

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2019-197-B	COOK	201*	1
		ILLINOIS	CONTRACT NO. 62K70	
* 201 + 21 = 222 TOTAL SHEETS				

**SUBSURFACE UTILITY ENGINEERING (S.U.E.)  
UTILIZED ON THIS PROJECT**

**FOR INDEX OF SHEETS, SEE SHEET NO. 2**

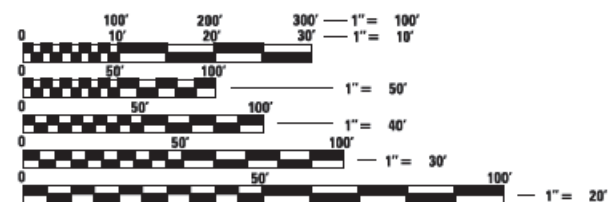
**IMPROVEMENTS LOCATED IN THE VILLAGE OF  
SKOKIE & VILLAGE OF MORTON GROVE**

# PROPOSED HIGHWAY PLANS

**FAU ROUTE 1332 (OAKTON STREET) OVER FAI ROUTE 94  
SECTION 2019-197-B  
PROJECT: 1LU7(347)  
ROADWAY IMPROVEMENT AND  
BRIDGE REPLACEMENT  
COOK COUNTY  
C-91-177-20**

**TRAFFIC DATA:**

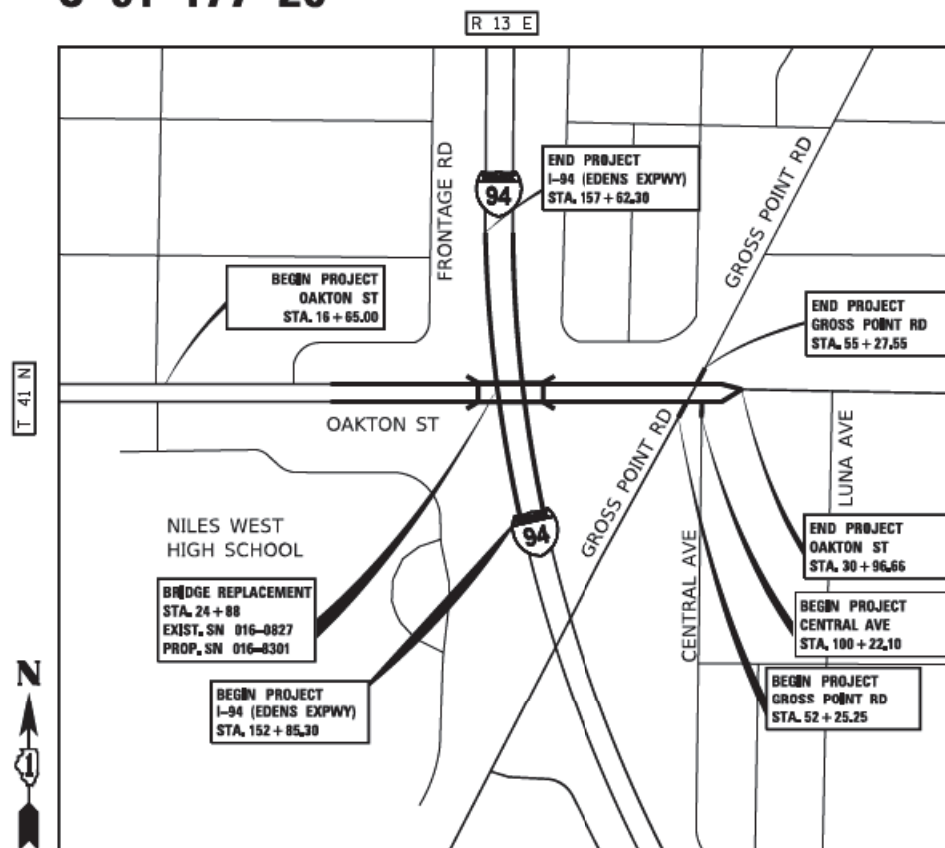
	EXISTING ADT 2016	ADT 2040	DESIGN SPEED	POSTED SPEED
OAKTON STREET (MINOR ARTERIAL) EAST OF GROSS POINT WEST OF GROSS POINT	16,200 28,100	16,300 29,600	35	35
GROSS POINT ROAD NE OF OAKTON (MINOR ARTERIAL) SW OF OAKTON (MAJOR COLLECTOR)	13,100 13,600	15,300 14,300	35	35
I-94 (INTERSTATE)	154,400(2019)	UNKNOWN	55	55



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 EXCAVATORS  
1-800-892-0123  
OR 811

**MEADE ELECTRIC CO. DISTRICT ONE ELECTRICAL**  
MAINTENANCE CONTRACTOR LOCATES IDOT  
ELECTRICAL EQUIPMENT AND UNDERGROUND CABLES  
773-287-7672



**NILES TOWNSHIP  
LOCATION MAP  
N.T.S.**

GROSS LENGTH = 1058.66 FT. = 0.20 MILE

NET LENGTH = 1058.66 FT. = 0.20 MILE

**PROJECT ENGINEER - FIRAS UDDIN (847) 705-4552**  
**PROJECT MANAGER - MATTHEW ROTHENBERG, PE (847) 705-4230**

**CONTRACT NO. 62K70**

**PLANS PREPARED BY:**



	ATLAS ENGINEERING GROUP, LTD. Date: 08-16-2023 <i>Behzad Amini</i> Behzad Amini Expires: 11-30-2023 Sheet No.: 56-60, 63-80, 85-86, 166-201.
	ATLAS ENGINEERING GROUP, LTD. Date: 08-16-2023 <i>Mehmet Basar Civelek</i> Mehmet Basar Civelek Expires: 11-30-2024 Sheet No.: 81-84, 125-165.
	ATLAS ENGINEERING GROUP, LTD. Date: 08-16-2023 <i>Christopher M. Prospero</i> CHRISTOPHER M. PROSPERO Expires: 11-30-2023 Sheet No.: 1-14.
	BAXTER & WOODMAN CONSULTING ENGINEERS Date: 08-16-2023 <i>Amanda K. Sramek</i> AMANDA K. SRAMEK Expires: 11-30-2023 Sheet No.: 45-54, 55, 87.
	SINGH & ASSOCIATES, INC. Date: 08-16-2023 <i>Rakesh Kumar D. Patel</i> RASHESHKUMAR D. PATEL Expires: 11-30-2023 Sheet No.: 107-124, 124A-124T
	HANSON PROFESSIONAL SERVICES, INC. Date: 08-16-2023 <i>Todd Artz</i> TODD ARTZ Expires: 11-30-2023 Sheet No.: 88-106.



LOCATION OF SECTION INDICATED THUS: - [black rectangle] -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED *August 17, 2023*

*Gene Bin*  
REGIONAL ENGINEER

October 13, 2023  
*John A. Elk*

October 13, 2023  
*Steph McNeill*  
ENGINEER OF DESIGN AND ENVIRONMENT

October 13, 2023  
*Steph McNeill*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**

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201A	

**LIST OF IDOT HIGHWAY STANDARDS**

STANDARD NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-10	PAVEMENT JOINTS
420401-13	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-05	DIAGONAL CURB RAMPS FOR SIDEWALKS/ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
424026-03	ENTRANCE/ALLEY PEDESTRIAN CROSSING
515001-04	NAME PLATE FOR BRIDGES
542001-06	CONCRETE END SECTIONS FOR PIPE CULVERTS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
601001-05	PIPE UNDERDRAINS
601101-02	CONCRETE HEADWALLS FOR PIPE UNDERDRAINS
602001-02	CATCH BASIN TYPE A
602301-04	INLET TYPE A
604001-05	FRAME AND LIDS, TYPE 1
604091-05	FRAME AND GRATE TYPE 24
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
630001-12	STEEL PLATE BEAM GUARDRAIL
630116	BACK SIDE PROTECTION OF GUARDRAIL
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-18	TRAFFIC BARRIER TERMINAL, TYPE 6
642006-01	SHOULDER RUMBLE STRIPS, 8 IN.
664001-02	CHAIN LINK FENCE
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
701400-11	APPROACH TO LANE CLOSURE, FREEWAY / EXPRESSWAY
701401-13	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≥ 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH
701428-01	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY / EXPRESSWAY
701446-11	TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN

**LIST OF IDOT HIGHWAY STANDARDS (CONTINUED)**

STANDARD NO.	DESCRIPTION
701611-01	URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
720016-04	MAST ARM MOUNTED STREET NAME SIGNS
720021-03	SIGN PANELS EXTRUDED ALUMINUM TYPE
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782001-01	CURB REFLECTORS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
812001-01	RACEWAYS EMBEDDED IN STRUCTURE
814001-03	HANDHOLES
814006-03	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877001-08	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-11	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS

**LIST OF DISTRICT 1 STANDARD DRAWINGS**

STANDARD NO.	DESCRIPTION
BD-03	OUTLET FOR CONCRETE CURB AND GUTTER
BD-07	STORM SEWER CONNECTION TO EXISTING SEWER
BD-12	MANHOLE WITH RESTRICTOR PLATE
BD-24	CURB OR CURB & GUTTER REMOVAL & REPLACEMENT
BD-27	CONCRETE BARRIER TRANSITION & GENERAL DETAILS, CONCRETE BARRIER BASE
BD-29	CONCRETE BARRIER PIER AND SLOPE WALL PROTECTION DETAIL
BD-32	BUTT JOINT & HMA TAPER DETAILS
BD-34	DETAILS FOR DEPRESSED CURB & GUTTER AND SHOULDER TREATMENT AT TBT TY.1 SPL.
BD-51	BENCHING DETAIL FOR EMBANKMENT WIDENING
BE-215	LIGHTING CONTROLLER SINGLE DOOR
BE-220	ELECTRIC SERVICE INSTALLATION AERIAL, REMOTE DISCONNECT
BE-240	COMBINATION LIGHTING, TRAFFIC SIGNAL SCHEMATIC
BE-305	LIGHT POLE FOUNDATION, METAL
BE-400	ALUMINUM LIGHT POLE 47'-6" (14.478 M) MOUNTING HEIGHT
BE-701	LUMINAIRE SAFETY CABLE ASSEMBLY
BE-702	MISC. ELECTRICAL DETAILS SHEET A
BE-901	SUSPENDED MOUNT LED UNDERPASS LUMINAIRE INSTALLATION DETAILS
TC-08	ENTRANCE AND EXIT RAMP CLOSURE DETAILS
TC-09	TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE WEAVE
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
TC-11	D1 TYPICAL RAISED REFLECTIVE PAVEMENT MARKINGS
TC-12	MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS
TC-13	D1 TYPICAL PAVEMENT MARKINGS
TC-14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC-16	SHORT-TERM PAVEMENT MARKING LETTERS AND SYMBOLS
TC-17	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES
TC-18	FREEWAY / EXPRESSWAY SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS ON FREEWAYS / EXPRESSWAYS
TC-21	DETOUR SIGNING FOR CLOSING STATE HIGHWAYS
TC-22	ARTERIAL ROAD INFORMATION SIGN
TC-25	TRAFFIC CONTROL DETAILS FOR FREEWAY CENTER LANE CLOSURE SHOULDER LANE
TS-02	DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS
TS-03	HANDHOLE TO INTERCEPT EXISTING CONDUIT
TS-05	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS (7 SHEETS)
TS-07	DISTRICT 1- DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>INDEX OF SHEETS, IDOT HIGHWAY STANDARDS &amp; DISTRICT 1 STANDARD DRAWINGS</b>			
SCALE: N.T.S.	SHEET 1	OF 2 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2019-197-B	COOK	201	2
CONTRACT NO. 62K70				
ILLINOIS FED. AID PROJECT				





CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE		
				<del>80% FED 20% STATE</del>	<del>80% FED 20% STATE</del>	<del>80% FED 20% STATE</del>	<del>80% FED 20% STATE</del>	<del>80% FED 20% STATE</del>	<del>80% FED 20% STATE</del>	90% FED 10% STATE		
				CONSTRUCTION CODE								90% FED 10% STATE
				ROADWAY 0004 URBAN	BRIDGE 0010 016-8301	ROADWAY LIGHTING 0021 URBAN	TRAFFIC SIGNALS 0021 URBAN	100% MORTON GROVE EVP 0021 URBAN	TRAFFIC SIGNAL INTERCONNECT 0021 URBAN	RETAINING WALL 0044 016-Z064	ITS 0044 URBAN	
35300500	PORTLAND CEMENT CONCRETE BASE COURSE 10"	SQ YD	79	79								
35501311	HOT-MIX ASPHALT BASE COURSE, 6 3/4"	SQ YD	3,827	3,827								
40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	SQ YD	113	113								
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	9,855	9,855								
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	5,385	5,385								
40600370	LONGITUDINAL JOINT SEALANT	FOOT	4,826	4,826								
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	11	11								
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	101	101								
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, 1L-4.75, N50	TON	151	151								
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N90	TON	483	483								
40604060	HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "D", N50	TON	62	62								
40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80	TON	778	778								
42000080	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	SQ YD	217	217								
42001300	PROTECTIVE COAT	SQ YD	1,496	1,496								

\* = SPECIAL PROVISION  
 \*\* = SPECIALTY ITEM  
 \*\*\* = SPECIAL PROVISION & SPECIALTY ITEM

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 SHEET: 3 OF 21  
 DATE: 08/11/2023

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	PLOT SCALE = 100,000' / in.	CHECKED - CMP	REVISED -					1332	2019-197-B	COOK	201	6
PLOT DATE = 8/25/2023	DATE - 08/11/2023	REVISED -			SCALE: N.T.S.	SHEET 3	OF 21 SHEETS	STA.	TO STA.	CONTRACT NO. 62K70		
ILLINOIS FED. AID PROJECT												



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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
				<del>80% FED 20% STATE</del>	<del>80% FED 20% STATE</del>	<del>80% FED 20% STATE</del>	<del>80% FED 20% STATE</del>	<del>80% FED 20% STATE</del>	<del>80% FED 20% STATE</del>	90% FED 10% STATE
				ROADWAY 0004 URBAN	BRIDGE 0010 016-8301	ROADWAY LIGHTING 0021 URBAN	TRAFFIC SIGNALS 0021 URBAN	100% MORTON GROVE EVP 0021 URBAN	TRAFFIC SIGNAL INTERCONNECT 0021 URBAN	RETAINING WALL 0044 016-Z064
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1					
50105220	PIPE CULVERT REMOVAL	FOOT	37	37						
50157300	PROTECTIVE SHIELD	SQ YD	885		885					
50200100	STRUCTURE EXCAVATION	CU YD	1,125	19	1,106					
50300225	CONCRETE STRUCTURES	CU YD	357.7		357.7					
50300255	CONCRETE SUPERSTRUCTURE	CU YD	721.7		721.7					
50300260	BRIDGE DECK GROOVING	SQ YD	2,228		2,228					
50300300	PROTECTIVE COAT	SQ YD	3,033		3,033					
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	248.7		248.7					
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1		1					
50500505	STUD SHEAR CONNECTORS	EACH	8,070		8,070					
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	338,450		338,450					
50800515	BAR SPLICERS	EACH	1,313		1,313					
50800530	MECHANICAL SPLICERS	EACH	10		10					

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 \*\* = SPECIALTY ITEM  
 \*\*\* = SPECIAL PROVISION & SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
				<del>80% FED 20% STATE</del>	<del>80% FED 20% STATE</del>	<del>80% FED 20% STATE</del>	<del>80% FED 20% STATE</del>	100% MORTON GROVE	<del>80% FED 20% STATE</del>	<del>80% FED 20% STATE</del>	90% FED 10% STATE
				ROADWAY 0004 URBAN	BRIDGE 0010 016-8301	ROADWAY LIGHTING 0021 URBAN	TRAFFIC SIGNALS 0021 URBAN	EVP 0021 URBAN	TRAFFIC SIGNAL INTERCONNECT 0021 URBAN	RETAINING WALL 0044 016-Z064	ITS 0044 URBAN
** 50901720	BICYCLE RAILING	FOOT	107	107							
** 50901739	BRIDGE FENCE RAILING, CURVED	FOOT	568		568						
** 50901750	PARAPET RAILING	FOOT	287		287						
51100100	SLOPE WALL 4 INCH	SQ YD	774		774						
** 51200961	FURNISHING METAL SHELL PILES 16" X 0.312"	FOOT	2,893		2,893						
** 51202305	DRIVING PILES	FOOT	2,893		2,893						
** 51203200	TEST PILE METAL SHELLS	EACH	3		3						
** 51500100	NAME PLATES	EACH	1		1						
52100520	ANCHOR BOLTS, 1"	EACH	40		40						
52100530	ANCHOR BOLTS, 1 1/2"	EACH	40		40						
52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	1,850		1,850						
52200800	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	208	208							
542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	25	25							
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	5	5							

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	PLOT SCALE = 100,000' / in.	DRAWN - CVP	REVISED -
	PLOT DATE = 8/25/2023	CHECKED - CMP	REVISED -
		DATE - 08/11/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET 6 OF 21 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2019-197-B	COOK	201	9
CONTRACT NO. 62K70				
ILLINOIS FED. AID PROJECT				









CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	CONSTRUCTION CODE			90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
				<del>80% FED 20% STATE</del>	<del>80% FED 20% STATE</del>	<del>80% FED 20% STATE</del>	<del>80% FED 20% STATE</del>	100% MORTON GROVE	<del>80% FED 20% STATE</del>	<del>80% FED 20% STATE</del>	90% FED 10% STATE	ITS	
				ROADWAY 0004 URBAN	BRIDGE 0010 016-8301	ROADWAY LIGHTING 0021 URBAN	TRAFFIC SIGNALS 0021 URBAN	EVP 0021 URBAN	TRAFFIC SIGNAL INTERCONNECT 0021 URBAN	RETAINING WALL 0044 016-Z064	ITS 0044 URBAN		
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	4,723	4,723									
66400305	CHAIN LINK FENCE, 6'	FOOT	453	453									
*** 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	2,820	2,820									
*** 66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5									
*** 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	12	12									
67100100	MOBILIZATION	L SUM	1	1									
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	240	240									
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	974	974									
70300100	SHORT TERM PAVEMENT MARKING	FOOT	55,762	55,762									
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	26,556	26,556									
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS-PAINT	SQ FT	200	200									
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	53,082	53,082									
70300231	TEMPORARY PAVEMENT MARKING - LINE 5"- PAINT	FOOT	1,000	1,000									

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	PLOT SCALE = 100.0000' / in.	DRAWN - CVP	REVISED -
	PLOT DATE = 8/25/2023	CHECKED - CMP	REVISED -
		DATE - 08/11/2023	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET 10 OF 21 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2019-197-B	COOK	201	13
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62K70	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
				<del>80% FED 20% STATE</del>	<del>80% FED 20% STATE</del>	<del>80% FED 20% STATE</del>	<del>80% FED 20% STATE</del>	100% MORTON GROVE	<del>80% FED 20% STATE</del>	<del>80% FED 20% STATE</del>	90% FED 10% STATE
				ROADWAY 0004 URBAN	BRIDGE 0010 016-8301	ROADWAY LIGHTING 0021 URBAN	TRAFFIC SIGNALS 0021 URBAN	EVP 0021 URBAN	TRAFFIC SIGNAL INTERCONNECT 0021 URBAN	RETAINING WALL 0044 016-Z064	ITS 0044 URBAN
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	1,119	1,119							
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	57	57							
70307100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE	SQ FT	504	504							
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	12,706	12,706							
70307125	TEMPORARY PAVEMENT MARKING - LINE 5" - TYPE IV TAPE	FOOT	4,600	4,600							
70307130	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	1,126	1,126							
70307160	TEMPORARY PAVEMENT MARKING - LINE 12"- TYPE IV TAPE	FOOT	165	165							
70307210	TEMPORARY PAVEMENT MARKING - LINE 24"- TYPE IV TAPE	FOOT	194	194							
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1,800	1,800							
70400125	PINNING TEMPORARY CONCRETE BARRIER	EACH	336	336							
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	3,075	3,075							
70600251	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	2							
70600255	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	2	2							
70600322	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	2	2							

- \* = SPECIAL PROVISION
- \*\* = SPECIALTY ITEM
- \*\*\* = SPECIAL PROVISION & SPECIALTY ITEM

MODEL: D:\p\p\1101101101.DS\_20171101\_CAD3\_Sheets\01\_Contract\1101101101.dgn  
 FILE NAME: p\1101101101.dwg  
 USER: cpejari

<b>AEG ATLAS ENGINEERING GROUP, LTD.</b>	USER NAME = cpejari	DESIGNED - CVP	REVISED - ADDENDUM $\Delta$ 11/07/2023
	PLOT SCALE = 100.0000' / in.	DRAWN - CVP	REVISED -
	PLOT DATE = 8/25/2023	CHECKED - CMP	REVISED -
		DATE - 08/11/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: N.T.S.    SHEET 11 OF 21 SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2019-197-B	COOK	201	14
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62K70	



MODEL: Defect  
 FILE NAME: p:\projects\62k70\62k70.dwg  
 PROJECT: 62K70  
 SHEET: 13  
 DATE: 08/11/2023

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							90% FED 10% STATE	
				ROADWAY	BRIDGE	ROADWAY LIGHTING	TRAFFIC SIGNALS	EVP	TRAFFIC SIGNAL INTERCONNECT	RETAINING WALL		
				0004	0010	0021	0021	0021	0021	0044		
				URBAN	016-8301	URBAN	URBAN	URBAN	URBAN	016-Z064	URBAN	
** 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	938	938								
** 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	342	342								
** 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,243	1,243								
** 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	254	254								
** 78004625	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 5"	FOOT	2,320	2,320								
** 78004635	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 7"	FOOT	160	160								
** 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	37	37								
** 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	1,665	1,665								
** 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	140	140								
** 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	39	39								
** 78011030	GROOVING FOR RECESSED PAVEMENT MARKING 6"	FOOT	2,320	2,320								
** 78011040	GROOVING FOR RECESSED PAVEMENT MARKING 8"	FOOT	160	160								
** 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	433	433								
78100200	TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	EACH	209	209								

\* = SPECIAL PROVISION  
 \*\* = SPECIALTY ITEM  
 \*\*\* = SPECIAL PROVISION & SPECIALTY ITEM





CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							90% FED 10% STATE
				ROADWAY	BRIDGE	ROADWAY LIGHTING	TRAFFIC SIGNALS	EVP	TRAFFIC SIGNAL INTERCONNECT	RETAINING WALL	
				0004 URBAN	0010 016-8301	0021 URBAN	0021 URBAN	0021 MORTON GROVE URBAN	0021 URBAN	0044 016-Z064	
** 81300830	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 8"	EACH	1			1					
** 81400100	HANDHOLE	EACH	4				3		1		
** 81400200	HEAVY-DUTY HANDHOLE	EACH	4				4				
** 81400300	DOUBLE HANDHOLE	EACH	4				4				
** 81603051	UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	1,815			1,815					
** 81603090	UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	100			100					
** 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	2,050			2,050					
** 81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	330			330					
** 82110008	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	12			12					
** 82110026	LUMINAIRE, LED, UNDERPASS, SUSPENDED, OUTPUT DESIGNATION D	EACH	8			8					
** 82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	1			1					
** 83050800	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 12 FT. MAST ARM	EACH	7			7					
** 83600365	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 10" X 8"	EACH	7			7					
** 83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	7			7					

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MODEL: Defect  
FILE NAME: p:\projects\2023\62K70\62K70.dwg  
PROJECT: 62K70  
SHEET: 15

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							90% FED 10% STATE	
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE		
				<del>80% FED 20% STATE</del>	<del>80% FED 20% STATE</del>	<del>80% FED 20% STATE</del>	<del>80% FED 20% STATE</del>	100% MORTON GROVE	<del>80% FED 20% STATE</del>	<del>80% FED 20% STATE</del>		
				ROADWAY 0004 URBAN	BRIDGE 0010 016-8301	ROADWAY LIGHTING 0021 URBAN	TRAFFIC SIGNALS 0021 URBAN	EVP 0021 URBAN	TRAFFIC SIGNAL INTERCONNECT 0021 URBAN	RETAINING WALL 0044 016-Z064	ITS 0044 URBAN	
** 84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	3			3						
84200804	REMOVAL OF POLE FOUNDATION	EACH	3			3						
** 84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1								1	
*** 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1						1			
** 86400100	TRANSCEIVER - FIBER OPTIC	EACH	1						1			
** 87301205	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 1C	FOOT	1,604						1,604			
** 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2,946				2,946					
** 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	3,582				3,582					
** 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3,585				3,585					
** 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2,713				2,713					
** 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	3,238				3,238					
** 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	120				120					
** 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,314				1,314					
** 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	6				6					
** 87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	2				2					

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MODEL: Defect; FILE NAME: p:\projects\62k70\62k70\62k70.dwg

	USER NAME = cpufari	DESIGNED - CVP	REVISED - ADDENDUM 11/07/2023
	PLOT SCALE = 100,000' / in.	DRAWN - CVP	REVISED -
	PLOT DATE = 8/25/2023	CHECKED - CMP	REVISED -
		DATE - 08/11/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET 16 OF 21 SHEETS STA. TO STA.

