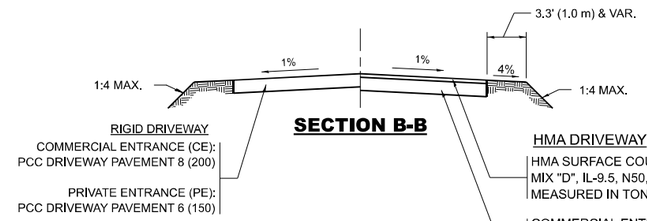


ADJACENT TO CURB AND GUTTER



WITH CONCRETE CURB, TYPE B





RURAL FIELD ENTRANCE (FE)

HMA SURFACE COURSE,
MIX "D", IL-95, N50, 2 (50)
MEASURED IN TONS (METRIC TONS)

AGGREGATE BASE COURSE., TYPE B, 8 (200)
MEASURED IN SQ. YD. (m^2).

GENERAL NOTES

1. DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

2. COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

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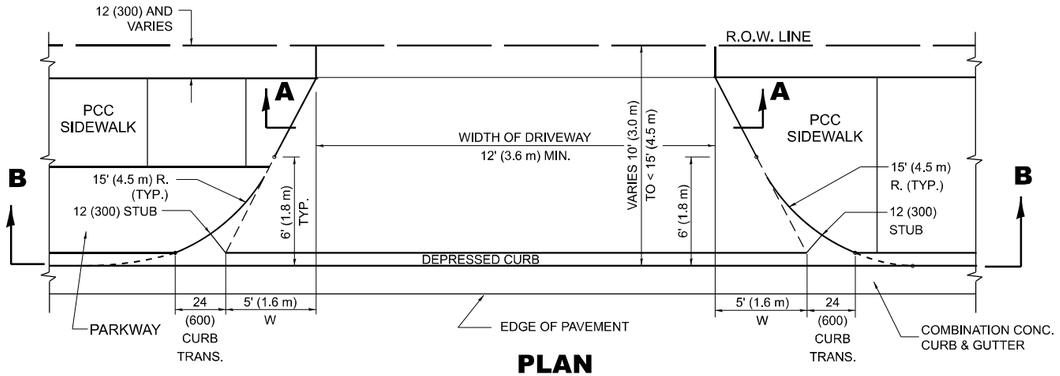
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	DRAWN -	REVISED - R. BORO 09-06-11	
	CHECKED -	REVISED - K. SMITH 08-28-19	
PLOT DATE = 2/3/2026	DATE - 11-04-95	REVISED - K. SMITH 11-18-22	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >15'(4.5m)

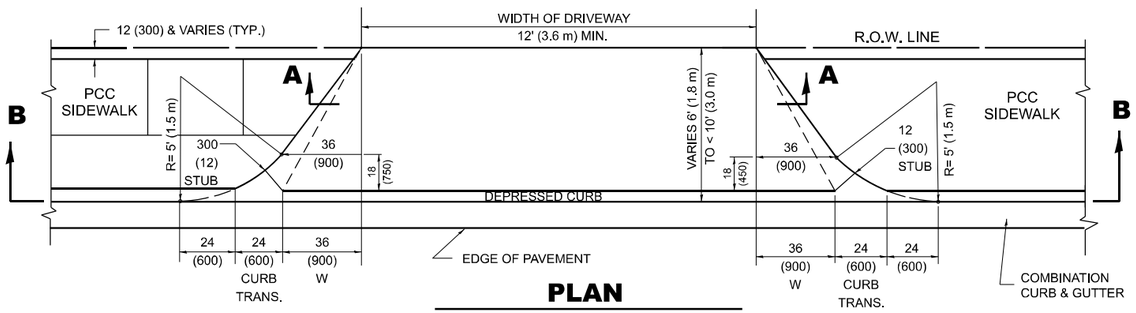
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	BD400-01 (BD-01)	CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			



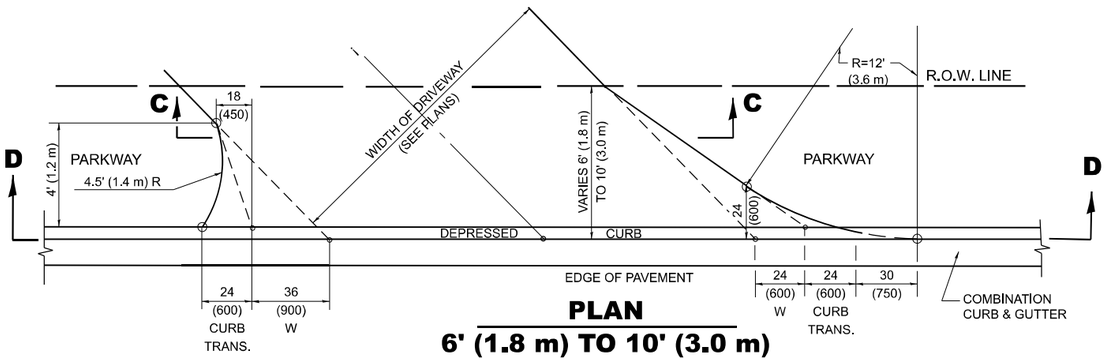
PLAN

10' (3.0 m) TO < 15' (4.5 m)



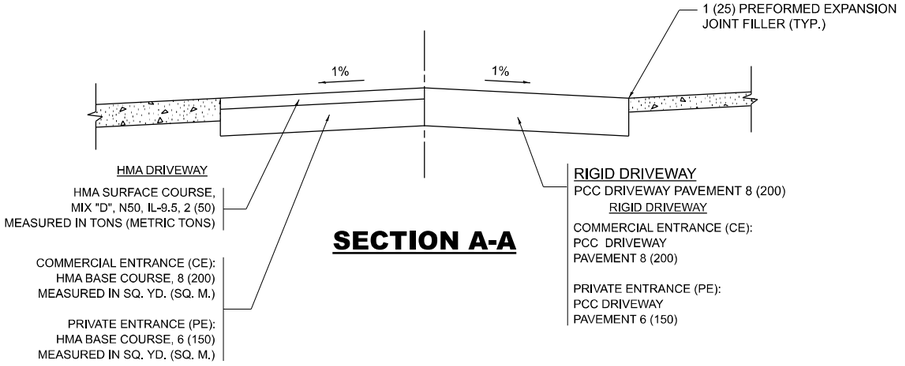
PLAN

6' (1.8 m) TO < 10' (3.0 m)

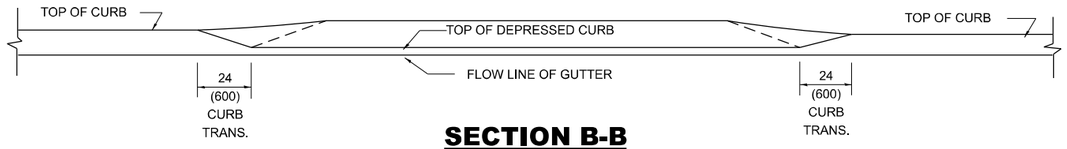


PLAN

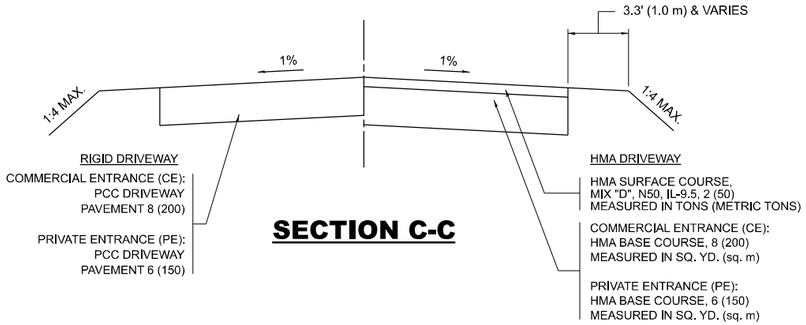
6' (1.8 m) TO 10' (3.0 m)



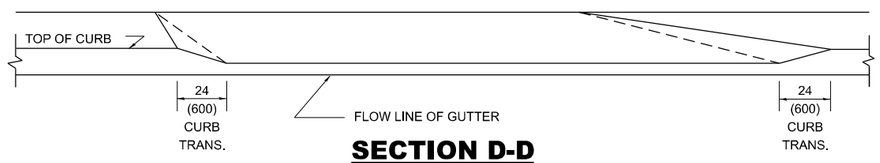
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

GENERAL NOTES

1. DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.
2. WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE PCC SIDEWALK SHALL EXTEND TO THE BACK OF CURB.
3. "W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

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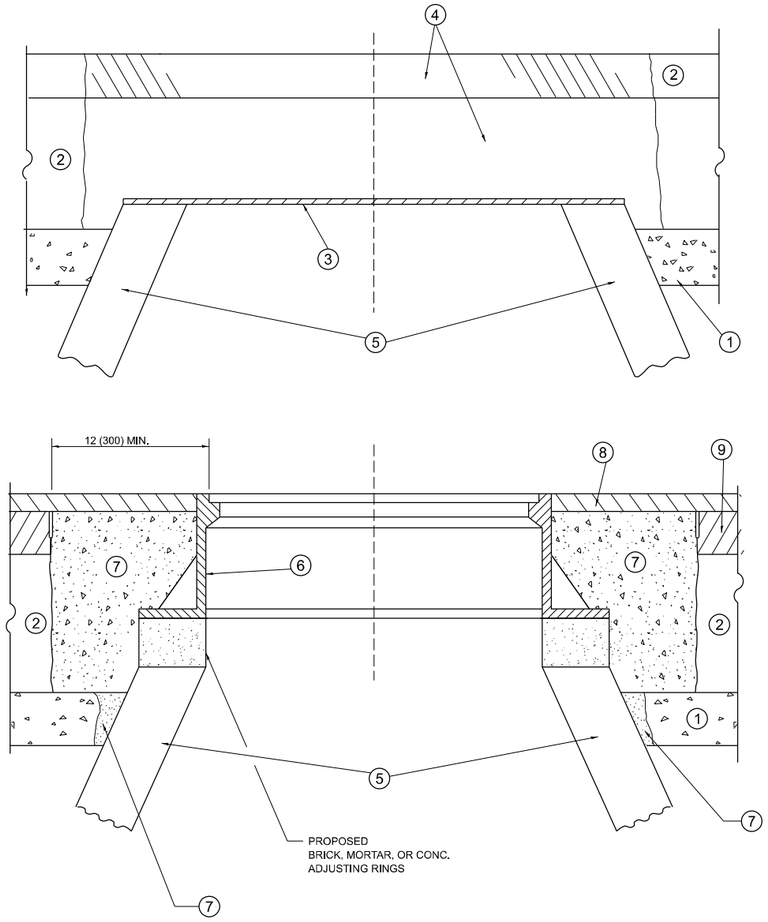
USER NAME = farhan.tariq	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07	
	DRAWN -	REVISED - R. BORO 09-06-11	
	CHECKED -	REVISED - K. SMITH 08-27-19	
PLOT DATE = 2/3/2026	DATE - 11-06-95	REVISED - K. SMITH 11-18-22	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5m)

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	102
BD400-01 (BD-02)		CONTRACT NO. 62P51		
ILLINOIS	FED. AID PROJECT			



DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

NOTES

1. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
2. IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.
3. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
4. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
5. THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.

B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.

C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.

D) BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 3 (80) HMA TO REMAIN AFTER MILLING).

STAGE 2 (AFTER PAVEMENT MILLING)

A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.

B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.

C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-2* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

*UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

1. SUB-BASE GRANULAR MATERIAL
2. EXISTING PAVEMENT
3. 36 (900) DIAMETER METAL PLATE
4. PROPOSED CRUSHED STONE AND HMA SURFACE MIX
5. EXISTING STRUCTURE
6. FRAME AND LID (SEE NOTES)
7. CLASS PP-2* CONCRETE
8. PROPOSED HMA SURFACE COURSE
9. PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT

1. REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."
2. THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
3. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
4. WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

MODEL: bd8 [Sheet]
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USER NAME = farhan.tariq	DESIGNED - R. SHAH	REVISED - R. BORO 03-09-11	
	DRAWN -	REVISED - R. BORO 12-06-11	
	CHECKED -	REVISED - K. SMITH 11-18-22	
PLOT DATE = 2/3/2026	DATE - 10-25-94	REVISED - K. SMITH 09-15-23	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

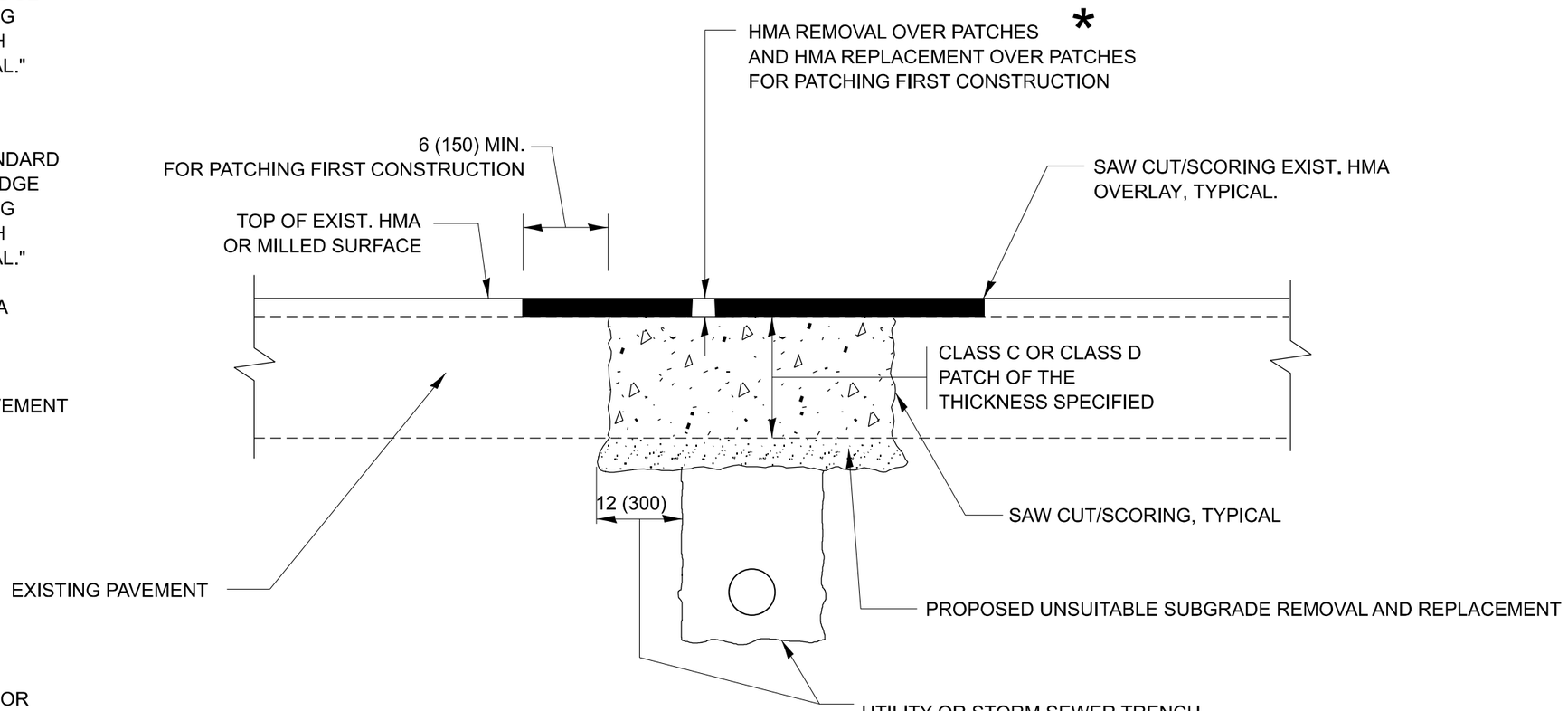
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	103
	BD600-03 (BD-08)	CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			

METHOD OF MEASUREMENT

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

BASIS OF PAYMENT

1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4 ½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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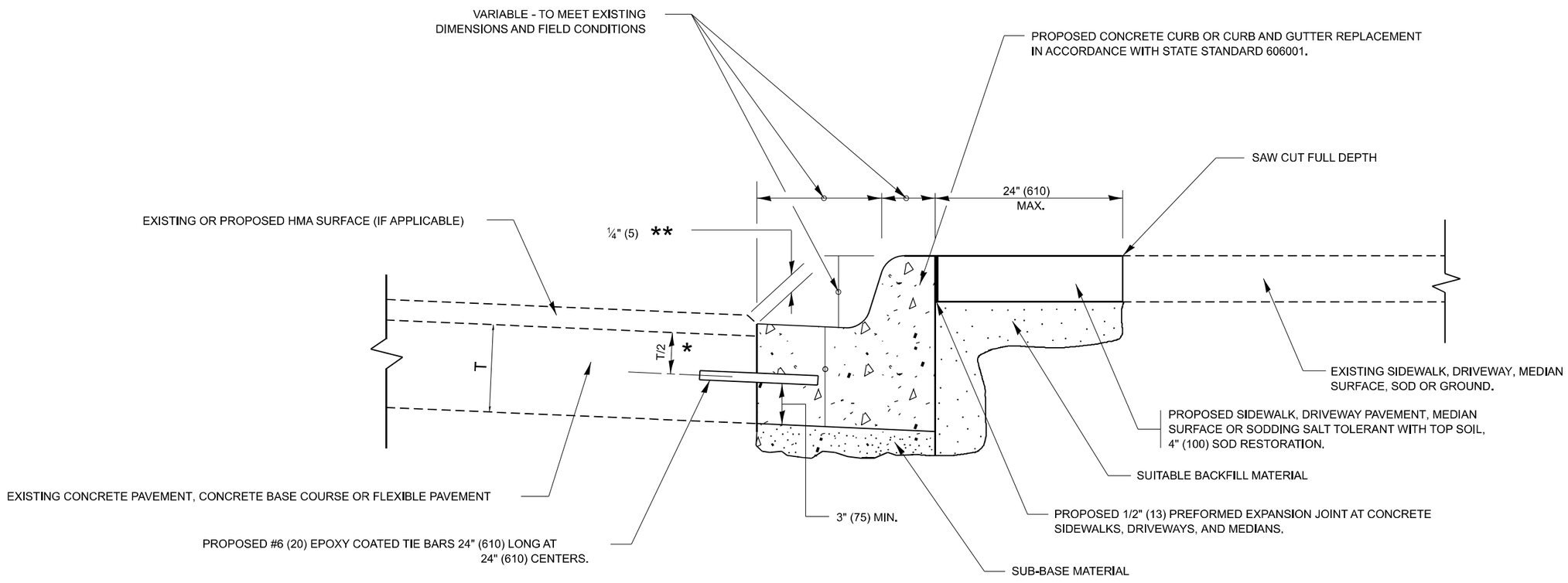
USER NAME = farhan.tariq	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07	
	DRAWN -	REVISED - R. BORO 09-04-07	
	CHECKED -	REVISED - K. ENG 10-27-08	
PLOT DATE = 2/3/2026	DATE - 10-25-94	REVISED - K. SMITH 11-18-22	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	104
	BD400-04 (BD-22)	CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			



* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

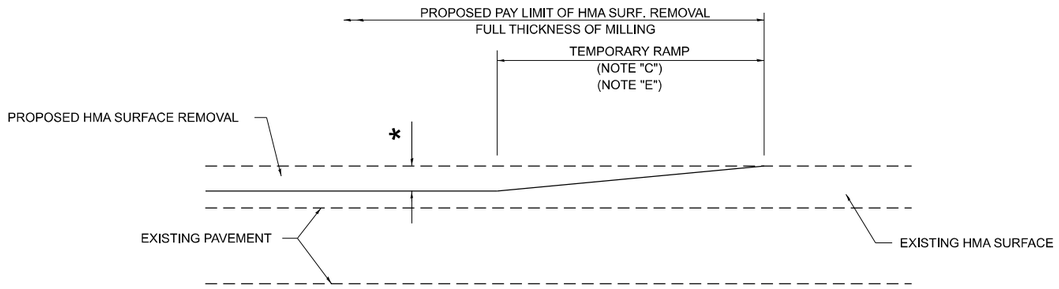
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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USER NAME = farhan.tarig	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED - M. GOMEZ 01-22-01	
	CHECKED -	REVISED - R. BORO 12-15-09	
PLOT DATE = 2/3/2026	DATE - 03-11-94	REVISED - K. SMITH 07-11-19	

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT				
SCALE: NONE	SHEET 1 OF 1 SHEETS	STA.	TO STA.	

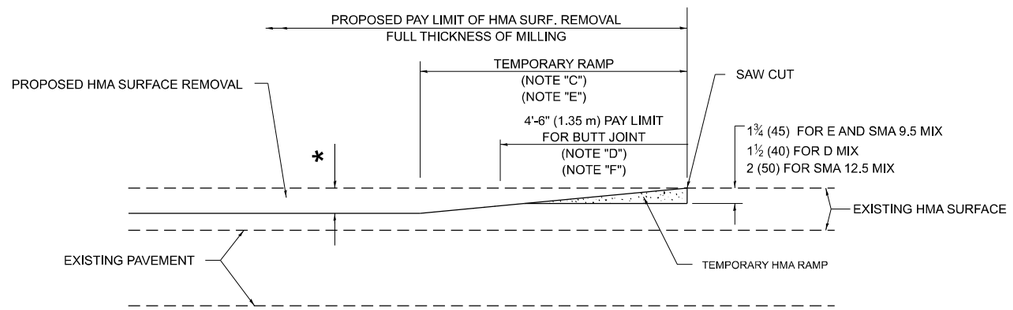
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	105
BD600-06 (BD-24)		CONTRACT NO. 62P51		
ILLINOIS	FED. AID PROJECT			



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

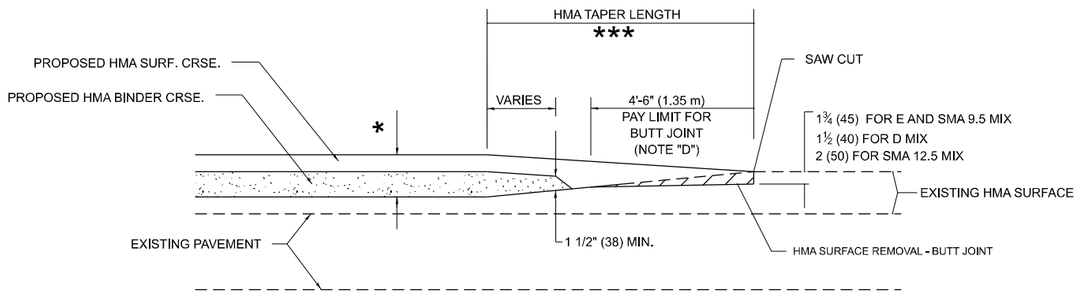


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

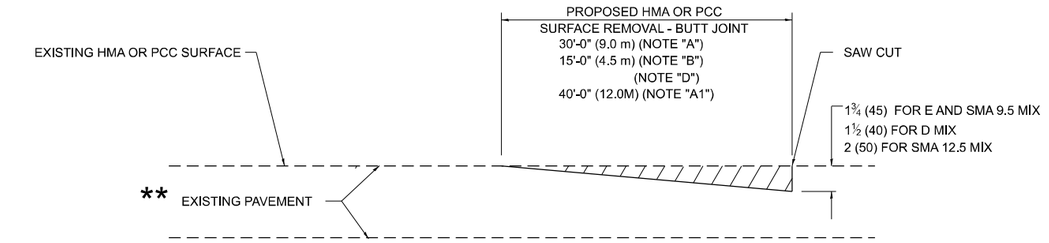
OPTION 2

TYPICAL TEMPORARY RAMP

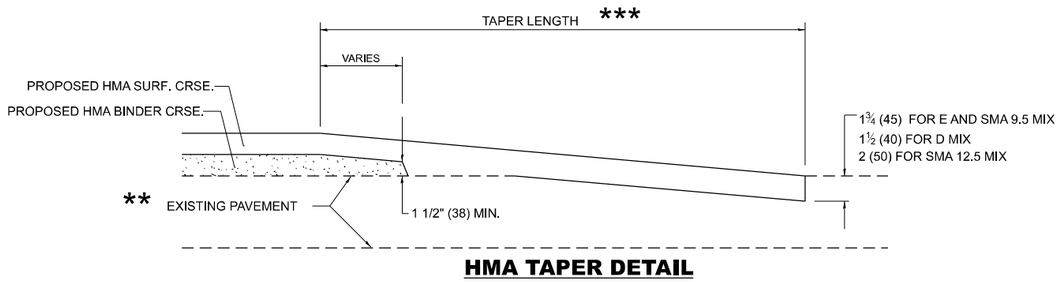


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

GENERAL NOTES

A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.

A1. INTERSTATES

B. MINOR SIDE ROADS.

C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.

D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.

E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.

* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

1. THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".

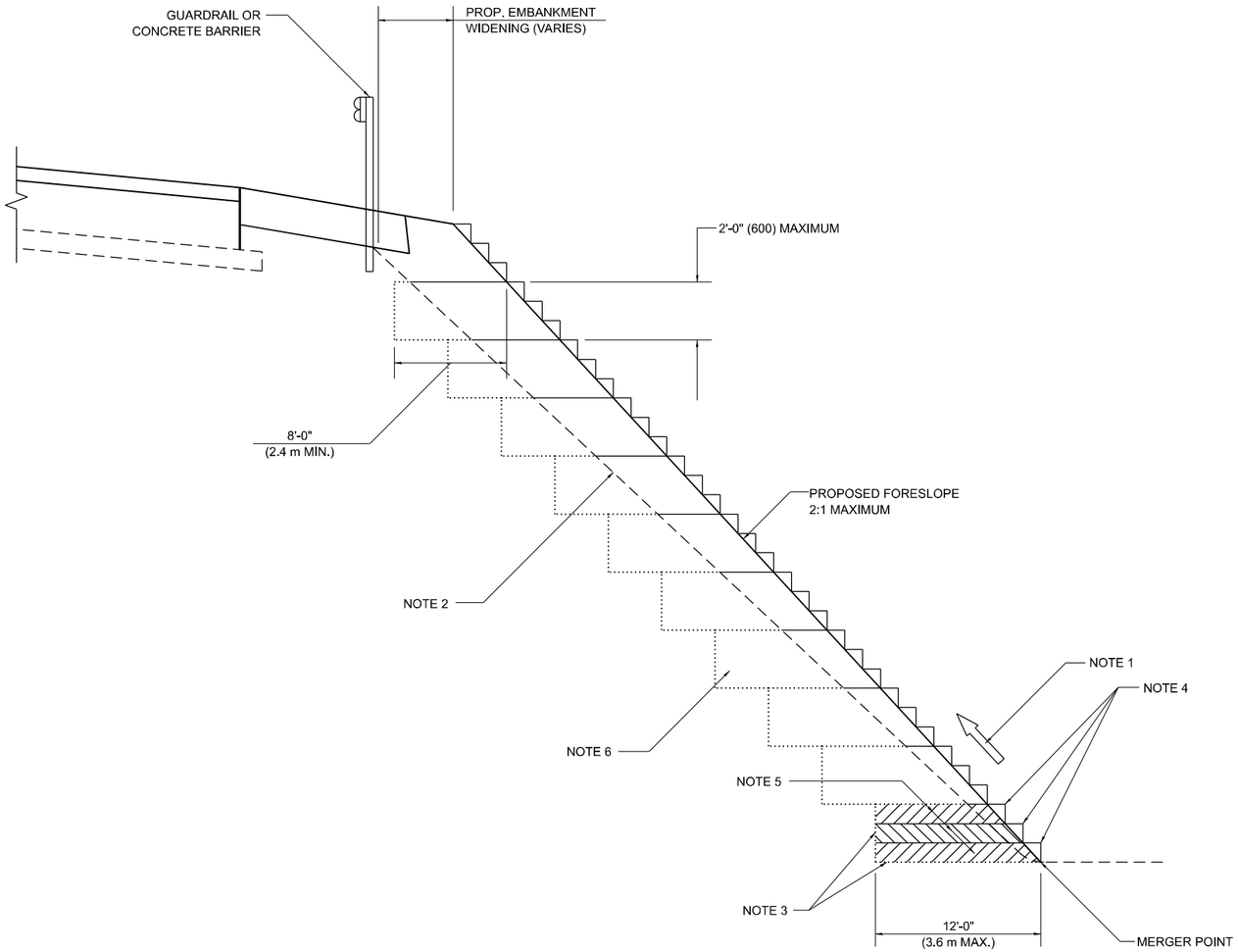
2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

USER NAME = farhan.tariq	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINT AND HMA TAPER DETAILS	
	DRAWN -	REVISED - M. GOMEZ 04-06-01			
	CHECKED -	REVISED - R. BORO 01-01-07			
PLOT DATE = 2/3/2026	DATE - 06-13-90	REVISED - K. SMITH 11-18-22		SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	106
	BD400-05 BD-32	CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			

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TYPICAL BENCHING DETAIL FOR EMBANKMENT

GENERAL NOTES

1. CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
2. EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
3. BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
4. TRIM TO FINAL SLOPE.
5. EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.

BASIS OF PAYMENT

1. EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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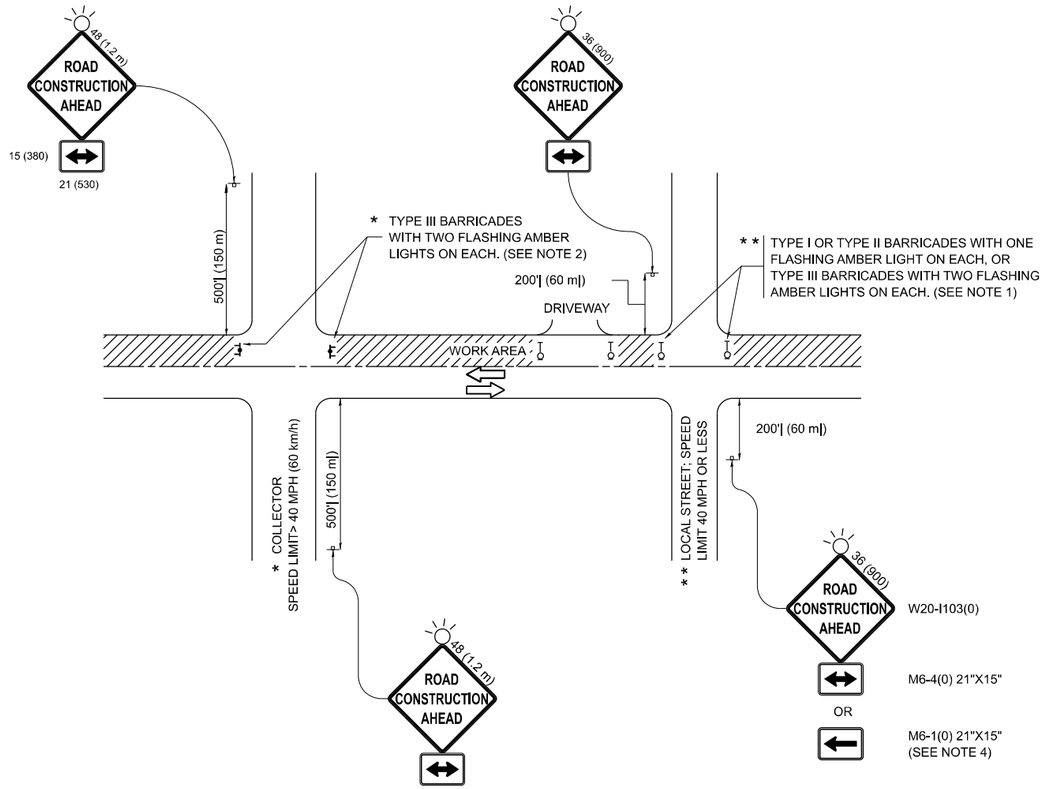
USER NAME = farhan.tarfq	DESIGNED -	REVISED - K. SMITH 11-18-22	
	DRAWN - CADD	REVISED -	
	CHECKED - S.E.B.	REVISED -	
PLOT DATE = 2/3/2026	DATE - 06-16-04	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BENCHING DETAIL FOR EMBANKMENT WIDENING

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	107
	BD-51	CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
   a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
   a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

USER NAME = farhan.tariq	DESIGNED - L.H.A.	REVISED - T. RAMMACHER 01-06-00	
	DRAWN -	REVISED - A. SCHUETZE 07-01-13	
	CHECKED -	REVISED - A. SCHUETZE 09-15-06	
PLOT DATE = 2/3/2026	DATE - 06-89	REVISED - D. SENDERAK 05-03-25	

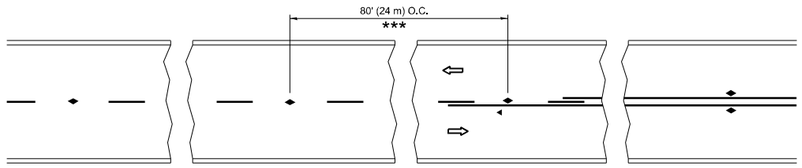
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	108
	TC-10	CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			

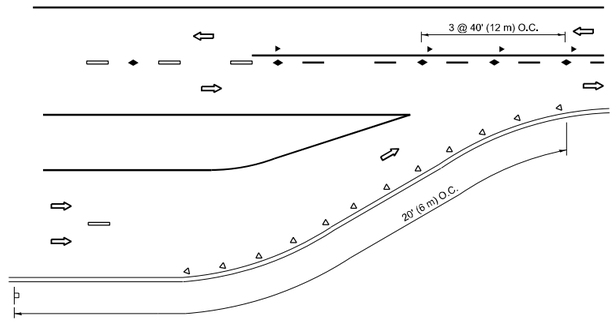
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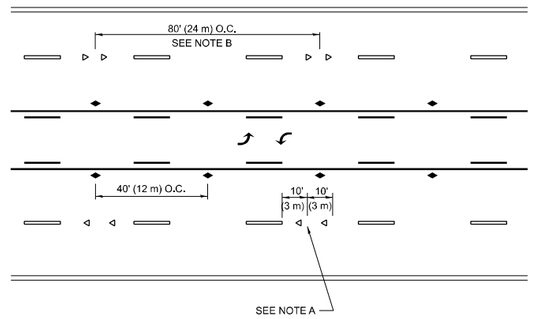
*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

TWO-LANE/TWO-WAY

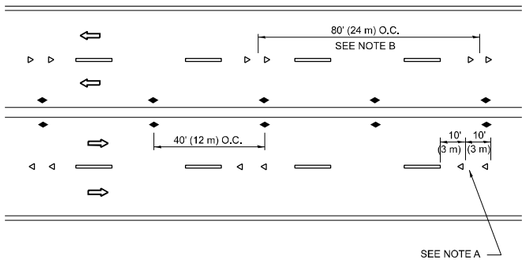
SEE FIGURE 3B-14 MUTCD



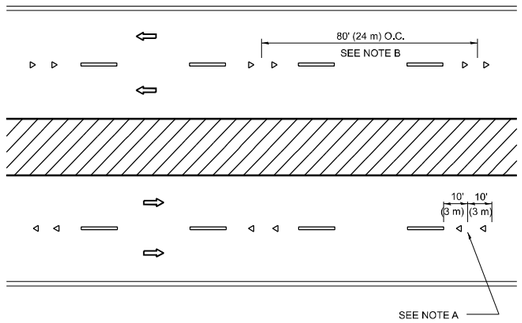
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

SYMBOLS

- YELLOW STRIPE
- WHITE STRIPE
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER (W/O)
- TWO-WAY AMBER MARKER

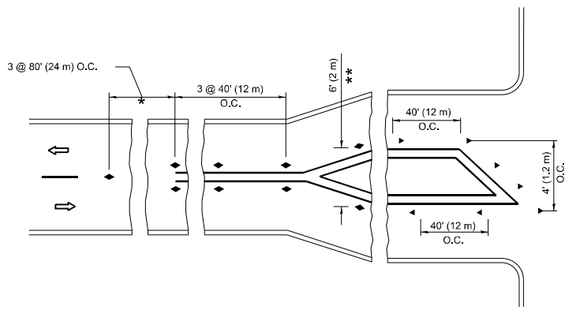
LANE MARKER NOTES

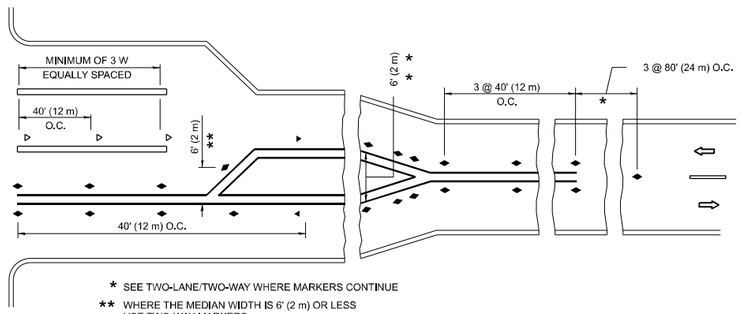
A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.





* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE

** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

TURN LANES

All dimensions are in inches (millimeters) unless otherwise shown.

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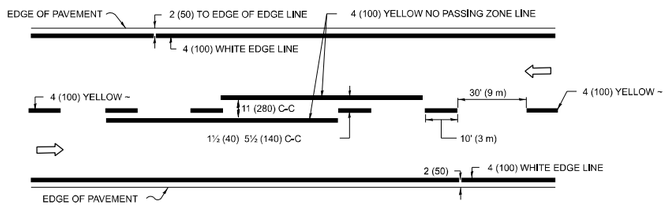
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	DRAWN -	REVISED - T. RAMMACHER 01-06-00
	CHECKED -	REVISED - C. JUCIUS 09-09-09
PLOT DATE = 2/3/2026	DATE -	REVISED - C. JUCIUS 07-01-13

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

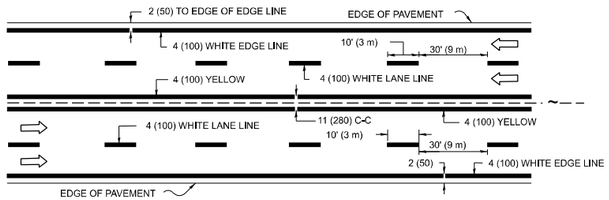
TYPICAL APPLICATIONS
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

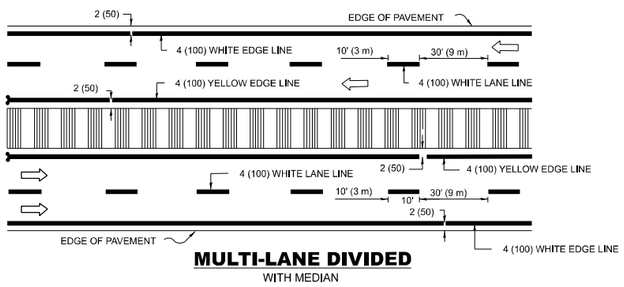
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	109
	TC-11	CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			



2-LANE ROADWAY

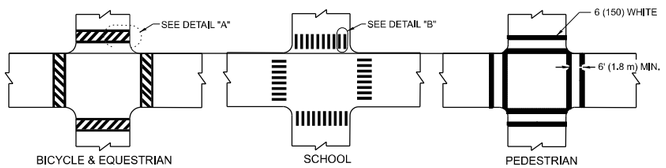


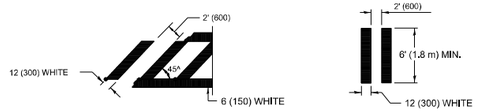
MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED
WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

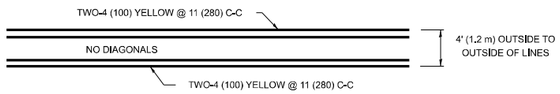




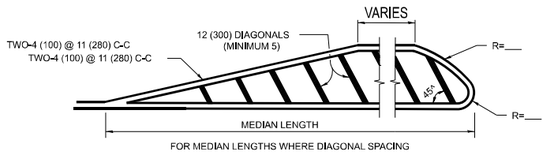
DETAIL "A" **DETAIL "B"**

TYPICAL CROSSWALK MARKING

* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



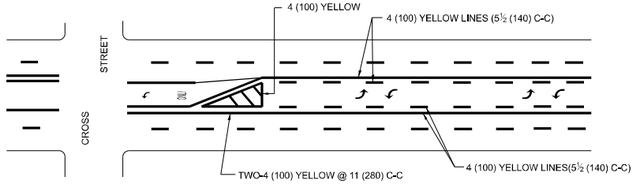
4' (1.2 m) WIDE MEDIANS ONLY



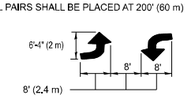
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

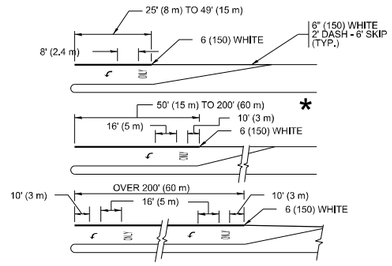


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

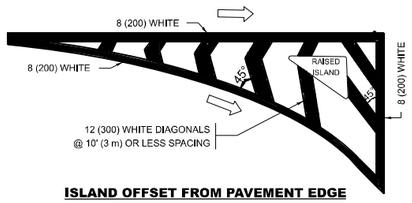


FULL SIZE LETTERS 8' (2,4 m) AND ARROWS SHALL BE USED.
AREA = 15,6 SQ. FT. (1,5 m²) ONLY AREA = 20,8 SQ. FT. (1,9 m²)

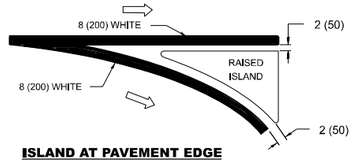
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

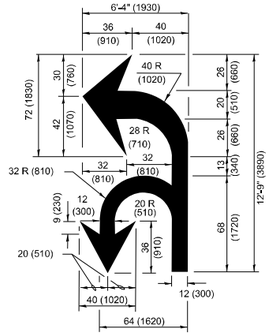


ISLAND OFFSET FROM PAVEMENT EDGE

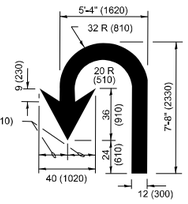


ISLAND AT PAVEMENT EDGE

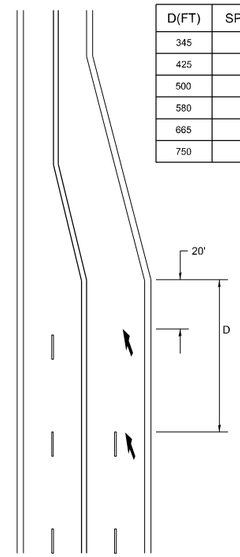
TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN



LANE REDUCTION TRANSITION

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2,4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2,4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH: 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES: "RR" IS 6' (1.8 m) LETTERS: 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3,6 SQ. FT. (0.33 m²) EACH "X"=54,0 SQ. FT. (5,0 m²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16,3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30,4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

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	DRAWN -	REVISED - C. JUCIUS 07-01-13	
	CHECKED -	REVISED - C. JUCIUS 12-21-15	
PLOT DATE = 2/3/2026	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	110
	TC-13	CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

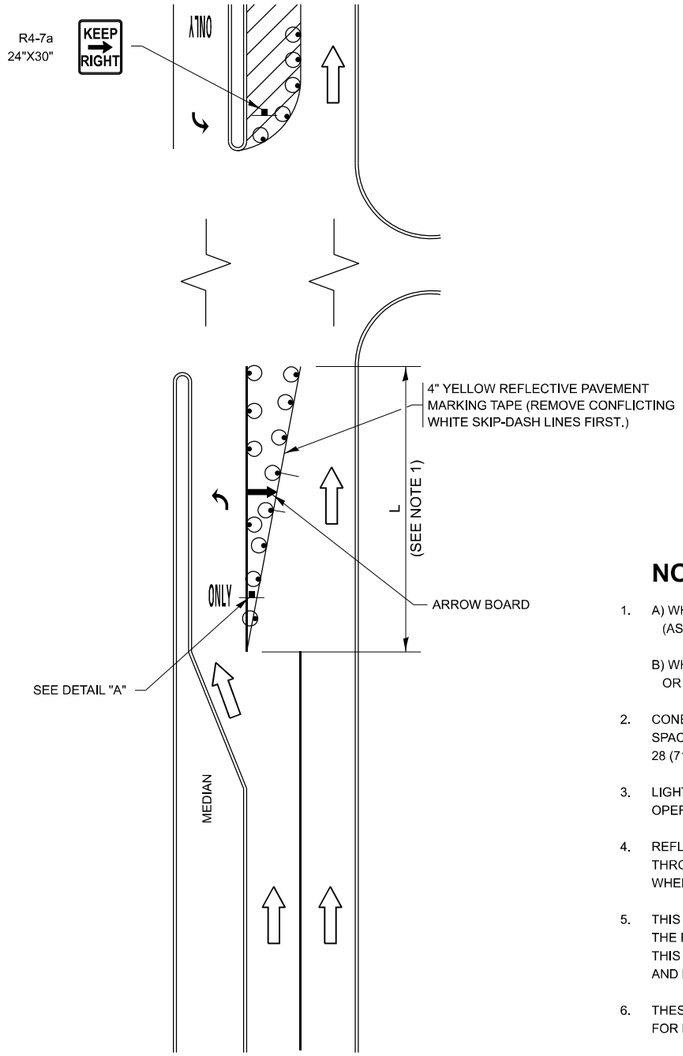


FIGURE 1

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- ARROW BOARD
- TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- SIGN ASSEMBLY
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

1. A) WHEN "L" IS ≤ THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.

   B) WHEN "L" IS > THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-I100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

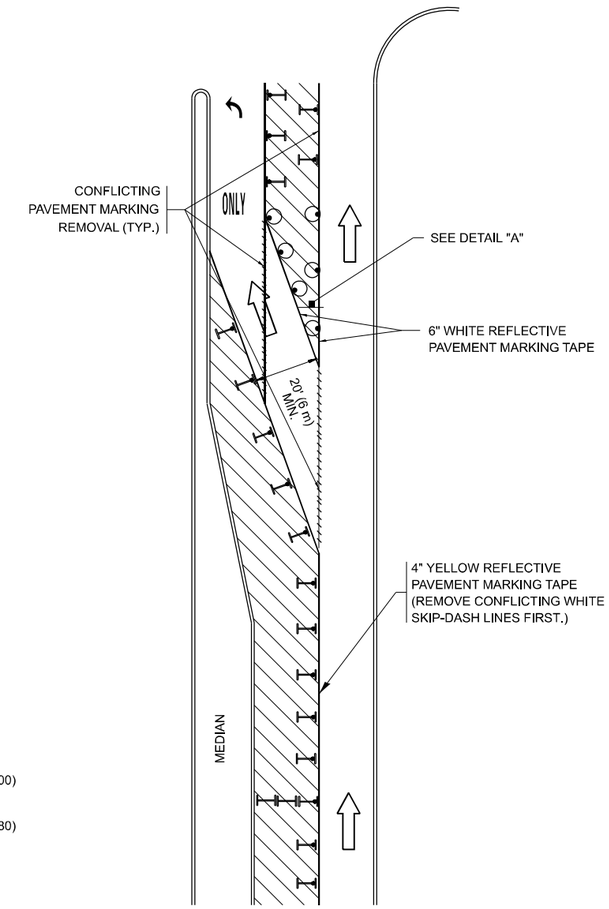
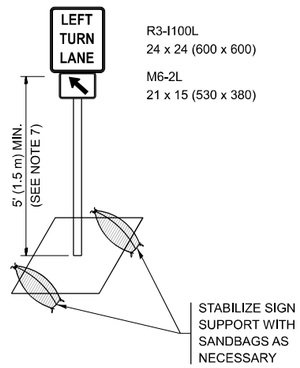


FIGURE 2



DETAIL A

All dimensions are in inches (millimeters) unless otherwise shown.

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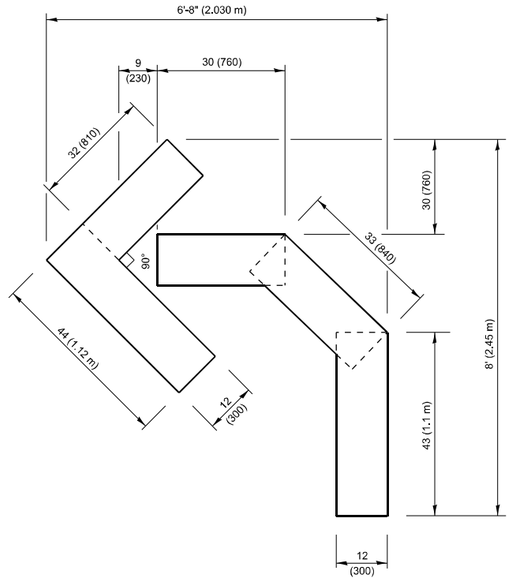
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	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13	
	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16	
PLOT DATE = 2/3/2026	DATE - T. RAMMACHER 01-06-00	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)

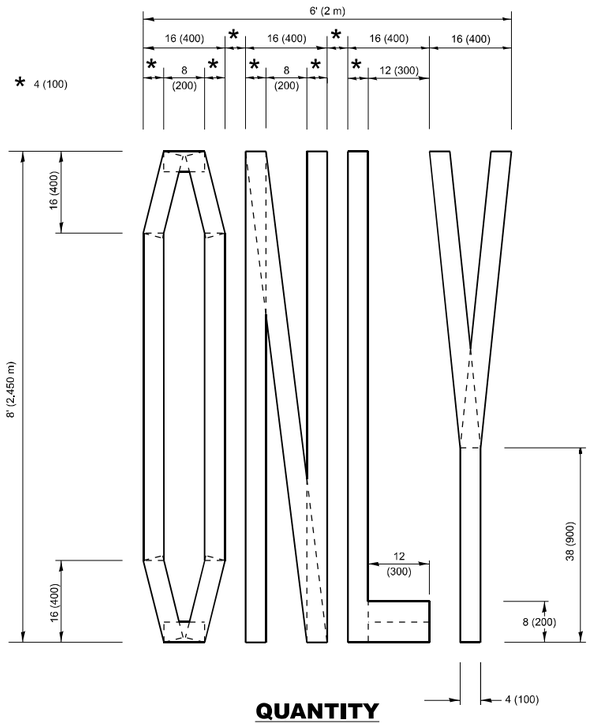
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	111
	TC-14	CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			



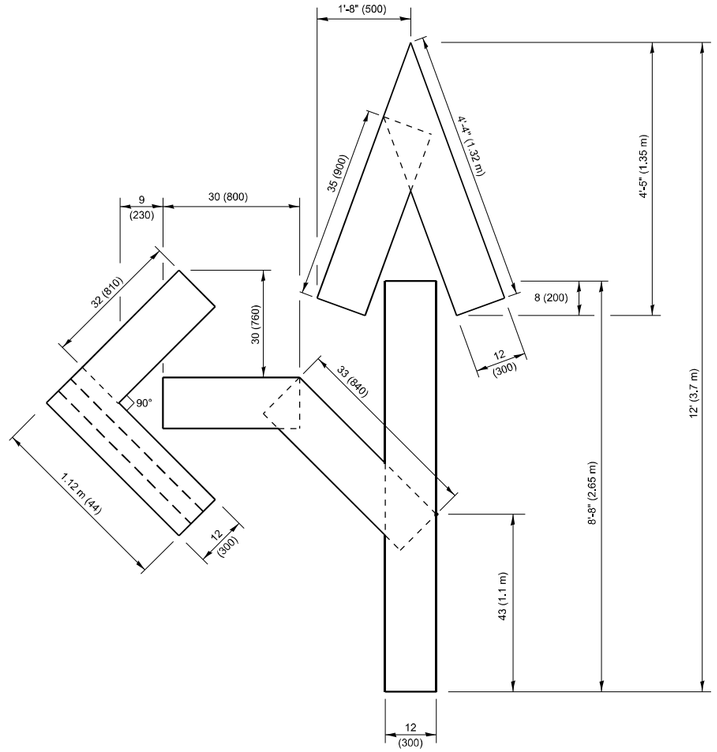
QUANTITY

4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.41 sq. m)



QUANTITY

4 (100) LINE = 64.1 ft. (19.5 m)
21.4 sq. ft. (1.99 sq. m)

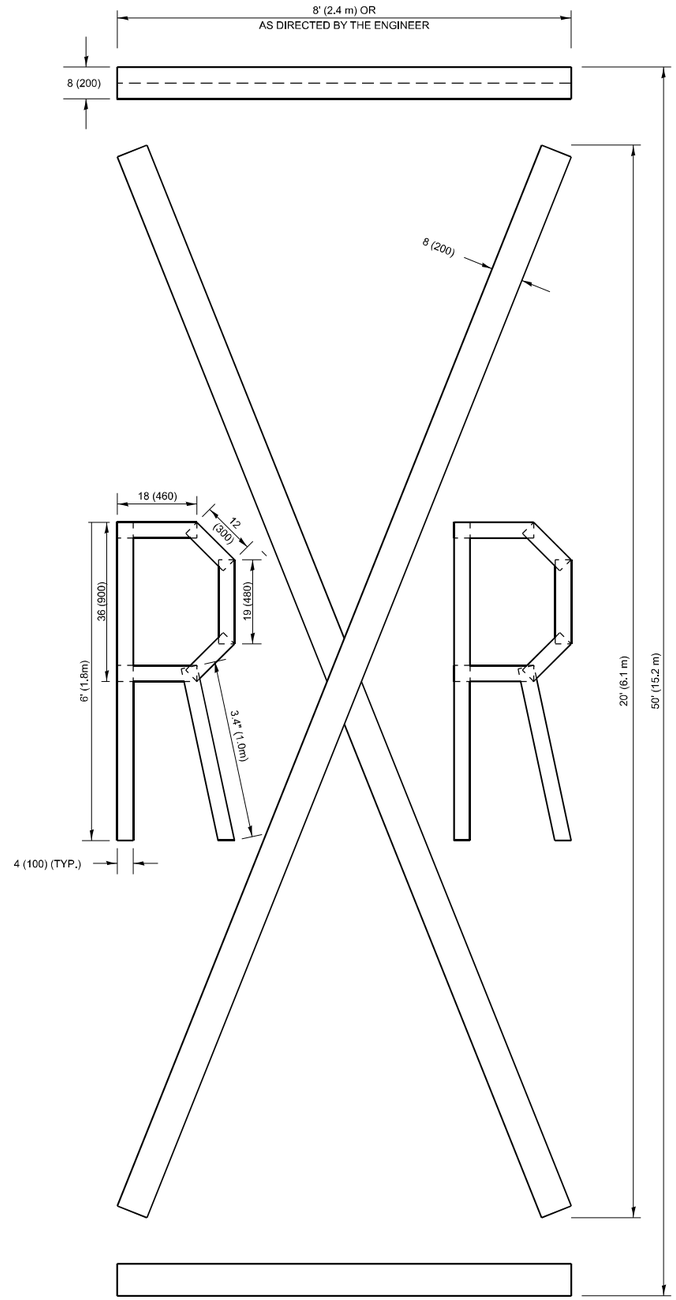


QUANTITY

4 (100) LINE = 82.5 ft. (25.1 m)
27.5 sq. ft. (2.53 sq. m)

NOTE:

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY

4 (100) LINE = 225.9 ft. (68.9 m)
75.3 sq. ft. (6.99 sq. m)

All dimensions are in inches (millimeters) unless otherwise shown.