F.A.U. RTE. 1332	SECTION 2019-197-B	COUNTY COOK	TOTAL SHEETS 201	SHEET NO. 19
ILLINOIS FED. AID PROJECT				CONTRACT NO. 62K70

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							90% FED 10% STATE ITS 0044 URBAN
				ROADWAY	BRIDGE	ROADWAY LIGHTING	TRAFFIC SIGNALS	EVP	TRAFFIC SIGNAL INTERCONNECT	RETAINING WALL	
				0004	0010	0021	0021	0021	0021	0044	
				URBAN	016-8301	URBAN	URBAN	URBAN	URBAN	016-Z064	
** 87703000	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 55 FT.	EACH	1				1				
** 87704405	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 34 FT. AND 55 FT.	EACH	1				1				
** 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	28				28				
** 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4				4				
** 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	57				57				
** 87900205	DRILL EXISTING HEAVY DUTY HANDHOLE	EACH	1								1
** 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	5				5				
** 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	5				5				
** 88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	5				5				
** 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	3				3				
** 88055150	OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2				2				
** 88055160	OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	3				3				
** 88055200	OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1				1				
** 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	14				14				
** 88200310	TRAFFIC SIGNAL BACKPLATE, LOUVERED, PLASTIC	EACH	13				13				

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MODEL: Defect  
 FILE NAME: p:\projects\2023\62K70\Drawings\62K70-Submittals.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							90% FED 10% STATE
				ROADWAY	BRIDGE	ROADWAY LIGHTING	TRAFFIC SIGNALS	EVP	TRAFFIC SIGNAL INTERCONNECT	RETAINING WALL	
				0004	0010	0021	0021	0021	0021	0044	
				URBAN	URBAN	URBAN	URBAN	URBAN	016-Z064	URBAN	
** 88600100	DETECTOR LOOP, TYPE I	FOOT	1,526				1,526				
** 88700200	LIGHT DETECTOR	EACH	3					3			
** 88700300	LIGHT DETECTOR AMPLIFIER	EACH	1					1			
** 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1				1				
** 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	3,208						3,208		
** 89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	2,100								2,100
** 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1				1				
*** 89502376	REBUILD EXISTING HANDHOLE	EACH	1								1
** 89502380	REMOVE EXISTING HANDHOLE	EACH	10				10				
** 89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	3				3				
** 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9				9				
** A2002008	TREE, AESCULUS FLAVEA (YELLOW SWEET BUCKEYE), 2" CALIPER, BALLED AND BURLAPPED	EACH	3	3							
** A2002879	TREE, CELTIS OCCIDENTALIS CHICAGOLAND, (CHICAGOLAND COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED	EACH	3	3							
** A2005670	TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 8' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	2	2							
** A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	3	3							
** A2006816	TREE, QUERCUS MUEHLENBERGII (CHINKAPIN OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	3	3							

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MODEL: Defect  
 FILE NAME: p:\projects\2023\11\11001\_05\_007119\_CAD\11\_Sheets\01\_General\0162K70.dwg

<b>AEG ATLAS ENGINEERING GROUP, LTD.</b>	USER NAME = cpufari	DESIGNED - CVP	REVISED - ADDENDUM $\Delta$ 11/07/2023
	PLOT SCALE = 100.0000 ' / in.	DRAWN - CVP	REVISED -
	PLOT DATE = 8/25/2023	CHECKED - CMP	REVISED -
		DATE - 08/11/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET 18 OF 21 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2019-197-B	COOK	201	21
CONTRACT NO. 62K70				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							90% FED 10% STATE ITS 0044 URBAN
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	
				<del>80% FED 20% STATE</del>	<del>80% FED 20% STATE</del>	<del>80% FED 20% STATE</del>	<del>80% FED 20% STATE</del>	100% MORTON GROVE	<del>80% FED 20% STATE</del>	<del>80% FED 20% STATE</del>	
				ROADWAY 0004 URBAN	BRIDGE 0010 016-8301	ROADWAY LIGHTING 0021 URBAN	TRAFFIC SIGNALS 0021 URBAN	EVP 0021 URBAN	TRAFFIC SIGNAL INTERCONNECT 0021 URBAN	RETAINING WALL 0044 016-Z064	
** A2007616	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 2" CALIPER, BALLED AND BURLAPPED	EACH	3	3							
** A2016616	TREE, QUERCUS ELLIPSOIDALIS (HILL'S OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	2	2							
** B2010070	TREE, CLADRASTIS KENTUCKEA (AMERICAN YELLOWWOOD), 2" CALIPER, BALLED AND BURLAPPED	EACH	2	2							
** C2000536	SHRUB, ARONIA MELANOCARPA (BLACK CHOKE BERRY), 3' HEIGHT, BALLED AND BURLAPPED	EACH	80	80							
** C2006024	SHRUB, RHUS TYPHINA (STAGHORN SUMAC), 2' HEIGHT, BALLED AND BURLAPPED	EACH	130	130							
** X2010106	TREE REMOVAL (UNDER 6 UNITS DIAMETER)	UNIT	16	16							
*** X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	434					434			
*** X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	100						100		
*** X0325922	CELLULAR MODEM	EACH	1								1
* X0327993	STAIRCASE REMOVAL	L SUM	1	1							
*** X0327616	MAINTAINING ITS DURING CONSTRUCTION	CAL MO	12								12
*** X1400108	FULL-ACTUATED CONTROLLER AND TYPE SUPER R CABINET (SPECIAL)	EACH	1				1				
*** X1400012	REMOVE AND REINSTALL FIBER OPTIC CABLE IN CONDUIT	FOOT	47,240								47,240
*** X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1				1				
*** X1400106	WIRELESS VEHICLE DETECTION SYSTEM	EACH	1								1
* X1400268	REMOVAL OF LIGHTING LUMINAIRE, SALVAGE	EACH	3			3					
*** X1400256	JUNCTION, BOX TYPE J, 41" X 12" X 9"	EACH	1								1
*** X1400367	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	6				6				
* X2010400	STUMP REMOVAL ONLY	UNIT	7	7							

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MODEL: D:\proj\...  
FILE NAME: ...  
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<b>AEG ATLAS ENGINEERING GROUP, LTD.</b> USER NAME = cpujari PLOT SCALE = 100.0000' / in. PLOT DATE = 8/25/2023	DESIGNED - CVP	REVISED - ADDENDUM 11/07/2023	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b> SCALE: N.T.S. SHEET 19 OF 21 SHEETS STA. TO STA.				F.A.U. RTE. 1332	SECTION 2019-197-B	COUNTY COOK	TOTAL SHEETS 201	SHEET NO. 22
	DRAWN - CVP	REVISED -						ILLINOIS FED. AID PROJECT				
	CHECKED - CMP	REVISED -						CONTRACT NO. 62K70				
DATE - 08/11/2023	REVISED -											

REV-SEP

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
				<del>80% FED 20% STATE</del>	<del>80% FED 20% STATE</del>	<del>80% FED 20% STATE</del>	<del>80% FED 20% STATE</del>	100% MORTON GROVE	<del>80% FED 20% STATE</del>	<del>80% FED 20% STATE</del>	90% FED 10% STATE
				ROADWAY 0004	BRIDGE 0010	ROADWAY LIGHTING 0021	TRAFFIC SIGNALS 0021	EVP 0021	TRAFFIC SIGNAL INTERCONNECT 0021	RETAINING WALL 0044	ITS 0044
				URBAN	016-8301	URBAN	URBAN	URBAN	URBAN	016-Z064	URBAN
* X4402805	ISLAND REMOVAL	SQ FT	188	188							
** X5091765	PIPE HANDRAIL (SPECIAL)	FOOT	111	111							
*** X5211625	HIGH LOAD MULTI-ROTATIONAL BEARINGS, DISC, GUIDED EXPANSION-500K	EACH	10		10						
* X5509900	ABANDON AND FILL EXISTING STORM SEWER	FOOT	50	50							
* X6020094	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1	1							
* X6420002	FILLING EXISTING RUMBLE STRIP	FOOT	4,725	4,725							
* X6640300	CHAIN LINK FENCE REMOVAL	FOOT	<del>532</del> 592	<del>532</del> 592							
* X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	24	24							
* X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1							
* X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1							
* X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	240	240							
*** X7200075	REMOVE AND REINSTALL SIGN PANEL	SQ FT	6	6							
*** X8100863	INTERCEPT EXISTING CONDUIT	EACH	1	2					1		1
*** X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1			1					
X7830050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	660	660							
*** X7830052	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REPLACEMENT	EACH	660	660							

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MODEL: D:\p\proj\110119\_CAD\3\_Sheets\01\_Contract\11011901.DS\_2017119\_CAD\3\_Sheets\01\_Contract\11011901-9h-pave.dgn  
 PLOT NAME: p\11011901-9h-pave.dgn

<b>AEG ATLAS ENGINEERING GROUP, LTD.</b>	USER NAME = cpujari	DESIGNED - CVP	REVISED - ADDENDUM <sup>1</sup> 11/07/2023
	PLOT SCALE = 100.0000' / in.	DRAWN - CVP	REVISED -
	PLOT DATE = 8/25/2023	CHECKED - CMP	REVISED -
		DATE - 08/11/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET 20 OF 21 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2019-197-B	COOK	201	23
			CONTRACT NO. 62K70	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							90% FED 10% STATE ITS 0044 URBAN	
				ROADWAY 0004 URBAN	BRIDGE 0010 016-8301	ROADWAY LIGHTING 0021 URBAN	TRAFFIC SIGNALS 0021 URBAN	MORTON GROVE EVP 0021 URBAN	TRAFFIC SIGNAL INTERCONNECT 0021 URBAN	RETAINING WALL 0044 016-Z064		
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE			
*** X8420111	REMOVAL OF UNDERPASS LIGHTING UNIT, NO SALVAGE	EACH	2			2						
*** X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1				1					
*** X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	1,604						1604			
*** X8710306	FIBER OPTIC CABLE SPLICE - MAINLINE	EACH	2									2
*** X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	14				14					
* X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	24				24					
*** X8950212	MODIFY EXISTING CONTROLLER CABINET (SPECIAL)	EACH	1									1
* X5030226	CONCRETE STRUCTURE (SPECIAL)	L SUM	1	1								
* Z0004552	APPROACH SLAB REMOVAL	SQ YD	378	378								
* Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1								
* Z0018002	DRAINAGE SCUPPERS, DS-11	EACH	4		4							
* Z0029604	HEADWALL REMOVAL	EACH	3	3								
* Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	103	103								
*** Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	12			12						
*** Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MD	12			12						
*** Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1						1			
* Z0042300	PORTLAND CEMENT CONCRETE SIDEWALK CURB	FOOT	211	211								
*** Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2				2					
Ø Z0076600	TRAINEES	HOURS	2,500	2,500								
Ø Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOURS	2,500	2,500								

\* = SPECIAL PROVISION  
 \*\* = SPECIALTY ITEM  
 \*\*\* = SPECIAL PROVISION & SPECIALTY ITEM

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<b>AEG ATLAS ENGINEERING GROUP, LTD.</b>	USER NAME = cpjbr1	DESIGNED - CVP	REVISED - ADDENDUM Δ 11/07/2023
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	PLOT DATE = 02/2/2023	CHECKED - CMP	REVISED -
		DATE = 08/11/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET 21 OF 21 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2019-197-R	COOK	201	24
CONTRACT NO. 62K70				
ILLINOIS FED. AID PROJECT				





CODE NO.	ITEM			UNIT
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)			UNIT
STA	OFFSET	LT/RT	QUANTITY	
OAKTON ST				
20+72	42	RT	8	
21+02	42	RT	6	
22+48	72	RT	8	
TOTAL :				22

CODE NO.	ITEM			UNIT
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)			UNIT
STA	OFFSET	LT/RT	QUANTITY	
OAKTON ST				
23+22	52	LT	28	
23+17	45	RT	36	
23+42	57	RT	30	
26+51	60	LT	20	
TOTAL:				114

CODE NO.	ITEM			UNIT
20100500	TREE REMOVAL, ACRES			ACRES
STA	STA	OFFSET	LT/RT	QUANTITY
OAKTON ST				
25+52	28+20	33'-233'	RT	0.66
23+57	24+23	34'	LT	0.17
23+45	24+44	111'	RT	0.16
25+39	26+22	79'-81'	LT	0.09
TOTAL:				1.25

CODE NO.	ITEM			UNIT
20101100	TREE TRUNK PROTECTION			EACH
STA	OFFSET	LT/RT	QUANTITY	
OAKTON ST				
22+72	93	RT	1	
22+92	112	RT	1	
23+21	111	LT	1	
GROSS POINT RD				
51+13	89	LT	1	
51+70	30	LT	1	
TOTAL :				5

CODE NO.	ITEM			UNIT
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT			SQ YD
STA	STA	OFFSET	QUANTITY	
OAKTON ST				
30+92	30+97	LT/RT	29	
GROSS POINT RD				
52+25	52+30	LT/RT	28	
55+23	55+28	LT/RT	29	
CENTRAL AVE				
100+22	100+27	LT/RT	15	
TOTAL:				101

CODE NO.	ITEM		UNIT
44000100	PAVEMENT REMOVAL		SQ YD
STA	STA	QUANTITY	
OAKTON ST			
20+38	23+51	1,728	
26+24	28+77	1,713	
29+22	29+46	25	
29+04	29+44	24	
28+50	29+11	26	
TOTAL:			3,516

CODE NO.	ITEM		UNIT
44000159	HMA SURF REM 2 1/2"		SQ YD
STA	STA	QUANTITY	
OAKTON ST			
28+77	30+97	2,966	
GROSS POINT RD			
52+25	53+03	497	
TOTAL:			3,463

CODE NO.	ITEM			UNIT
44000300	CURB REMOVAL			FOOT
STA	STA	OFFSET	QUANTITY	
OAKTON ST				
26+24	26+39	LT	14	
26+25	26+41	RT	17	
TOTAL:				31

CODE NO.	ITEM			UNIT
44000500	COMBINATION CURB AND GUTTER REMOVAL			FOOT
STA	STA	OFFSET	QUANTITY	
OAKTON ST				
16+65	16+83	LT	18	
17+22	17+44	RT	23	
19+98	19+98	RT	34	
20+13	23+51	RT	355	
20+38	23+51	LT	313	
26+41	28+17	RT	305	
26+39	29+04	LT	269	
29+07	29+36	RT	56	
29+74	29+99	RT	38	
30+14	30+57	LT	46	
TOTAL:				1,456

CODE NO.	ITEM			UNIT
44000600	SIDEWALK REMOVAL			SQ FT
STA	STA	OFFSET	QUANTITY	
OAKTON ST				
19+59	20+04	RT	221	
19+77	23+51	LT	1,851	
20+24	23+52	RT	1,530	
26+24	29+04	LT	1,414	
26+25	28+39	RT	1,102	
29+08	29+36	RT	252	
29+75	30+06	RT	280	
22+79	23+01	RT	178	
23+33	23+53	RT	96	
TOTAL:				6,924

CODE NO.	ITEM		UNIT
44001980	CONCRETE BARRIER REMOVAL		FOOT
STA	STA	QUANTITY	
I-94			
152+85	157+62	477	
TOTAL:			477

CODE NO.	ITEM			UNIT
44004250	PAVED SHOULDER REMOVAL			SQ YD
STA	STA	OFFSET	QUANTITY	
I-94 NORTHBOUND				
154+30	155+90	RT	212	
152+85	157+62	RT	526	
I-94 SOUTHBOUND				
152+85	157+62	LT	471	
154+50	156+20	LT	236	
TOTAL:				1,445

CODE NO.	ITEM			UNIT
63200310	GUARDRAIL REMOVAL			FOOT
STA	STA	OFFSET	QUANTITY	
I-94				
155+09	158+22	LT	320	
154+30	155+26	RT	95	
TOTAL:				415

CODE NO.	ITEM			UNIT
X0100018	TREE REMOVAL (UNDER 6 UNITS DIAMETER)			UNIT
STA	OFFSET	LT/RT	QUANTITY	
OAKTON ST				
21+25	44	RT	4	
21+51	44	RT	4	
21+70	44	RT	4	
22+05	59	RT	4	
TOTAL:				16

CODE NO.	ITEM		UNIT
X0327993	STAIRCASE REMOVAL		L SUM
STA	STA	QUANTITY	
OAKTON ST			
22+79	23+52	1	
TOTAL:			1

CODE NO.	ITEM				UNIT
X2010400	STUMP REMOVAL ONLY				UNIT
STA	OFFSET	LT/RT	SIZE	QUANTITY	
16+76	37	LT	7	7	
TOTAL:					7

CODE NO.	ITEM			UNIT
X4402805	ISLAND REMOVAL			SQ FT
STA	OFFSET	LT/RT	QUANTITY	
29+35	59	RT	188	
TOTAL:				188

CODE NO.	ITEM				UNIT
X6640300	CHAIN LINK FENCE REMOVAL				FOOT
STA	OFFSET	STA	OFFSET	QUANTITY	
23+44	108 RT	23+66	34 RT	82	
23+26	118 LT	23+57 62	32 LT	98 158	
25+86	80 LT	25+94	138 RT	47	
26+26	33 RT	28+12	138 RT	305	
TOTAL :					532 592

CODE NO.	ITEM		UNIT
Z0004552	APPROACH SLAB REMOVAL		SQ YD
STA	STA	QUANTITY	
23+51	23+61	190	
26+05	26+24	188	
TOTAL:			378

CODE NO.	ITEM			UNIT
20101200	TREE ROOT PRUNING			EACH
STA	OFFSET	LT/RT	QUANTITY	
OAKTON ST				
ENGINEER'S DISCRETION				20
TOTAL :				20

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	PLOT DATE = 11/6/2023	CHECKED - CMP	REVISED -
		DATE - 08/11/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES  
REMOVAL**

SCALE: N.T.S. SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2019-197-B	COOK	201	28
CONTRACT NO. 62K70				
ILLINOIS FED. AID PROJECT				







**MAINTENANCE OF TRAFFIC GENERAL NOTES**

1. THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF ONE 11' WIDE LANE IN EACH DIRECTION ON OAKTON STREET BETWEEN FRONTAGE ROAD AND GROSS POINT ROAD THROUGHOUT THE DURATION OF THE CONTRACT. THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF 3 11.0' WIDE LANES IN EACH DIRECTION ON I-94 THROUGHOUT THE DURATION OF THE CONTRACT.
2. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT ADJACENT TRAFFIC LANES OPEN TO TRAFFIC FROM DEBRIS BEING BLOWN OR OTHERWISE REMOVED FROM THE CONSTRUCTION AREAS. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR KEEPING DEBRIS OFF THE ADJACENT TRAVELED LANE SURFACE.
3. ALL CONTRACTOR SUPPLIED TRAFFIC CONTROL DEVICES AND SIGNS SHALL BE IN GOOD CONDITION AND SHALL BE SUBJECT TO APPROVAL BY THE CONSTRUCTION ENGINEER.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL REPLACE ANY SIGNS THAT ARE SUPPLIED BY OTHERS AND DAMAGED BY THE CONTRACTORS WORK FORCE OR SUBCONTRACTORS DURING RELOCATION OR CONSTRUCTION OPERATION.
5. ALL TRAFFIC CONTROL DEVICES USED FOR MAINTENANCE OF TRAFFIC, AS DETAILED ON THE PLANS, SHALL BE REFLECTORIZED PRIOR TO INSTALLATION AND CLEANED AS SPECIFIED IN THE SPECIAL PROVISIONS AND AS DIRECTED BY THE ENGINEER.
6. THE ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF ANY CHANGE IN CONSTRUCTION STAGING.
7. TEMPORARY CONCRETE BARRIER WALL SHALL BE INSTALLED AND RESTRAINED AS SHOWN ON PLANS AND/OR AS DIRECTED BY THE ENGINEER. THERE SHALL BE A MINIMUM CLEARANCE OF 1' BETWEEN TRAVEL LANE AND BASE OF TEMPORARY CONCRETE BARRIER.
8. INGRESS AND EGRESS TO DRIVEWAYS AND SIDE STREETS SHALL BE MAINTAINED AS SHOWN ON THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
9. CHANGEABLE MESSAGE SIGNS ON ARTERIALS SHALL BE INSTALLED TWO WEEKS PRIOR TO ALL TRAFFIC STAGE CHANGES ON EACH APPROACH OF THE IMPACTED 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 IMPACTED ROADWAY. THE SIGN LOCATIONS SHALL BE PLACED AS DIRECTED BY THE ENGINEER.
10. ALL DRIVEWAYS SHALL BE OPEN TO TRAFFIC DURING STAGE 2 AND 3. THE NILES WEST HIGH SCHOOL PARKING LOT DRIVEWAY EXIT IN THE SOUTHWEST QUADRANT OF OAKTON STREET AND I-94 SHALL BE CLOSED DURING STAGE 1. ALL OTHER DRIVEWAYS SHALL BE OPEN TO TRAFFIC DURING STAGE 1.
11. SIDEWALK CLOSURES SHALL BE INSTALLED USING STANDARD 701801 AND 701901.
12. CHANGEABLE MESSAGE SIGNS SHALL BE PLACED ONE (1) WEEK PRIOR TO START OF WORK ON I-94, AT LOCATIONS DETERMINED BY THE ENGINEER, FOR ADVANCED WARNING.
13. CONTRACTOR SHALL COORDINATE WITH THE BUREAU OF TRAFFIC, EXPRESSWAY SECTION 7 DAYS IN ADVANCE OF PROPOSED WORK ON I-94.
14. A MAINTENANCE OF TRAFFIC PLAN SHALL BE SUBMITTED TO THE DISTRICT ONE EXPRESSWAY TRAFFIC CONTROL SUPERVISOR 14 DAYS IN ADVANCE OF ANY STAGES CHANGES OR FULL EXPRESSWAY CLOSURES. THE MAINTENANCE OF TRAFFIC PLAN SHALL INCLUDE, BUT NOT BE LIMITED TO: LANE AND RAMP CLOSURES, EXISTING GEOMETRICS, AND EQUIPMENT AND MATERIAL LOCATION.
15. THE ENGINEER SHALL PROVIDE PACE SUBURBAN BUS AT LEAST 2 WEEKS ADVANCE NOTICE OF ALL MAINTENANCE OF TRAFFIC STAGE CHANGES BY EMAILING TRANSPORTATION.ENGINEER@PACEBUS.COM.
16. THE TEMPORARY SIGN MUST BE CRASHWORTHY AND HAVE A PROPER SIGHT DISTANCE- THIS MAY INCLUDE VEGETATION. THE CONTRACTOR CAN PLACE A TEMPORARY SIGN ON THE RIGHT BEHIND THE GUARDRAIL HOWEVER, THE FINAL PLACEMENT IS AT THE DISCRETION OF THE ENGINEER.

**SEQUENCE OF CONSTRUCTION**

**PRE-STAGE**

1. PROTECTIVE SHIELD UNDER BRIDGE SHALL BE INSTALLED USING HIGHWAY STANDARDS 701401 AND 701446 DURING OFF PEAK PERIODS IN ACCORDANCE WITH SPECIAL PROVISION TRAFFIC CONTROL AND PROTECTION (EXPRESSWAY).

**STAGE 1- OAKTON**

1. INSTALL AND ACTIVATE TEMPORARY TRAFFIC SIGNALS AT OAKTON STREET AND GROSS POINT ROAD. DEACTIVATE EXISTING SIGNALS AND BAG ALL EXISTING SIGNAL HEADS AT OAKTON STREET AND GROSS POINT ROAD.
2. INSTALL DETOUR FOR FRONTAGE ROAD.
3. ESTABLISH TWO-WAY TRAFFIC FLOW ALONG THE NORTH SIDE OF OAKTON STREET AS SHOWN ON THE PLANS. A MINIMUM OF 1-11' THRU LANE IN EACH DIRECTION SHALL BE MAINTAINED THROUGHOUT THE ENTIRE PROJECT LENGTH. AN 11' LEFT TURN LANE SHALL BE MAINTAINED AT GROSS POINT ROAD.
4. REMOVE THE EXISTING PAVEMENT, PAVED SHOULDER, MEDIAN, CURB AND GUTTER AND BRIDGE ALONG THE SOUTH SIDE OF OAKTON STREET.
5. CONSTRUCT BRIDGE, APPROACH PAVEMENT, AND PAVEMENT ON SOUTH SIDE OF OAKTON STREET AS SHOWN ON THE PLANS.
6. PLACE TEMPORARY SEEDING AND BLANKET ON SOUTH SIDE OF OAKTON STREET.