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	DRAWN -	REVISED - E. GOMEZ 08-28-00	
	CHECKED -	REVISED - E. GOMEZ 08-28-00	
PLOT DATE = 2/3/2026	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	112
	TC-16	CONTRACT NO. 62P51		
		ILLINOIS FED. AID PROJECT		

ROUTE MARKERS

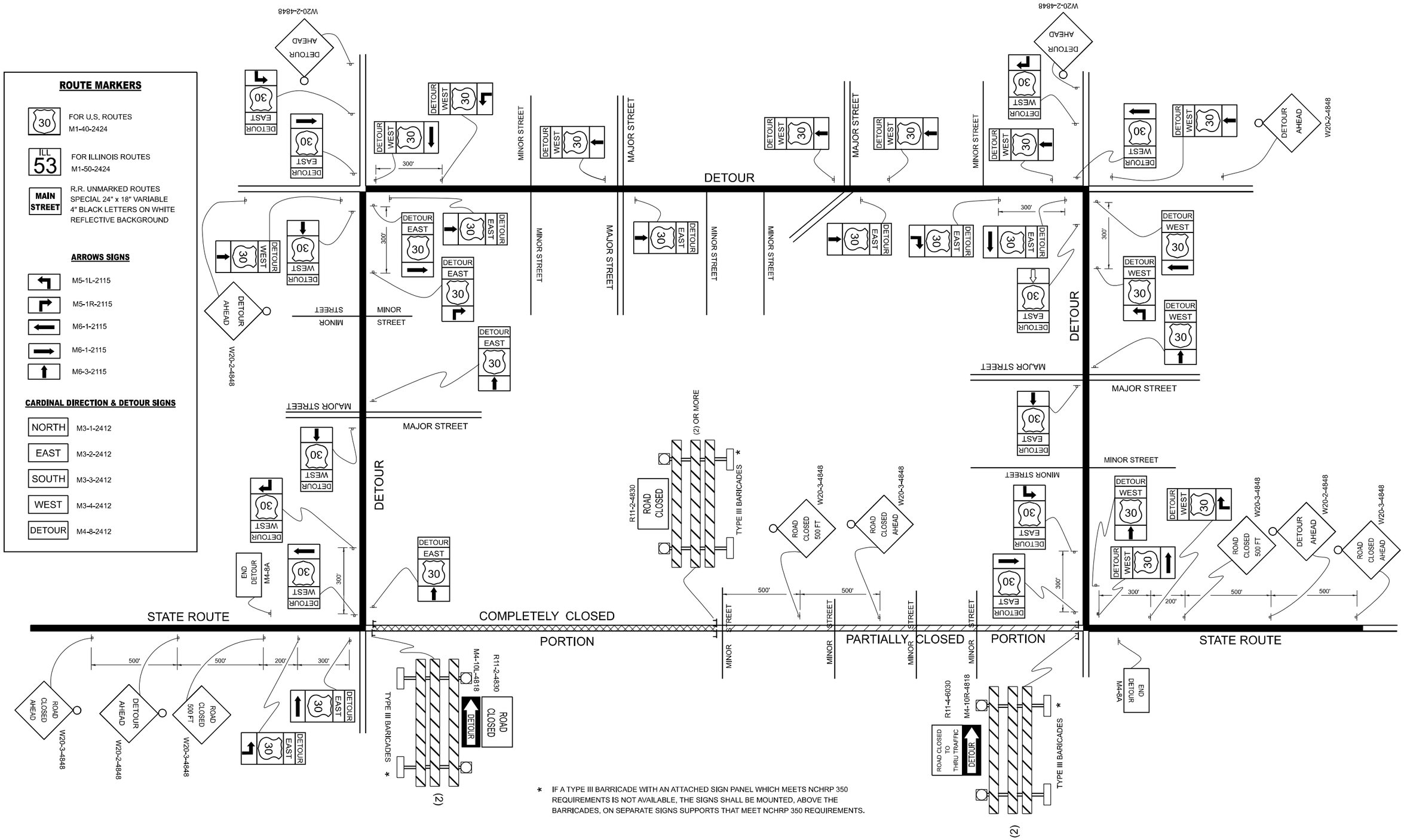
- 30 — FOR U.S. ROUTES M1-40-2424
- ILL 53 — FOR ILLINOIS ROUTES M1-50-2424
- MAIN STREET — R.R. UNMARKED ROUTES SPECIAL 24" x 18" VARIABLE 4" BLACK LETTERS ON WHITE REFLECTIVE BACKGROUND

ARROWS SIGNS

- M5-1L-2115
- M5-1R-2115
- M6-1-2115
- M6-1-2115
- M6-3-2115

CARDINAL DIRECTION & DETOUR SIGNS

- NORTH M3-1-2412
- EAST M3-2-2412
- SOUTH M3-3-2412
- WEST M3-4-2412
- DETOUR M4-8-2412



* IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.

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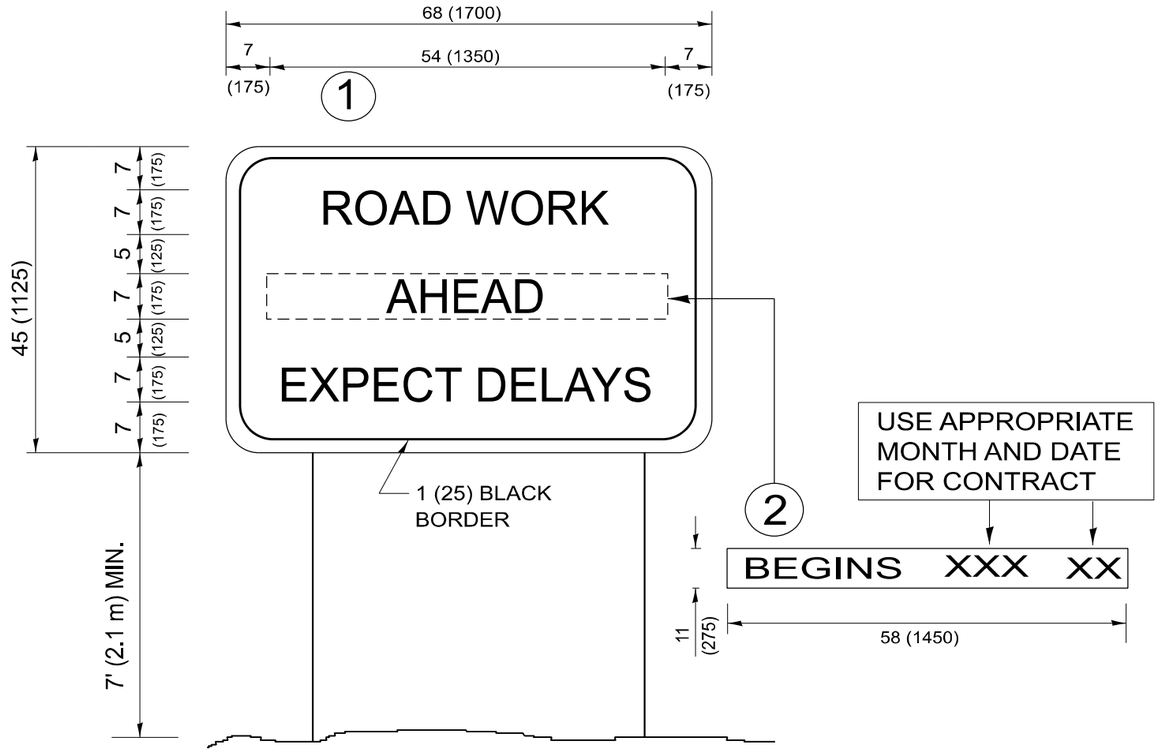
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	CHECKED -	REVISED -	
PLOT DATE = 2/3/2026	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR SIGNING FOR CLOSING STATE HIGHWAYS

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	113
	TC-21	CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN (1) WITH INSTALLED PANEL (2) ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL (2) SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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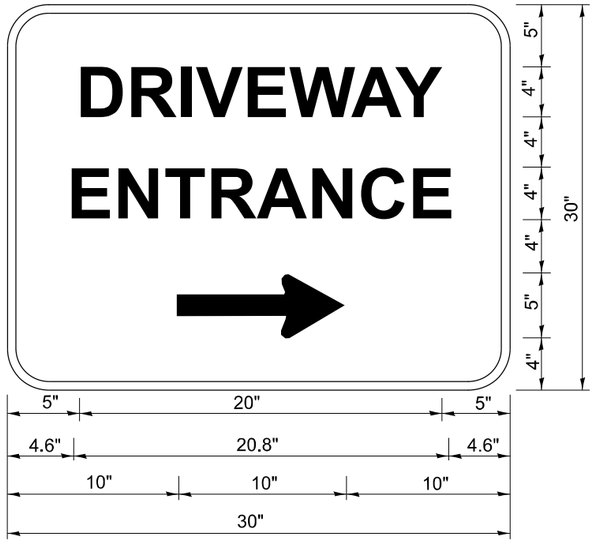
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	DRAWN -	REVISED -	R. MIRS 12-11-97
	CHECKED -	REVISED -	T. RAMMACHER 02-02-99
PLOT DATE = 2/3/2026	DATE -	REVISED -	C. JUCIUS 01-31-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD INFORMATION SIGN

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	114
	TC-22	CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
"DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

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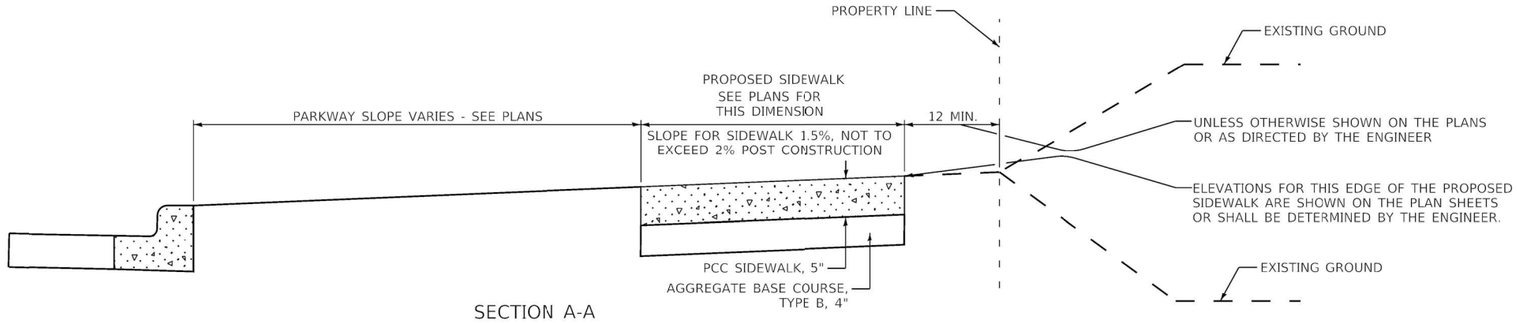
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PLOT DATE = 2/3/2026	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

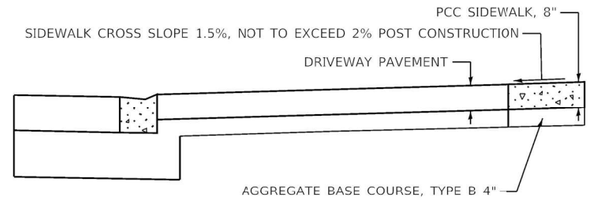
DRIVEWAY ENTRANCE SIGNING

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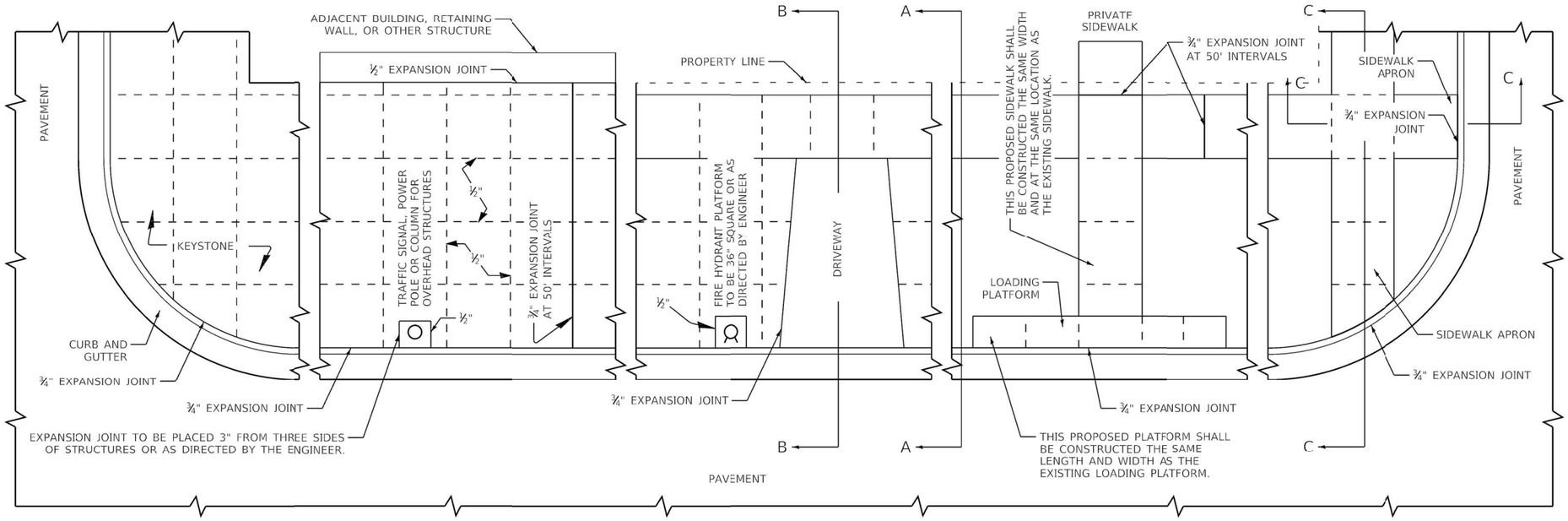
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	TC-26	CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			

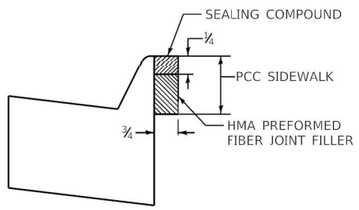


SECTION A-A

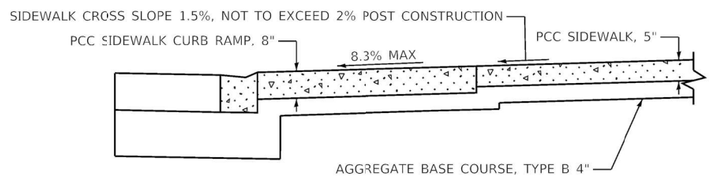


SECTION B-B





EXPANSION JOINT DETAIL



SECTION C-C

GENERAL NOTES:

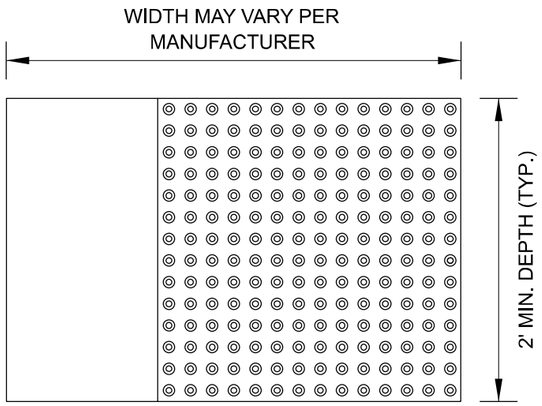
ALL EXPANSION JOINTS SHALL CONFORM TO THE REQUIREMENTS OF SECTION 424.07 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR PORTLAND CEMENT CONCRETE SIDEWALK OF THE THICKNESS SPECIFIED.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

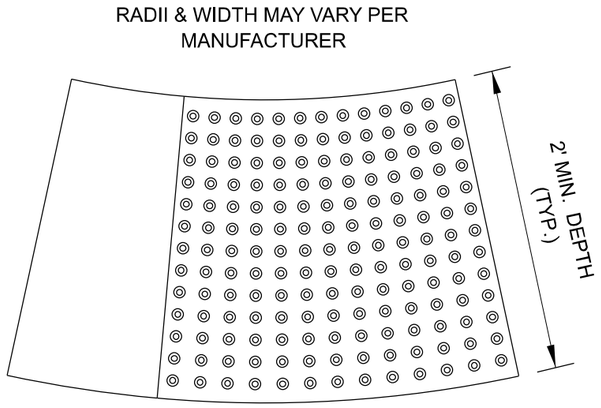
TOTAL SHEETS 141 SHEET NO. 116

MUNICIPALITY, IL MUNICIPALITY, IL NAME TOWNSHIP	COUNTY HIGHWAY: XXX FISCAL YEAR: XXXX SECTION: XX-XXXXX-XX-XX	COUNTY OF COOK DEPARTMENT OF TRANSPORTATION AND HIGHWAYS	COMPUTED: XXX DRAWN: XXX CHECKED: XXX	REVISIONS GENERAL NEW DRAWING SECTION C-C	DATE 1/1/20 11/10/22	PORTLAND CEMENT CONCRETE SIDEWALK CONSTRUCTION DETAIL COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS STANDARD C-003	C-XXX NOT TO SCALE

STRAIGHT DETECTABLE WARNING UNITS



RADIAL DETECTABLE WARNING UNITS

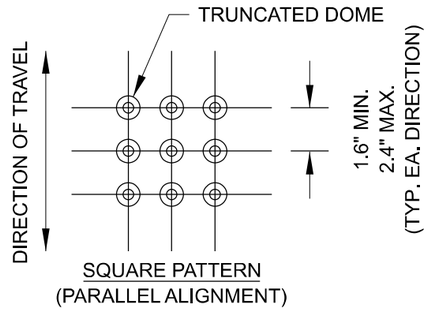


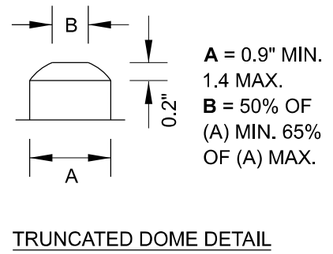
DETECTABLE WARNING UNIT SIZES

- VERIFY ALL DIMENSIONS WITH THE PRODUCT MANUFACTURER.

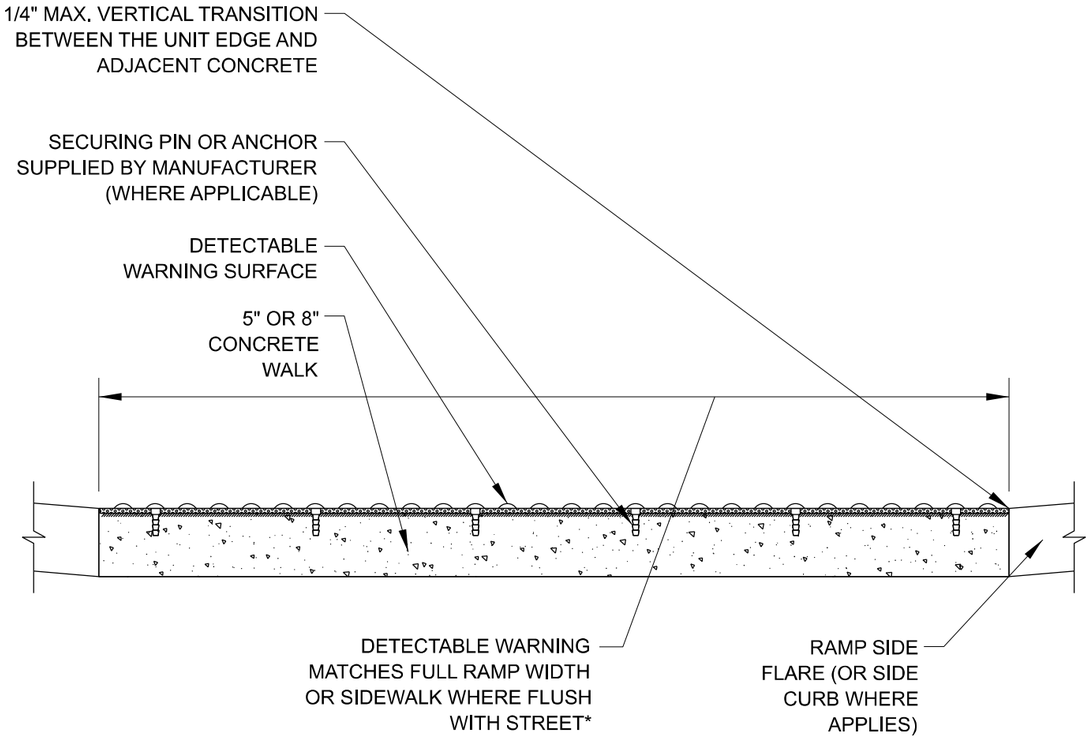
- IF USING RADIAL UNITS, VERIFY THAT THE CURB RADIUS MATCHES AVAILABLE UNIT RADII WITH THE PRODUCT MANUFACTURER.

GENERAL NOTE:
THE ROWS OF DOMES IN THE DETECTABLE WARNING MATERIAL MUST BE ALIGNED WITH THE PATH OF WHEELCHAIR TRAVEL WHICH IS REQUIRED TO BE PERPENDICULAR TO THE GRADE BREAK AT THE BOTTOM OF THE RAMP TO PERMIT TRACKING BETWEEN DOME ROWS. ON BLENDED TRANSITIONS OR FLUSH TRANSITIONS, WHERE RADIAL UNITS ARE SITUATED ABOUT THE CURB RADIUS, DOME ORIENTATION IS NOT SIGNIFICANT.





UNIT PATTERN & DOME DETAIL



*A BORDER OF 2 INCHES OR LESS AROUND THE DETECTABLE WARNING SURFACE IS ACCEPTABLE IF REQUIRED FOR PROPER INSTALLATION OF THE DETECTABLE WARNING SURFACE PRODUCT

DETECTABLE WARNING UNIT SECTION

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	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 8/20/2024	DATE - 06-20-2017	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COOK COUNTY JURISDICTION
DETECTABLE WARNINGS

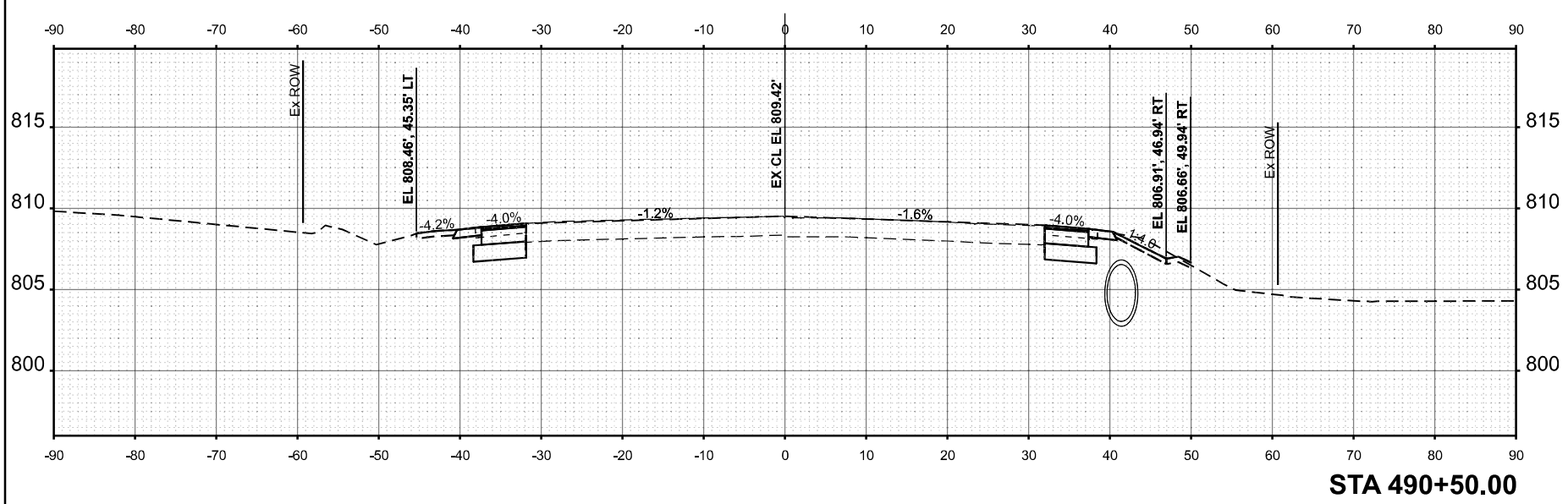
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	117
		CONTRACT NO. 62P51		
	ILLINOIS	FED. AID PROJECT		

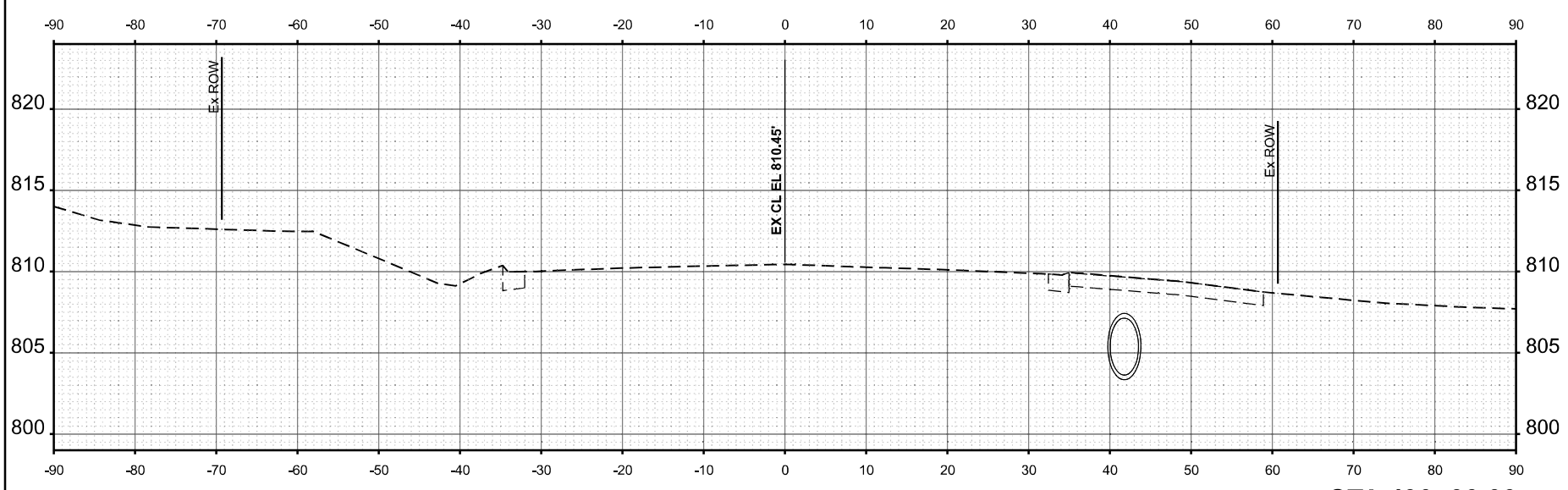
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NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
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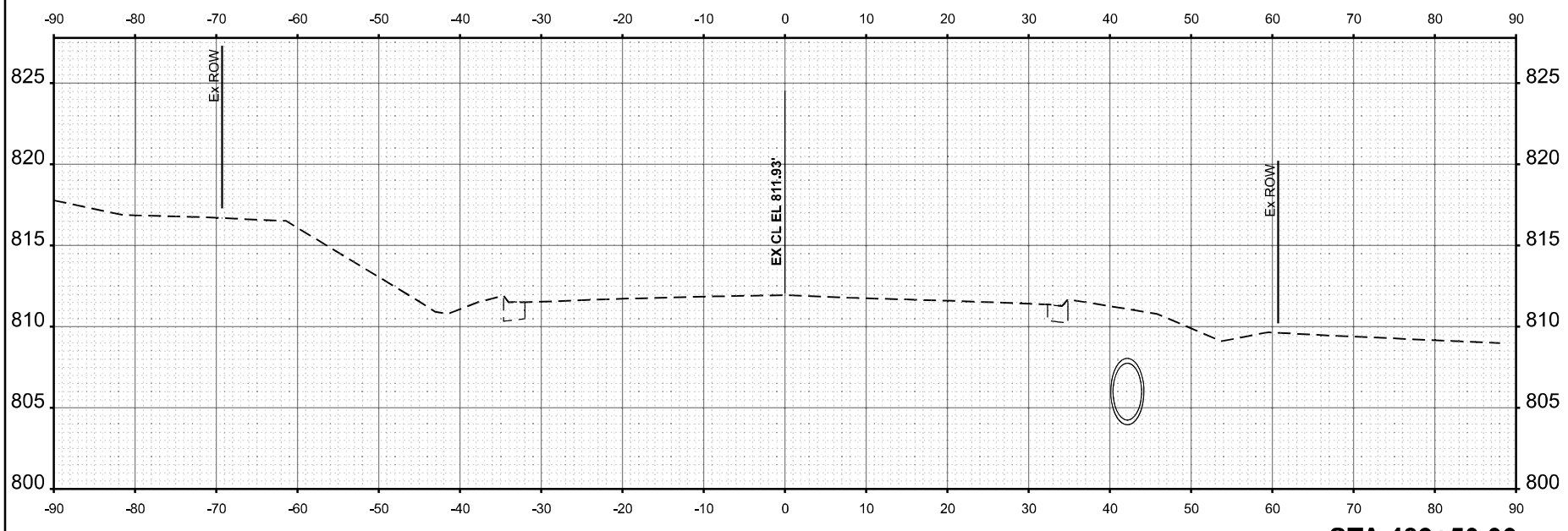
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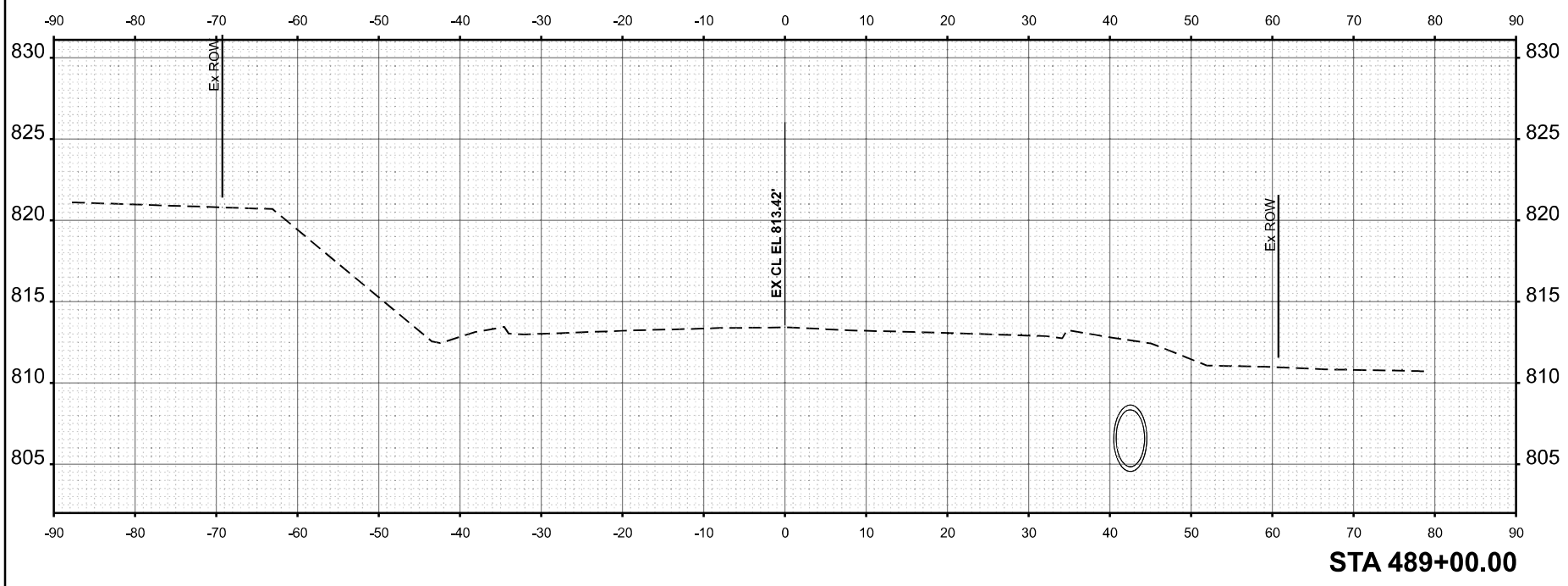
STA 490+50.00



STA 490+00.00



STA 489+50.00



STA 489+00.00

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PLOT DATE = 3/3/2026

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

FT, 3/3/2026

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED CROSS SECTIONS (US 20)
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: 1"=10'

SHEET 1 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	118
ILLINOIS	FED. AID PROJECT	CONTRACT NO. 62P51		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
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NO.	AREAS		
	AREAS CHECKED		

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DATE	-	REVISED	-

FT, 3/3/2026

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

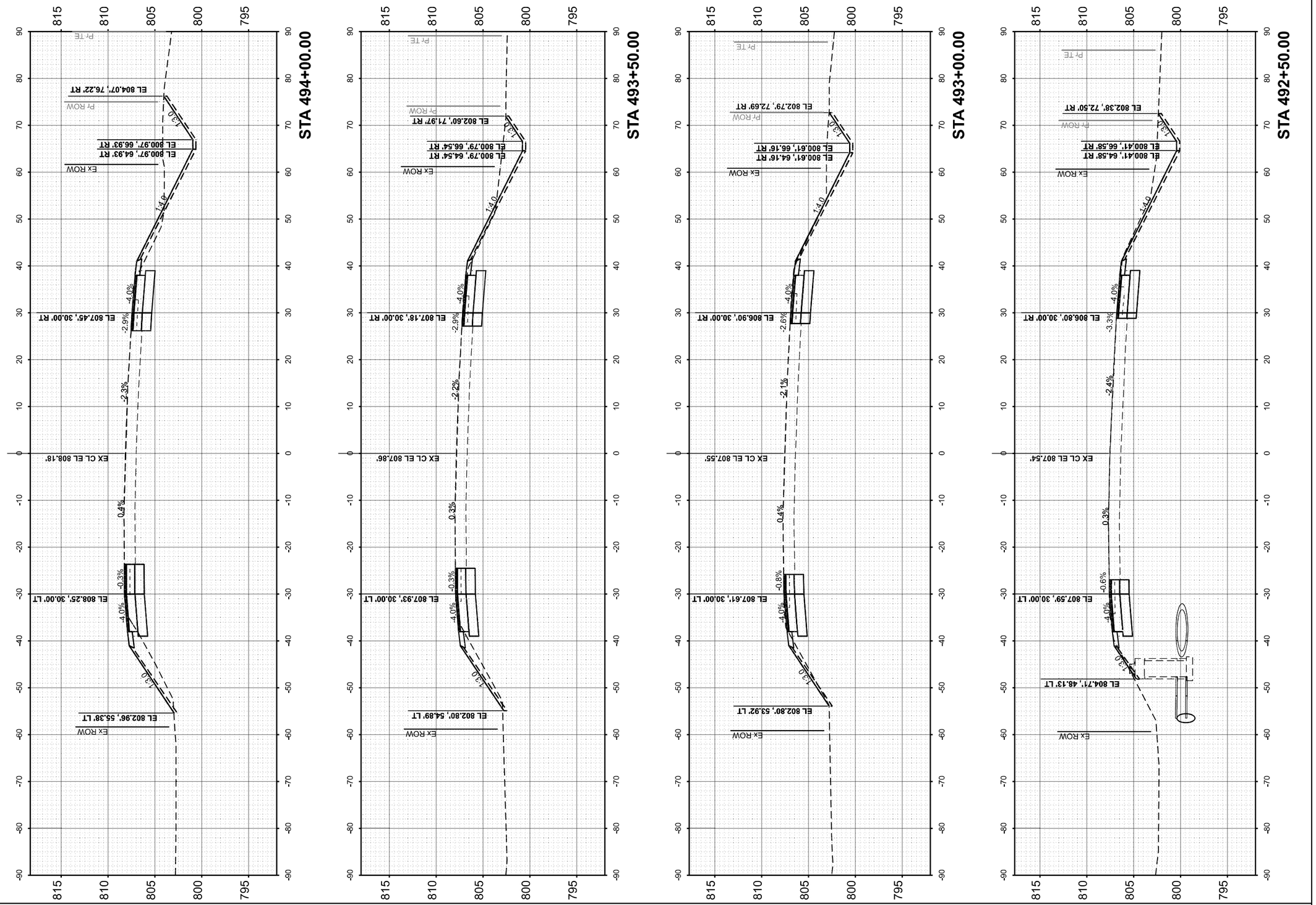
EXISTING AND PROPOSED CROSS SECTIONS (US 20)
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: 1"=10' | SHEET 2 | OF 15 SHEETS | STA. | TO STA.

ILLINOIS | FED. AID PROJECT

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	119

CONTRACT NO. 62P51



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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED CROSS SECTIONS (US 20)
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

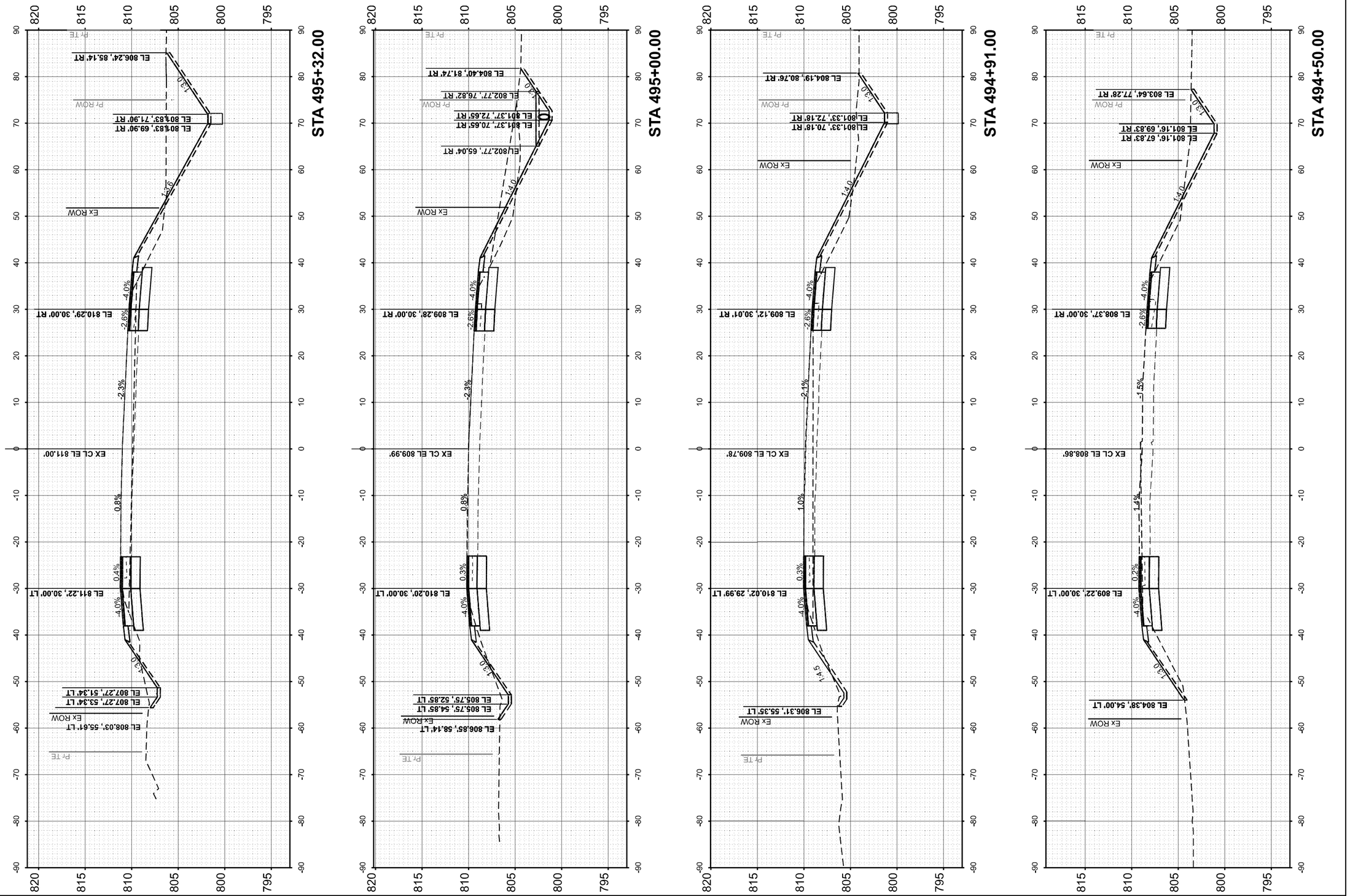
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	120
		CONTRACT NO. 62P51		
	ILLINOIS	FED. AID PROJECT		

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NOTE BOOK	PLOTTED		
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	AREAS CHECKED		

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NOTE BOOK	PLOTTED		
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	AREAS		
	AREAS CHECKED		

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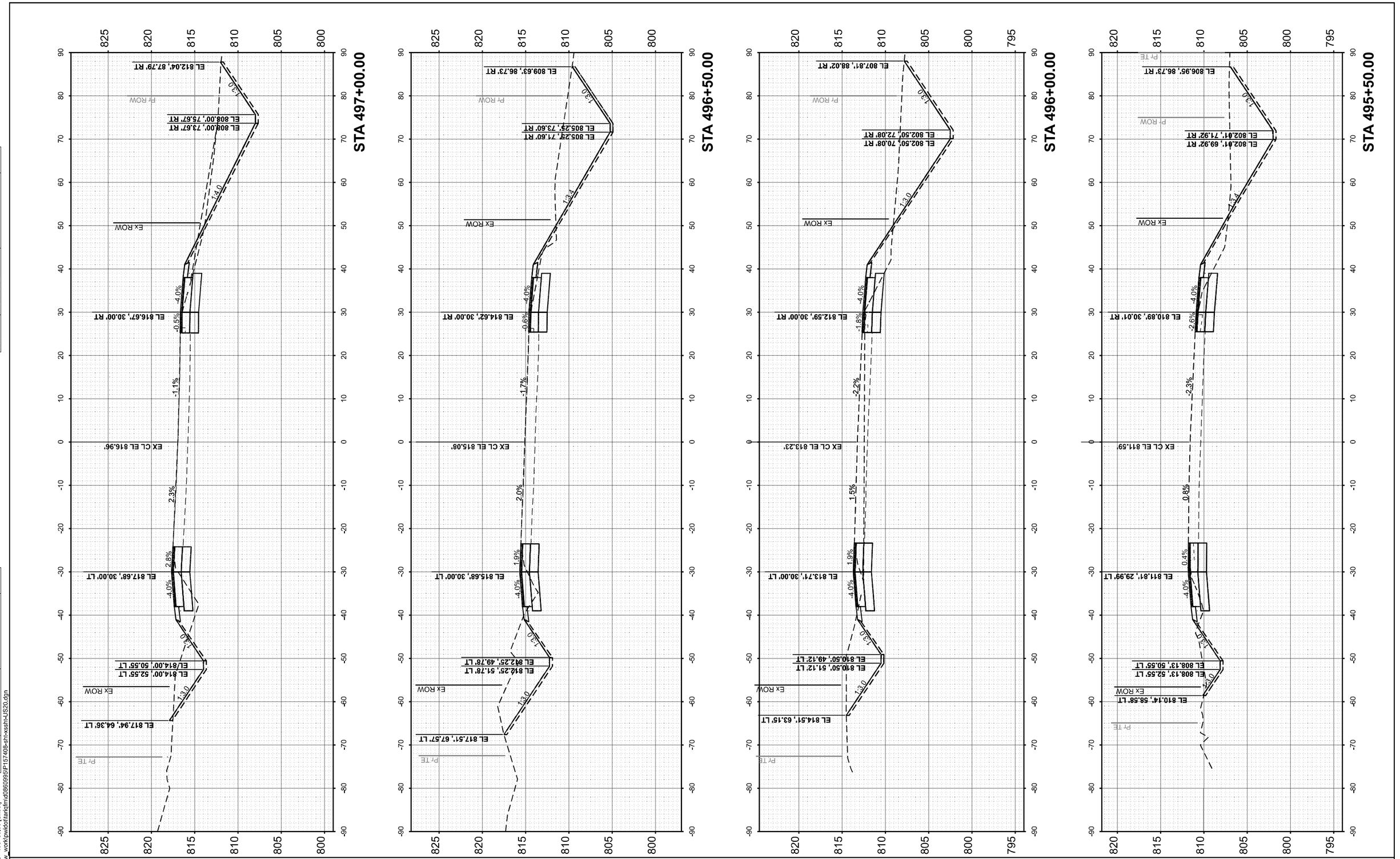
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PLOT DATE = 3/3/2026	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED CROSS SECTIONS (US 20)
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: 1"=10' | SHEET 4 OF 15 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	121
		CONTRACT NO. 62P51		
	ILLINOIS	FED. AID PROJECT		



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PLOT DATE = 3/3/2026	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED CROSS SECTIONS (US 20)
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: 1"=10' | SHEET 5 OF 15 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	122
		CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			

ORIGINAL SURVEY / FINAL SURVEY
NOTE BOOK NO.
SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED
BY
DATE

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PLOT DATE = 3/3/2026	DRAWN -	REVISED -	
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	DATE -	REVISED - FT, 3/3/2026	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED CROSS SECTIONS (US 20)
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: 1"=10' | SHEET 6 OF 15 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	202I-133-N	COOK	141	123

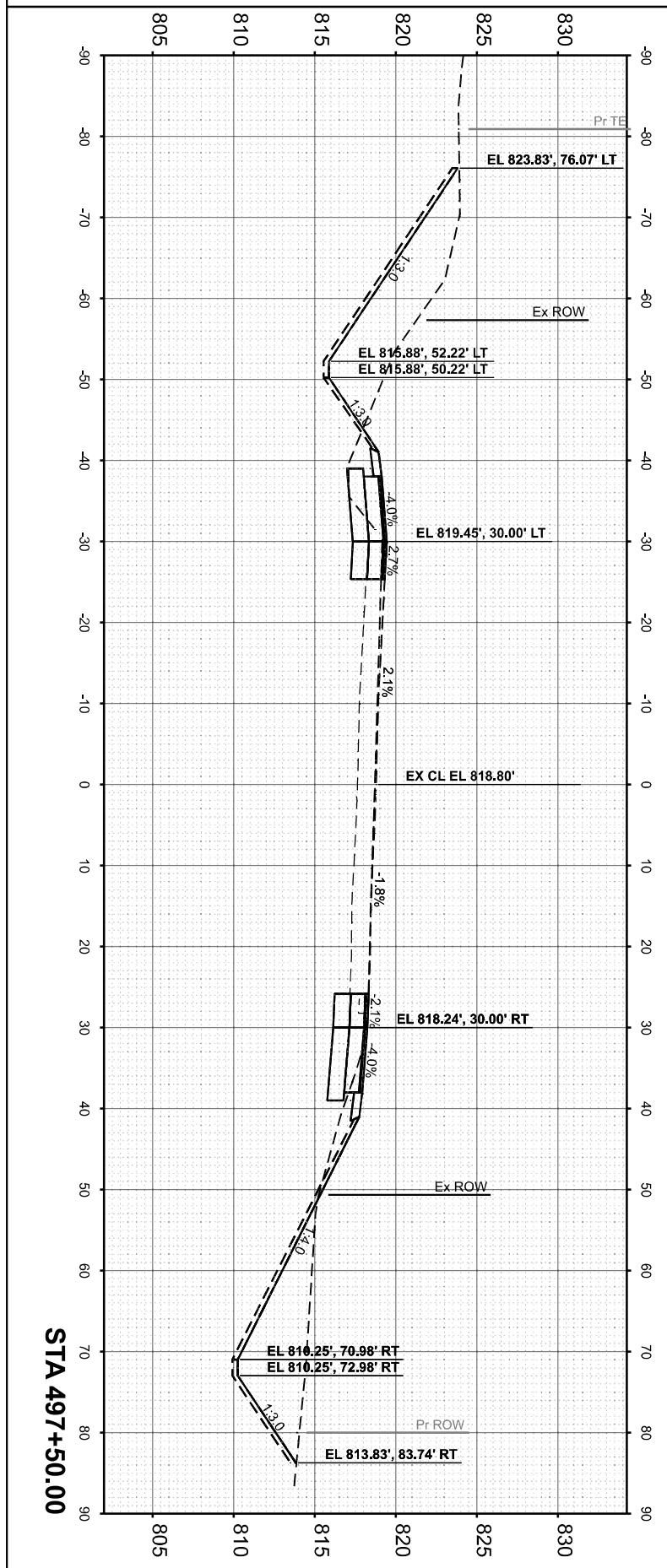
ILLINOIS | FED. AID PROJECT

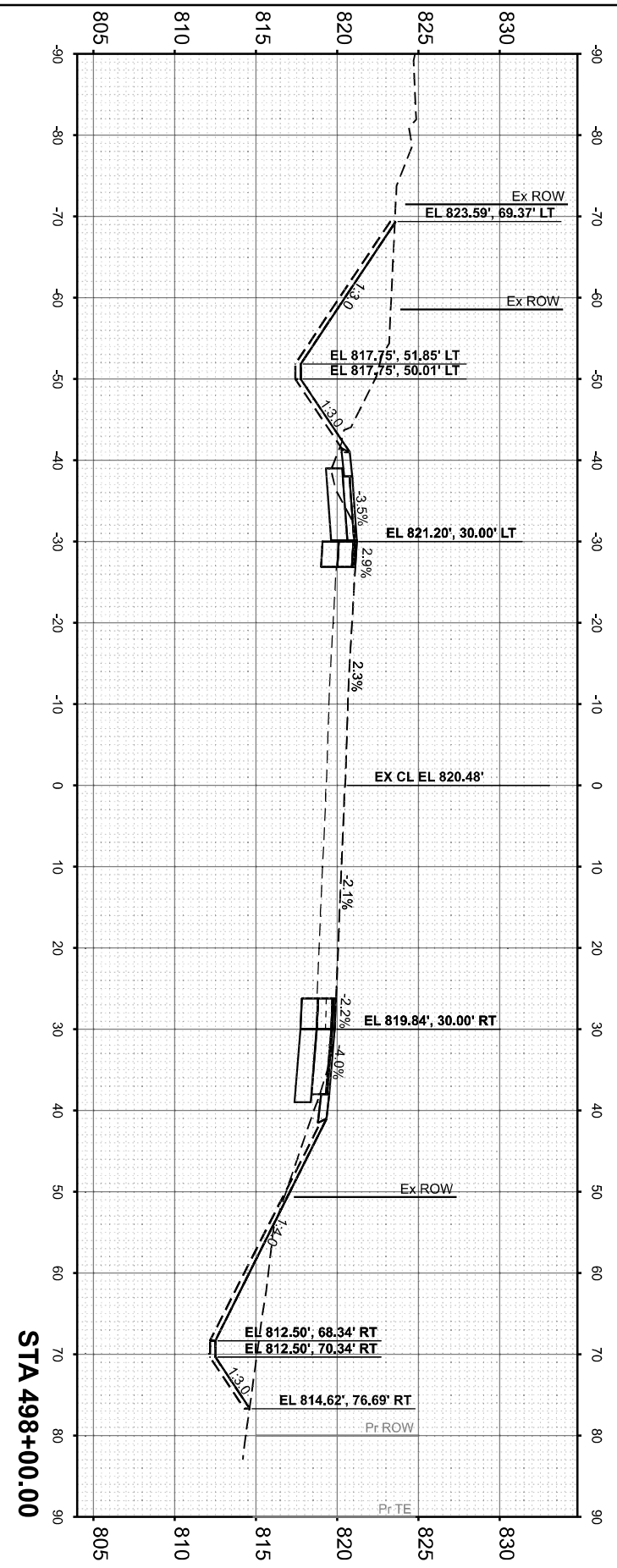
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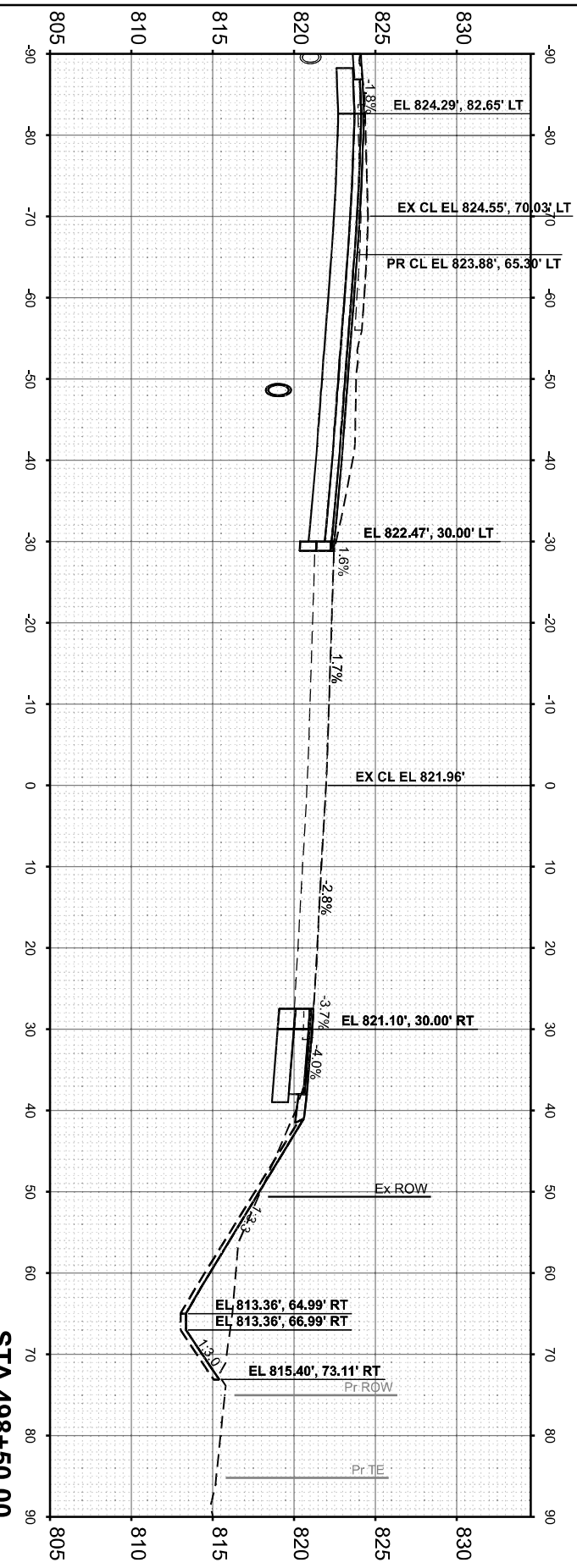
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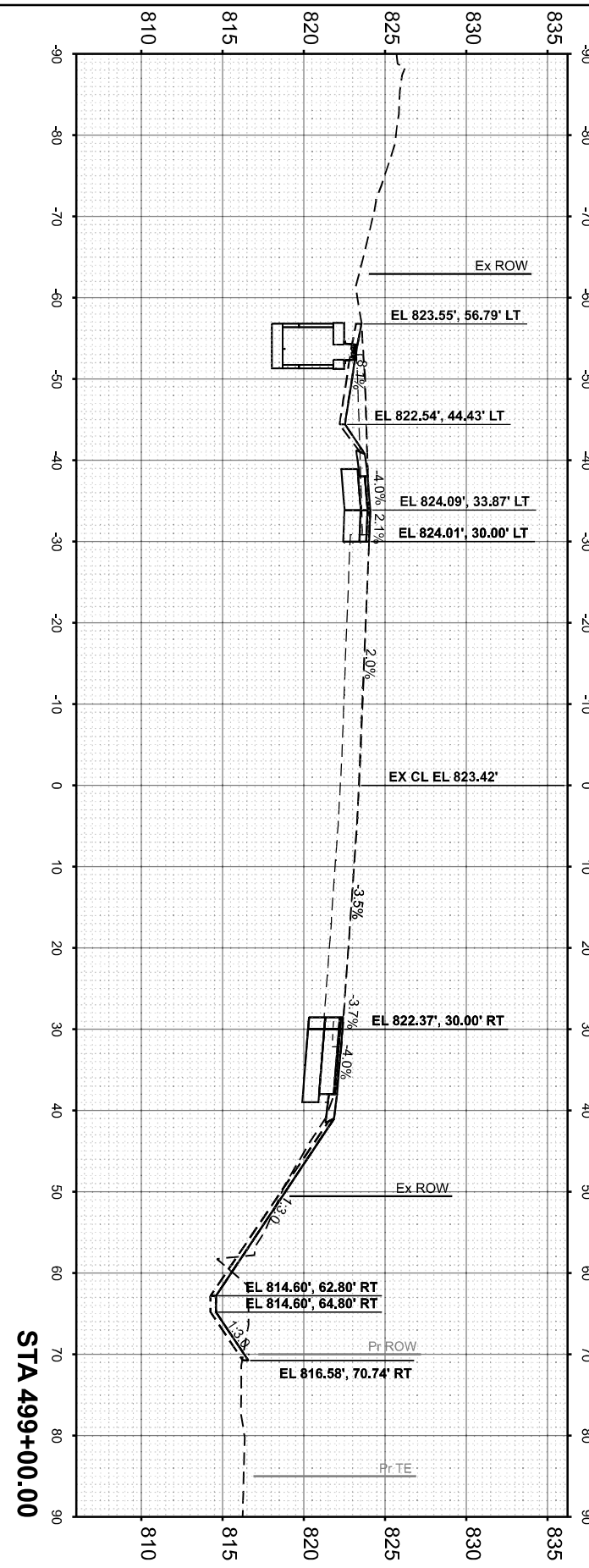
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TEMPLATE
AREA
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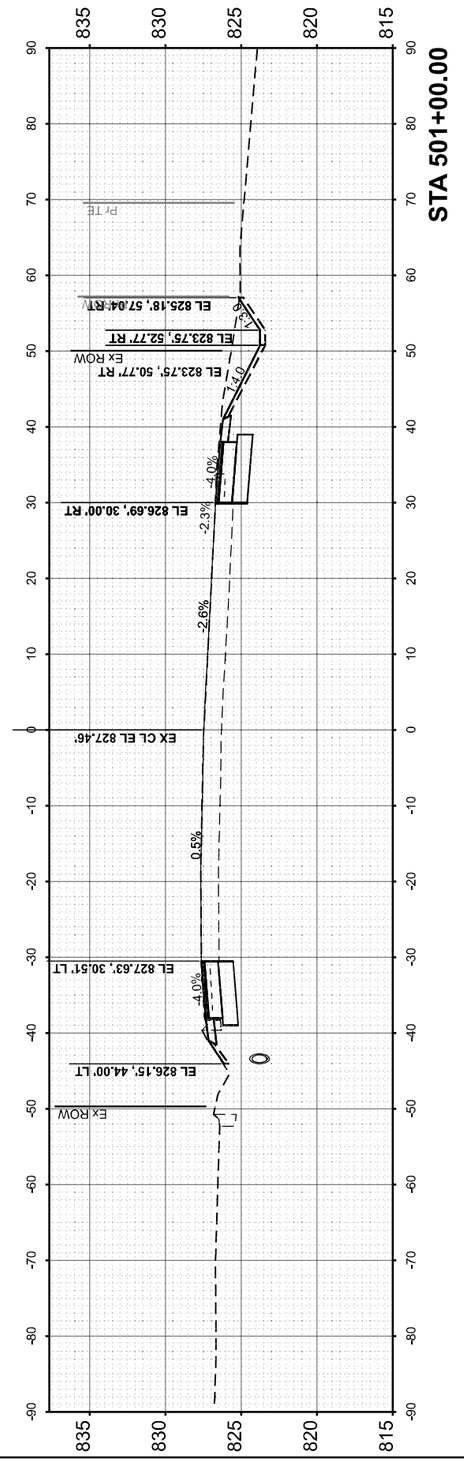
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DATE