**STAGE 1A- I-94**

1. REMOVE EXISTING STRIPING AND RAISED REFLECTIVE PAVEMENT MARKERS IN CONFLICT WITH MAINTENANCE OF TRAFFIC.
2. CLOSE THE WEST SHOULDER OF SOUTHBOUND LANES AND SHIFT LANES EAST WITH DRUMS AND TEMPORARY CONCRETE BARRIER. 3-11.5' LANES SHALL BE MAINTAINED AT ALL TIMES.
3. CLOSE THE EAST SHOULDER OF THE NORTHBOUND LANES AND SHIFT LANES WEST WITH DRUMS AND TEMPORARY CONCRETE BARRIER. 3-11.5' LANES SHALL BE MAINTAINED AT ALL TIMES.
4. REMOVE THE SOUTH HALF OF EXISTING WEST AND EAST ABUTMENTS, OUTSIDE PIERS, AND SOUTH HALF OF THE BRIDGE BEAMS.
5. SHORT (15 MINUTES) NIGHT CLOSURE OF I-94 WILL BE REQUIRED FOR BEAM REMOVAL. SHALL USE HIGHWAY STANDARDS 701401 AND 701446 DURING OFF PEAK PERIODS IN ACCORDANCE WITH SPECIAL PROVISION TRAFFIC CONTROL AND PROTECTION (EXPRESSWAY).
6. BUILD THE SOUTH HALF OF ABUTMENTS AND SLOPE WALL.
7. FILL EXISTING RUMBLE STRIPS.

**STAGE 1B- I-94**

1. CLOSE THE EAST SHOULDER OF SOUTHBOUND LANES AND SHIFT LANES WEST WITH DRUMS AND TEMPORARY CONCRETE BARRIER. 3-11.0' LANES SHALL BE MAINTAINED AT ALL TIMES.
2. CLOSE THE WEST SHOULDER OF NORTHBOUND LANES AND SHIFT LANES EAST WITH DRUMS AND TEMPORARY CONCRETE BARRIER. 3-11.0' LANES SHALL BE MAINTAINED AT ALL TIMES.
3. REMOVE THE SOUTH HALF OF EXISTING CENTER PIER.
4. BUILD THE SOUTH HALF OF THE CENTER PIER.
5. INSTALL THE SOUTH HALF OF BRIDGE BEAMS AND POUR NEW BRIDGE DECK. SHALL USE HIGHWAY STANDARDS 701401 AND 701446 DURING OFF PEAK PERIODS IN ACCORDANCE WITH SPECIAL PROVISION TRAFFIC CONTROL AND PROTECTION (EXPRESSWAY).

**STAGE 1C- OAKTON**

1. MAINTAIN WEST LANE OF GROSS POINT ROAD AS RIGHT TURN ONLY LANE NORTH OF OAKTON STREET.
2. CLOSE BOTH OUTSIDE LANES OF GROSS POINT ROAD SOUTH OF OAKTON STREET USING STANDARD 701606.
3. USING STANDARD 701606 FOR DAY TIME LANE CLOSURES CONSTRUCT CORNER ISLANDS IN THE SOUTHWEST AND SOUTHEAST CORNERS OF INTERSECTION.

**STAGE 2- OAKTON**

1. ADJUST TEMPORARY TRAFFIC SIGNALS AT OAKTON STREET AND GROSS POINT ROAD.
2. ESTABLISH TWO-WAY TRAFFIC FLOW ALONG THE SOUTH SIDE OF OAKTON STREET AS SHOWN ON THE PLANS. A MINIMUM OF 1-11' THRU LANE IN EACH DIRECTION SHALL BE MAINTAINED THROUGHOUT THE ENTIRE PROJECT LENGTH. AN 11' LEFT TURN LANE SHALL BE MAINTAINED AT GROSS POINT ROAD.
3. REMOVE THE EXISTING PAVEMENT, PAVED SHOULDER, MEDIAN, CURB AND GUTTER AND BRIDGE ALONG THE NORTH SIDE OF OAKTON STREET.
4. CONSTRUCT BRIDGE, APPROACH PAVEMENT, AND PAVEMENT ON NORTH SIDE OF OAKTON STREET AS SHOWN ON THE PLANS.
5. PLACE TEMPORARY SEEDING AND BLANKET ON NORTH SIDE OF OAKTON STREET.

**STAGE 2A- I-94**

1. CLOSE THE WEST SHOULDER OF SOUTHBOUND LANES AND SHIFT LANES EAST WITH DRUMS AND TEMPORARY CONCRETE BARRIER. 3-11.5' LANES SHALL BE MAINTAINED AT ALL TIMES.
2. CLOSE THE EAST SHOULDER OF THE NORTHBOUND LANES AND SHIFT LANES WEST WITH DRUMS AND TEMPORARY CONCRETE BARRIER. 3-11.5' LANES SHALL BE MAINTAINED AT ALL TIMES.
3. REMOVE NORTH HALF OF EXISTING WEST AND EAST ABUTMENTS, OUTSIDE PIERS, AND NORTH HALF OF THE BRIDGE BEAMS.
4. SHORT (15 MINUTES) NIGHT CLOSURE OF I-94 WILL BE REQUIRED FOR BEAM REMOVAL. SHALL USE HIGHWAY STANDARDS 701401 AND 701446 DURING OFF PEAK PERIODS IN ACCORDANCE WITH SPECIAL PROVISION TRAFFIC CONTROL AND PROTECTION (EXPRESSWAY).
5. BUILD THE NORTH HALF OF THE ABUTMENTS AND SLOPE WALL.
6. CONSTRUCT PROPOSED SHOULDER, RUMBLE STRIPS, AND CURB ALONG SIDES OF I-94.

**STAGE 2B- I-94**

1. CLOSE THE EAST SHOULDER OF SOUTHBOUND LANES AND SHIFT LANES WEST WITH DRUMS AND TEMPORARY CONCRETE BARRIER. 3-11.0' LANES SHALL BE MAINTAINED AT ALL TIMES.
2. CLOSE THE WEST SHOULDER OF NORTHBOUND LANES AND SHIFT LANES EAST WITH DRUMS AND TEMPORARY CONCRETE BARRIER. 3-11.0' LANES SHALL BE MAINTAINED AT ALL TIMES.
3. REMOVE THE NORTH HALF OF EXISTING CENTER PIER.
4. BUILD THE NORTH HALF OF THE CENTER PIER.
5. CONSTRUCT PROPOSED SHOULDER ALONG CENTER OF I-94.
6. INSTALL THE NORTH HALF OF BRIDGE BEAMS AND POUR NEW BRIDGE DECK. SHALL USE HIGHWAY STANDARDS 701401 AND 701446 DURING OFF PEAK PERIODS IN ACCORDANCE WITH SPECIAL PROVISION TRAFFIC CONTROL AND PROTECTION (EXPRESSWAY).
7. PLACE PERMANENT PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS.

**STAGE 3- OAKTON**

1. ADJUST TEMPORARY TRAFFIC SIGNALS AT OAKTON STREET AND GROSS POINT ROAD.
2. ESTABLISH TWO-WAY TRAFFIC FLOW ALONG THE OUTSIDE EDGES OF OAKTON STREET AS SHOWN ON THE PLANS. A MINIMUM OF 1-11' THRU LANE IN EACH DIRECTION SHALL BE MAINTAINED THROUGHOUT THE ENTIRE PROJECT LENGTH. AN 11' LEFT TURN LANE SHALL BE MAINTAINED AT GROSS POINT ROAD.
3. CONSTRUCT PAVEMENT IN CENTER OF OAKTON AS SHOWN ON THE PLANS.

**STAGE 4- OAKTON**

1. REMOVE DETOUR FOR FRONTAGE ROAD.
2. REACTIVATE EXISTING PERMANENT TRAFFIC SIGNALS AT OAKTON STREET AND GROSS POINT ROAD.
3. OPEN OAKTON STREET TO TWO-WAY, 4 LANE TRAFFIC FLOW.
4. INSTALL PERMANENT PAVEMENT MARKINGS.
5. COMPLETE LANDSCAPING.

**NOTE:**

TRAFFIC SIDE PINNING ON I-94 IS ONLY REQUIRED IN LOCATIONS WHERE 24" OF CLEAR PAVEMENT BEHIND THE WALL CAN'T BE PROVIDED.

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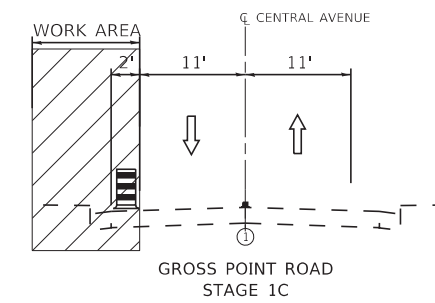
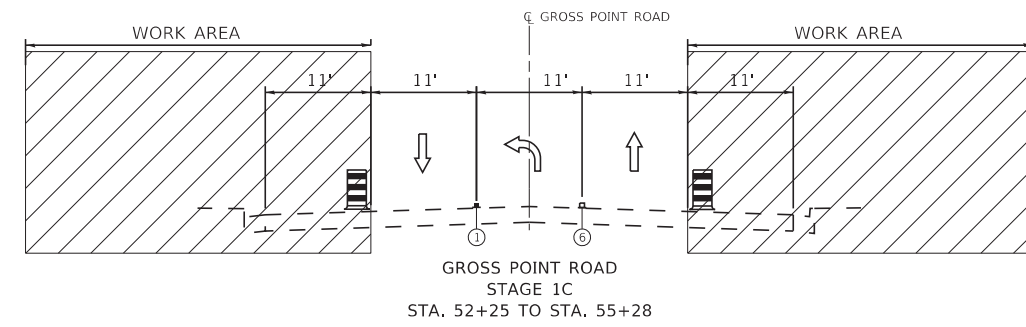
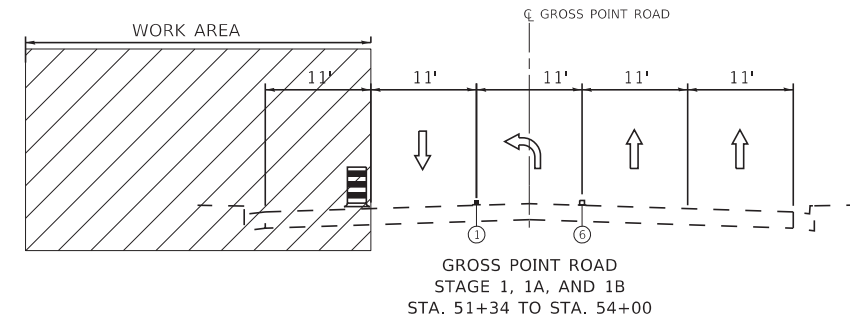
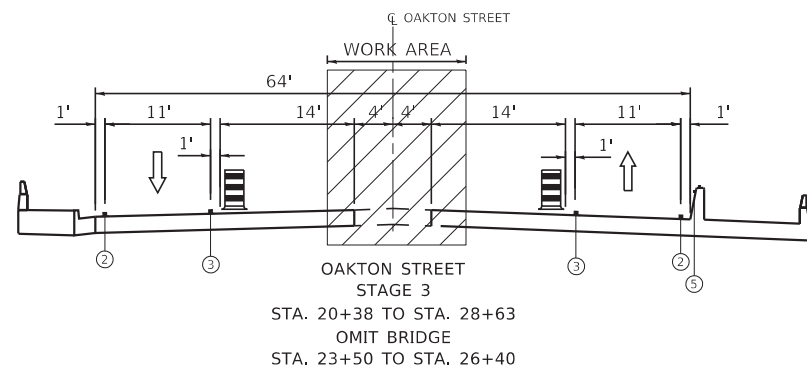
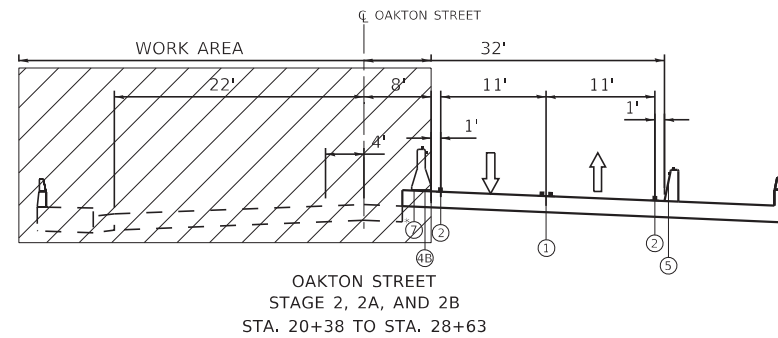
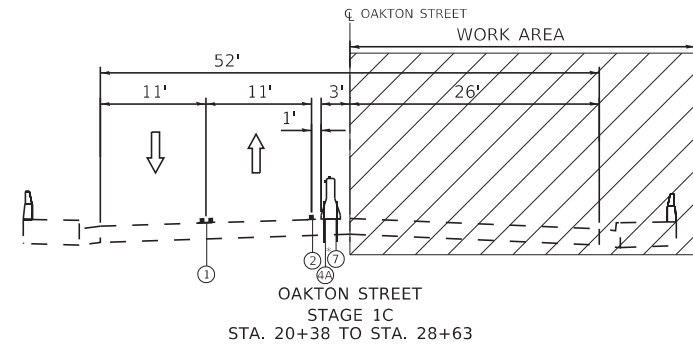
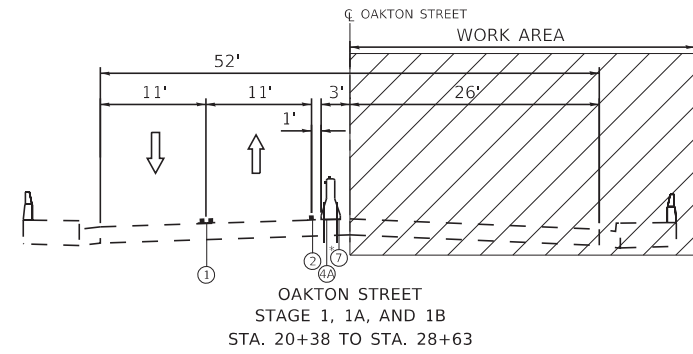
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PLOT DATE = 11/3/2023	DATE - 11/3/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
MOT GENERAL NOTES AND SEQUENCE OF CONSTRUCTION**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2019-197-B	COOK	201	45
				CONTRACT NO. 62K70
ILLINOIS FED. AID PROJECT				



**LEGEND:**

- WORK AREA
- \*TEMPORARY CONCRETE BARRIER WITH TYPE C REFLECTORS PER STD 704001
- DIRECTION OF TRAFFIC
- TYPE II BARRICADE OR DRUM
- TEMPORARY PAVEMENT MARKING TAPE - TYPE IV (DOUBLE YELLOW 4", 11" C-C) WITH AMBER TEMPORARY RAISED REFLECTIVE PAVEMENT MARKERS AT 40' C-C
- TEMPORARY PAVEMENT MARKING TAPE - TYPE IV (WHITE 4")
- TEMPORARY PAVEMENT MARKING TAPE - TYPE IV (YELLOW 4")
- TEMPORARY CONCRETE BARRIER PINNED PER DETAIL R-27
- TEMPORARY CONCRETE BARRIER RESTRAINED PER DETAIL R-27
- TEMPORARY CONCRETE BARRIER WITH TYPE C MONO-DIRECTIONAL AMBER REFLECTORS
- PROPOSED PARAPET WITH TEMPORARY TYPE C DOUBLE SIDED CRYSTAL REFLECTORS
- EXISTING PAVEMENT MARKING - 6" WHITE
- TEMPORARY CONCRETE BARRIER WITH TYPE C DOUBLE SIDED CRYSTAL REFLECTORS

**NOTES:**

1. TEMPORARY PAVEMENT MARKING TAPE- TYPE IV SHALL BE REPLACED WITH TEMPORARY PAVEMENT MARKING WHEN MARKING ON PAVEMENT TO BE REMOVED.



MODEL: Default  
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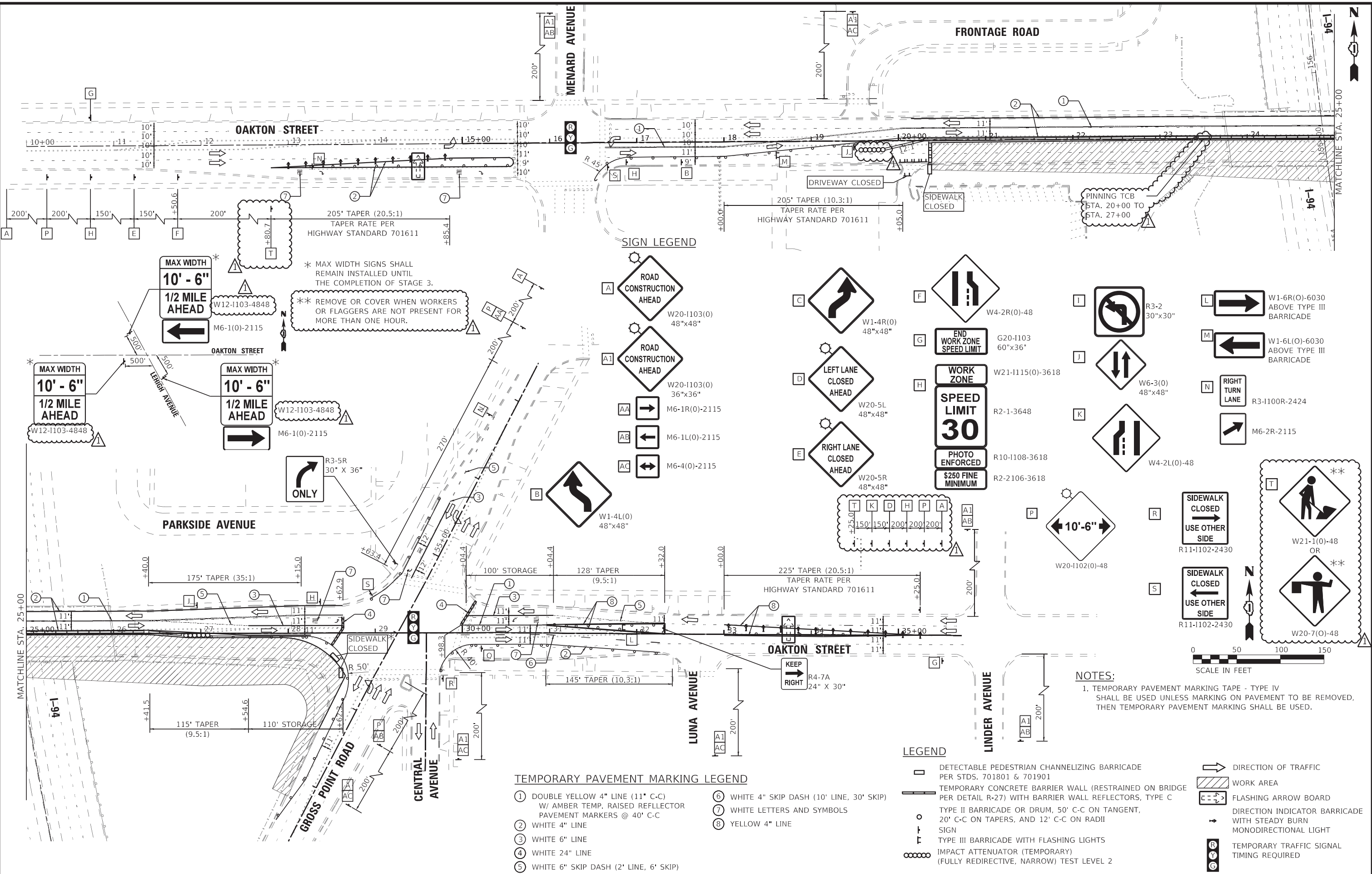
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
TYPICAL SECTIONS - OAKTON STREET**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2019-197-B	COOK	201	46
CONTRACT NO. 62K70				
ILLINOIS FED. AID PROJECT				

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**TEMPORARY PAVEMENT MARKING LEGEND**

- ① DOUBLE YELLOW 4" LINE (11" C-C) W/ AMBER TEMP. RAISED REFLECTOR PAVEMENT MARKERS @ 40' C-C
- ② WHITE 4" LINE
- ③ WHITE 6" LINE
- ④ WHITE 24" LINE
- ⑤ WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
- ⑥ WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
- ⑦ WHITE LETTERS AND SYMBOLS
- ⑧ YELLOW 4" LINE

**LEGEND**

- DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE PER STDS. 701801 & 701901
- ▨ TEMPORARY CONCRETE BARRIER WALL (RESTRAINED ON BRIDGE PER DETAIL R-27) WITH BARRIER WALL REFLECTORS, TYPE C
- TYPE II BARRICADE OR DRUM, 50' C-C ON TANGENT, 20' C-C ON TAPERS, AND 12' C-C ON RADII
- ⊥ SIGN
- ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS
- IMPACT ATTENUATOR (TEMPORARY) (FULLY REDIRECTIVE, NARROW) TEST LEVEL 2
- DIRECTION OF TRAFFIC
- ▨ WORK AREA
- ⊥ FLASHING ARROW BOARD
- ⊥ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ⊥ TEMPORARY TRAFFIC SIGNAL TIMING REQUIRED

**BAXTER & WOODMAN**  
 Consulting Engineers

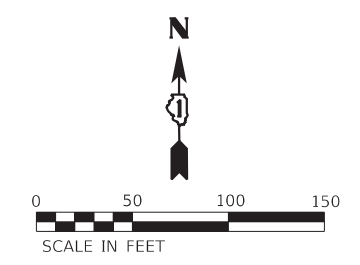
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DRAWN - MJO	REVISIONS -	
PLOT SCALE = 100,0000' / in.	CHECKED - DTH	REVISIONS -
PLOT DATE = 11/3/2023	DATE - 11/3/2023	REVISIONS -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL**  
**STAGE 1 - OAKTON STREET**

SCALE: 1"=50'	SHEET 1 OF 1 SHEETS	STA. TO STA.
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F.A.U. RTE. 1332	SECTION 2019-197-B	COUNTY COOK	TOTAL SHEETS 201	SHEET NO. 47
				CONTRACT NO. 62K70
ILLINOIS FED. AID PROJECT				

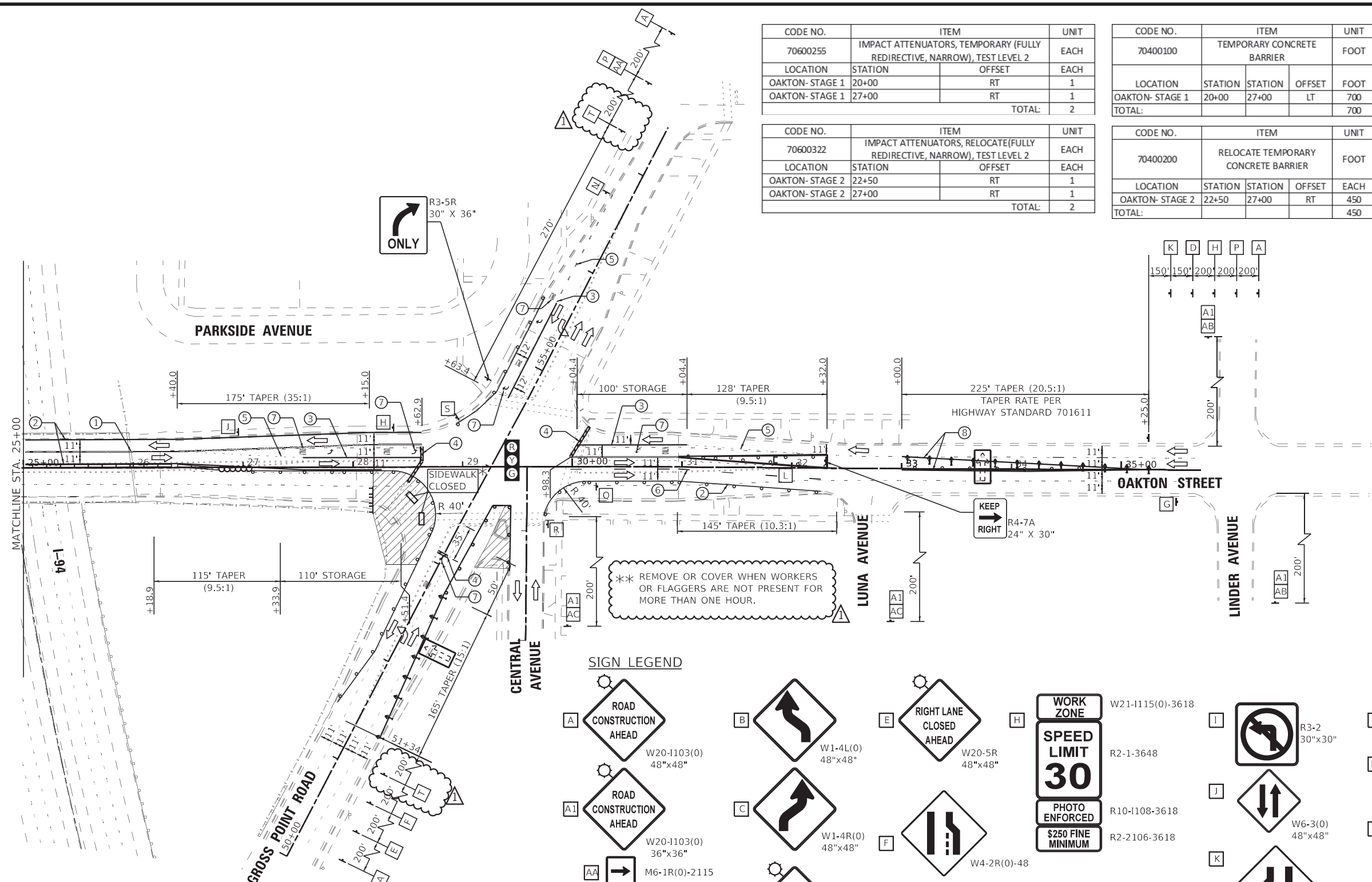


CODE NO.	ITEM	UNIT
70600255	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH
LOCATION	STATION	OFFSET
OAKTON-STAGE 1	20+00	RT
OAKTON-STAGE 1	27+00	RT
		TOTAL: 2

CODE NO.	ITEM	UNIT
70400100	TEMPORARY CONCRETE BARRIER	FOOT
LOCATION	STATION	STATION
OAKTON-STAGE 1	20+00	27+00
OFFSET	FOOT	
LT	700	
		TOTAL: 700

CODE NO.	ITEM	UNIT
70600322	IMPACT ATTENUATORS, RELOCATE(FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH
LOCATION	STATION	OFFSET
OAKTON-STAGE 2	22+50	RT
OAKTON-STAGE 2	27+00	RT
		TOTAL: 2

CODE NO.	ITEM	UNIT
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT
LOCATION	STATION	STATION
OAKTON-STAGE 2	22+50	27+00
OFFSET	EACH	
RT	450	
		TOTAL: 450



**SIGN LEGEND**

W20-1103(0) 48"x48"	W1-4L(0) 48"x48"	W20-5R 48"x48"	W21-1115(0)-3618 R2-1-3648 R10-1108-3618 R2-2106-3618	R3-2 30"x30"	W1-6R(0)-6030 ABOVE TYPE III BARRICADE W1-6L(0)-6030 ABOVE TYPE III BARRICADE	R11-1102-2430
W20-1103(0) 36"x36"	W1-4R(0) 48"x48"	W4-2R(0)-48 G20-1103 60"x36"	W6-3(0) 48"x48"	R3-1100R-2424	R11-1102-2430	
M6-1R(0)-2115	W20-5L 48"x48"	G20-1103 60"x36"	W4-2L(0)-48	R3-1100R-2424	W21-1(0)-48 OR W20-7(0)-48	
M6-1L(0)-2115				R3-1100R-2424		
M6-4(0)-2115				R3-1100R-2424		

**LEGEND**

- DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE PER STDS. 701801 & 701901
- TEMPORARY CONCRETE BARRIER WALL (RESTRAINED ON BRIDGE PER DETAIL R-27) WITH BARRIER WALL REFLECTORS, TYPE C
- TYPE II BARRICADE OR DRUM, 50' C-C ON TANGENT, 20' C-C ON TAPERS, AND 12' C-C ON RADII
- SIGN
- TYPE III BARRICADE WITH FLASHING LIGHTS
- IMPACT ATTENUATOR (TEMPORARY) (FULLY REDIRECTIVE NARROW) TEST LEVEL 2
- DIRECTION OF TRAFFIC
- WORK AREA
- FLASHING ARROW BOARD
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY TRAFFIC SIGNAL TIMING REQUIRED

**NOTES:**

1. TEMPORARY PAVEMENT MARKING TAPE - TYPE IV SHALL BE USED UNLESS MARKING ON PAVEMENT TO BE REMOVED, THEN TEMPORARY PAVEMENT MARKING SHALL BE USED.