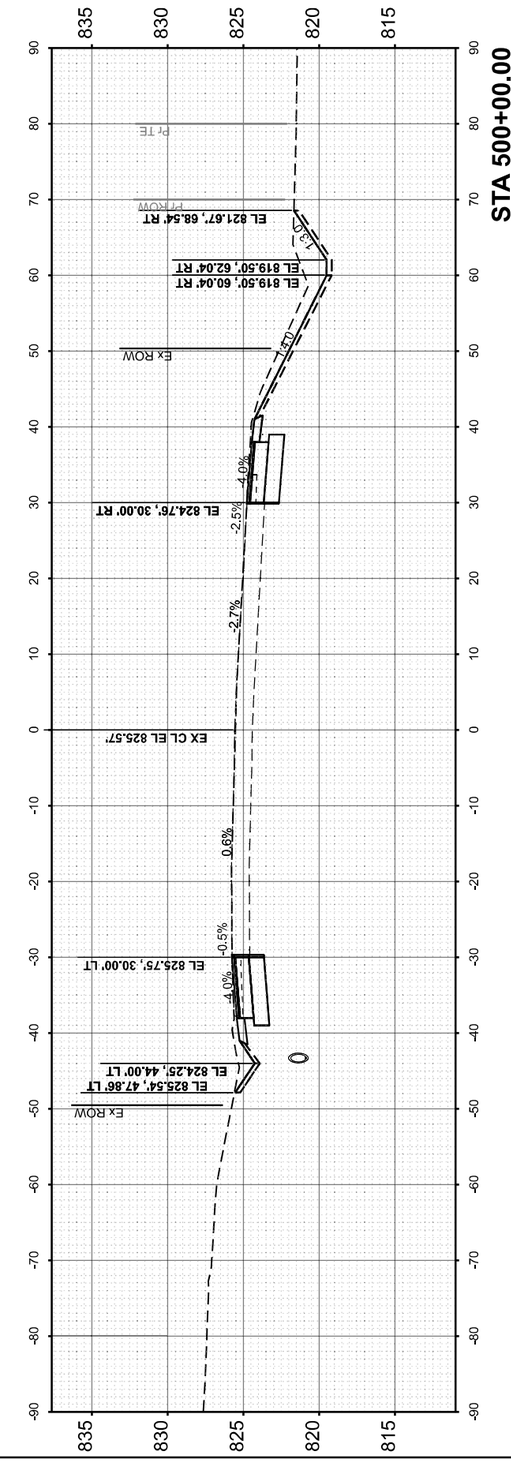


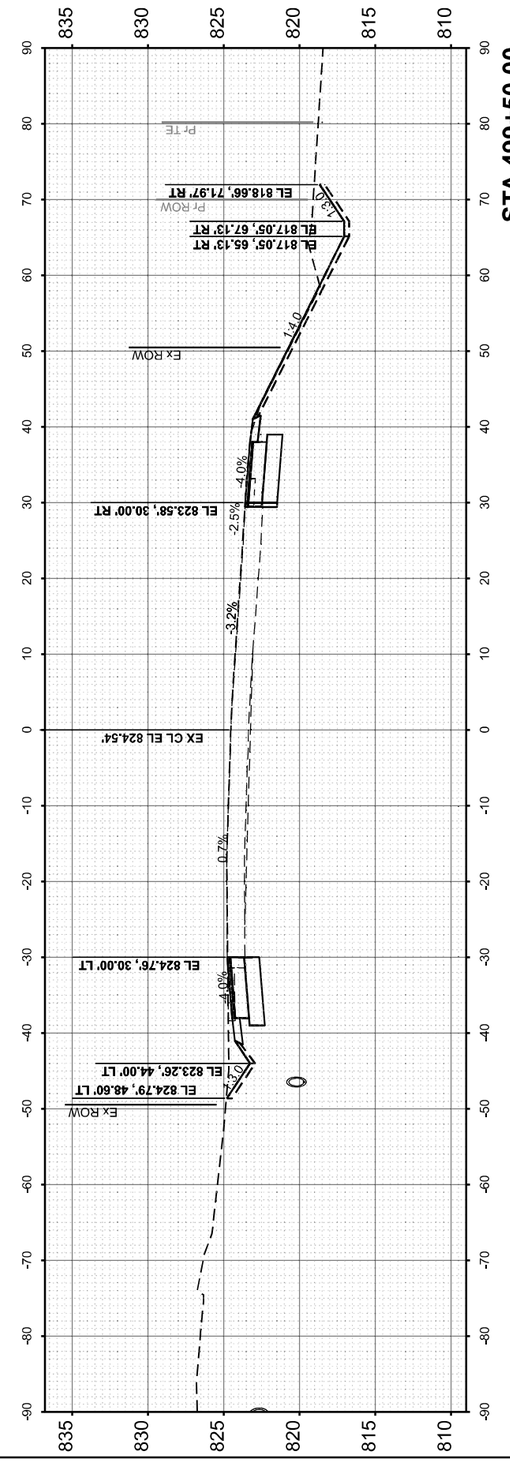












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	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
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NOTE BOOK	TEMPLATE		
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NO.	AREAS CHECKED		

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PLOT DATE = 3/3/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED CROSS SECTIONS (US 20)
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

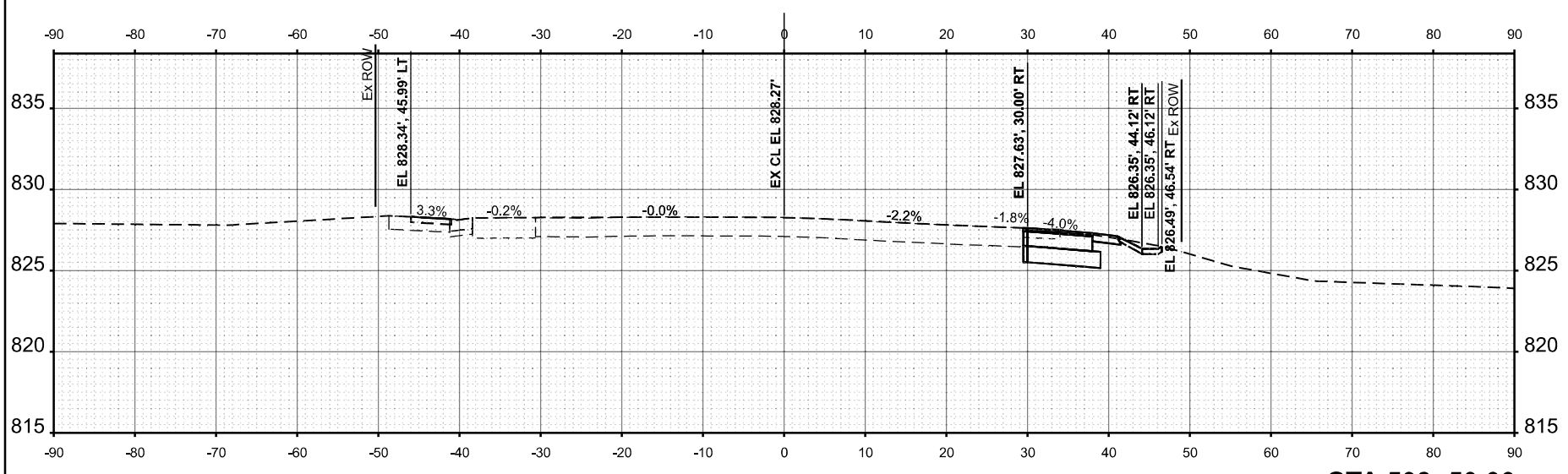
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 62P51		
	ILLINOIS	FED. AID PROJECT		

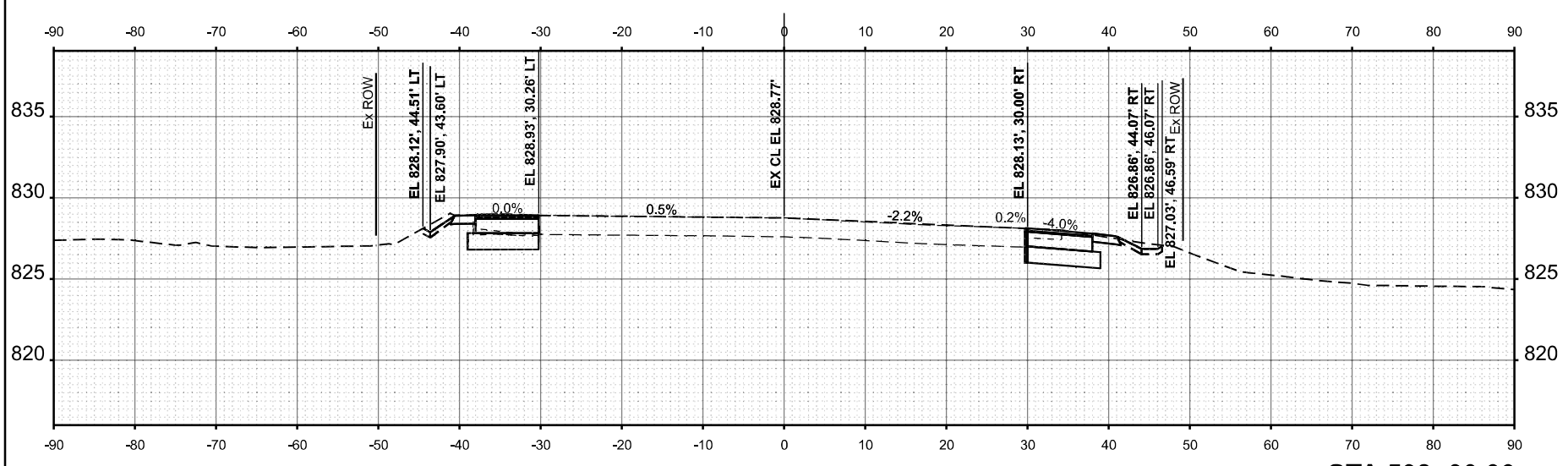
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NO.	AREAS		
	AREAS CHECKED		

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

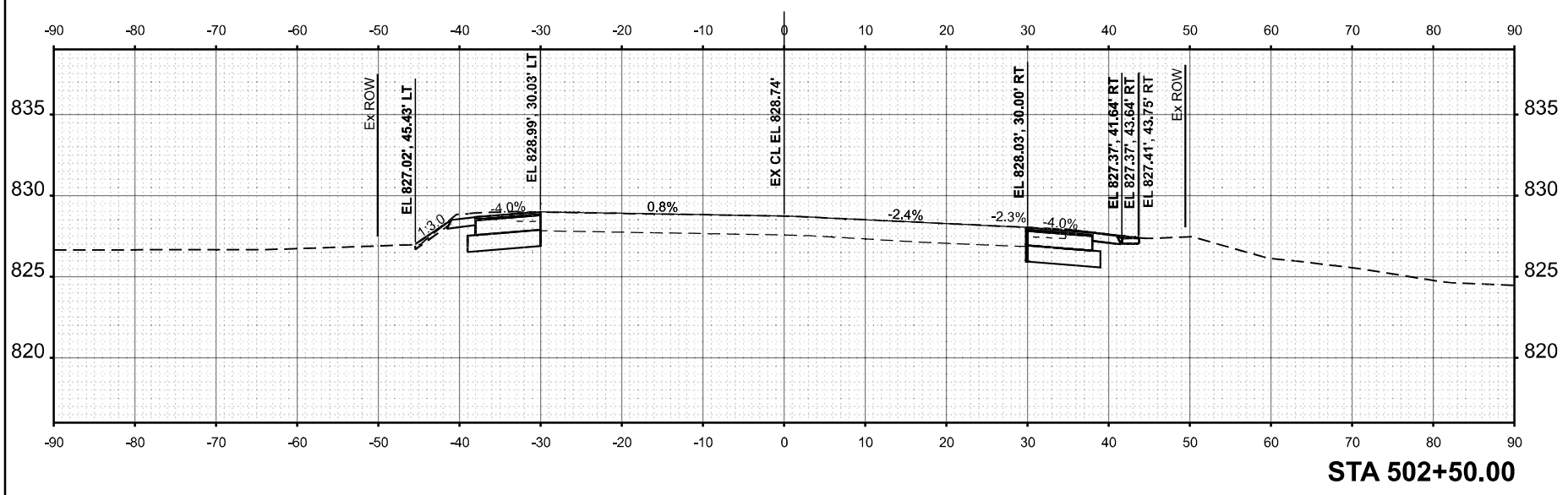
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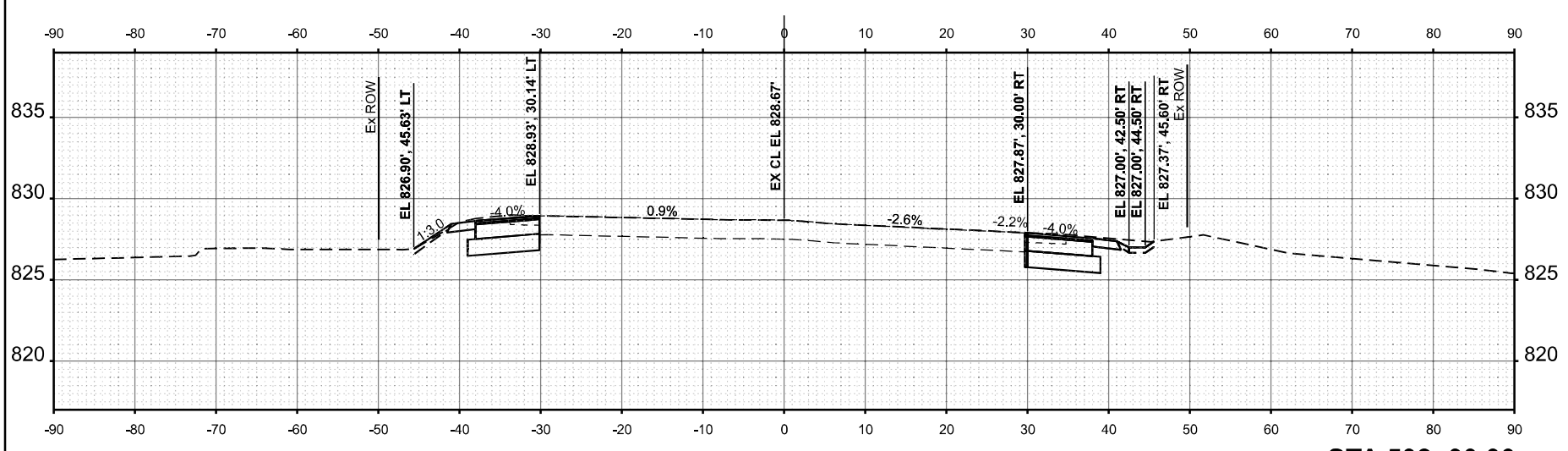
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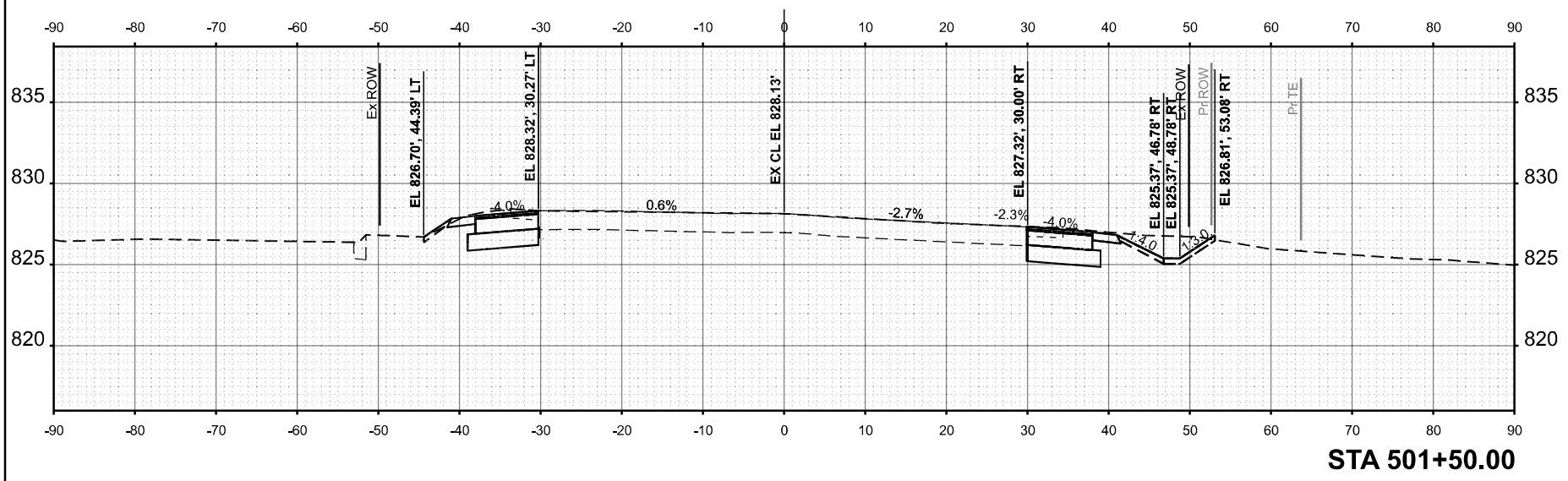
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STA 502+50.00



STA 502+00.00



STA 501+50.00

USER NAME = farhan.tariq
PLOT DATE = 3/3/2026

DESIGNED	-	REVISED	-
DRAWN	-	REVISED	-
CHECKED	-	REVISED	-
DATE	-	REVISED	-

FT, 3/3/2026

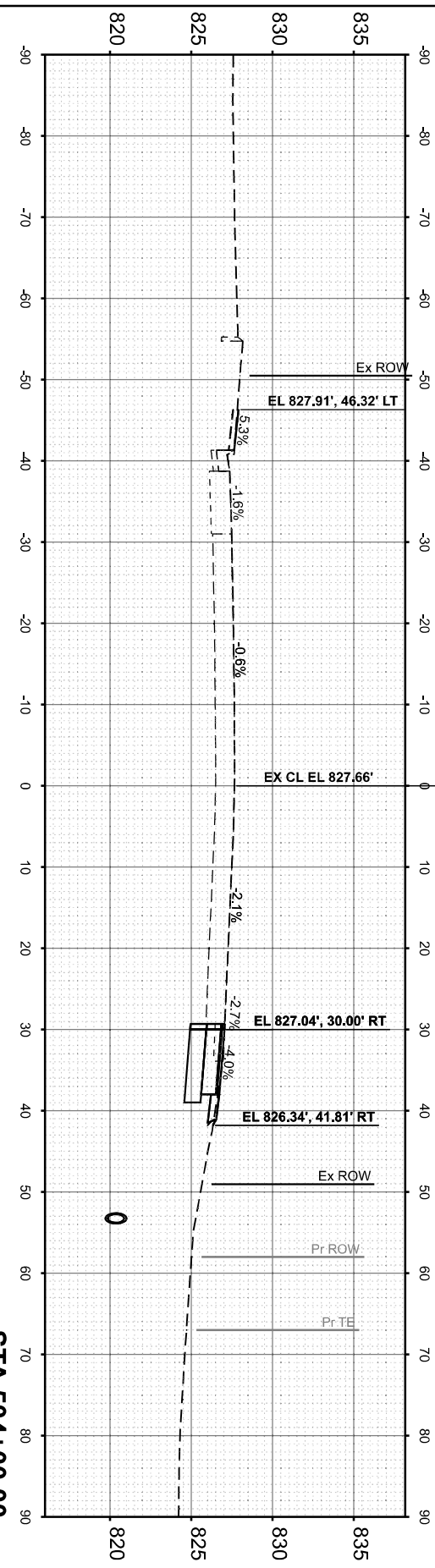
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

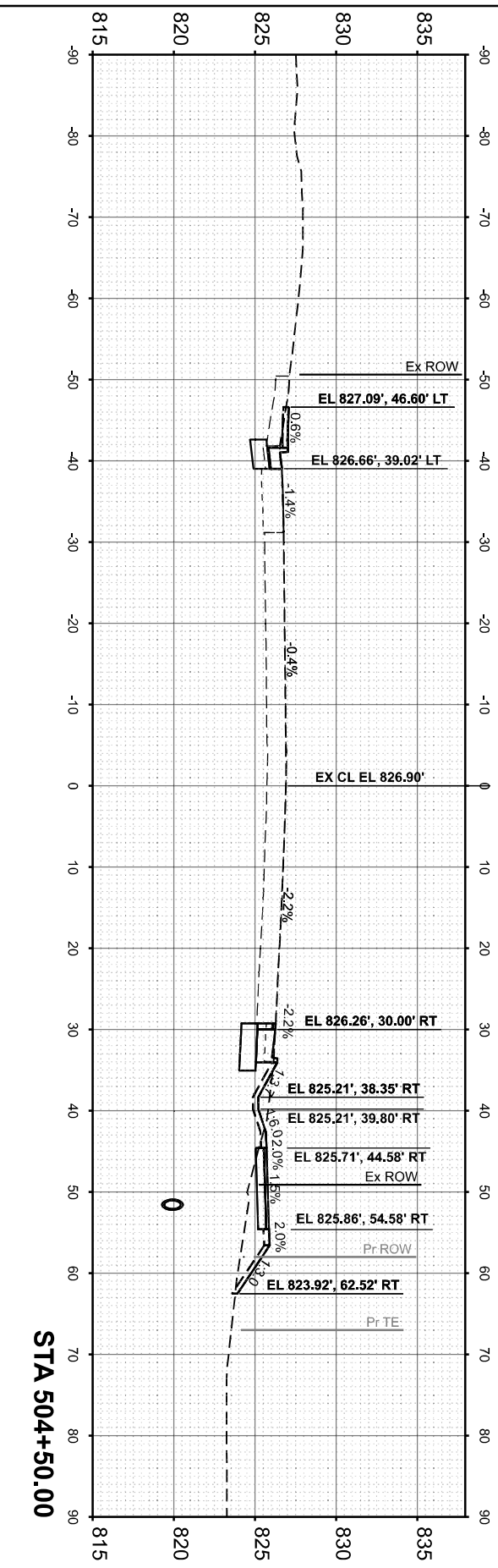
EXISTING AND PROPOSED CROSS SECTIONS (US 20)
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

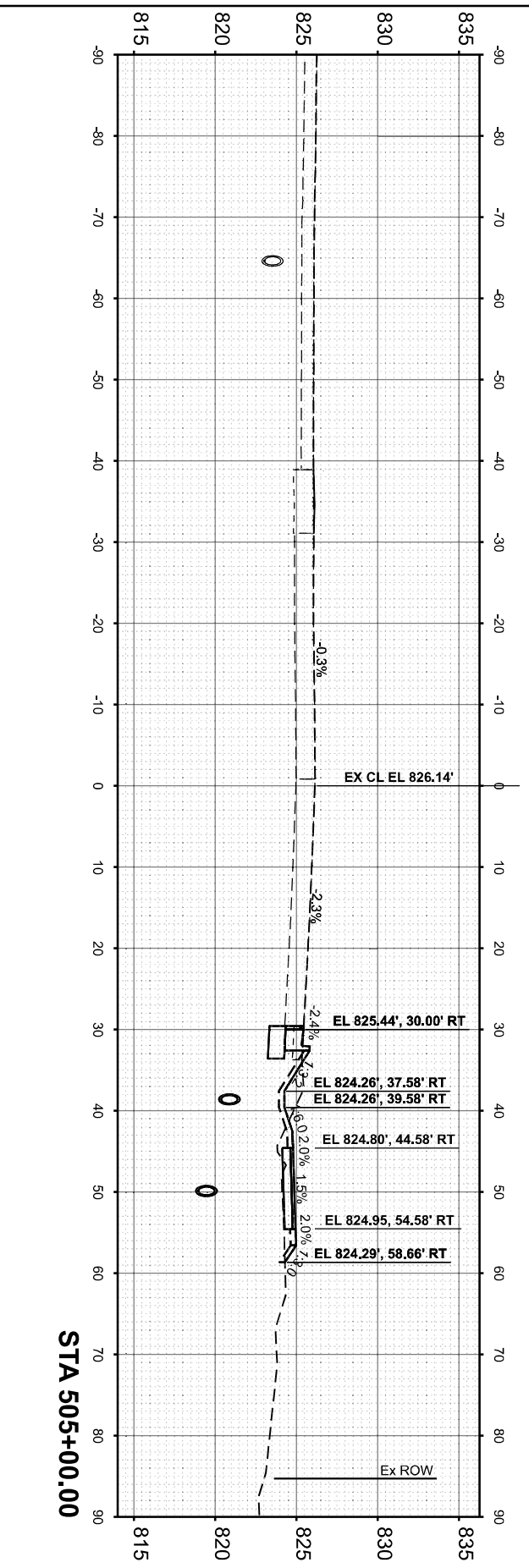
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SHEET 8 OF 15 SHEETS STA. TO STA.