**TEMPORARY PAVEMENT MARKING LEGEND**

- ① DOUBLE YELLOW 4" LINE (11" C-C) W/ AMBER TEMP. RAISED REFLECTOR PAVEMENT MARKERS @ 40' C-C
- ② WHITE 4" LINE
- ③ WHITE 6" LINE
- ④ WHITE 24" LINE
- ⑤ WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
- ⑥ WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
- ⑦ WHITE LETTERS AND SYMBOLS
- ⑧ YELLOW 4" LINE

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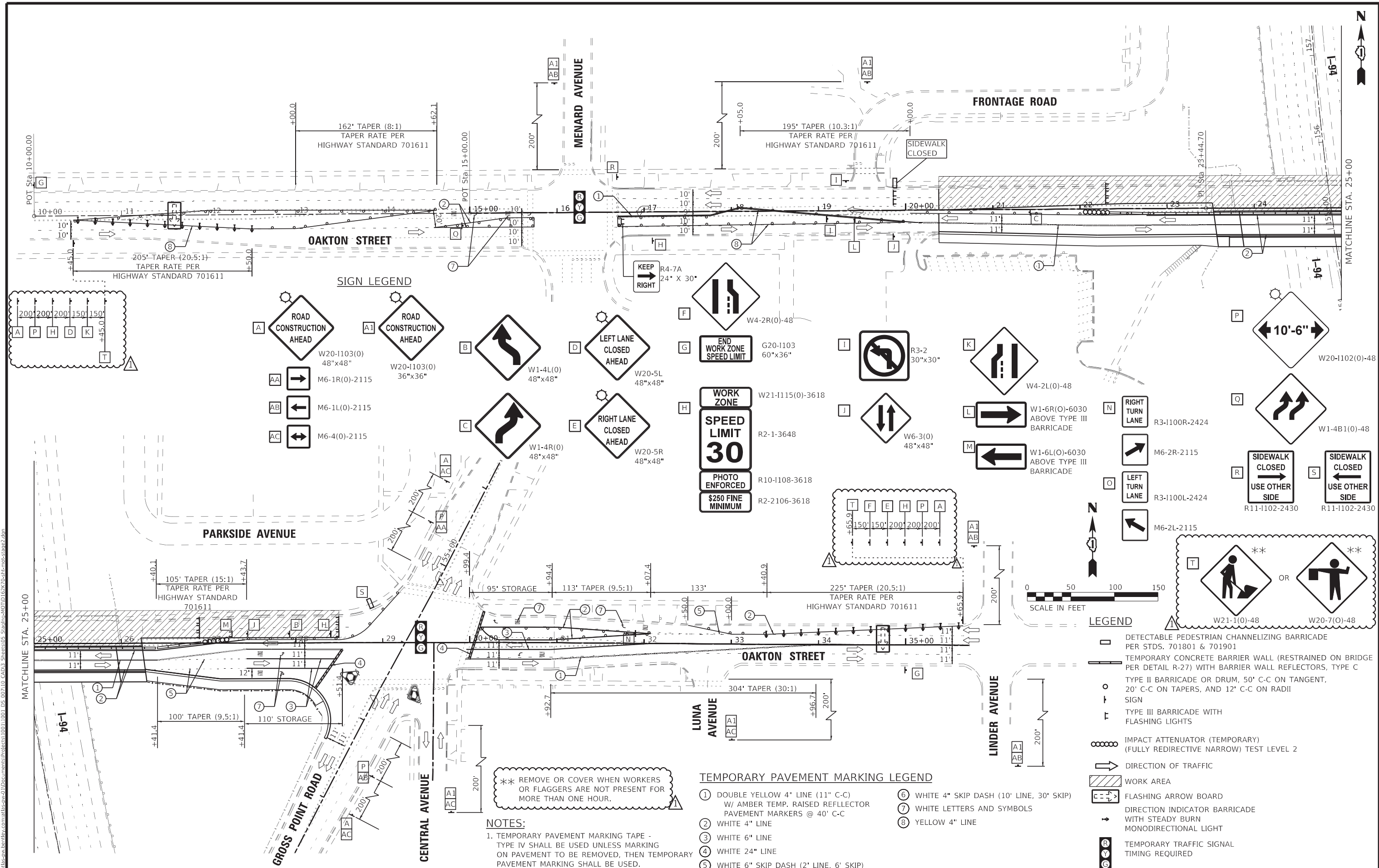
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PLOT SCALE = 100,0000' / in.	DRAWN - MJO	REVISED -
PLOT DATE = 11/3/2023	CHECKED - DTH	REVISED -
	DATE - 11/3/2023	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
STAGE 1C - OAKTON STREET  
SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2019-197-B	COOK	201	48
CONTRACT NO. 62K70			ILLINOIS FED. AID PROJECT	





**SIGN LEGEND**

ROAD CONSTRUCTION AHEAD W20-1103(0) 48"x48"	ROAD CONSTRUCTION AHEAD W20-1103(0) 36"x36"	LEFT TURN AHEAD W1-4L(0) 48"x48"	LEFT LANE CLOSED AHEAD W20-5L 48"x48"	RIGHT LANE CLOSED AHEAD W20-5R 48"x48"	LANE CLOSURE AHEAD W4-2R(0)-48"	END WORK ZONE SPEED LIMIT G20-1103 60"x36"	NO RIGHT TURN R3-2 30"x30"	LANE CLOSURE AHEAD W4-2L(0)-48"	10'-6" LANE CLOSURE W20-1102(0)-48"
RIGHT TURN AHEAD M6-1R(0)-2115	LEFT TURN AHEAD M6-1L(0)-2115	DOUBLE ARROW AHEAD M6-4(0)-2115	RIGHT TURN AHEAD W1-4R(0) 48"x48"	WORK ZONE SPEED LIMIT 30 W21-1115(0)-3618	LANE CLOSURE AHEAD W6-3(0) 48"x48"	RIGHT TURN AHEAD W1-6R(0)-6030 ABOVE TYPE III BARRICADE	RIGHT TURN LANE R3-1100R-2424	LANE CLOSURE AHEAD W1-4B(0)-48"	SIDEWALK CLOSED USE OTHER SIDE R11-1102-2430
LEFT TURN AHEAD M6-2L-2115	LEFT TURN LANE R3-1100L-2424	SIDEWALK CLOSED USE OTHER SIDE R11-1102-2430	DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE W21-1(0)-48	DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE W20-7(0)-48	FLASHING ARROW BOARD W1-6L(0)-6030 ABOVE TYPE III BARRICADE	DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT M6-2R-2115	TEMPORARY TRAFFIC SIGNAL TIMING REQUIRED R3-1100R-2424	TEMPORARY TRAFFIC SIGNAL TIMING REQUIRED R3-1100L-2424	RIGHT TURN LANE M6-2R-2115



**LEGEND**

- DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE PER STDS. 701801 & 701901
- TEMPORARY CONCRETE BARRIER WALL (RESTRAINED ON BRIDGE PER DETAIL R-27) WITH BARRIER WALL REFLECTORS, TYPE C
- TYPE II BARRICADE OR DRUM, 50' C-C ON TANGENT, 20' C-C ON TAPERS, AND 12' C-C ON RADII
- SIGN
- TYPE III BARRICADE WITH FLASHING LIGHTS
- IMPACT ATTENUATOR (TEMPORARY) (FULLY REDIRECTIVE NARROW) TEST LEVEL 2
- DIRECTION OF TRAFFIC
- WORK AREA
- FLASHING ARROW BOARD
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY TRAFFIC SIGNAL TIMING REQUIRED

**TEMPORARY PAVEMENT MARKING LEGEND**

- ① DOUBLE YELLOW 4" LINE (11" C-C) W/ AMBER TEMP. RAISED REFLECTOR PAVEMENT MARKERS @ 40' C-C
- ② WHITE 4" LINE
- ③ WHITE 6" LINE
- ④ WHITE 24" LINE
- ⑤ WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
- ⑥ WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
- ⑦ WHITE LETTERS AND SYMBOLS
- ⑧ YELLOW 4" LINE

**NOTES:**

1. TEMPORARY PAVEMENT MARKING TAPE - TYPE IV SHALL BE USED UNLESS MARKING ON PAVEMENT TO BE REMOVED, THEN TEMPORARY PAVEMENT MARKING SHALL BE USED.

\*\* REMOVE OR COVER WHEN WORKERS OR FLAGGERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.



USER NAME = mornij	DESIGNED - AKS	REVISED - ADDENDUM 11-7-2023
PLOT SCALE = 100,0000' / in.	DRAWN - MJO	REVISED -
PLOT DATE = 11/3/2023	CHECKED - DTH	REVISED -
	DATE - 11/3/2023	REVISED -

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

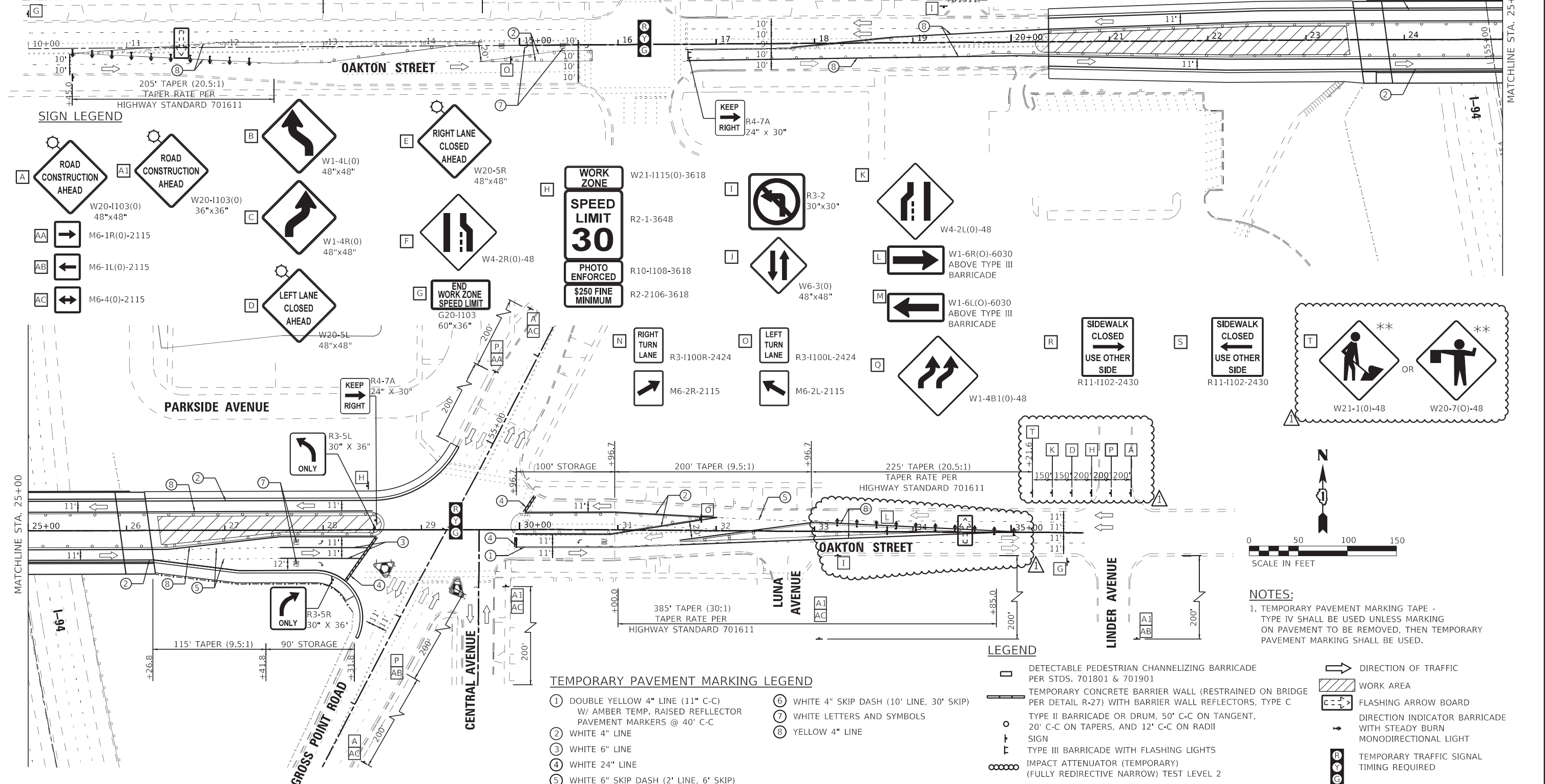
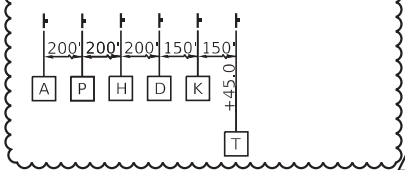
**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL STAGE 2 - OAKTON STREET**

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

F.A.U. RTE. 1332	SECTION 2019-197-B	COUNTY COOK	TOTAL SHEETS 201	SHEET NO. 49
CONTRACT NO. 62K70				
ILLINOIS FED. AID PROJECT				

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\*\* REMOVE OR COVER WHEN WORKERS OR FLAGGERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.



**SIGN LEGEND**

- A ROAD CONSTRUCTION AHEAD W20-1103(0) 48"x48"
- A1 ROAD CONSTRUCTION AHEAD W20-1103(0) 36"x36"
- AA M6-1R(0)-2115
- AB M6-1L(0)-2115
- AC M6-4(0)-2115
- B W1-4L(0) 48"x48"
- C W1-4R(0) 48"x48"
- D LEFT LANE CLOSED AHEAD W20-5L 48"x48"
- E RIGHT LANE CLOSED AHEAD W20-5R 48"x48"
- F W4-2R(0)-48
- G END WORK ZONE SPEED LIMIT G20-1103 60"x36"
- H WORK ZONE W21-1115(0)-3618
- I SPEED LIMIT 30 R2-1-3648
- J PHOTO ENFORCED R10-1108-3618
- K \$250 FINE MINIMUM R2-2106-3618
- L R3-2 30"x30"
- M W4-2L(0)-48
- N RIGHT TURN LANE R3-1100R-2424
- O LEFT TURN LANE R3-1100L-2424
- P M6-2R-2115
- Q M6-2L-2115
- R W1-6R(0)-6030 ABOVE TYPE III BARRICADE
- S W1-6L(0)-6030 ABOVE TYPE III BARRICADE
- T SIDEWALK CLOSED USE OTHER SIDE R11-1102-2430
- U SIDEWALK CLOSED USE OTHER SIDE R11-1102-2430
- V W21-1(0)-48
- W W20-7(0)-48

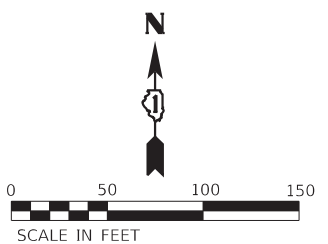
**TEMPORARY PAVEMENT MARKING LEGEND**

- 1 DOUBLE YELLOW 4" LINE (11" C-C) W/ AMBER TEMP. RAISED REFLECTOR PAVEMENT MARKERS @ 40' C-C
- 2 WHITE 4" LINE
- 3 WHITE 6" LINE
- 4 WHITE 24" LINE
- 5 WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
- 6 WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
- 7 WHITE LETTERS AND SYMBOLS
- 8 YELLOW 4" LINE

**LEGEND**

- DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE PER STDS. 701801 & 701901
- ▨ TEMPORARY CONCRETE BARRIER WALL (RESTRAINED ON BRIDGE PER DETAIL R-27) WITH BARRIER WALL REFLECTORS, TYPE C
- ◁ ▷ FLASHING ARROW BOARD
- ◁ ▷ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- Ⓡ Ⓢ TEMPORARY TRAFFIC SIGNAL TIMING REQUIRED
- ▨ WORK AREA
- ◁ ▷ DIRECTION OF TRAFFIC
- ◁ ▷ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- Ⓡ Ⓢ TEMPORARY TRAFFIC SIGNAL TIMING REQUIRED

**NOTES:**  
 1. TEMPORARY PAVEMENT MARKING TAPE - TYPE IV SHALL BE USED UNLESS MARKING ON PAVEMENT TO BE REMOVED, THEN TEMPORARY PAVEMENT MARKING SHALL BE USED.



USER NAME = mornjy	DESIGNED - AKS	REVISED - ADDENDUM 11-7-2023
PLOT SCALE = 100,0000' / in.	DRAWN - MJO	REVISED -
PLOT DATE = 11/3/2023	CHECKED - DTH	REVISED -
	DATE - 11/3/2023	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL	
STAGE 3 - OAKTON STREET	
SCALE: 1"=50'	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2019-197-B	COOK	201	50
CONTRACT NO. 62K70			ILLINOIS FED. AID PROJECT	

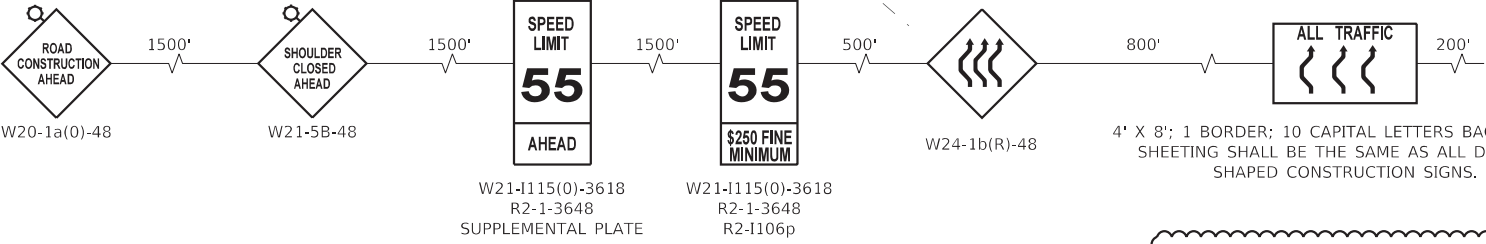
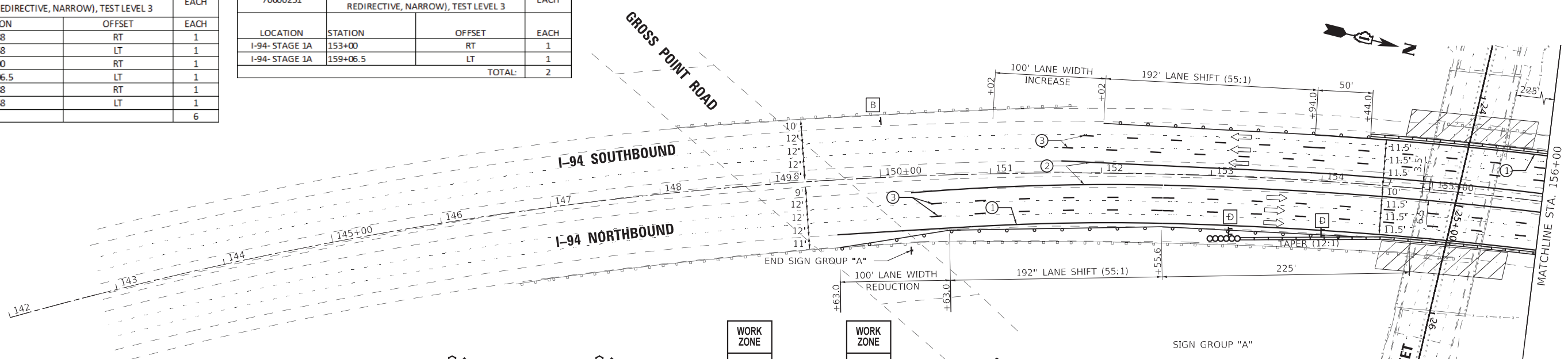
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 PLOT DATE = 11/3/2023

CODE NO.	ITEM	UNIT
70600352	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE, NARROW), TEST LEVEL 3	EACH
LOCATION	STATION	OFFSET
I-94- STAGE 1B	151+88	RT
I-94- STAGE 1B	158+58	LT
I-94- STAGE 2A	153+00	RT
I-94- STAGE 2A	159+06.5	LT
I-94- STAGE 2B	151+88	RT
I-94- STAGE 2B	158+58	LT
TOTAL:		6

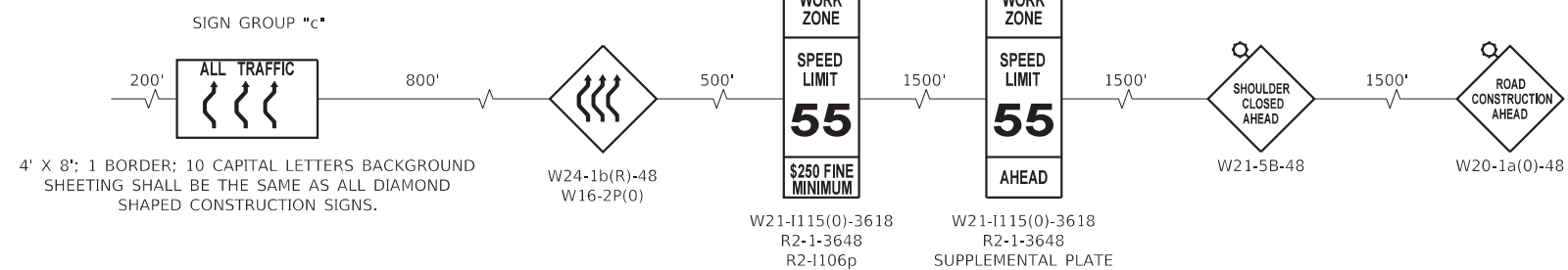
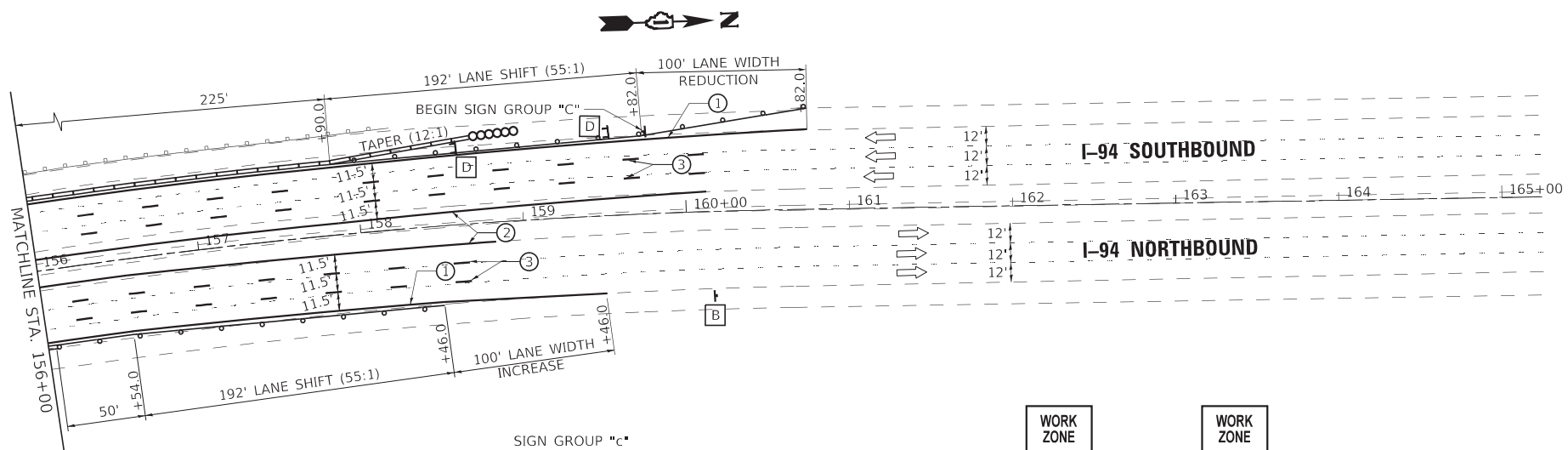
CODE NO.	ITEM	UNIT
70600251	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 3	EACH
LOCATION	STATION	OFFSET
I-94- STAGE 1A	153+00	RT
I-94- STAGE 1A	159+06.5	LT
TOTAL:		2