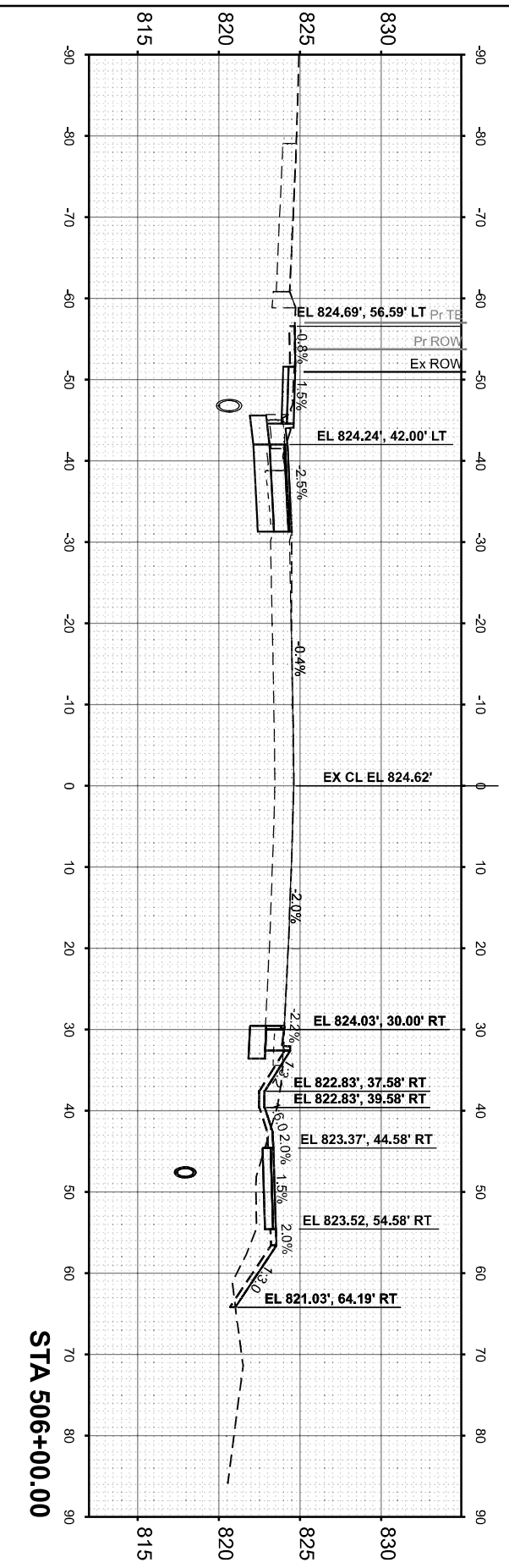
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	125

ILLINOIS FED. AID PROJECT
CONTRACT NO. 62P51









F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	202I-133-N	COOK	141	126

CONTRACT NO. 62P51

ILLINOIS | FED. AID PROJECT

EXISTING AND PROPOSED CROSS SECTIONS (US 20)
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: 1"=10' | SHEET 9 OF 15 SHEETS | STA. | TO STA.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DESIGNED -	REVISED -	FT, 3/4/2026	
DRAWN -	REVISED -		
CHECKED -	REVISED -		
DATE -	REVISED -		

USER NAME = farhan.tariq
PLOT DATE = 3/4/2026

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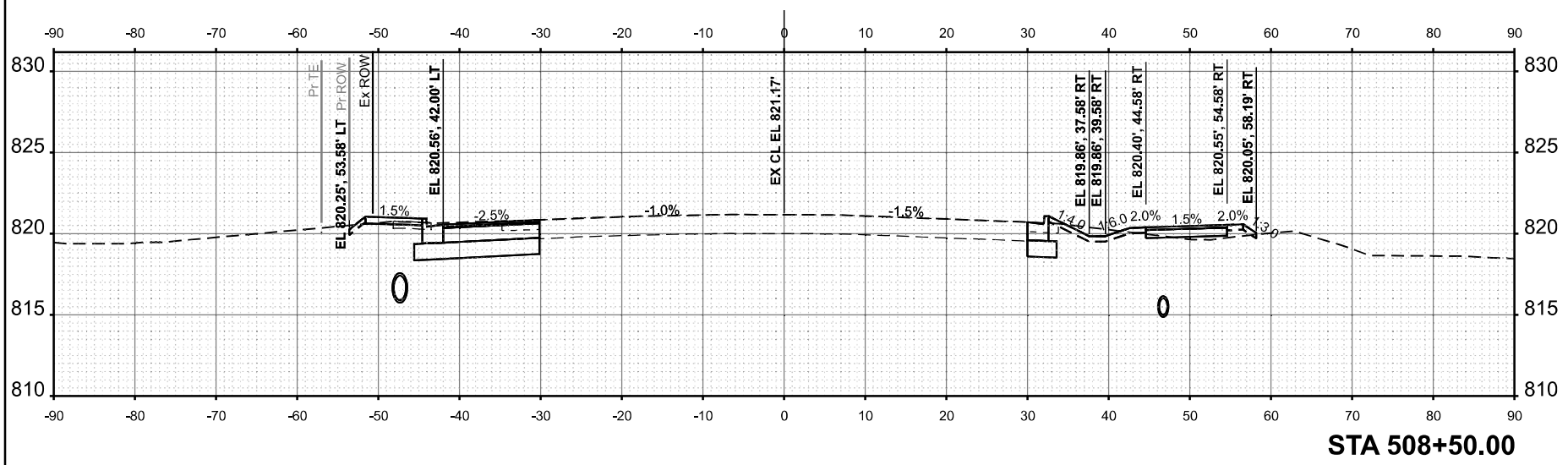
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NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREA		
	AREAS CHECKED	BY	DATE

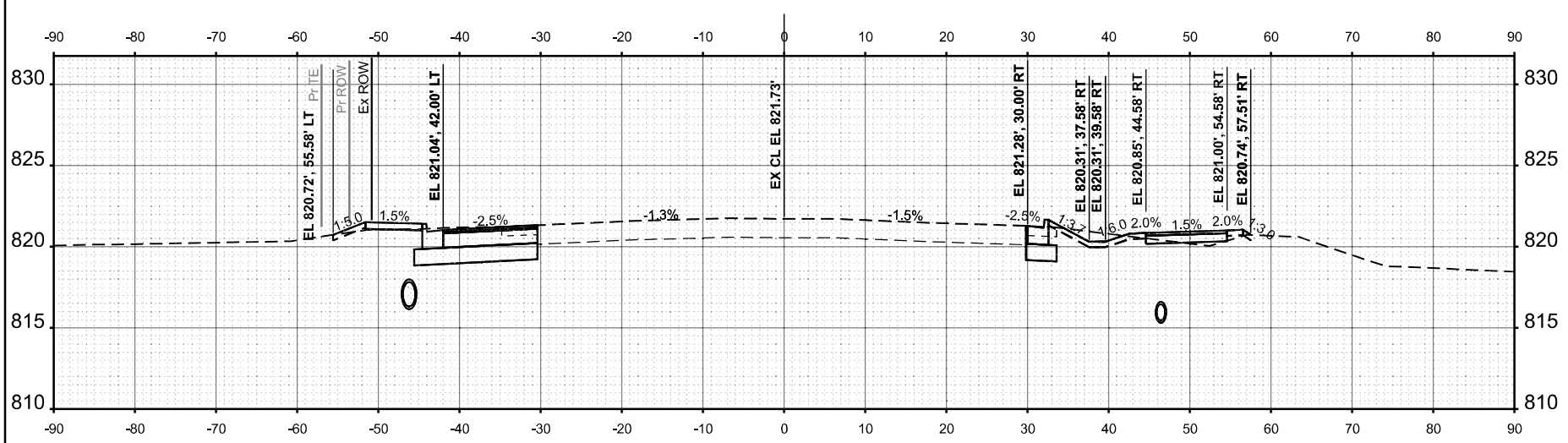
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NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREA		
	AREAS CHECKED	BY	DATE

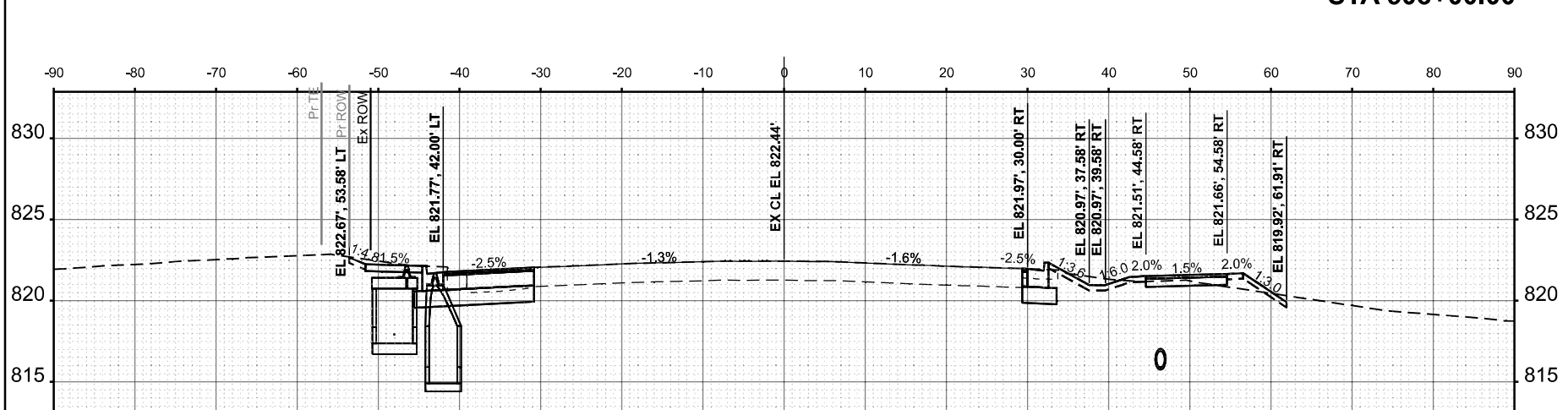
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NOTE BOOK	SURVEYED		
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	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

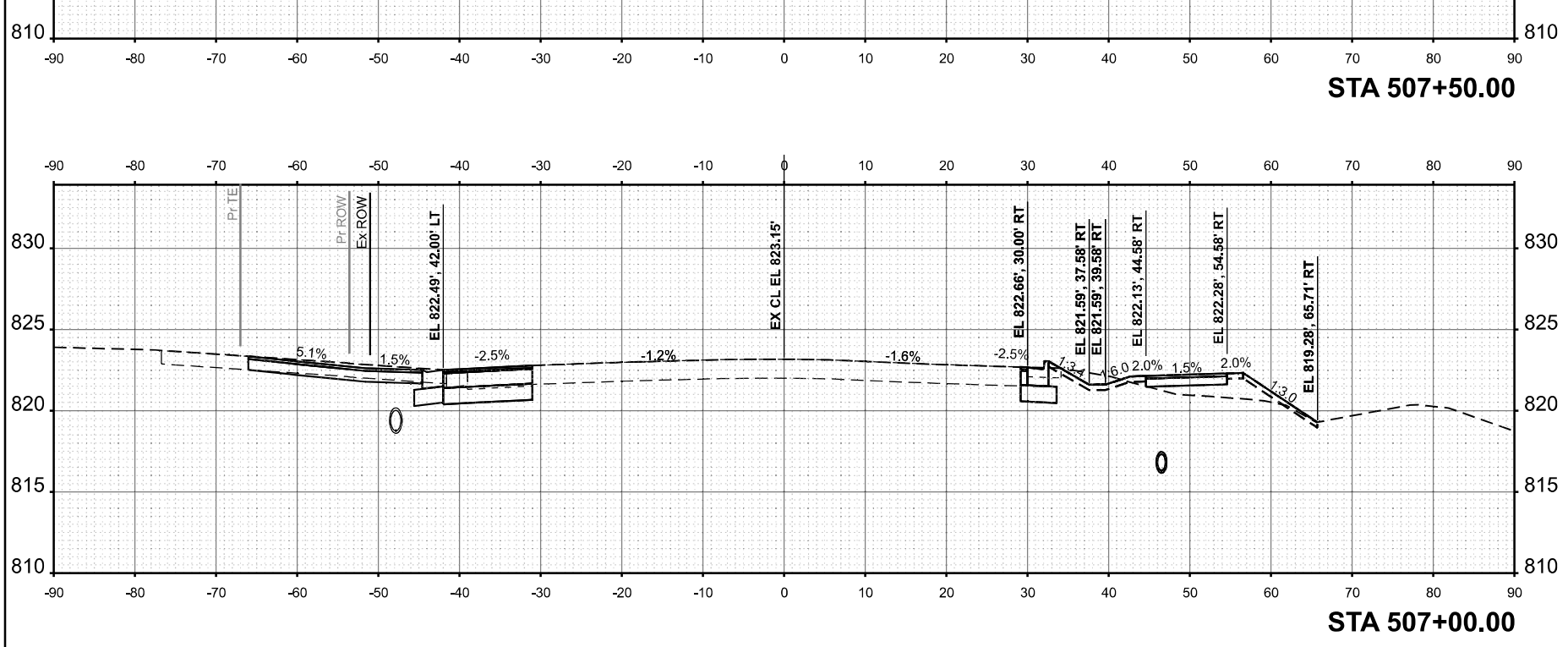
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NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

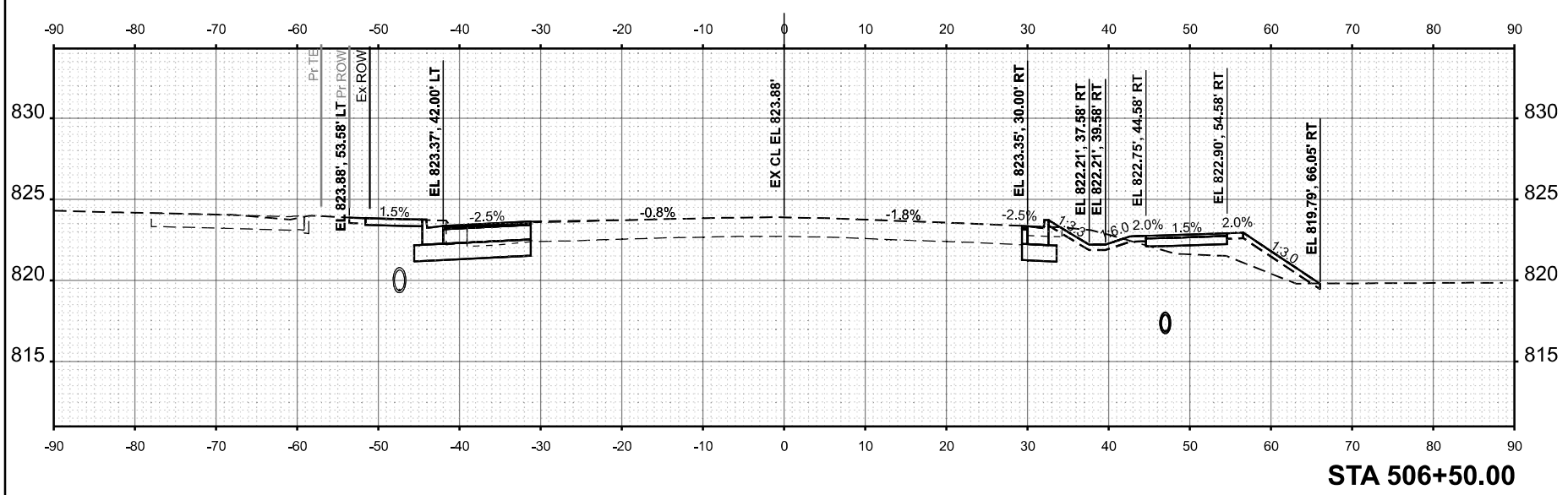
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PLOT DATE = 3/4/2026
USER NAME = farhan.tariq

DESIGNED	-	
DRAWN	-	
CHECKED	-	
DATE	-	

REVISED	-	
REVISED	-	FT, 3/4/2026
REVISED	-	
REVISED	-	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED CROSS SECTIONS (US 20)
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

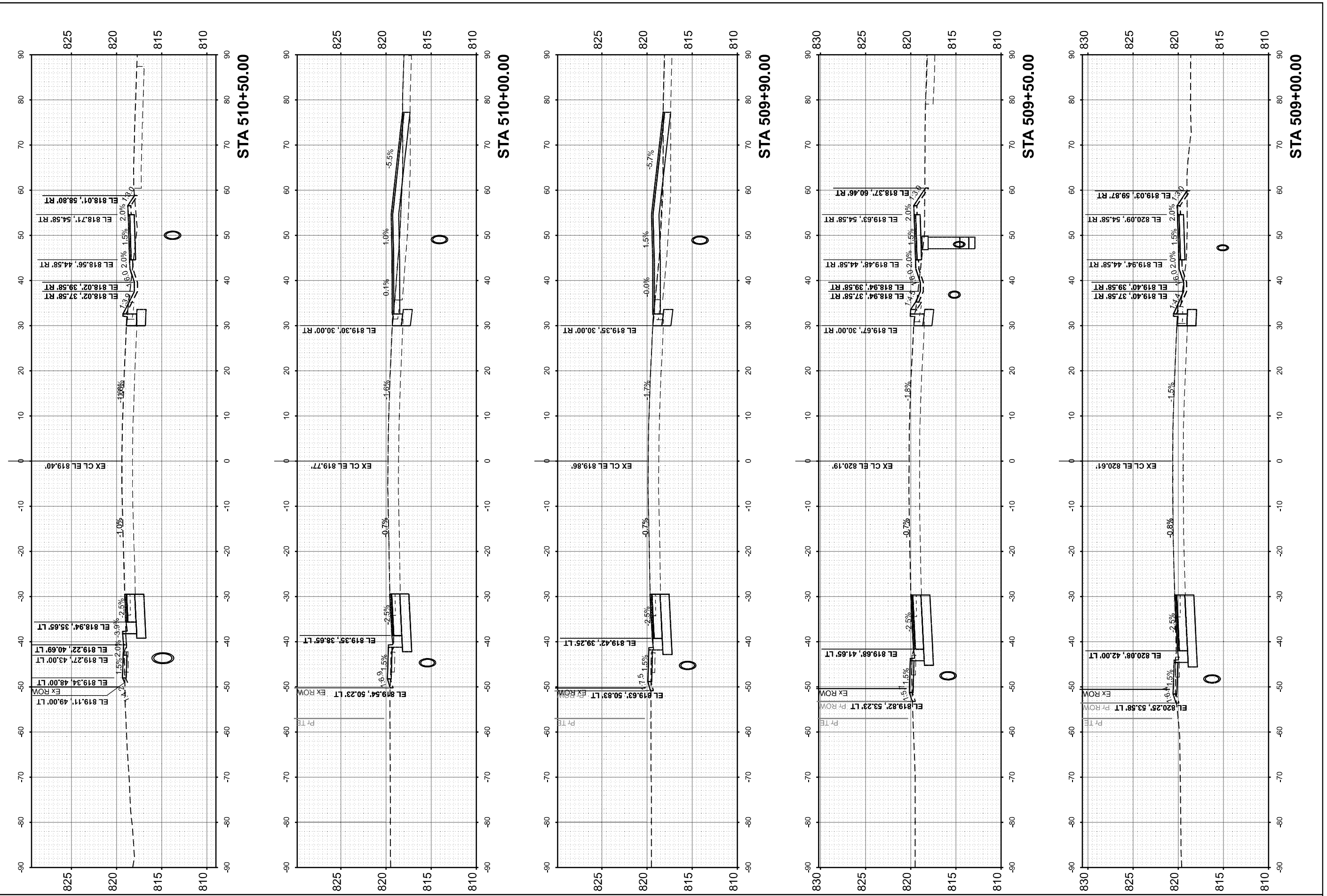
SCALE: 1"=10'

SHEET 10	OF	15	SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	202-133-N	COOK	141	127

ILLINOIS FED. AID PROJECT

CONTRACT NO. 62P51



USER NAME = farhan.tariq	DESIGNED -	REVISED - FT, 3/4/2026	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**	**EXISTING AND PROPOSED CROSS SECTIONS (US 20)** **US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.**	F.A.P. RTE. 345 / SECTION 2021-133-N / COUNTY COOK / TOTAL SHEETS 141 / SHEET NO. 128
	DRAWN -	REVISED -			CONTRACT NO. 62P51
	CHECKED -	REVISED -			ILLINOIS FED. AID PROJECT
PLOT DATE = 3/4/2026	DATE -	REVISED -		SCALE: 1"=10' / SHEET 11 OF 15 SHEETS / STA. / TO STA.	

ORIGINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

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ORIGINAL SURVEY
NO. NOTE BOOK
SURVEYED
PLOTTED
TEMPLATE
AREA
AREAS CHECKED
BY
DATE

FINAL SURVEY
NO. NOTE BOOK
SURVEYED
PLOTTED
TEMPLATE
AREA
AREAS CHECKED
BY
DATE

USER NAME = farhan.tariq
PLOT DATE = 3/4/2026

DESIGNED -	DATE -	REVISED -	
DRAWN -	CHECKED -	REVISED -	
CHECKED -	DRAWN -	REVISED -	
DATE -	DESIGNED -	REVISED - FT, 3/4/2026	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

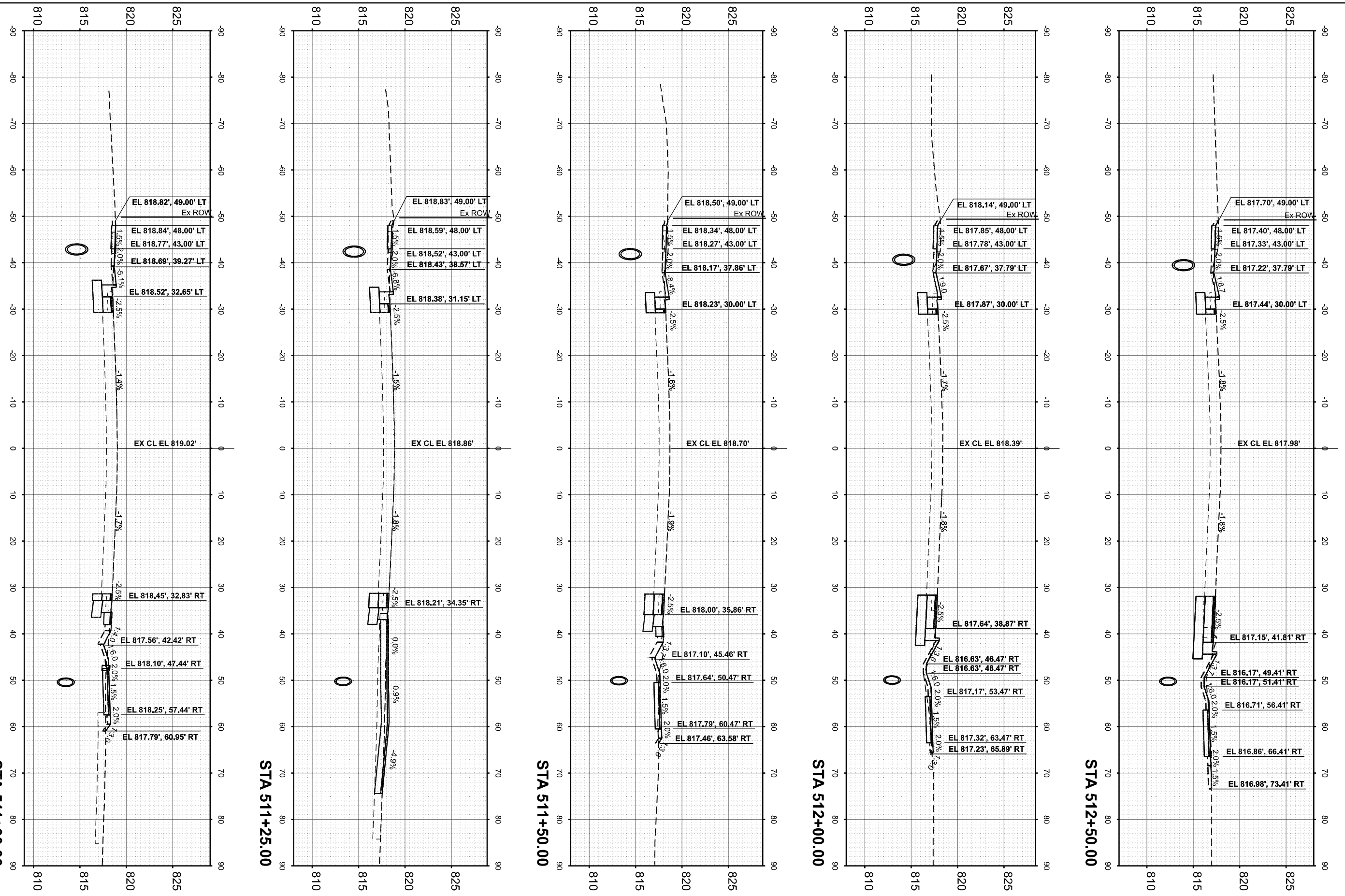
SCALE: 1"=10' | SHEET 12 OF 15 SHEETS | STA. | TO STA.

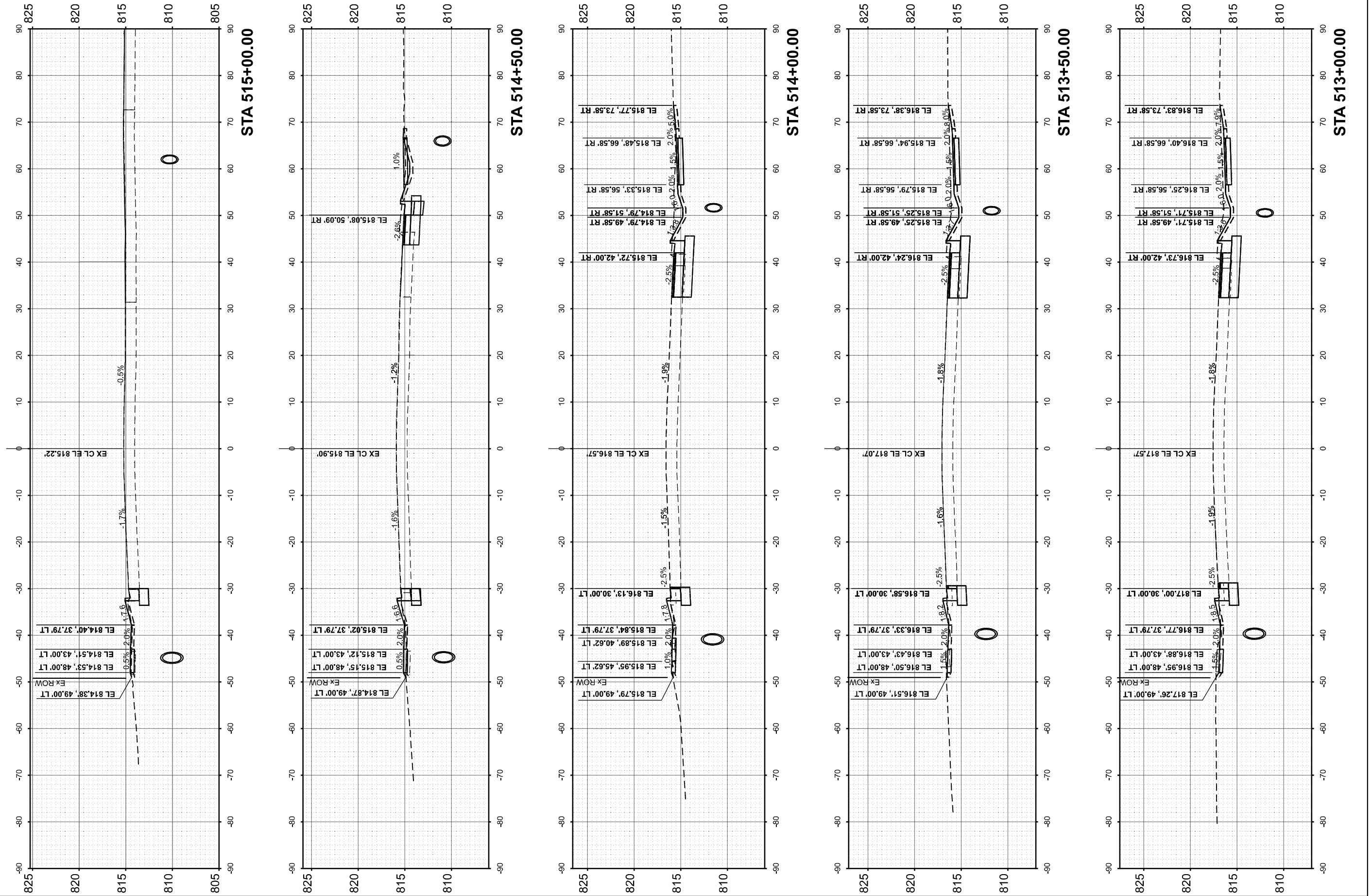
EXISTING AND PROPOSED CROSS SECTIONS (US 20)
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

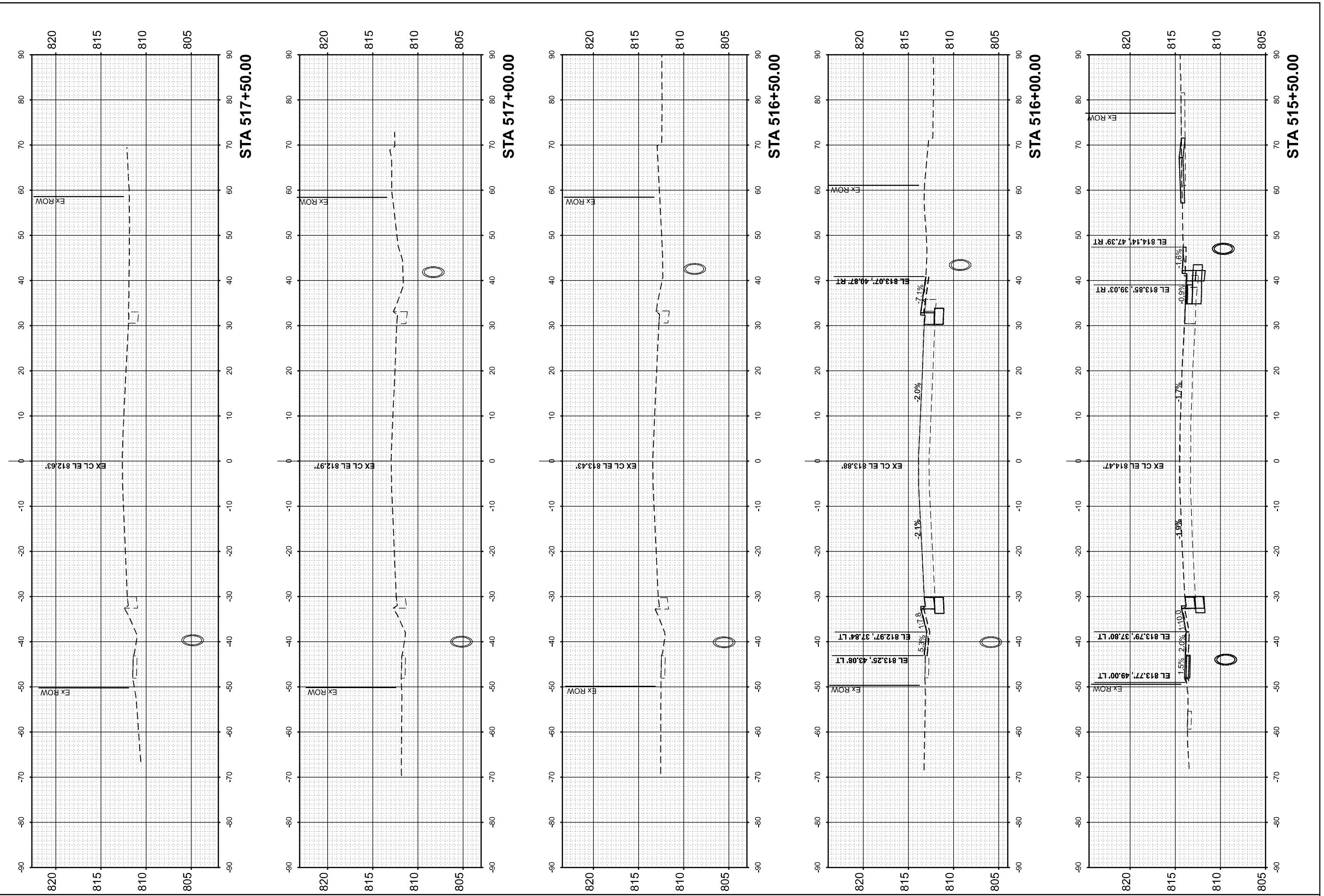
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	129

ILLINOIS | FED. AID PROJECT

CONTRACT NO. 62P51




STA 515+00.00
STA 514+50.00
STA 514+00.00
STA 513+50.00
STA 513+00.00
EX CL EL 815.22'
EX CL EL 815.90'
EX CL EL 816.57'
EX CL EL 817.07'
EX CL EL 817.57'
-0.5%
-1.7%
-1.2%
-2.6%
1.0%
-1.9%
-2.5%
-1.5%
-1.8%
-1.8%
-2.5%
-1.6%
-2.5%
-1.5%
-1.8%
-1.8%
-2.5%
-1.5%
-1.8%
-1.8%
-2.5%
2.0%
1.6
1.7
1.8
2.0%
1.5%
2.0%
1.5%
2.0%
1.5%



FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED CROSS SECTIONS (US 20)
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: 1"=10' | SHEET 14 OF 15 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	131
		CONTRACT NO. 62P51		
	ILLINOIS FED. AID PROJECT			

ORIGINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

FINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

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USER NAME = farhan.tariq
PLOT DATE = 2/3/2026

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=10'

EXISTING AND PROPOSED CROSS SECTIONS (US 20)
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SHEET 15 OF 15 SHEETS | STA. | TO STA.

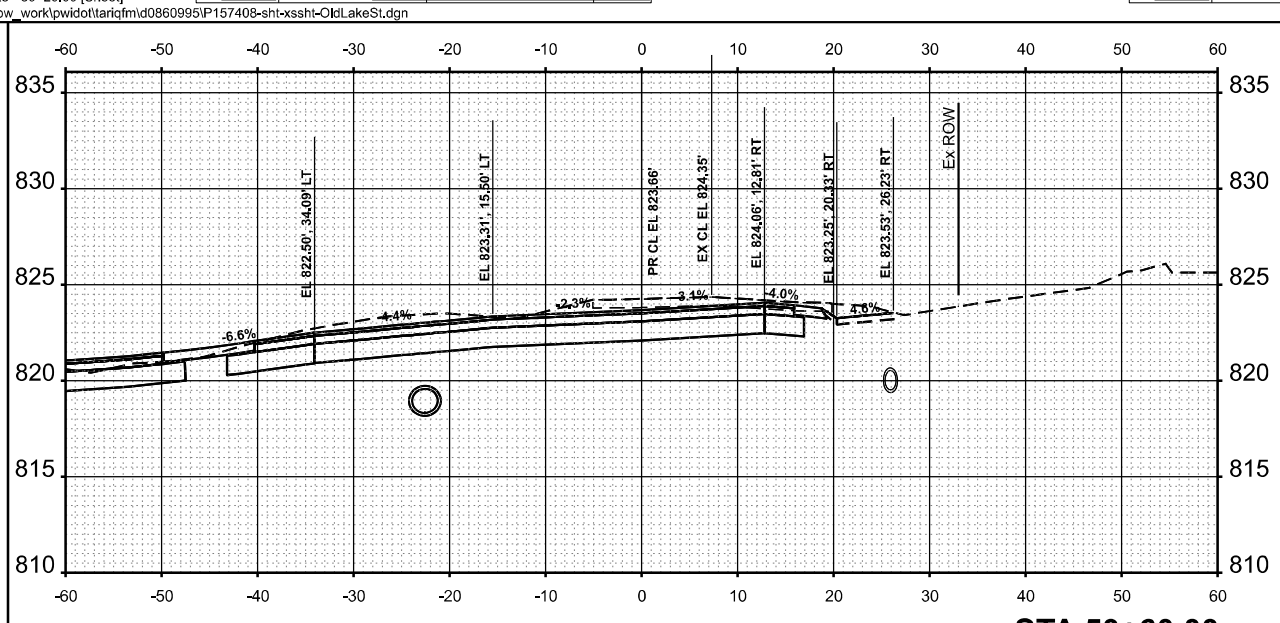
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	132

ILLINOIS | FED. AID PROJECT | CONTRACT NO. 62P51

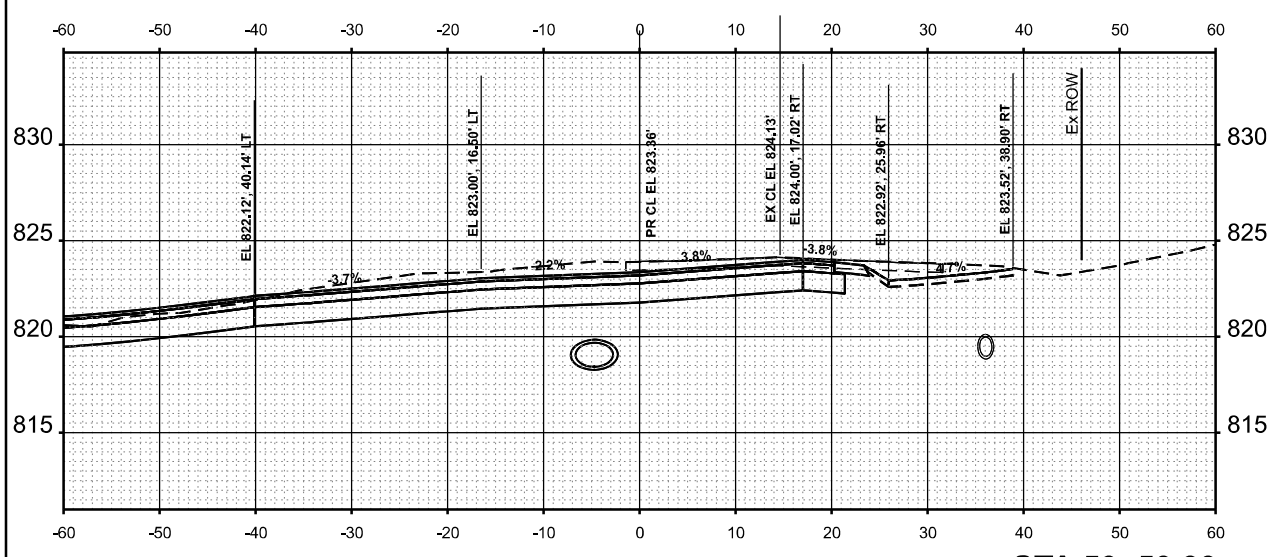
ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

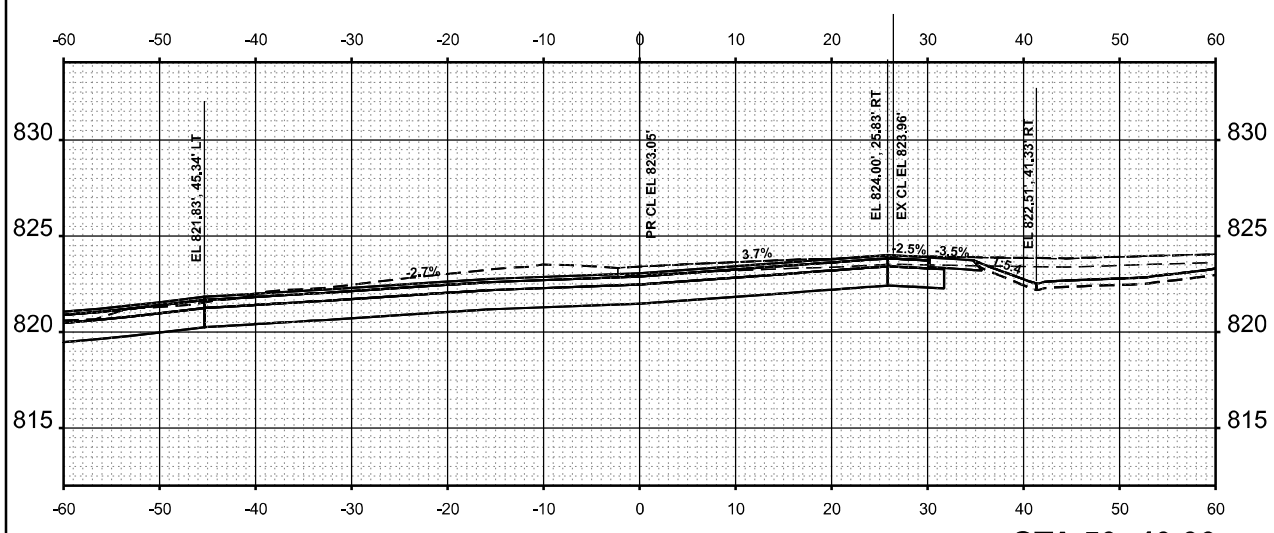
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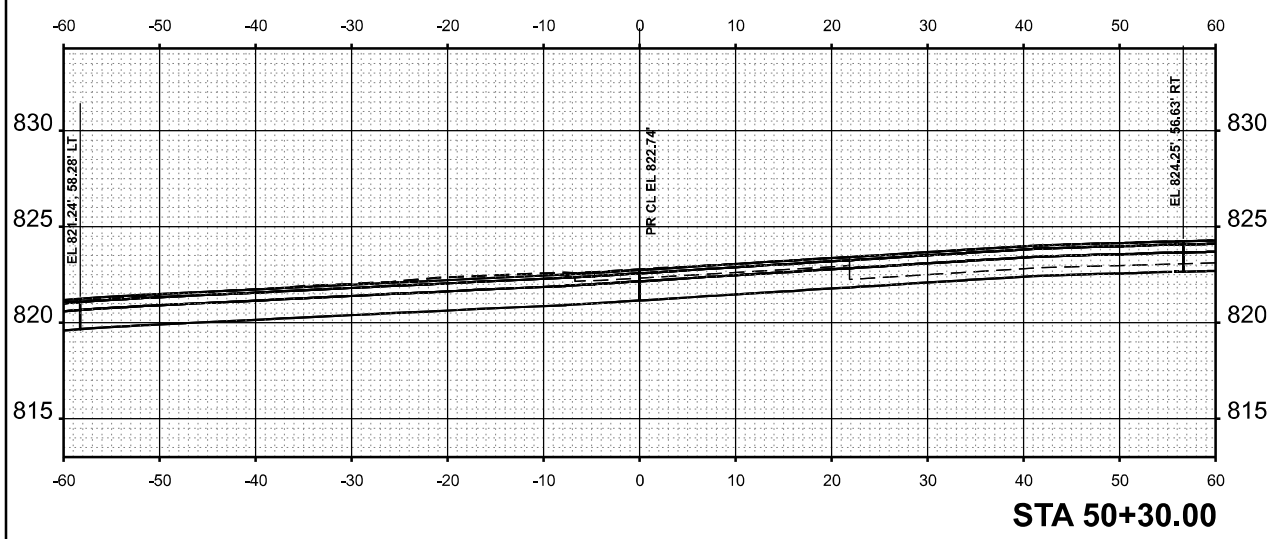
STA 50+60.00



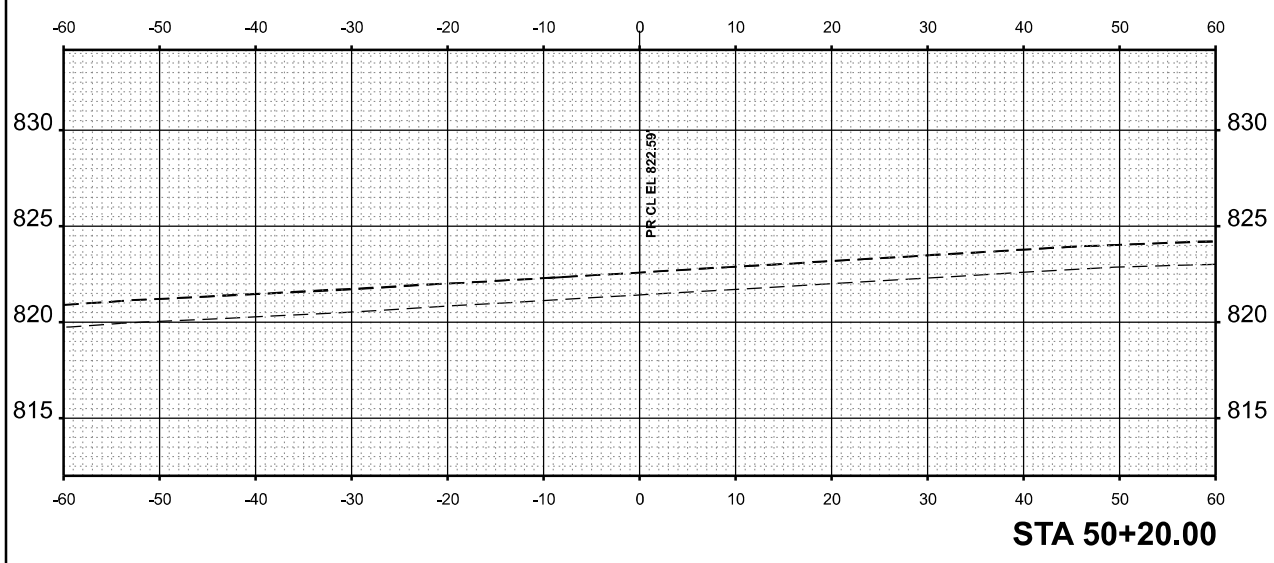
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STA 50+40.00



STA 50+30.00



STA 50+20.00

USER NAME = farhan.tariq
PLOT DATE = 2/2/2026

DESIGNED	-	REVISED	-
DRAWN	-	REVISED	-
CHECKED	-	REVISED	-
DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED CROSS SECTIONS (OLD LAKE ST.)
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: 1"=10' | SHEET 1 OF 3 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	133

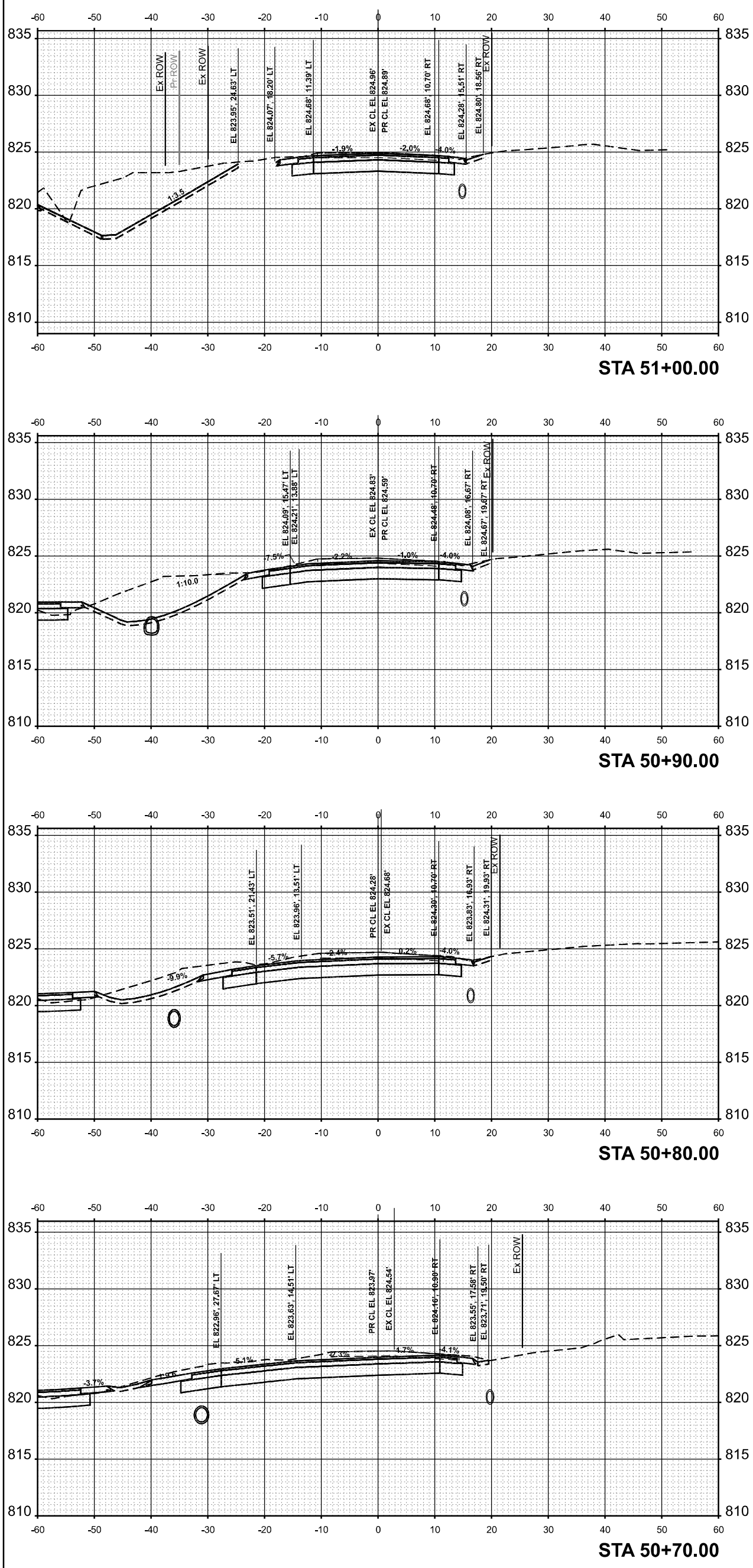
ILLINOIS FED. AID PROJECT

CONTRACT NO. 62P51

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

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USER NAME = farhan.tariq
PLOT DATE = 2/3/2026

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED CROSS SECTIONS (OLD LAKE ST.)
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

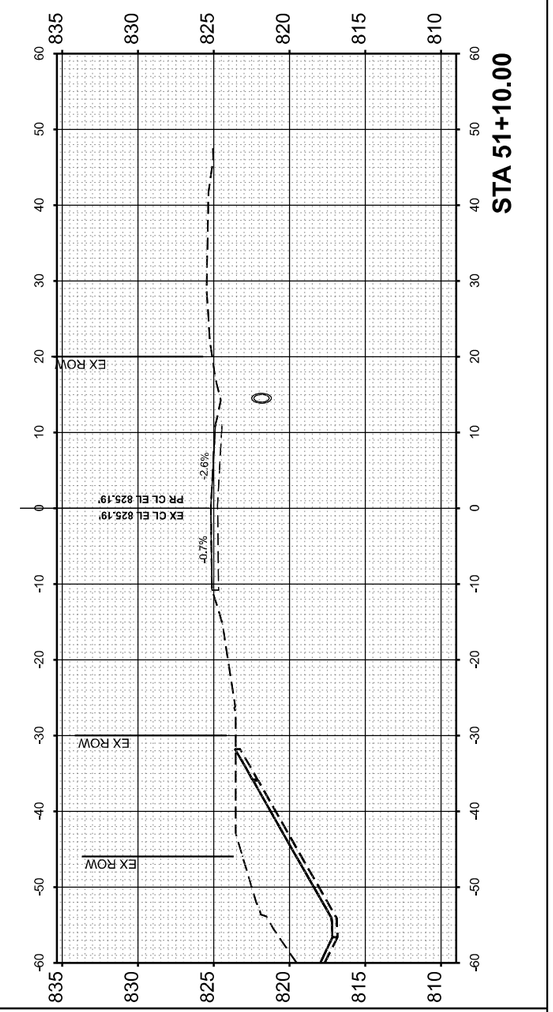
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SHEET 2 OF 3 SHEETS
STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	134

CONTRACT NO. 62P51
ILLINOIS FED. AID PROJECT

FINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		



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	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 2/3/2026	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED CROSS SECTIONS (OLD LAKE ST.)
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

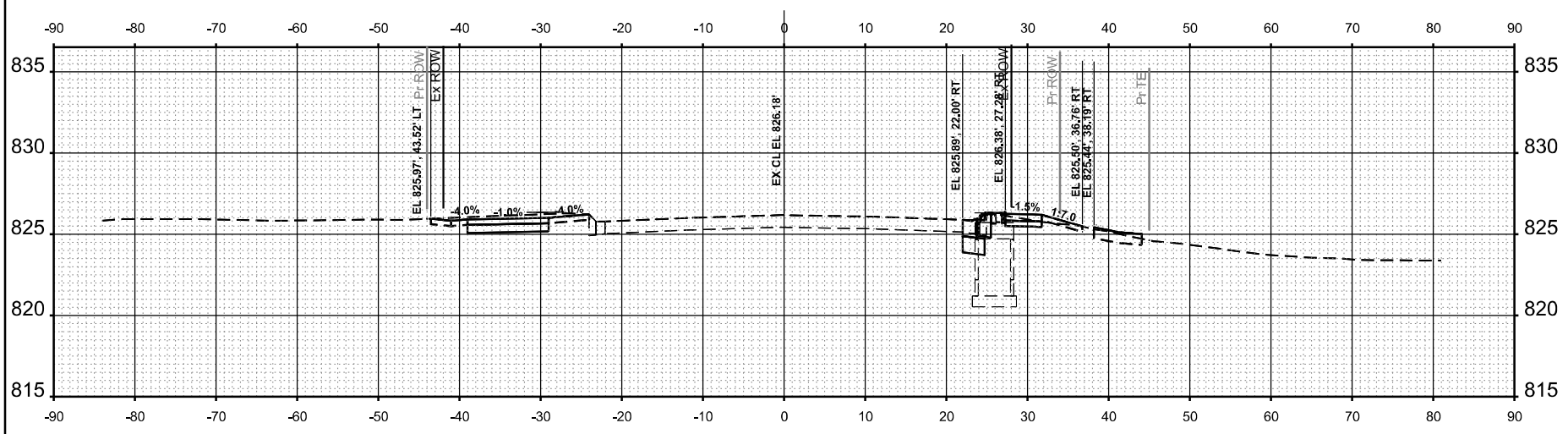
SCALE: 1"=10' | SHEET 3 OF 3 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	135
		CONTRACT NO. 62P51		
	ILLINOIS	FED. AID PROJECT		

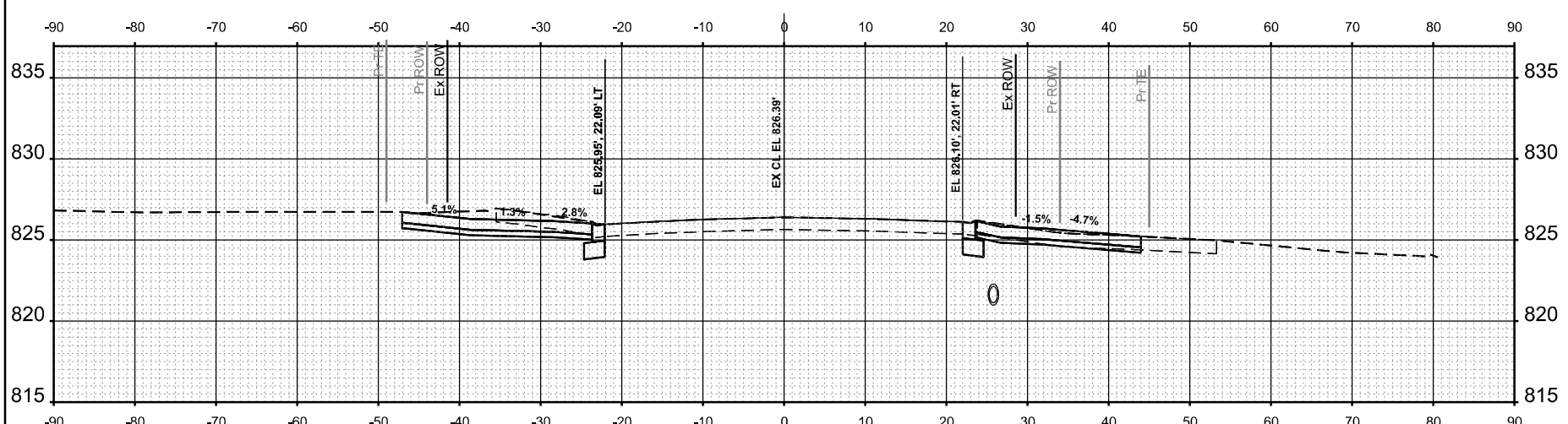
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NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

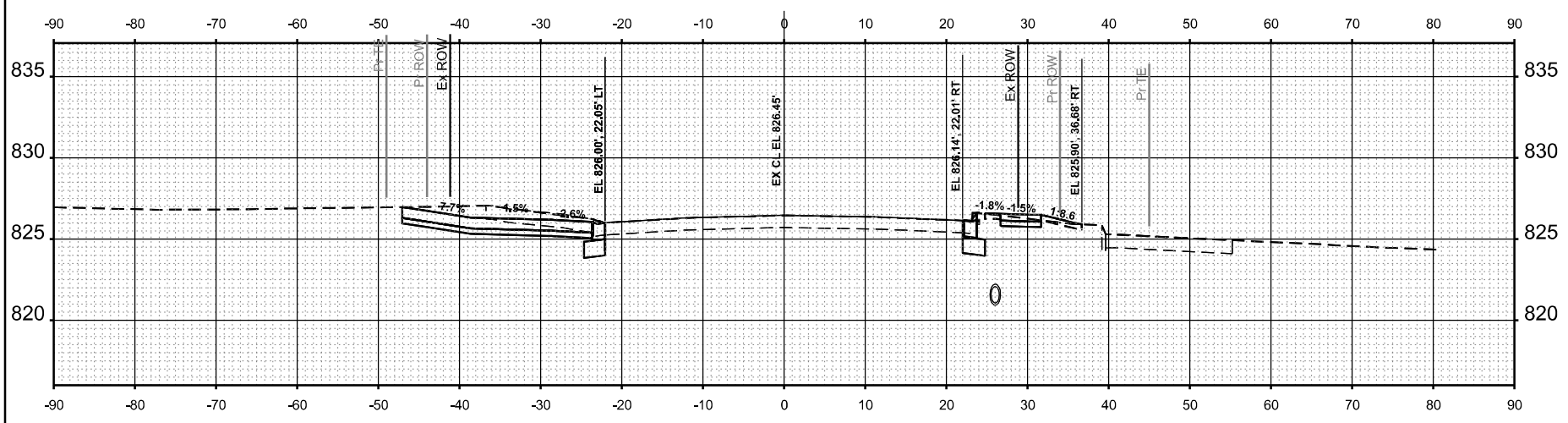
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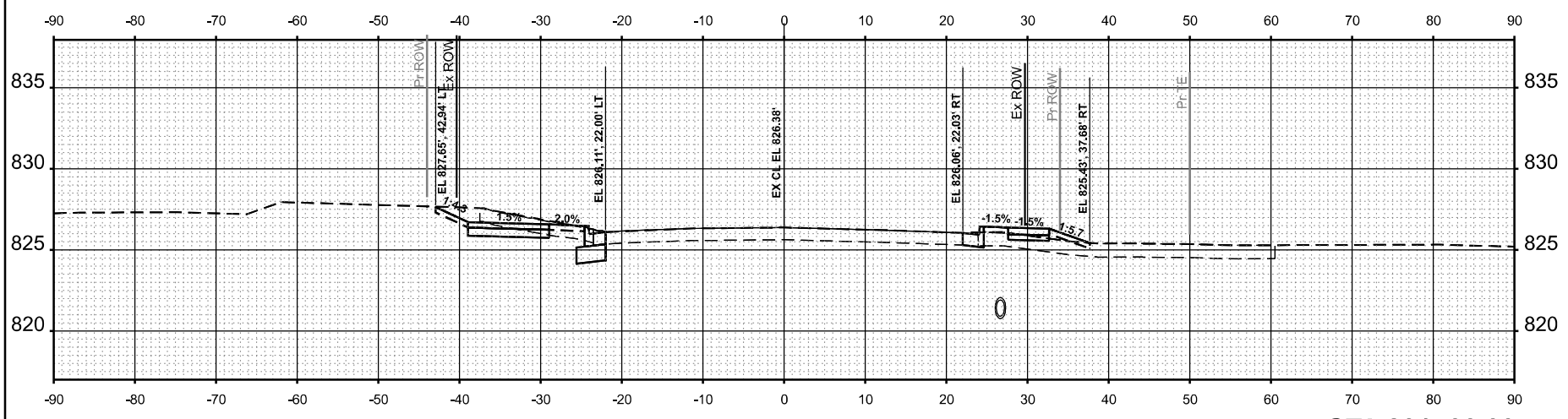
STA 202+00.00



STA 201+68.00



STA 201+50.00



STA 201+00.00

USER NAME = farhan.tariq
PLOT DATE = 2/3/2026

DESIGNED	-	REVISED	-
DRAWN	-	REVISED	-
CHECKED	-	REVISED	-
DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED CROSS SECTIONS (BARTLETT RD.)
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