CODE NO.	ITEM	UNIT		
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT		
LOCATION	STATION	STATION	OFFSET	EACH
I-94- STAGE 1B	155+25.5	157+38	RT	212.5
I-94- STAGE 1B	153+08	158+58	LT	550
I-94- STAGE 2A	153+00	156+00	RT	300
I-94- STAGE 2A	154+44	159+06.5	LT	462.5
I-94- STAGE 1B	151+88	157+38	RT	550
I-94- STAGE 1B	153+08	158+58	LT	550
TOTAL:				2625

CODE NO.	ITEM	UNIT		
70400100	TEMPORARY CONCRETE BARRIER	FOOT		
LOCATION	STATION	STATION	OFFSET	FOOT
I-94- STAGE 1A	153+00	156+00	RT	300
I-94- STAGE 1A	154+44	159+06.5	LT	462.5
I-94- STAGE 1B	151+88	155+25.5	RT	337.5
TOTAL:				1100



- NOTES:**
- LANE WEAVE SHALL BE IN ACCORDANCE TO DISTRICT 1 STANDARD TC-09.
  - REMOVE RAISED REFLECTIVE PAVEMENT MARKER REFLECTORS WHERE LANE SHIFTS.
- LEGEND**
- TEMPORARY CONCRETE BARRIER WALL WITH BARRIER WALL REFLECTORS, TYPE C
  - TYPE II BARRICADE OR DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT, 50' C-C ON TANGENT, 25' C-C ON TAPERS, AND 12' C-C ON RADII
  - TYPE III BARRICADE WITH FLASHING LIGHTS
  - SIGN
  - DIRECTION OF TRAFFIC
  - WORK AREA
  - IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW) TEST LEVEL 3
  - TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)
  - TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
  - TEMPORARY PAVEMENT MARKING - LINE 5" (10'-30' SKIP DASH, WHITE)



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USER NAME = mornij	DESIGNED - AKS	REVISED - ADDENDUM 11-7-2023
PLOT SCALE = 100,0000' / in.	DRAWN - MJO	REVISED -
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	DATE - 11/3/2023	REVISED -

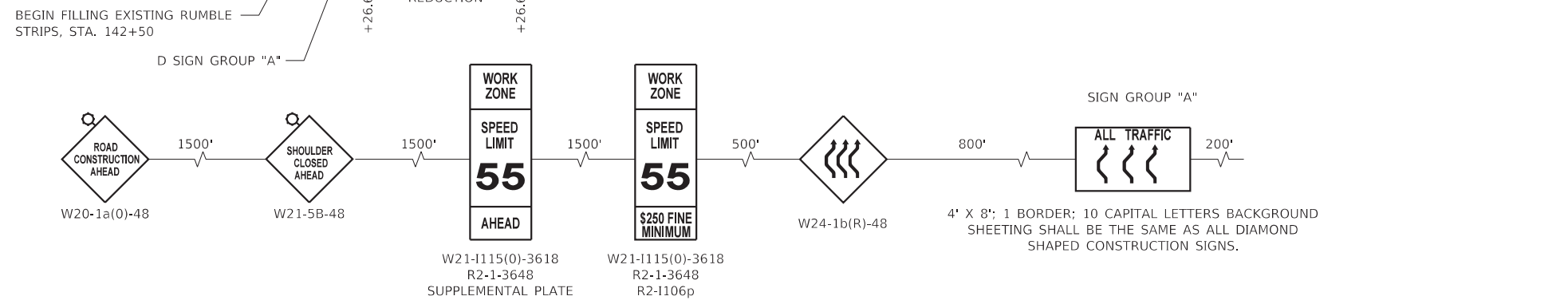
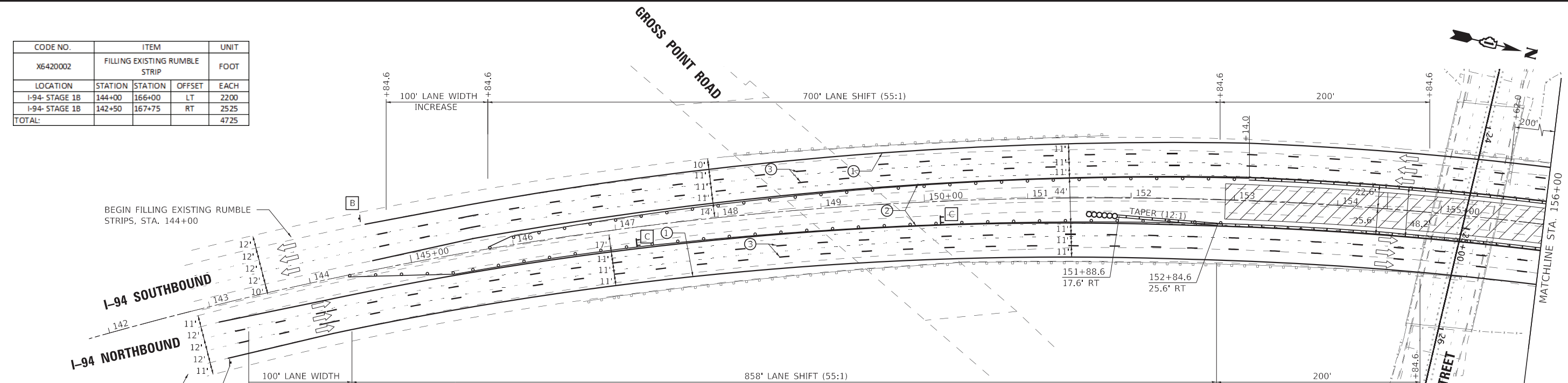
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL**  
**STAGE 1A & 2A - I-94 (EDENS EXPRESSWAY)**

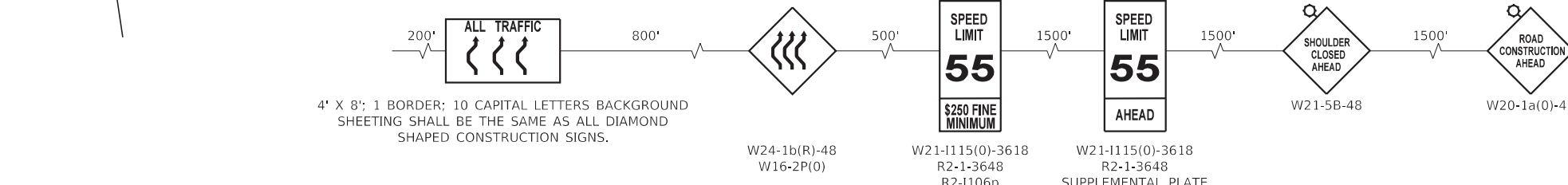
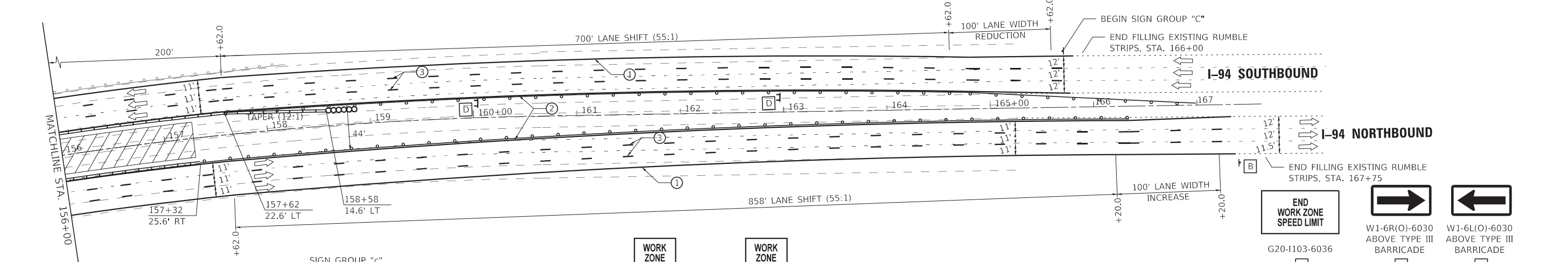
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2019-197-B	COOK	201	52
CONTRACT NO. 62K70				
ILLINOIS FED. AID PROJECT				

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

CODE NO.	ITEM	UNIT
X6420002	FILLING EXISTING RUMBLE STRIP	FOOT
LOCATION	STATION	STATION
I-94- STAGE 1B	144+00	166+00
		OFFSET
		LT
I-94- STAGE 1B	142+50	167+75
		RT
TOTAL:		4725



- LEGEND**
- TEMPORARY CONCRETE BARRIER WALL WITH BARRIER WALL REFLECTORS, TYPE C
  - TYPE II BARRICADE OR DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT, 50' C-C ON TANGENT, 25' C-C ON TAPERS, AND 12' C-C ON RADII
  - ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS
  - SIGN
  - DIRECTION OF TRAFFIC
  - ▨ WORK AREA
  - IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW) TEST LEVEL 3
  - ① TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)
  - ② TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
  - ③ TEMPORARY PAVEMENT MARKING - LINE 5" (10'-30' SKIP DASH, WHITE)



- NOTES:**
1. LANE WEAVE SHALL BE IN ACCORDANCE TO DISTRICT 1 STANDARD TC-09.
  2. REMOVE RAISED REFLECTIVE PAVEMENT MARKER REFLECTORS WHERE LANE SHIFTS.
  3. REPLACE RAISED REFLECTIVE PAVEMENT MARKER REFLECTORS (WHERE REMOVED) AFTER WORK HAS BEEN COMPLETED.



USER NAME = mornjy	DESIGNED - AKS	REVISED - ADDENDUM 11-7-2023
PLOT SCALE = 100,0000' / in.	DRAWN - MJO	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
STAGE 1B & 2B - I-94 (EDENS EXPRESSWAY)**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2019-197-B	COOK	201	53
CONTRACT NO. 62K70				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
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**EXISTING DRAINAGE PIPES**

DRAINAGE PIPE ID	TYPE OF PIPE	TYPE	FROM STRUCTURE	TO STRUCTURE	DIA. (IN)	LENGTH (FT)	SLOPE (%)
1899EX	STORM SEWER, CLASS A, TYPE 2, 12"	RCP	1899EX	1857EX	12	69	2.43
1933EX	STORM SEWER, CLASS A, TYPE 2, 12"	RCP	1933EX	1857EX	12	76	2.85
1959EX	STORM SEWER, CLASS A, TYPE 2, 12"	RCP	1959EX	1899EX	12	59	0.33
2034EX	STORM SEWER, CLASS A, TYPE 2, 8"	PVC	2034EX	2069EX	8	71	0.32
2069EX	STORM SEWER, CLASS A, TYPE 2, 8"	PVC	2069EX	EXISTING DITCH AT 20+72	8	5	2.00
2299EX	STORM SEWER, CLASS A, TYPE 2, 15"	CMP	2299EX	2345EX	15	42	2.48
2243EX	STORM SEWER, CLASS A, TYPE 2, 12"	RCP	2243EX	2344EX	12	122	1.71
2344EX	STORM SEWER, CLASS A, TYPE 2, 18"	RCP	2344EX	2430EX	18	88	1.63
2345EX	STORM SEWER, CLASS A, TYPE 2, 12"	RCP	2345EX	2390EX	12	54	3.01
2390EX	STORM SEWER, CLASS A, TYPE 2, 12"	RCP	2390EX	OUTLET 1-1EX	12	92	-
2430EX	STORM SEWER, CLASS A, TYPE 2, 18"	RCP	2430EX	OUTLET 1-2EX	18	75	-
2548EX	STORM SEWER, CLASS A, TYPE 2, 15"	RCP	2548EX	OUTLET 1-1EX	15	80	-
2619EX	STORM SEWER, CLASS A, TYPE 2, 18"	RCP	2619	OUTLET 1-2EX	18	129	-
2822EX	STORM SEWER, CLASS A, TYPE 2, 12"	RCP	2822EX	UNKNOWN	12	-	-
2844EX	STORM SEWER, CLASS A, TYPE 2, 12"	RCP	2844EX	2816EX	12	64	1.04
2915EX	STORM SEWER, CLASS A, TYPE 2, 12"	RCP	2915EX	2845EX	12	74	-0.37
1-1EX	UNKNOWN	RCP	OUTLET 1-1EX	OUTLET 1-2EX	54	220	

**PROPOSED DRAINAGE PIPES**

DRAINAGE PIPE ID	PAY ITEM NO.	TYPE OF PIPE	TYPE	FROM STRUCTURE	TO STRUCTURE	DIA. (IN)	LENGTH (FT)	SLOPE (%)
2034	550A0050	STORM SEWER, CLASS A, TYPE 1, 12"	RCP	2034	2067	12	67	1.01
2344	550A0050	STORM SEWER, CLASS A, TYPE 1, 12"	RCP	2344	2354	12	24	2.08
2651	550A0050	STORM SEWER, CLASS A, TYPE 1, 12"	RCP	2651	2628	12	25	2.00
2737	550A0380	STORM SEWER, CLASS A, TYPE 2, 18"	RCP	2737	2619	18	106	1.42
2761	550A0090	STORM SEWER, CLASS A, TYPE 1, 18"	RCP	2761	2737	18	20	3.50
2768	542A0217	PIPE CULVERTS, CLASS A, TYPE 1, 12"	RCP	2768	2783	12	25	2.00
2807	550A0070	STORM SEWER, CLASS A, TYPE 1, 15"	RCP	2807	2778	15	57	0.53
2833	550A0070	STORM SEWER, CLASS A, TYPE 1, 15"	RCP	2833	2787	15	52	0.48
2844	550A0360	STORM SEWER, CLASS A, TYPE 2, 15"	RCP	2844	2807	15	82	0.61
2915	550A0070	STORM SEWER, CLASS A, TYPE 1, 15"	RCP	2915EX	2833	15	80	0.32
2830	550A0050	STORM SEWER, CLASS A, TYPE 1, 12"	RCP	2830	2833	12	24	0.83

28100105	STONE RIPRAP CLASS A3			SQ YD
SHEET	STATION	OFFSET	APRON (FT)	QUANTITY
<b>OAKTON RD / GROSS POINT RD</b>				
DR-3	20+70	87.4 LT	10	8
DR-3	23+54	68.1 RT	10	8
DR-3	26+28	62.9 RT	10	8
<b>TOTAL:</b>				<b>24</b>

NOTE: STATION AND OFFSET TAKEN AT END OF HEADWALL / BEGINNING OF RIPRAP WITH RESPECT TO FLOW

60108204 PIPE UNDERDRAINS, TYPE 2, 4" FOOT					
SHEET	STATION	OFFSET	STATION	OFFSET	QUANTITY
<b>OAKTON RD / GROSS POINT RD</b>					
DR-3	20+36	25.3 LT	23+41	29.0 LT	306
DR-3	26+32	29.0 LT	28+44	29.3 LT	211
DR-3	26+41	33.0 RT	28+05	43.7 RT	166
<b>TOTAL:</b>					<b>683</b>

60108206 PIPE UNDERDRAINS, TYPE 2, 6" FOOT					
SHEET	STATION	OFFSET	STATION	OFFSET	QUANTITY
<b>I-94 (EDENS EXPWY)</b>					
DR-3	154+50	47.0 LT	156+20	47.9 LT	172
DR-3	152+85	11.3 LT	157+62	12.1 LT	479
DR-3	152+85	12.4 RT	157+62	12.0 RT	475
DR-3	154+30	47.4 RT	155+90	47.5 RT	158
<b>TOTAL:</b>					<b>1,284</b>

**DRAINAGE PIPE REMOVAL**

DRAINAGE PIPE ID	TYPE OF PIPE	TYPE	FROM STRUCTURE	TO STRUCTURE	DIA. (IN)	LENGTH (FT)	PAY ITEM
1861EX	STORM SEWER, CLASS A, TYPE 2, 10"	PVC	FES 1861	1184EX	10	191	55100400
2034EX	STORM SEWER, CLASS A, TYPE 2, 8"	PVC	2034EX	2069EX	8	72	55100300
2069EX	STORM SEWER, CLASS A, TYPE 2, 8"	PVC	2069EX	-	8	5	55100300
2297EX	PIPE CULVERT, 15"	CMP	EX CULVERT END STA 22+93, 76.2 RT	EX CULVERT END STA 23+01, 78.9 RT	12	10	50105220
2816EX	STORM SEWER, CLASS A, TYPE 2, 12"	RCP	2816EX	FES 1862	12	20	55100500
2844EX	STORM SEWER, CLASS A, TYPE 2, 12"	RCP	2844EX	2816EX	12	68	55100500
* 2915EX	STORM SEWER, CLASS A, TYPE 2, 12"	RCP	2915EX	2845EX	12	23	55100500
						50	X5509900
2788EX	PIPE CULVERT, 12"	PVC	EX CULVERT END STA 27+81, 156.8 RT	EX CULVERT END STA 27+93, 133.1 RT	12	27	50105220

\* - 2915EX EXISTING PIPE TO BE PARTIALLY REMOVED AND PARTIALLY ABANDONED AND FILLED. SEE DRAINAGE AND UTILITY PLAN AND PROFILE FOR DETAILS.

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USER NAME = astrashimirov  
PLOT SCALE = 100.0000' / in.  
PLOT DATE = 11/6/2023

DESIGNED - NKA  
DRAWN - NKA  
CHECKED - BA  
DATE - 08/11/2023

REVISED - ADDENDUM 11/07/2023  
REVISED -  
REVISED -  
REVISED -

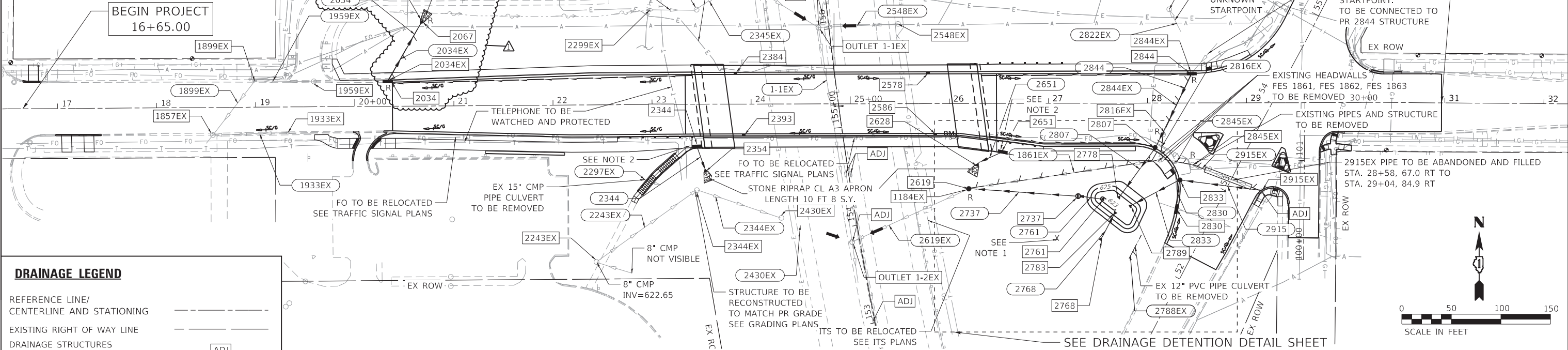
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE SCHEDULE  
OAKTON STREET OVER I-94 (EDENS EXPWY)**

SCALE: N.T.S. SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2019-197-B	COOK	201	57
CONTRACT NO. 62K70				
ILLINOIS FED. AID PROJECT				

- NOTE:
- THIS IS AN IRON ROD THAT WAS ERRONEOUSLY IDENTIFIED AS A MANHOLE IN THE PHASE I SURVEY.
  - ORIENTATE STRUCTURES 2344 AND 2651 PERPENDICULAR TO DIRECTION OF BIKE/PEDESTRIAN TRAFFIC.
  - CONTRACTOR IS RESPONSIBLE FOR REPLACEMENT OF DRAINAGE FEATURES TO CURRENT IDOT STANDARDS IF DAMAGED.
  - ITS RELOCATIONS MAY INCLUDE ELECTRIC, FIBER OPTIC, AND TELEPHONE.



**DRAINAGE LEGEND**

- REFERENCE LINE/CENTERLINE AND STATIONING
- EXISTING RIGHT OF WAY LINE
- DRAINAGE STRUCTURES TO BE ADJUSTED

**EXISTING DRAINAGE**

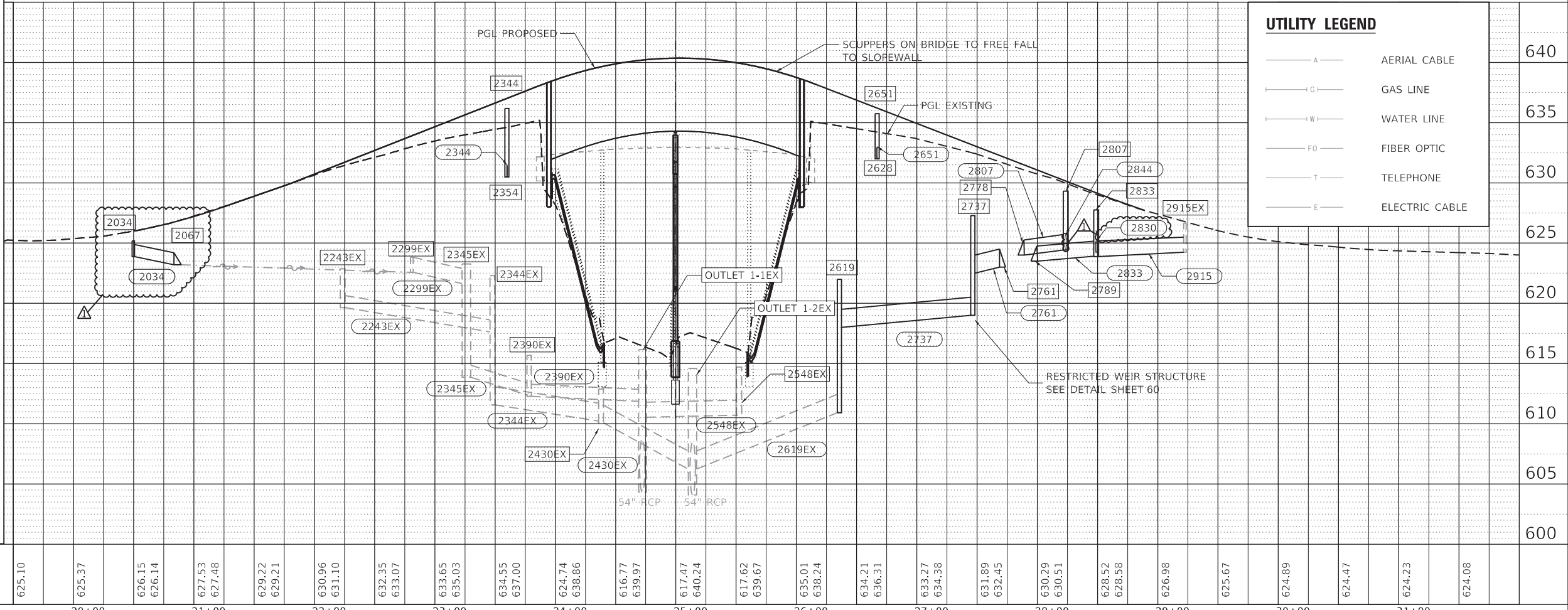
- STORM SEWER
- DITCH
- CATCH BASIN
- INLET
- CURB AND GUTTER FLOW
- DRAINAGE SUMMIT
- DRAINAGE STRUCTURE
- DRAINAGE PIPE
- HEADWALL

**PROPOSED DRAINAGE**

- STORM SEWER
- PIPE UNDERDRAIN
- DRAINAGE STRUCTURE
- DRAINAGE PIPE
- CATCH BASIN, OPEN LID
- INLET
- DRAINAGE SCUPPER, DS-11
- MANHOLE WITH RESTRICTOR AND WEIR
- HEADWALL
- OUTLET
- PIPE REMOVAL
- STRUCTURE REMOVAL

**UTILITY LEGEND**

- AERIAL CABLE
- GAS LINE
- WATER LINE
- FIBER OPTIC
- TELEPHONE
- ELECTRIC CABLE



625.10	625.37	626.15	626.14	627.53	627.48	629.22	629.21	630.96	631.10	632.35	633.07	633.65	635.03	634.55	637.00	624.74	638.86	616.77	639.97	617.47	640.24	617.62	639.67	635.01	638.24	634.21	636.31	633.27	634.38	631.89	632.45	630.29	630.51	628.52	628.58	626.98	625.67	624.89	624.47	624.23	624.08
20+00		21+00		22+00		23+00		24+00		25+00		26+00		27+00		28+00		29+00		30+00		31+00																			

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	NOTE BOOK	
	NO.	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
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	GRADES	
	CHECKED	
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**AEG ATLAS ENGINEERING GROUP, LTD.**

USER NAME = astrashimirov	DESIGNED - NKA	REVISED - ADDENDUM 11/07/2023
	DRAWN - NKA	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - BA	REVISED -
PLOT DATE = 11/6/2023	DATE - 08/11/2023	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY PLAN AND PROFILE  
 OAKTON STREET OVER I-94 (EDENS EXPWY)**

SCALE: 1"=50' SHEET 3 OF 4 SHEETS STA. TO STA.

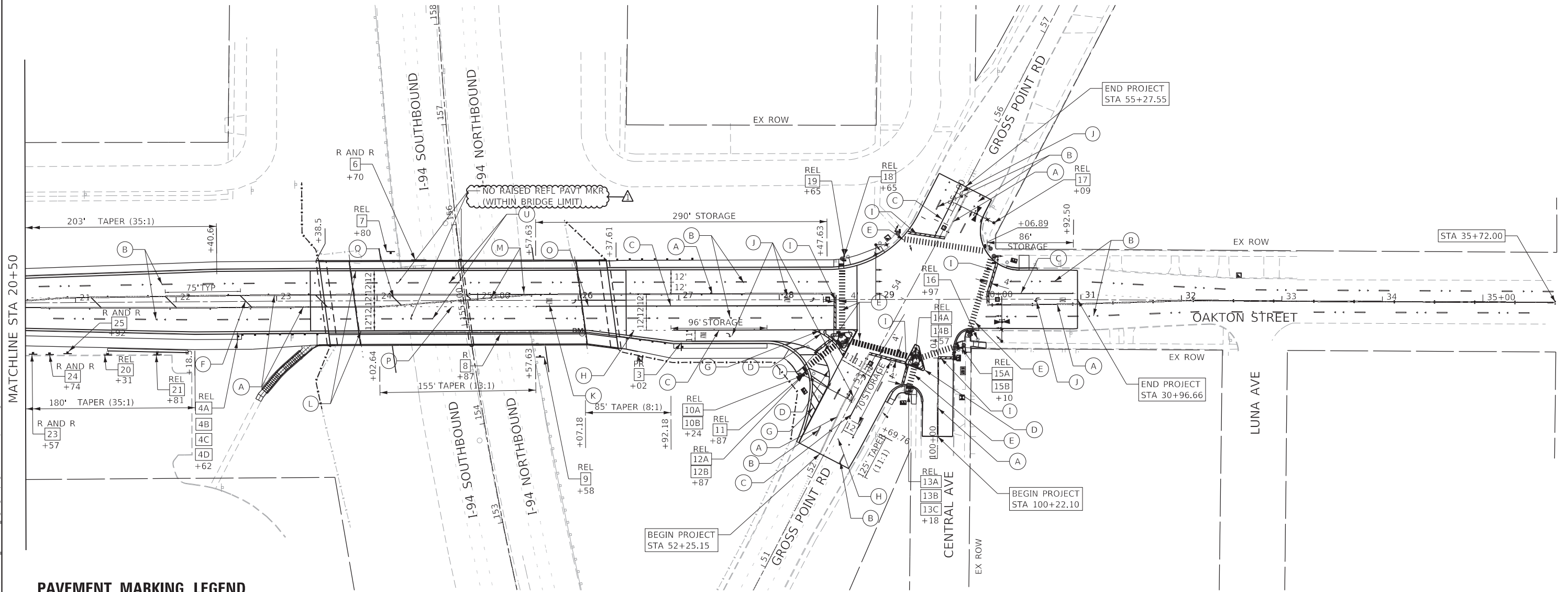
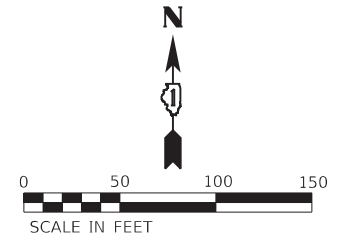
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2019-197-B	COOK	201	58
CONTRACT NO. 62K70				
ILLINOIS FED. AID PROJECT				





### SIGNING LEGEND

REL	RELOCATE
PR	PROPOSED
R AND R	REMOVE AND REINSTALL
R	REMOVE



### PAVEMENT MARKING LEGEND

- |  |   |
|--|---|
| (A) THERMOPLASTIC PAVEMENT MARKING LINE 4" (SOLID DOUBLE YELLOW, 11" C-C)      | (L) MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (SOLID WHITE EDGE LINE)  |
| (B) THERMOPLASTIC PAVEMENT MARKING LINE 4" (WHITE LANE LINE 10'-30' SKIP-DASH) | (M) MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (SOLID DOUBLE YELLOW, 11" C-C)   |
| (C) THERMOPLASTIC PAVEMENT MARKING LINE 6" (SOLID WHITE TURN LANE LINE)        | (N) THERMOPLASTIC PAVEMENT MARKING LINE 6" (SOLID WHITE CROSSWALK LINE)   |
| (D) THERMOPLASTIC PAVEMENT MARKING LINE 8" (SOLID WHITE EDGE LINE)             | (O) MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (SOLID WHITE TURN LANE LINE)   |
| (E) THERMOPLASTIC PAVEMENT MARKING LINE 12" (SOLID WHITE CROSSWALK LINE)       | (P) MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (WHITE 2'-6" SKIP TURN LANE LINE)  |
| (F) THERMOPLASTIC PAVEMENT MARKING LINE 12" (SOLID YELLOW DIAGONAL)            | (Q) MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (SOLID YELLOW DIAGONAL)   |
| (G) THERMOPLASTIC PAVEMENT MARKING LINE 12" (WHITE DIAGONALS)                  | (R) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE EDGE LINE)  |
| (H) THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE 2'-6" SKIP TURN LANE LINE)   | (S) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW EDGE LINE)   |
| (I) THERMOPLASTIC PAVEMENT MARKING LINE 24" (SOLID WHITE STOP BAR)             | (T) PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 5" (WHITE LANE LINE 10'-30' SKIP DASH) (GROOVED)                              |
| (J) THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS (WHITE)                 | (U) PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 7" (LANE LINE 10'-30' SKIP DASH) (1.5" BLACK, 4" WHITE, 1.5" BLACK) (GROOVED) |
| (K) MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)           |   |

### NOTES:

- SEE GENERAL PAVEMENT MARKING AND SIGNING NOTES ON GENERAL NOTES AND SIGNING SCHEDULE SHEET.
  - THE PROPOSED PAVEMENT MARKING AT THE WEST LIMIT WILL BE EXTENDED TO STA. 13+00 AND AT THE EAST LIMIT TO STA. 35+72
- \* QUANTITIES OUTSIDE THE LIMITS OF THE SECTION ARE INCLUDED IN THE QUANTITIES LISTED.

MODEL: Default  
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<b>AEG</b> ATLAS ENGINEERING GROUP, LTD.	USER NAME = astrashimirov	DESIGNED - CVP	REVISED - ADDENDUM 11/07/2023
	PLOT SCALE = 100,0000' / in.	DRAWN - CVP	REVISED -
	PLOT DATE = 11/6/2023	CHECKED - BA	REVISED -
		DATE - 08/11/2023	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT MARKING AND SIGNING PLAN</b>			
<b>OAKTON STREET</b>			
SCALE: 1"=50'	SHEET 7	OF 10 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2019-197-B	COOK	201	77
CONTRACT NO. 62K70				
ILLINOIS FED. AID PROJECT				

SCHEDULES

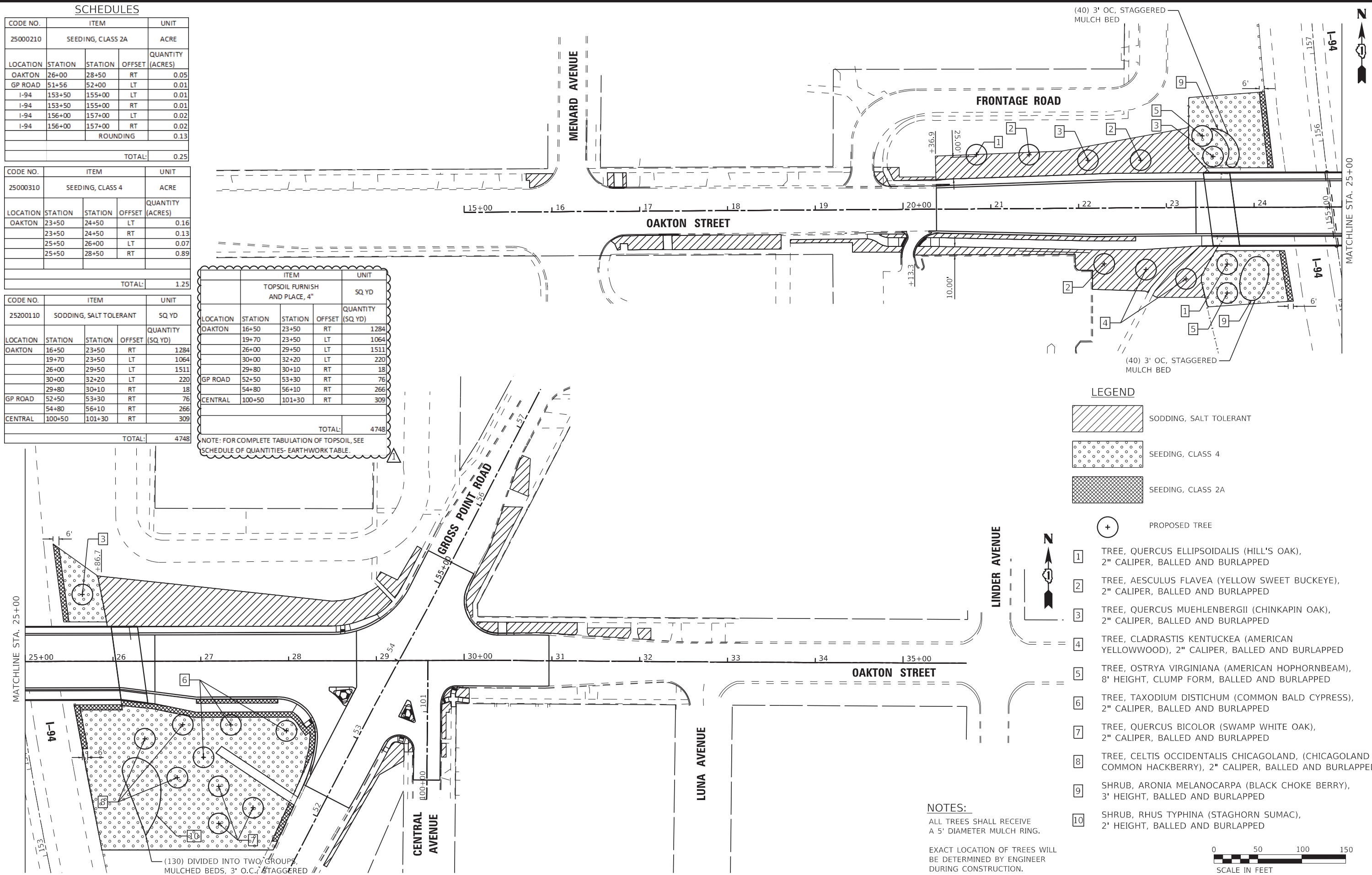
CODE NO.	ITEM	UNIT		
25000210	SEEDING, CLASS 2A	ACRE		
LOCATION	STATION	STATION	OFFSET	QUANTITY (ACRES)
OAKTON	26+00	28+50	RT	0.05
GP ROAD	51+56	52+00	LT	0.01
I-94	153+50	155+00	LT	0.01
I-94	153+50	155+00	RT	0.01
I-94	156+00	157+00	LT	0.02
I-94	156+00	157+00	RT	0.02
	ROUNDING			0.13
TOTAL:				0.25

CODE NO.	ITEM	UNIT		
25000310	SEEDING, CLASS 4	ACRE		
LOCATION	STATION	STATION	OFFSET	QUANTITY (ACRES)
OAKTON	23+50	24+50	LT	0.16
	23+50	24+50	RT	0.13
	25+50	26+00	LT	0.07
	25+50	28+50	RT	0.89
TOTAL:				1.25

CODE NO.	ITEM	UNIT		
25200110	SODDING, SALT TOLERANT	SQ YD		
LOCATION	STATION	STATION	OFFSET	QUANTITY (SQ YD)
OAKTON	16+50	23+50	RT	1284
	19+70	23+50	LT	1064
	26+00	29+50	LT	1511
	30+00	32+20	LT	220
	29+80	30+10	RT	18
GP ROAD	52+50	53+30	RT	76
	54+80	56+10	RT	266
CENTRAL	100+50	101+30	RT	309
TOTAL:				4748

ITEM	UNIT			
TOPSOIL FURNISH AND PLACE, 4"	SQ YD			
LOCATION	STATION	STATION	OFFSET	QUANTITY (SQ YD)
OAKTON	16+50	23+50	RT	1284
	19+70	23+50	LT	1064
	26+00	29+50	LT	1511
	30+00	32+20	LT	220
	29+80	30+10	RT	18
GP ROAD	52+50	53+30	RT	76
	54+80	56+10	RT	266
CENTRAL	100+50	101+30	RT	309
TOTAL:				4748

NOTE: FOR COMPLETE TABULATION OF TOPSOIL, SEE SCHEDULE OF QUANTITIES- EARTHWORK TABLE.



LEGEND

- SODDING, SALT TOLERANT
- SEEDING, CLASS 4
- SEEDING, CLASS 2A
- PROPOSED TREE
- TREE, QUERCUS ELLIPSOIDALIS (HILL'S OAK), 2" CALIPER, BALLED AND BURLAPPED
- TREE, AESCULUS FLAVEA (YELLOW SWEET BUCKEYE), 2" CALIPER, BALLED AND BURLAPPED
- TREE, QUERCUS MUEHLENBERGII (CHINKAPIN OAK), 2" CALIPER, BALLED AND BURLAPPED
- TREE, CLADRASTIS KENTUCKEA (AMERICAN YELLOWWOOD), 2" CALIPER, BALLED AND BURLAPPED
- TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 8' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED
- TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 2" CALIPER, BALLED AND BURLAPPED
- TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED
- TREE, CELTIS OCCIDENTALIS CHICAGOLAND, (CHICAGOLAND COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED
- SHRUB, ARONIA MELANOCARPA (BLACK CHOKE BERRY), 3' HEIGHT, BALLED AND BURLAPPED
- SHRUB, RHUS TYPHINA (STAGHORN SUMAC), 2' HEIGHT, BALLED AND BURLAPPED

NOTES:

ALL TREES SHALL RECEIVE A 5' DIAMETER MULCH RING.  
EXACT LOCATION OF TREES WILL BE DETERMINED BY ENGINEER DURING CONSTRUCTION.

	USER NAME = mornij	DESIGNED - AKS	REVISED - ADDENDUM 11-7-2023
	PLOT SCALE = 100,0000' / in.	DRAWN - MJO	REVISED -
	PLOT DATE = 11/3/2023	CHECKED - DTH	REVISED -
		DATE = 11/3/2023	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

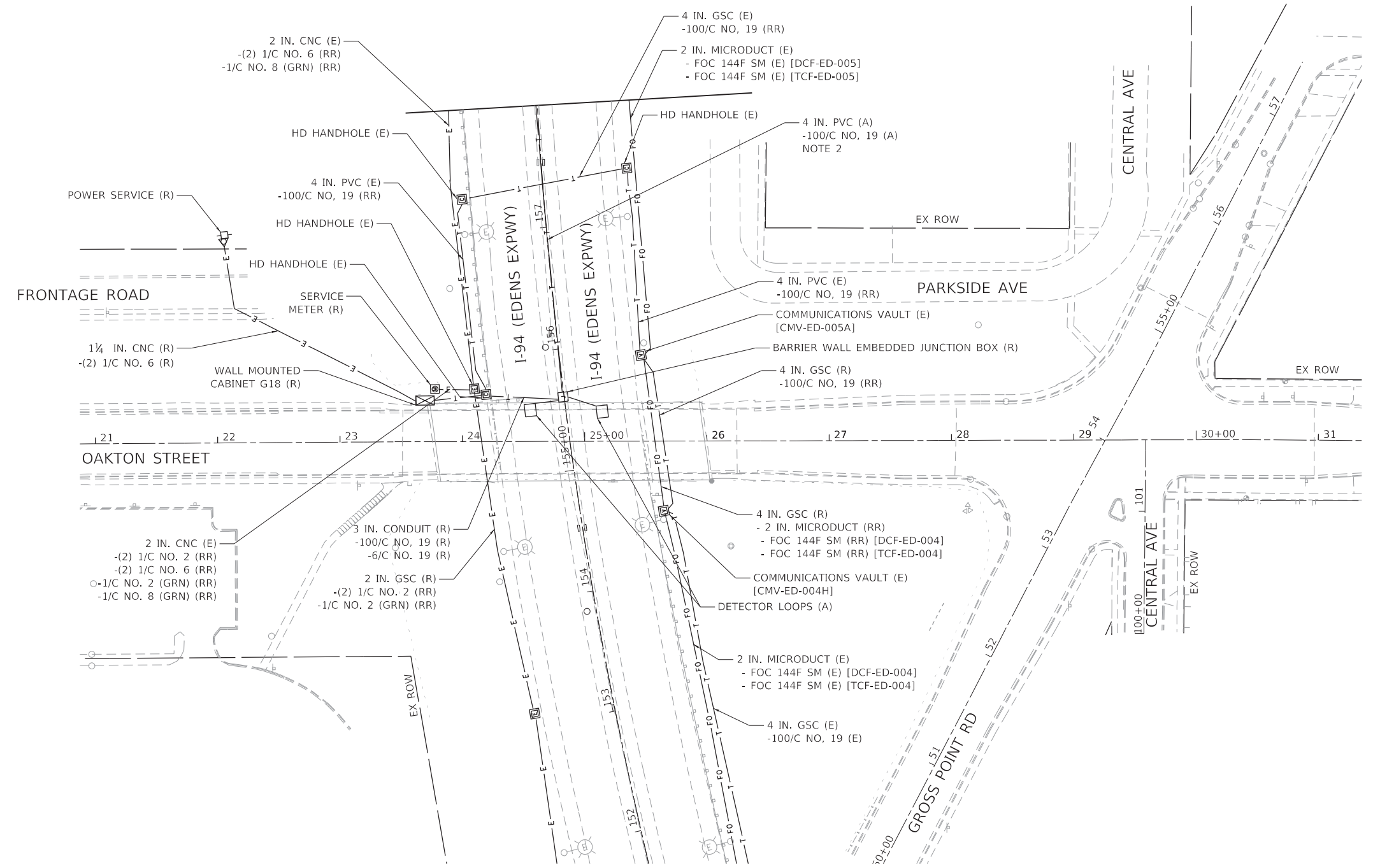
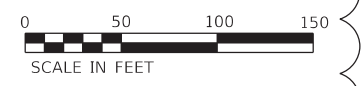
LANDSCAPING PLAN  
OAKTON STREET

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2019-197-B	COOK	201	87
CONTRACT NO. 62K70				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
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**NOTES:**

1. SEE SHEET ITS-1 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
2. DISCONNECT 100/C CABLE AT EXISTING MEDIAN JUNCTION BOX NEAR OAKTON ST. BRIDGE. EXISTING CONDUIT AND 100/C NO, 19 CABLE SHALL BE ABANDONED IN PLACE UP TO THE PROPOSED MEDIAN REPLACEMENT. SEE DRAWING ITS-3 FOR PROPOSED WORK.

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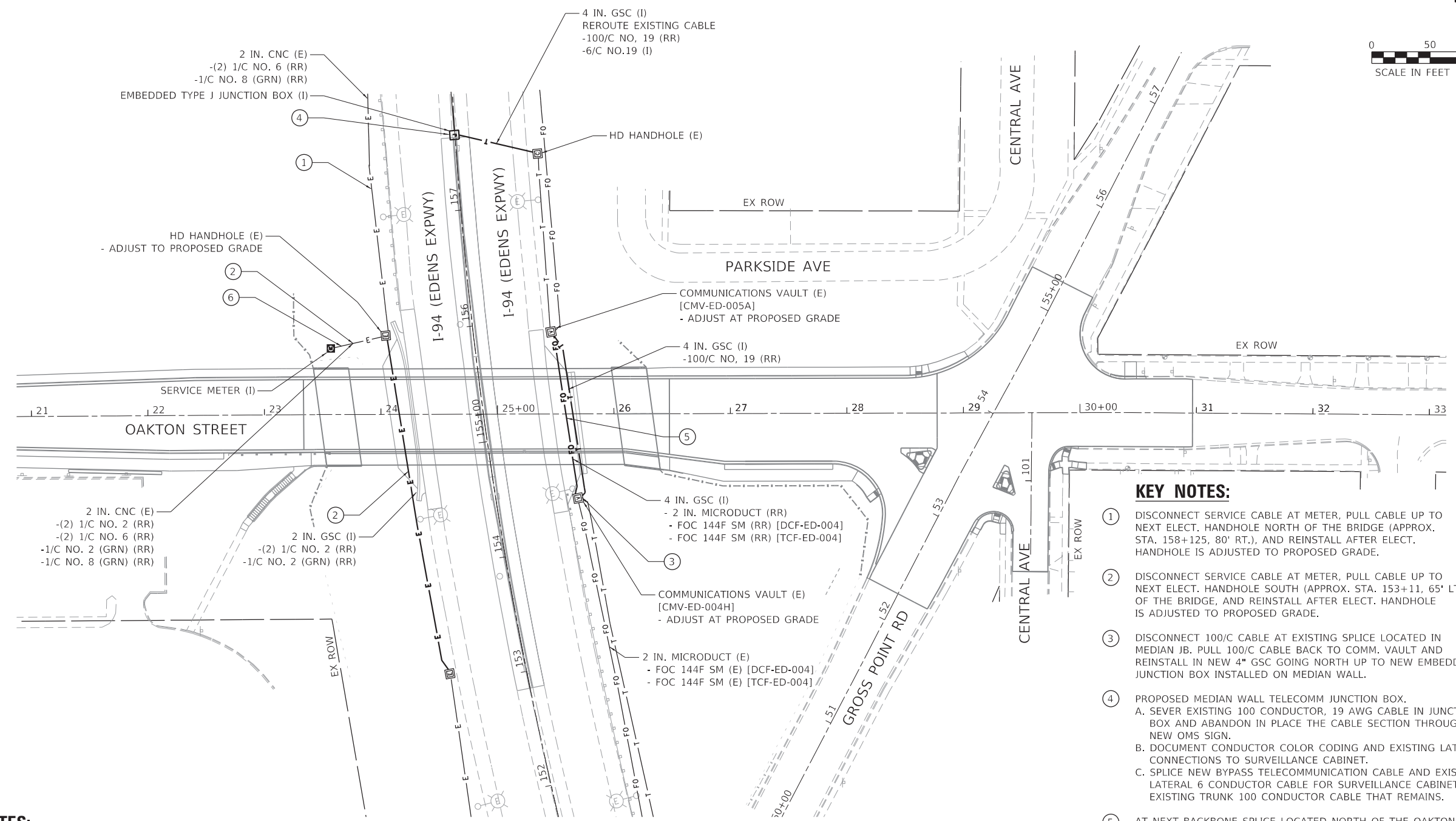
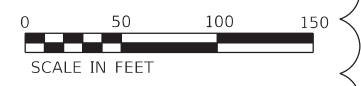
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PLOT SCALE = 100.0000' / in.	DRAWN - VG	REVISED -
PLOT DATE = 11/3/2023	CHECKED - RP	REVISED -
	DATE - 11/3/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING ITS PLAN**

SCALE: 1:50    SHEET 2 OF 20 SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2019-197-B	COOK	201	124B
CONTRACT NO. 62K70				
ILLINOIS FED. AID PROJECT				



**NOTES:**

1. SEE SHEET ITS-1 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.

**KEY NOTES:**

- 1 DISCONNECT SERVICE CABLE AT METER, PULL CABLE UP TO NEXT ELECT. HANDHOLE NORTH OF THE BRIDGE (APPROX. STA. 158+125, 80' RT.), AND REINSTALL AFTER ELECT. HANDHOLE IS ADJUSTED TO PROPOSED GRADE.
- 2 DISCONNECT SERVICE CABLE AT METER, PULL CABLE UP TO NEXT ELECT. HANDHOLE SOUTH (APPROX. STA. 153+11, 65' LT.) OF THE BRIDGE, AND REINSTALL AFTER ELECT. HANDHOLE IS ADJUSTED TO PROPOSED GRADE.
- 3 DISCONNECT 100/C CABLE AT EXISTING SPLICE LOCATED IN MEDIAN JB. PULL 100/C CABLE BACK TO COMM. VAULT AND REINSTALL IN NEW 4" GSC GOING NORTH UP TO NEW EMBEDDED JUNCTION BOX INSTALLED ON MEDIAN WALL.
- 4 PROPOSED MEDIAN WALL TELECOMM JUNCTION BOX.  
A. SEVER EXISTING 100 CONDUCTOR, 19 AWG CABLE IN JUNCTION BOX AND ABANDON IN PLACE THE CABLE SECTION THROUGH THE NEW OMS SIGN.  
B. DOCUMENT CONDUCTOR COLOR CODING AND EXISTING LATERAL CONNECTIONS TO SURVEILLANCE CABINET.  
C. SPLICE NEW BYPASS TELECOMMUNICATION CABLE AND EXISTING LATERAL 6 CONDUCTOR CABLE FOR SURVEILLANCE CABINET TO THE EXISTING TRUNK 100 CONDUCTOR CABLE THAT REMAINS.
- 5 AT NEXT BACKBONE SPLICE LOCATED NORTH OF THE OAKTON STREET BRIDGE (COMMUNICATIONS VAULT CMV-ED-006C-RIGHT SHOULDER SB 194 N OF DEMPSTER, APPROXIMATELY 6500' NORTH), REMOVE EXISTING FIBER OPTIC BACKBONE SPLICE FOR BOTH TRUNK AND DISTRIBUTION FIBER OPTIC CABLES. PULL BOTH BACKBONES UP TO THE EXISTING COMMUNICATION VAULT LOCATED JUST SOUTH OF OAKTON STREET BRIDGE. RE-ROUTE BOTH BACKBONES TO THE NEWLY INSTALLED 4" GSC CONDUIT UNDER OAKTON STREET BRIDGE. RE-SPLICE BOTH BACKBONE AT SAME LOCATIONS.
- 6 INTERCEPT EXISTING CONDUIT.