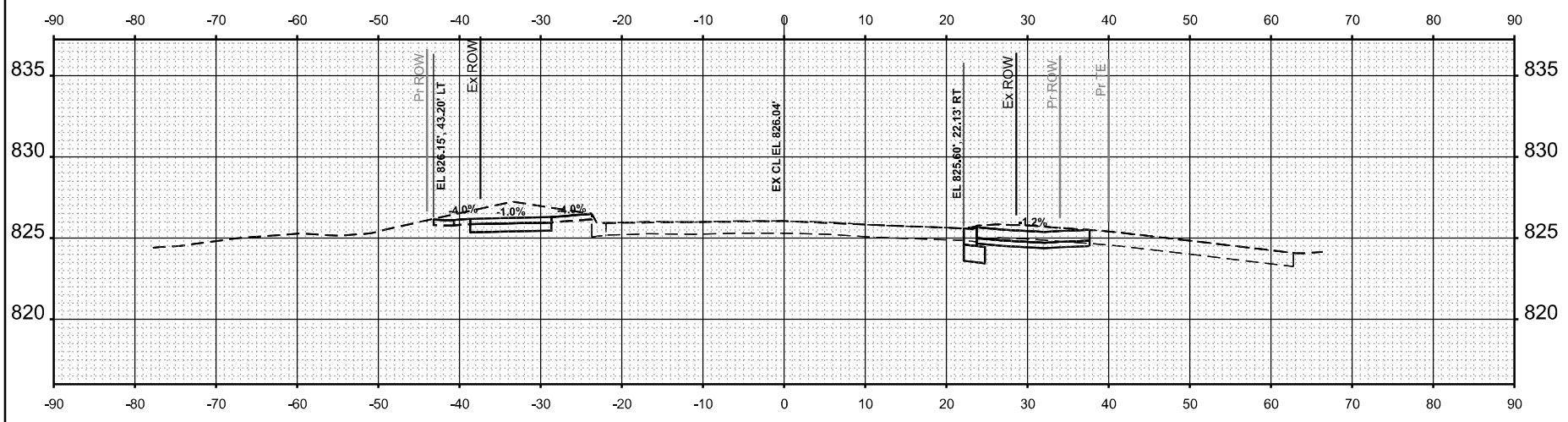
SCALE: 1"=10'
SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	136
		CONTRACT NO. 62P51		
		ILLINOIS	FED. AID PROJECT	

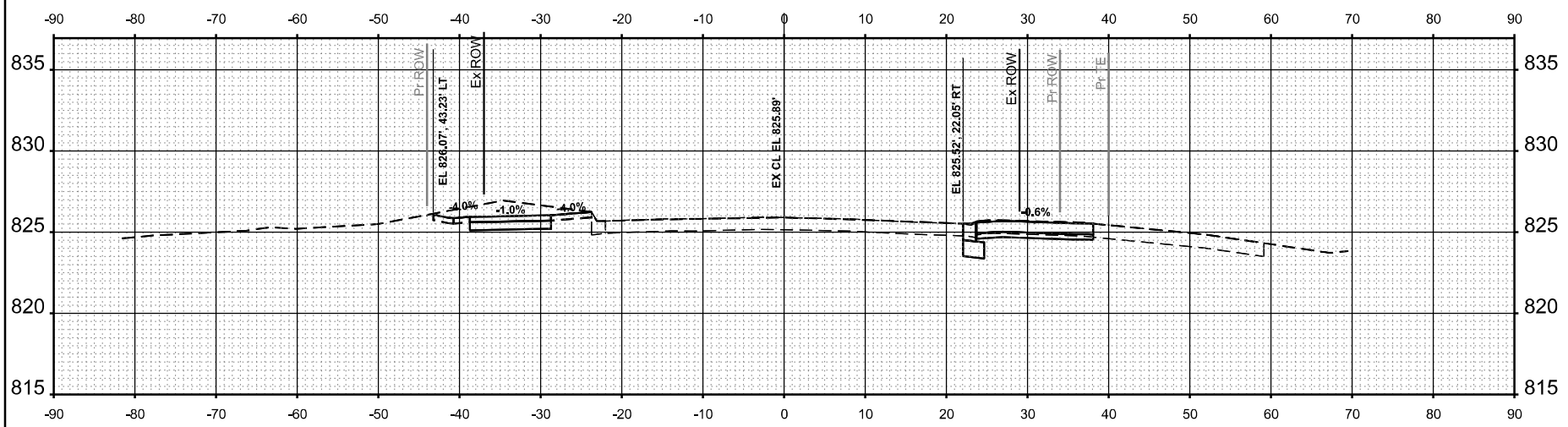
ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

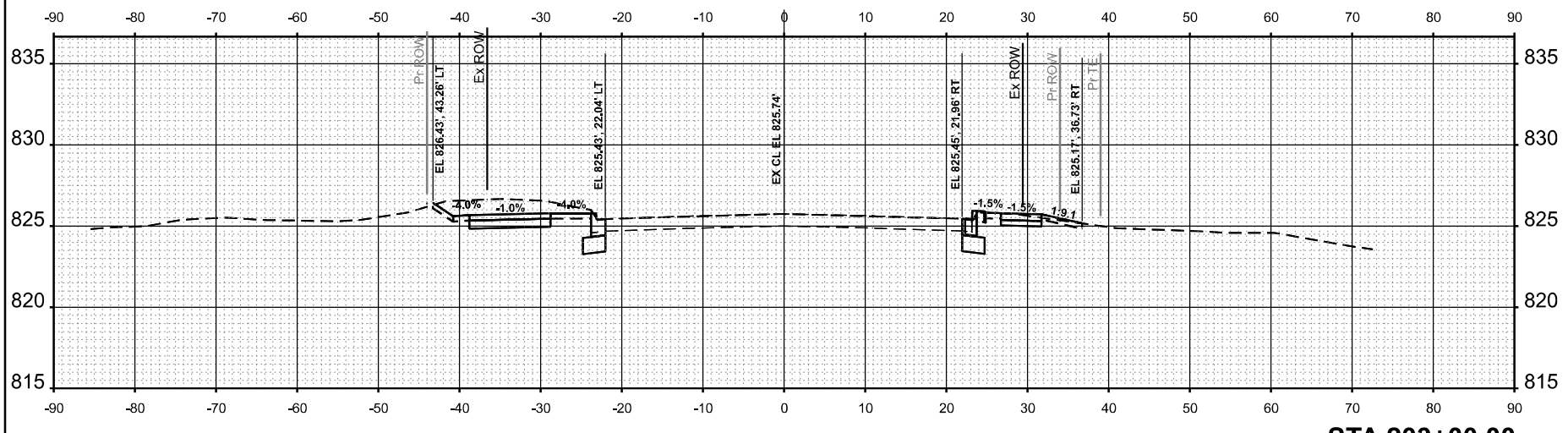
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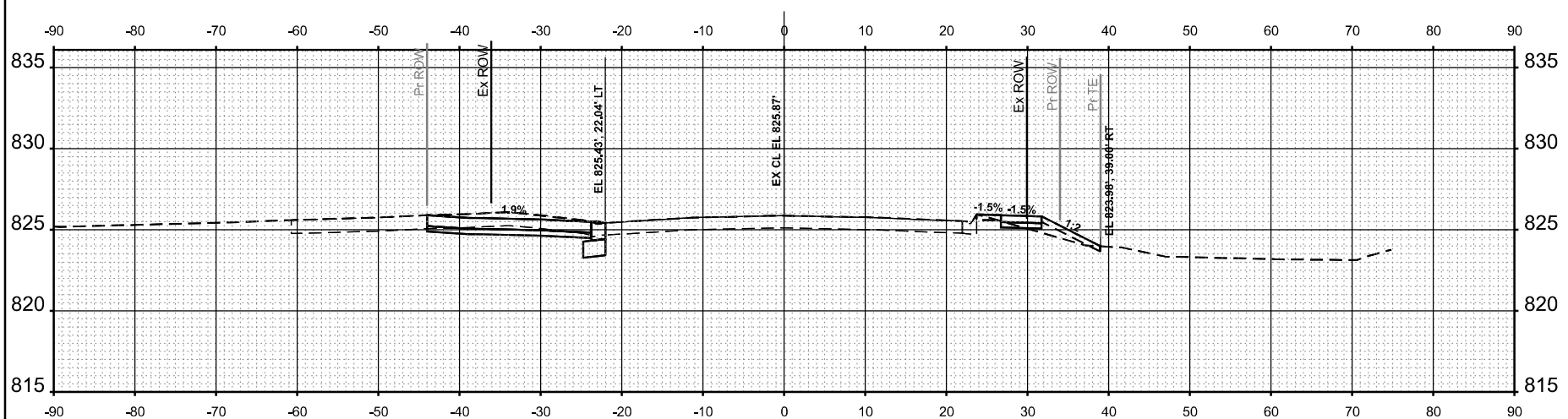
STA 203+50.00



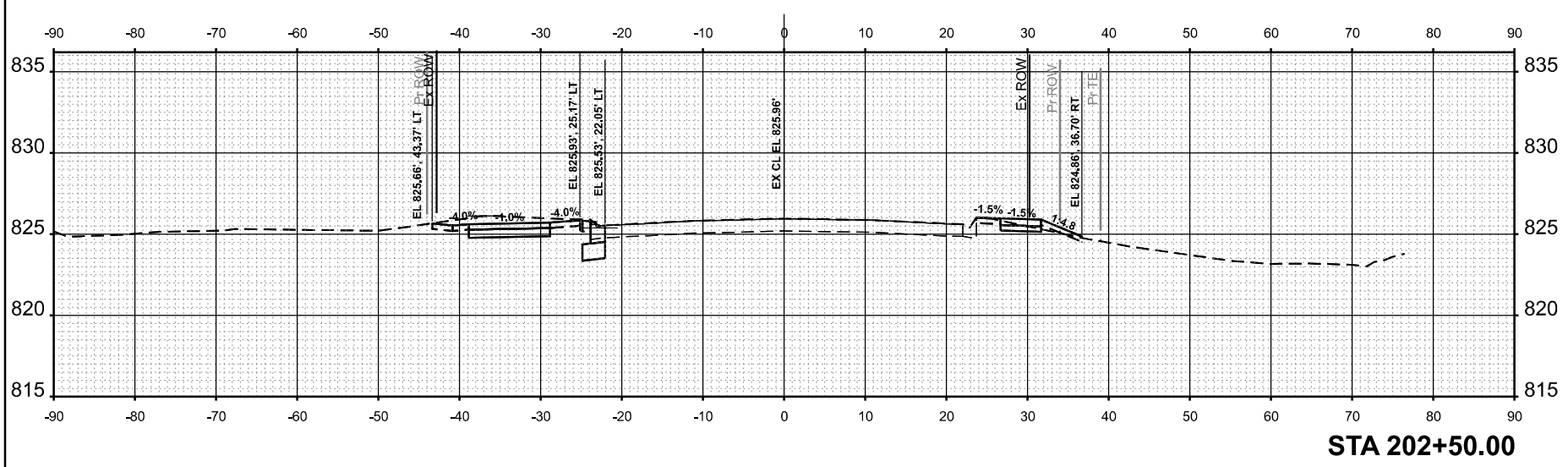
STA 203+25.00



STA 203+00.00



STA 202+70.00



STA 202+50.00

USER NAME = farhan.tariq
PLOT DATE = 2/3/2026

DESIGNED	-	REVISED	-
DRAWN	-	REVISED	-
CHECKED	-	REVISED	-
DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED CROSS SECTIONS (BARTLETT RD.)
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: 1"=10' | SHEET 2 OF 4 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	137

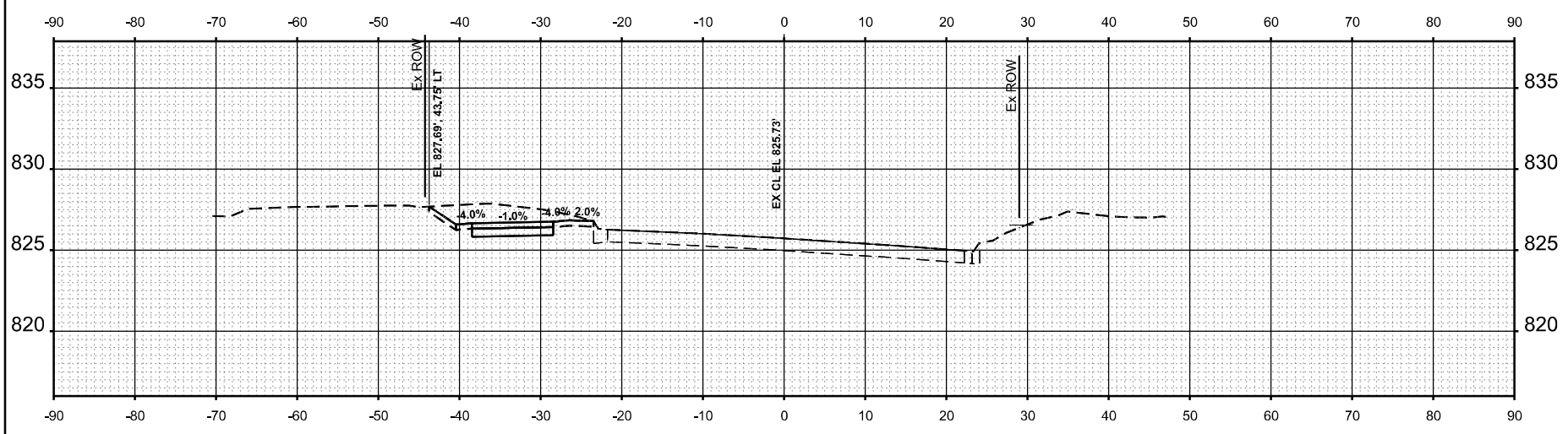
ILLINOIS FED. AID PROJECT

CONTRACT NO. 62P51

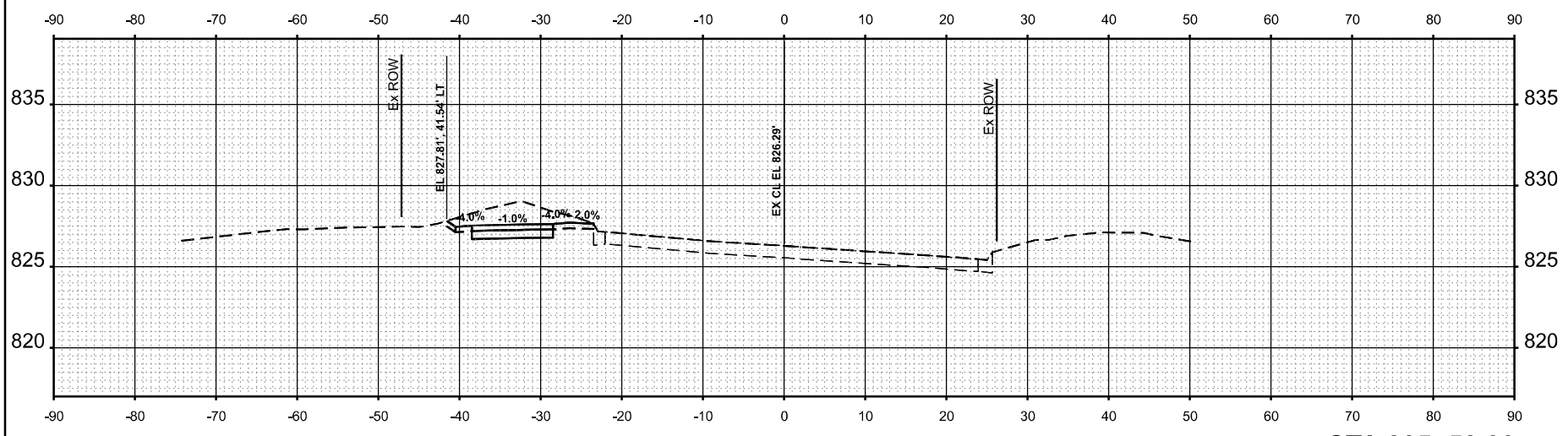
ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

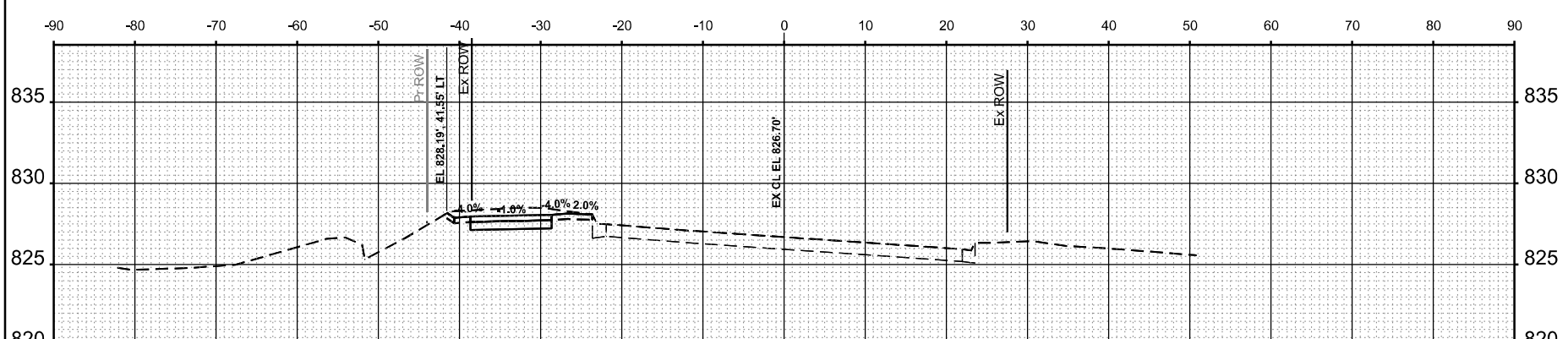
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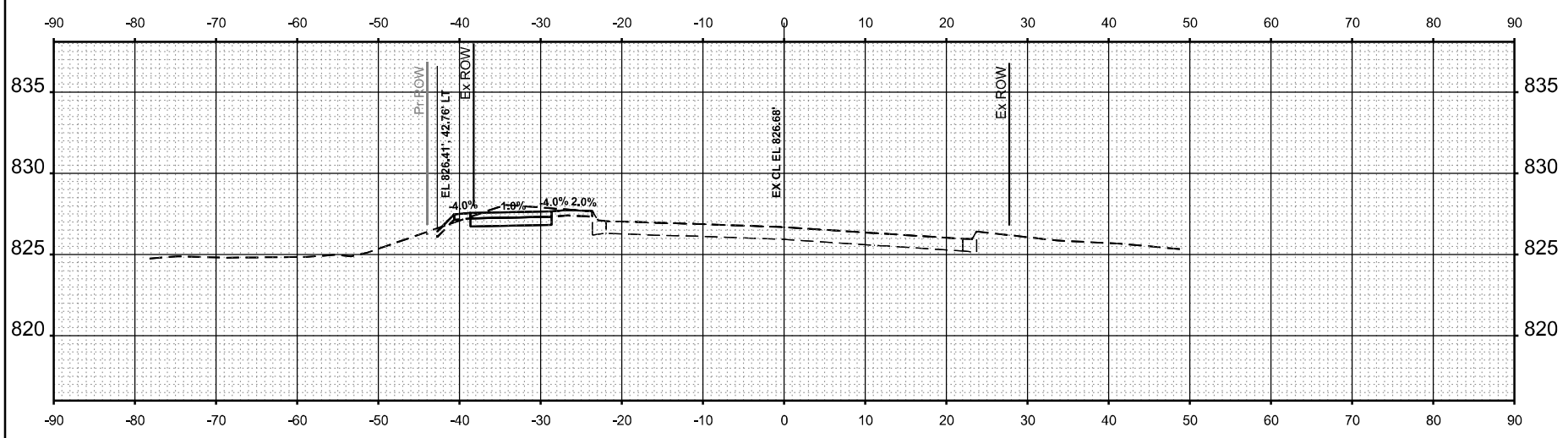
STA 206+00.00



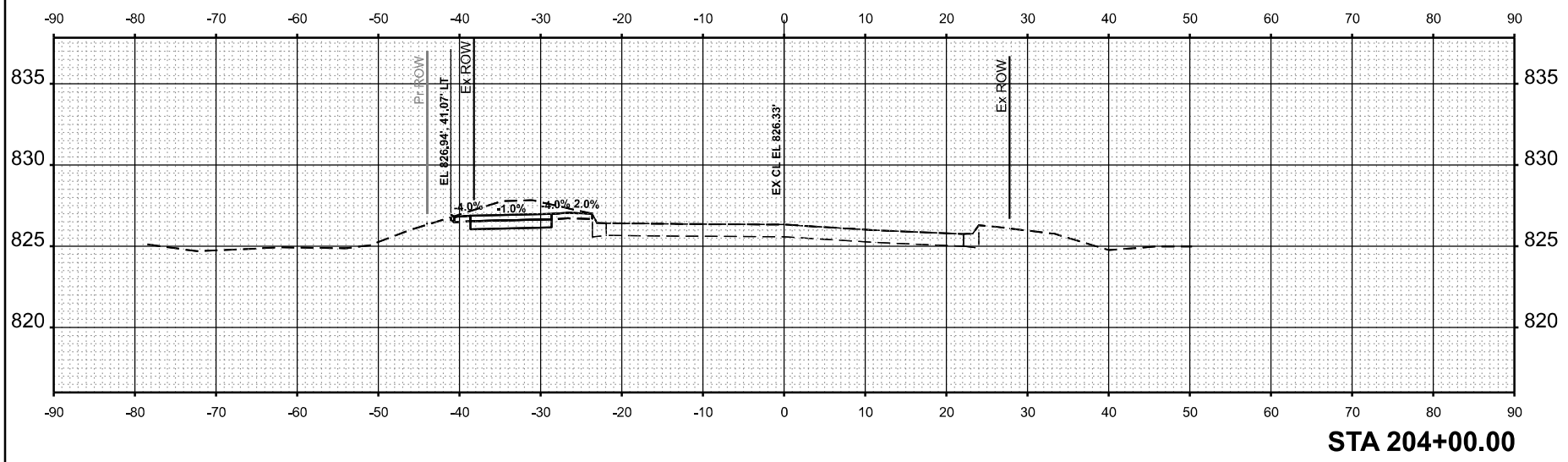
STA 205+50.00



STA 205+00.00



STA 204+50.00



STA 204+00.00

PLOT DATE = 2/3/2026
USER NAME = farhan.tariq

DESIGNED	-	REVISED	-
DRAWN	-	REVISED	-
CHECKED	-	REVISED	-
DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED CROSS SECTIONS (BARTLETT RD.)
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: 1"=10'
SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	138

ILLINOIS FED. AID PROJECT
CONTRACT NO. 62P51

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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USER NAME = farhan.tariq
PLOT DATE = 2/3/2026

DESIGNED	-	REVISED	-
DRAWN	-	REVISED	-
CHECKED	-	REVISED	-
DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED CROSS SECTIONS (BARTLETT RD.)
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

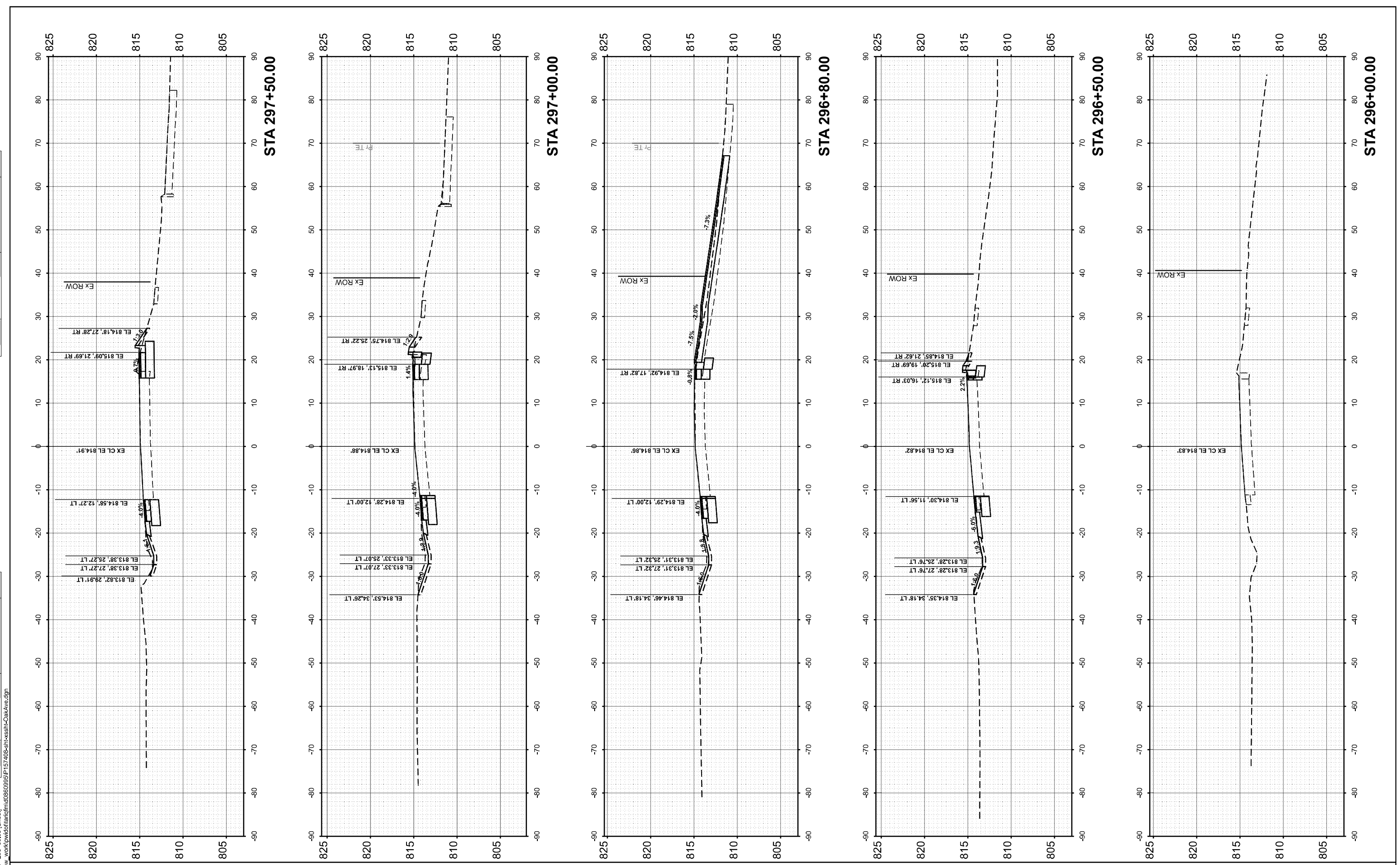
SCALE: 1"=10'

SHEET	OF	SHEETS	STA.
4	4		TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	139

ILLINOIS FED. AID PROJECT

CONTRACT NO. 62P51


STA 297+50.00
STA 297+00.00
STA 296+80.00
STA 296+50.00
STA 296+00.00
Ex ROW
EX CL EL 814.91'
EX CL EL 814.88'
EX CL EL 814.86'
EX CL EL 814.82'
EX CL EL 814.83'
EL 814.18', 27.28' RT
EL 815.09', 21.69' RT
EL 814.58', 12.27' LT
EL 813.38', 25.27' LT
EL 813.38', 27.27' LT
EL 813.82', 29.97' LT
EL 814.75', 25.22' RT
EL 815.13', 18.97' RT
EL 814.28', 12.00' LT
EL 813.33', 25.07' LT
EL 813.33', 27.07' LT
EL 814.53', 34.26' LT
EL 814.92', 17.82' RT
EL 814.29', 12.00' LT
EL 813.31', 25.32' LT
EL 813.31', 27.32' LT
EL 814.46', 34.18' LT
EL 814.85', 21.62' RT
EL 815.20', 19.69' RT
EL 815.12', 16.03' RT
EL 814.30', 11.56' LT
EL 813.28', 25.76' LT
EL 813.28', 27.76' LT
EL 814.35', 34.18' LT
-4.0%
-1.5%
-4.0%
-1.8%
-4.0%
-1.8%
-7.3%
-2.0%
-7.5%
-0.8%
-4.0%
-1.8%
-6.0%
-1.9%
-1.5%
2.2%
1.4%
-1.5%
-1.5%
-1.5

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USER NAME = tarhan.tarhq	DESIGNED -	REVISED -	
PLOT DATE = 3/2/2026	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
	DATE -	REVISED -	
		REVISED - FT. 3/2/2026	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED CROSS SECTIONS (OAK AVE.)
US 20 (LAKE ST.) AT OAK AVE. AND BARTLETT RD.

SCALE: 1"=10' | SHEET 2 OF 2 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2021-133-N	COOK	141	141

ILLINOIS | FED. AID PROJECT
CONTRACT NO. 62P51

ORIGINAL SURVEY
NOTE BOOK
NO.

SURVEYED
PLOTTED
TEMPLATE
AREA
AREAS CHECKED

FINAL SURVEY
NOTE BOOK
NO.

SURVEYED
PLOTTED
TEMPLATE
AREA
AREAS CHECKED

BY
DATE