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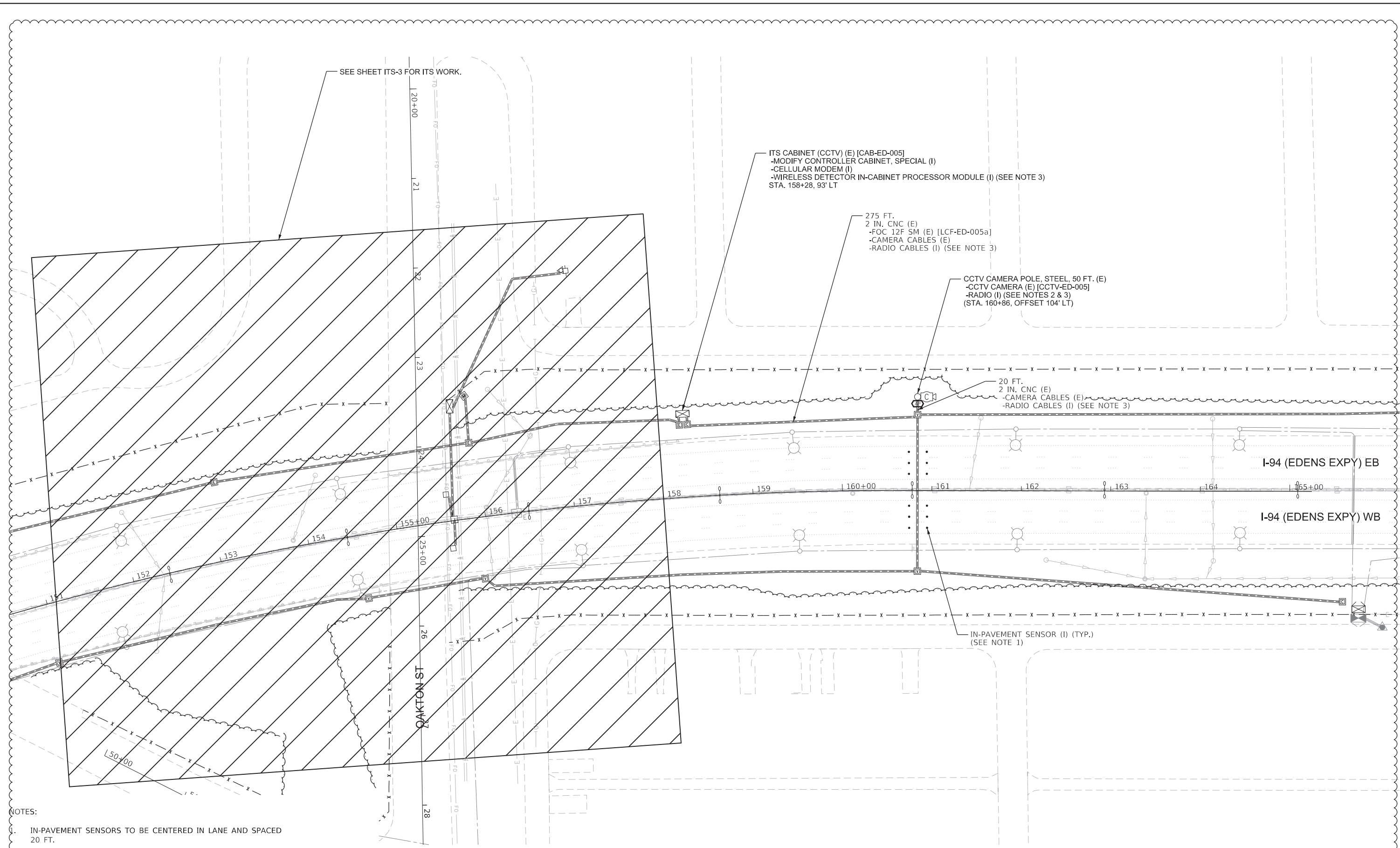
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED ITS PLAN**

SCALE: 1:50 SHEET 3 OF 20 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2019-197-B	COOK	201	124C
CONTRACT NO. 62K70				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
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- NOTES:
1. IN-PAVEMENT SENSORS TO BE CENTERED IN LANE AND SPACED 20 FT.
  2. RADIO UNIT TO BE MOUNTED 30 FT. ABOVE ROADWAY.
  3. ITEM TO BE PAID FOR AS WIRELESS IN-PAVEMENT DETECTOR SYSTEM.

ITS- 4



USER NAME = vnunez	DESIGNED - VJZ	REVISED - ADDENDUM 11/7/2023
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PLOT DATE = 11/3/2023	CHECKED - RPRH	REVISED -
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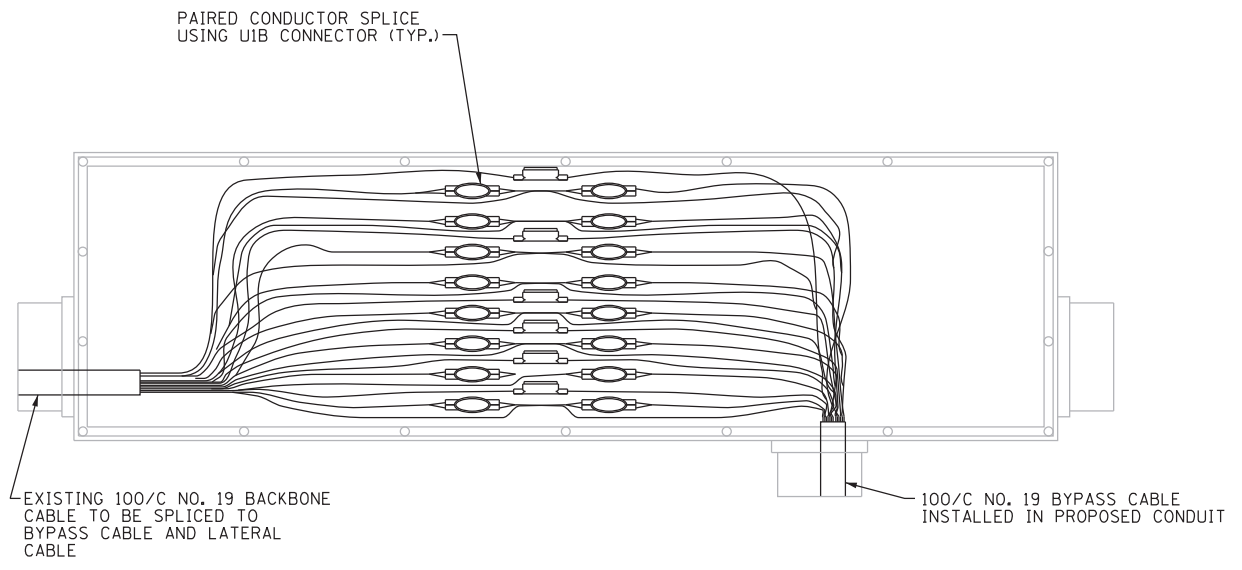
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PROPOSED ITS PLAN

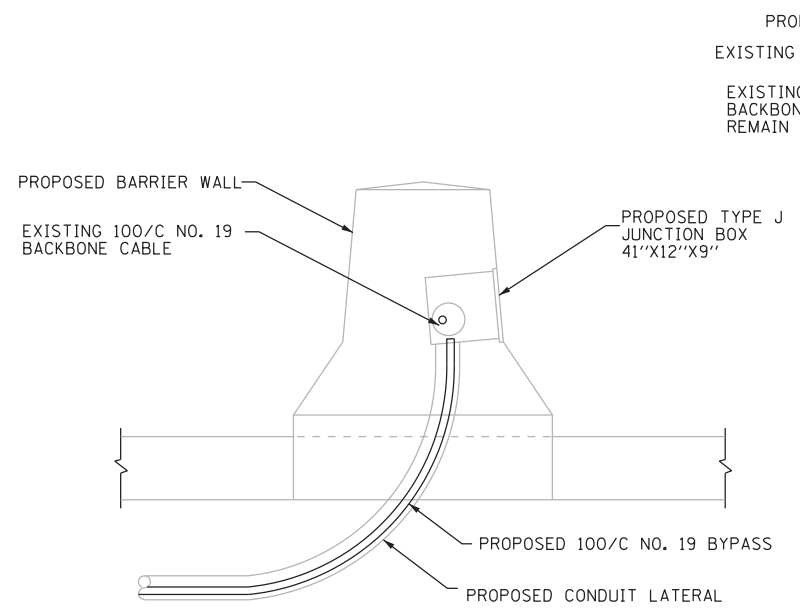
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62K70				

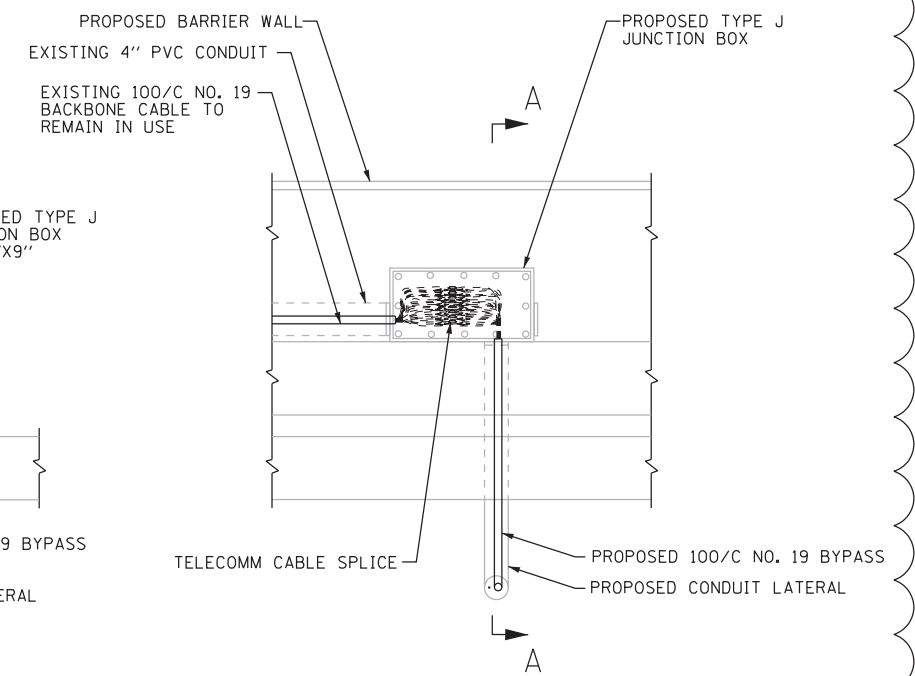
ILLINOIS FED. AID PROJECT



**MEDIAN WALL TELECOMM JUNCTION BOX SPLICE**  
NOT TO SCALE



**SECTION A-A**  
NOT TO SCALE



**PROPOSED MEDIAN WALL JUNCTION BOX DETAIL**  
NOT TO SCALE

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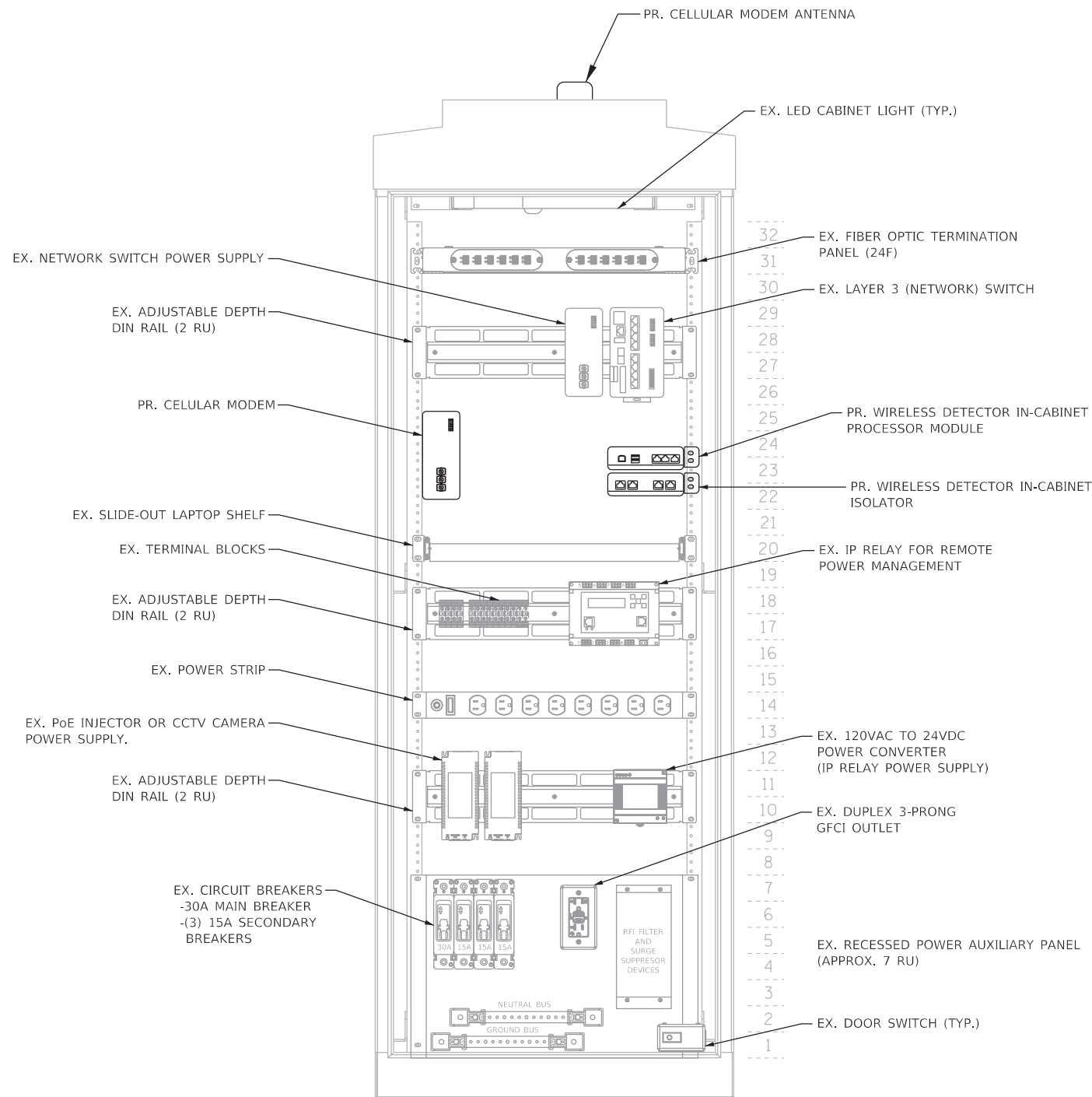
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PLOT DATE = 11/3/2023	DATE - 11/3/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

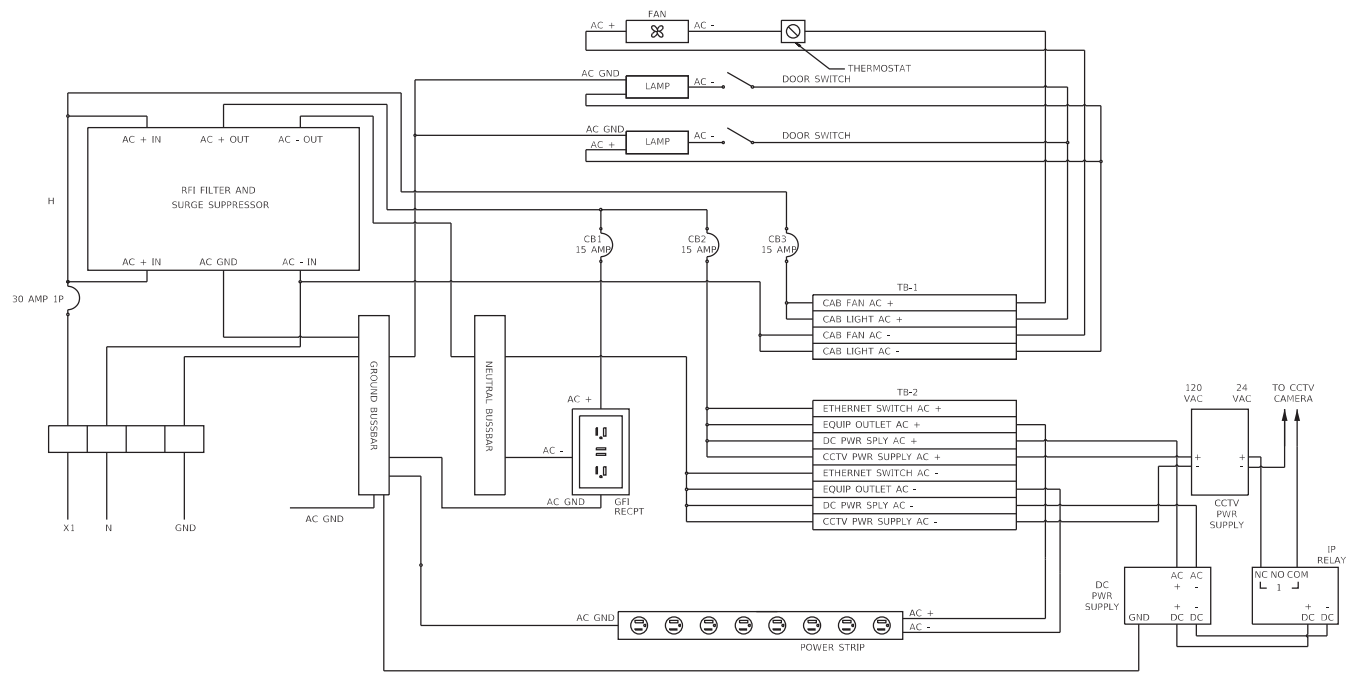
**ITS DETAILS**

SCALE: NA SHEET 5 OF 20 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2019-197-B	COOK	201	124E
CONTRACT NO. 62K70				
ILLINOIS FED. AID PROJECT				



**CABINET LAYOUT**



**CABINET POWER DISTRIBUTION SINGLE LINE DIAGRAM**

NOTES:  
 1. CABINET FAN AND THERMOSTAT NOT SHOWN FOR CLARITY.

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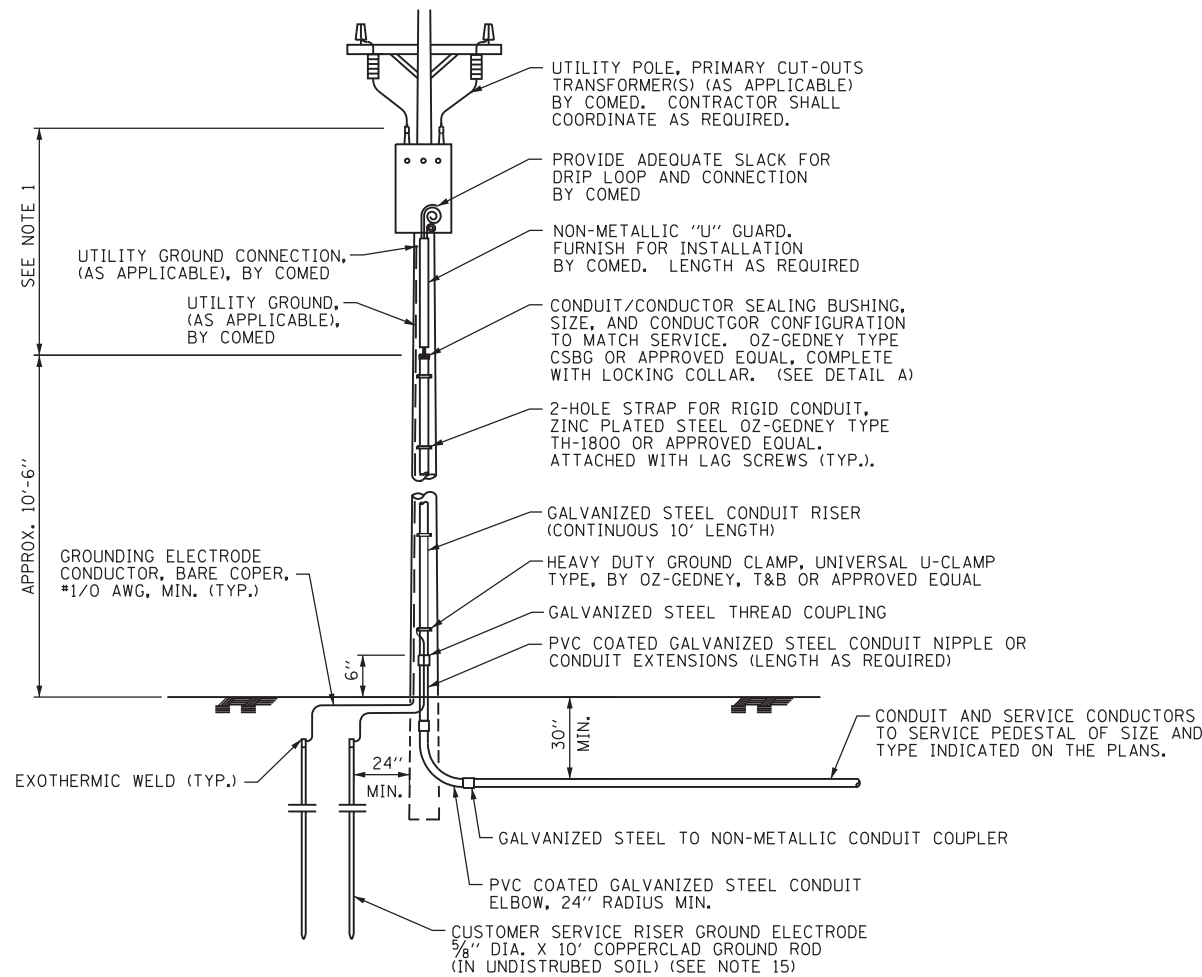
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	DATE - 10/3/2023	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

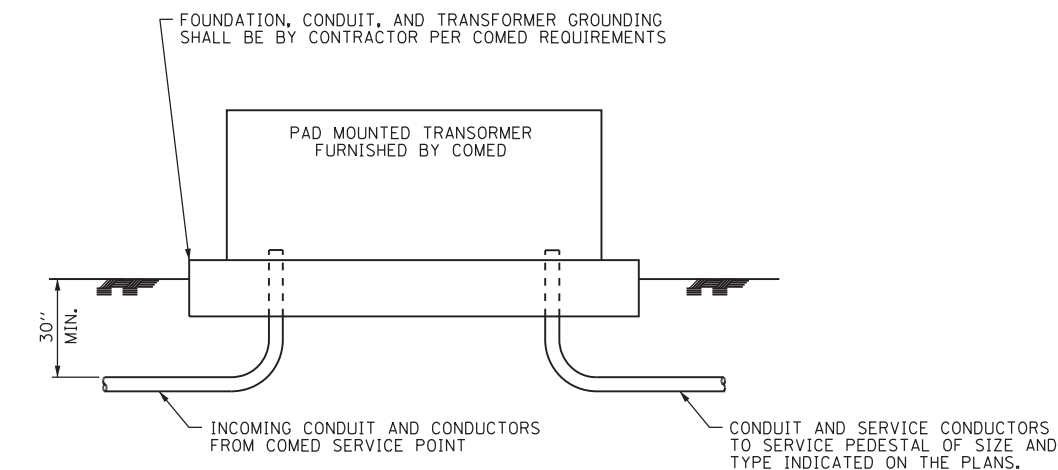
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2019-197-B	COOK	201	124F
CONTRACT NO. 62K70				
ILLINOIS FED. AID PROJECT				





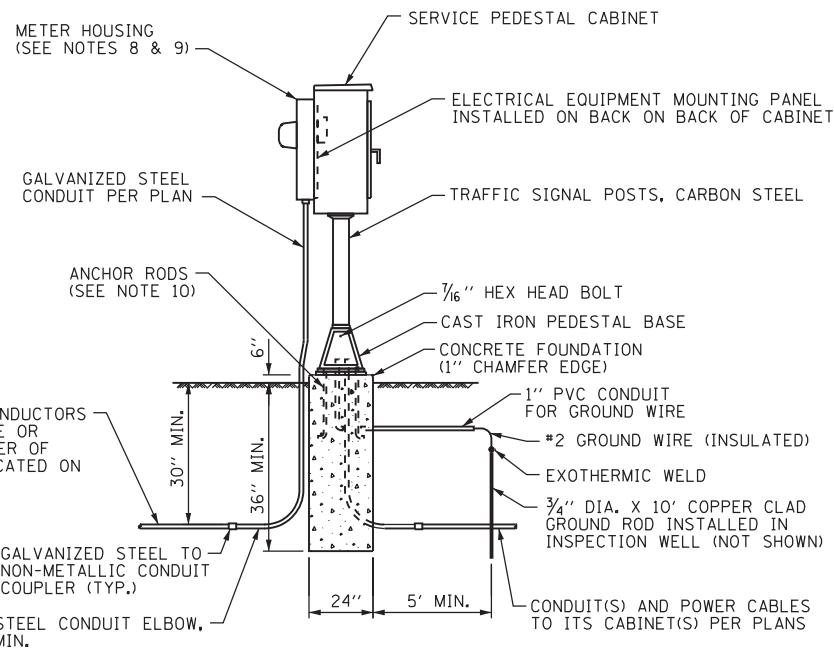
**UTILITY SERVICE POLE**



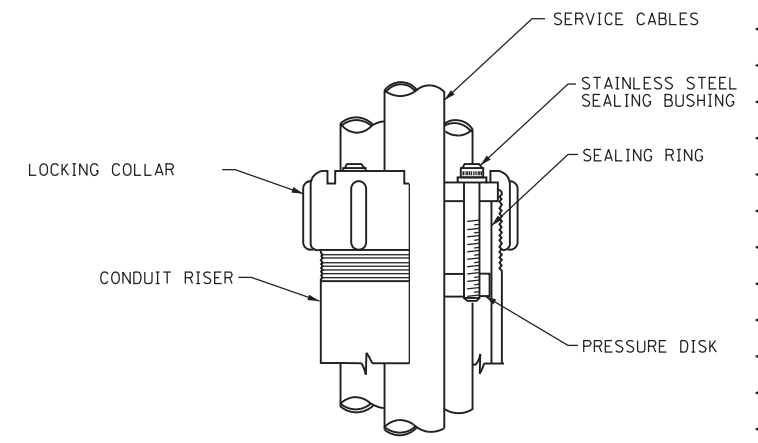
**UTILITY PAD-MOUNTED TRANSFORMER**

**NOTES:**

1. ASCERTAIN AND ASSURE CLEARANCE FROM UTILITY SECONDARY SPACE AS APPLICABLE.
2. CABINET SHALL BE FABRICATED ALUMINUM NEMA TYPE 3R WITH MINIMUM THICKNESS OF 0.1875", MINIMUM INTERIOR CABINET SPACE SHALL BE 36" X 20"W X 15" D.
3. THE CABINET DOOR SHALL BE HINGED ON THE RIGHT SIDE WHEN FACING THE CABINET. THE DOOR SHALL BE FURNISHED WITH A GASKET THAT SHALL FORM A WEATHER TIGHT SEAL BETWEEN THE CABINET AND DOOR. THE HINGES SHALL BE CONTINUOUS AND BOLTED TO THE CABINET AND DOOR TILIZING 1/4-20 STAINLESS STEEL CARRIAGE BOLTS AND NY-LOCKNUTS. THE HINGES WILL BE MADE OF STAINLESS STEEL WITH A 0.25 INCH (6.35 mm) DIAMETER STAINLESS STEEL HINGE PIN. THE HINGE PIN SHALL BE CAPPED TOP AND BOTTOM BY WELD TO RENDER IT TAMPER PROOF.
4. THE LATCHING MECHANISM SHALL BE A 3 POINT DRAW ROLLER TYPE. THE CENTER CATCH AND PUSHRODS SHALL BE EITHER CADMIUM OR ZINC PLATED, TYPE II CLASS I. PUSHRODS WILL BE TURNED EDGEWISE AT THE OUTWARD SUPPORTS AND SHALL BE 0.25 INCH BY 0.75 INCH, MINIMUM. ROLLERS SHALL HAVE A MINIMUM DIAMETER OF 0.875 INCH AND WILL BE MADE OF NYLON. THE CENTER CATCH SHALL BE FABRICATED FROM 0.14 INCH (3.55 mm) STEEL, MINIMUM. WHEN THE DOOR IS CLOSED AND LATCHED, IT WILL BE LOCKED. THE LATCHING HANDLE SHALL HAVE A PROVISION FOR PADLOCKING IN THE CLOSED POSITION. AN OPERATING HANDLE SHALL BE FURNISHED WITH EACH LOCK. THE HANDLE WILL BE STAINLESS STEEL WITH A 0.75 INCH DIAMETER SHANK.
5. CABINET DOOR SHALL NOT HAVE COMPARTMENT DOORS OR LOUVERS.
6. ALL FIELD CABINETS SHALL BE FITTED WITH BRASS LOCKS.
7. POST TOP MOUNTED CABINETS, SHALL HAVE A 0.25 INCH BOTTOM OF CABINET WELDED.
8. METER HOUSING SHALL BE MOUNTED TO BACK WALL OF SERVICE PEDESTAL CABINET.
9. CABLES FROM METER HOUSING SHALL PASS THROUGH BACK WALL OF OF CABINET.
10. CONTRACTOR SHALL COORDINATE WITH PEDESTAL BASE MANUFACTURER AND FURNISH COMPATIBLE ANCHOR BOLTS.
11. ALL EQUIPMENT SHALL BE GROUNDED AND BONDED IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE AND NATIONAL ELECTRICAL SAFETY CODE.
12. UNLESS OTHERWISE INDICATED, ITEMS AND WORK SHOWN ON THIS SHEET SHALL BE INCLUDED UNDER PAY ITEM "ELECTRIC SERVICE INSTALLATION".
13. CONDUIT AND SERVICE CONDUCTORS SHALL BE OF THE SIZE AND TYPE INDICATED ON THE PLANS.
14. PVC COATED RACEWAYS AND ACCESSORIES SHALL BE INSTALLED WITH MANUFACTURER RECOMMENDED TOOLS AND PROCEDURES TO AVOID DAMAGE. ANY DAMAGED COMPONENTS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
15. THE CONTRACTOR SHALL OBTAIN INSPECTION AND APPROVAL BY THE ENGINEER OF THE SERVICE RISER GROUND ELECTRODE, RISER ELBOW, NIPPLE, AND CONNECTION TO SERVICE CONDUCTOR RACEWAY EXTENSION PRIOR TO BACK FILLING AND SHALL ALSO OBTAIN INSPECTION OF SERVICE RISER AND SEALING BUSHING BEFORE UTILITY "U" GUARD INSTALLATION AND SERVICE CONNECTION.
16. PLANS AND DETAILS INDICATE THE GENERAL NATURE AND REQUIREMENTS OF ELECTRIC SERVICE INSTALLATION. THEY DO NOT SHOW EVERY ACCESSORY AND ATTACHMENT, AND THEY DO NOT RELIEVE THE CONTRACTOR OF THE REQUIREMENTS OF THE SPECIFICATIONS AND SPECIAL PROVISIONS IN TO ASCERTAIN UTILITY REQUIREMENTS AND TO COORDINATE ACCORDINGLY. FURNISHING ALL ITEMS AND WORK NOT PROVIDED BY COMED, BUT NECESSARY FOR COMPLETE ELECTRIC SERVICE INSTALLATION IS REQUIRED AND SHALL BE INCLUDED IN PAY ITEM "ELECTRIC SERVICE INSTALLATION".



**SERVICE PEDESTAL WITH METER**



**DETAIL A**

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	DATE - 11/3/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

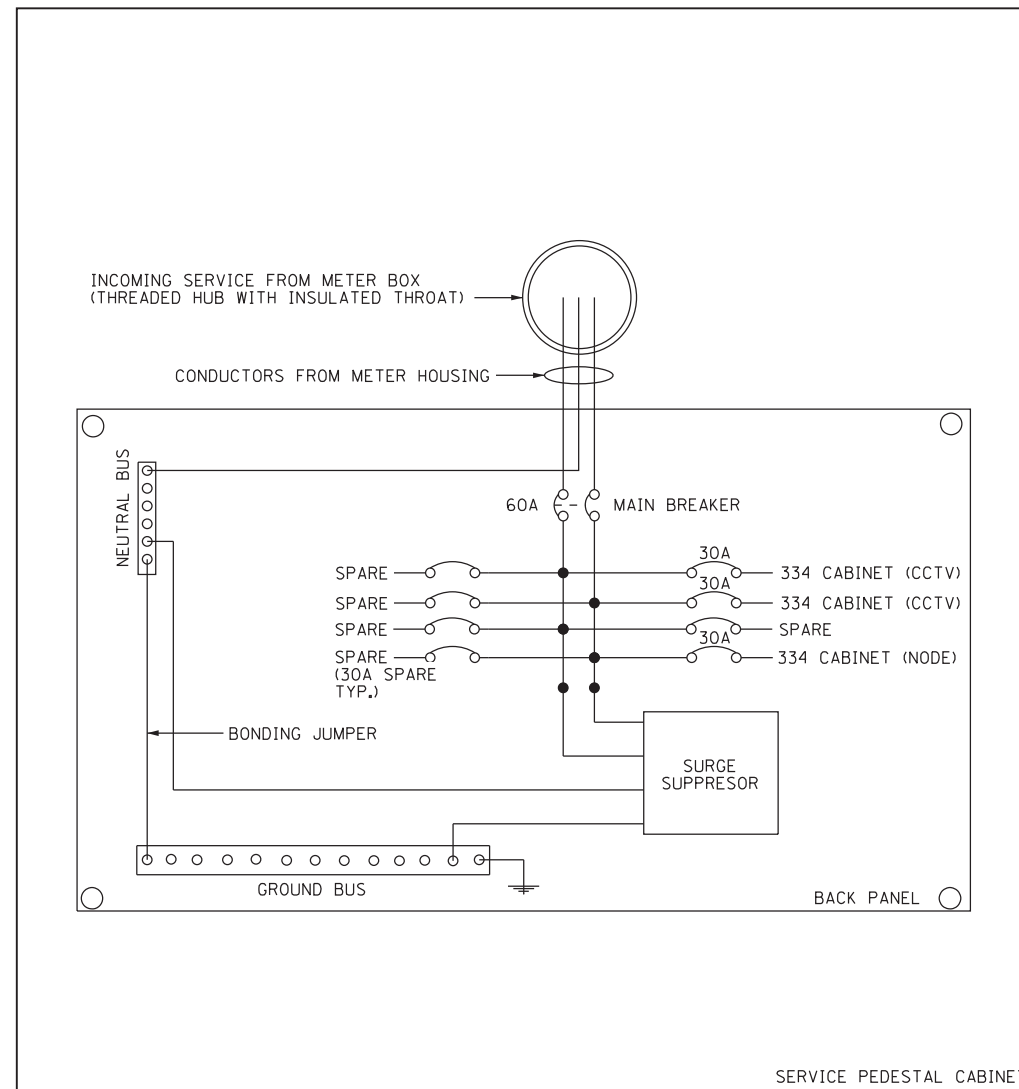
**ELECTRIC SERVICE  
INSTALLATION DETAILS**

SCALE: NA SHEET 7 OF 20 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2019-197-B	COOK	201	124G
CONTRACT NO. 62K70				
ILLINOIS FED. AID PROJECT				

NOTES:

1. CABINET SHALL BE EQUIPED WITH A MAIN BREAKER OF THE SIZE INDICATED FOR DEVICE LOCATIONS FED FROM THE CABINET PER THE PLANS. SEPERATE CIRCUIT BRAKERS SHALL BE INSTALLED FOR EACH DEVICE LOCATION FED FROM THE SERVICE PEDESTAL. THE NUMBER, SIZE, AND TYPE OF CICRCUIT BREAKERS VARIES BETWEEN SEVICE LOCATIONS.
2. THE ELECTRIC SERVICE EQUIPMENT ASSEMBLY SHALL BE UL LABELED, SUITABLE FOR USE AS SERVICE EQUIPMENT. CIRCUIT BREAKERS SHALL BE THERMAL MAGNETIC BOLT-ON TYPE WITH A MINIMUM INTERRUPTING CAPACITY OF 65,000 SYMETRICAL AMPERES AT 240 VOLTS. THEY SHALL BE LOCKABLE IN THE "OFF" POSITION FOR COMPLIANCE WITH OSHA LOCK-OUT/TAG-OUT REQUIREMENTS. HANDLES SHALL BE TRIP FREE.
3. THE SURGE PROTECTOR SHALL BE SUITABLE FOR 240/120 VOLT SINGLE PHASE 60HZ AC ELECTRICAL SERVICE, WITH A SURGE ENERGY CAPABILITY OF >3600 JOULES OR BETTER AT 8/20 MICROSECONDS, RATED -40 TO 65 DEGREES C., WITH LED OPERATING INDICATORS, AND SHALL BE UL LISTED PER UL 1449, CUTLER-HAMMER CMOV 230L065XST OR APPROVED EQUAL.
4. BUS BARS, CONNECTORS, AND LUGS SHALL BE COPPER, INSULATED AND ISOLATED AND CONFIGURED TO PREVENT SHORTED CONDITIONS FROM TIGHTENING TERMINATIONS, ETC. THE OVERALL BUS SECTION SHALL BE CONFIGURED BEHIND AN INSULATING BARRIER SHIELD WHICH IS REMOVABLE FOR ACCESS TO CONNECTIONS.
5. THE HEADS OF GROUND SCREWS SHALL BE PAINTED GREEN. THE HEADS OF NEUTRAL SCREWS SHALL BE PAINTED WHITE.
6. A PLASTIC LAMINATED CABINET LAYOUT DIAGRAM, CIRCUIT SCHEMATIC, AND BILL OF MATERIALS WITH CATALOG NUMBERS USED SHALL BE AFFIXED TO THE INTERIOR SIDE OF THE ENCLOSURE DOOR.
7. A 2-COLOR ENGRAVED PLASTIC NAMEPLATE, ATTACHED WITH SCREWS, AND ENGRAVED AS INDICATED, SHALL BE PROVIDED FOR EACH MAIN BREAKER.



**SERVICE PEDESTAL CABINET WIRING AND EQUIPMENT LAYOUT  
CCTV CAMERA AND ITS NODE LOCATIONS**

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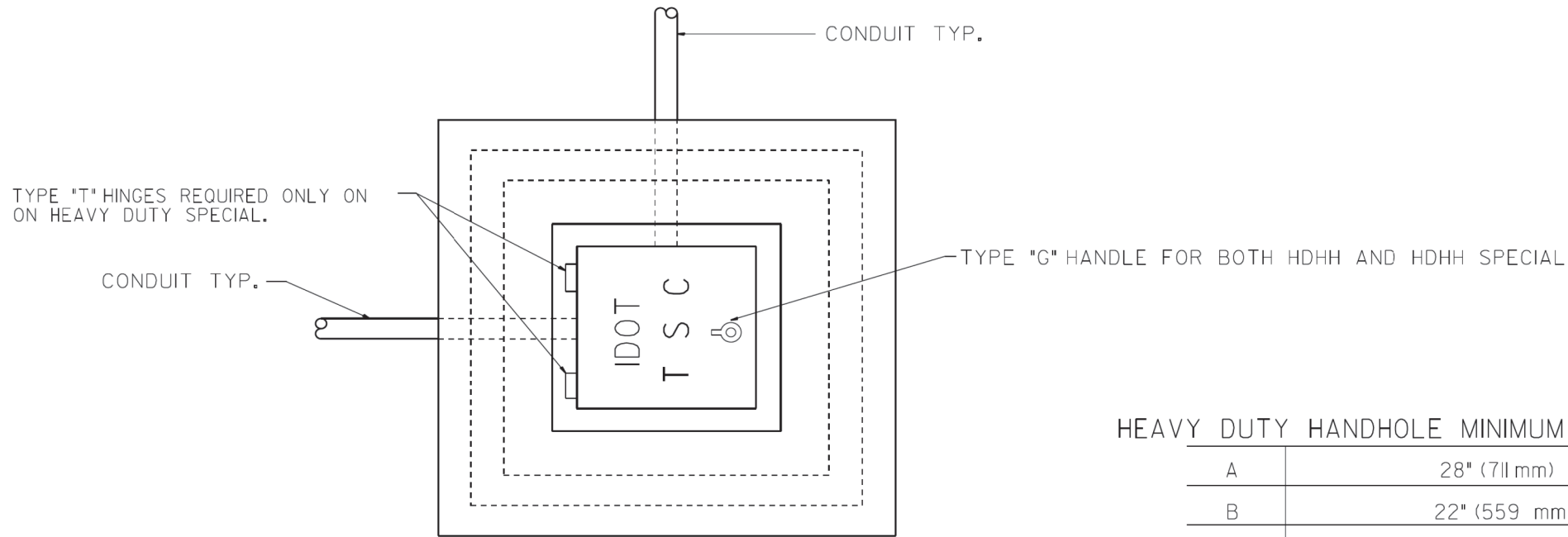
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PLOT DATE = 11/3/2023	DATE - 11/3/2023	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ELECTRIC SERVICE  
INSTALLATION DETAILS

SCALE: NA SHEET 8 OF 20 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2019-197-B	COOK	201	124H
CONTRACT NO. 62K70				
ILLINOIS FED. AID PROJECT				

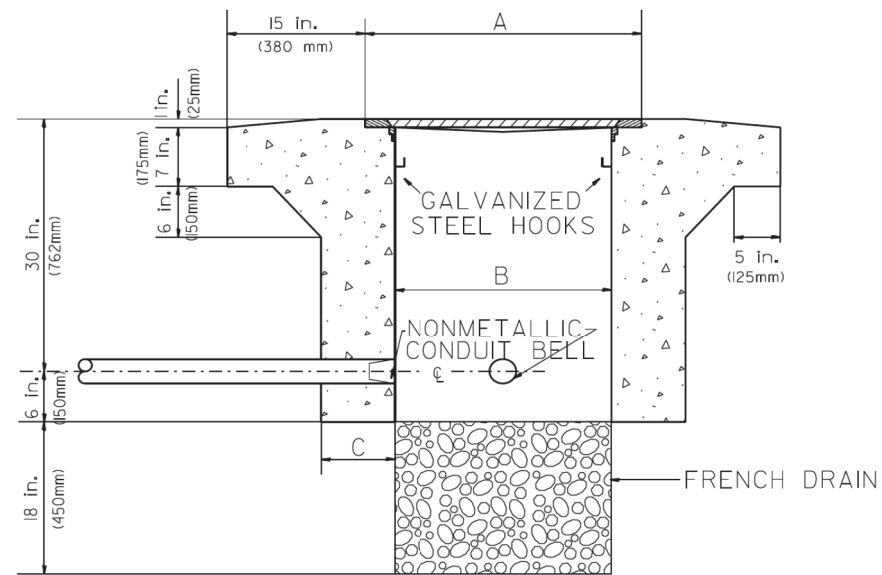


PLAN

HEAVY DUTY HANDHOLE MINIMUM DIMENSIONS (UNHINGED)

A	28" (711 mm)
B	22" (559 mm)
C	8" (200 mm)

(FRAME AND COVER 260 LBS. (118 Kg.) MIN.)



ELEVATION

HEAVY DUTY HANDHOLE SPECIAL MINIMUM DIMENSIONS

A	31.5" (800 mm)
B	30.0" (762 mm)
C	10.0" (250 mm)

(FRAME AND COVER 405 LBS. (184 Kg. (405))

PC CONCRETE - HEAVY DUTY HAND HOLE

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 USER: vnuñez  
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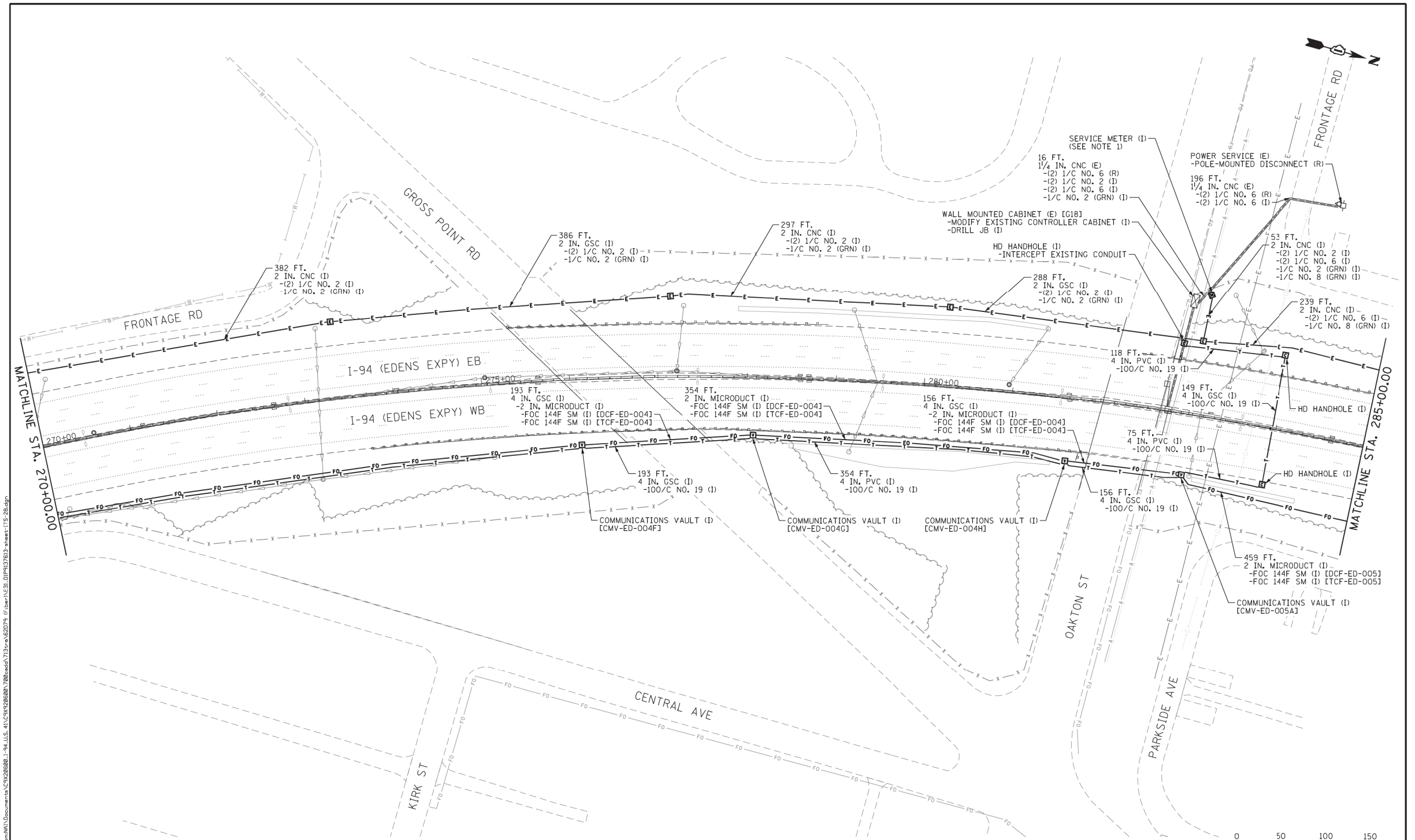
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PLOT DATE = 11/3/2023	CHECKED - RP	REVISD -
	DATE - 11/3/2023	REVISD -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PC CONCRETE - HEAVY DUTY  
HANDHOLE

SCALE: NA SHEET 9 OF 20 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2019-197-B	COOK	201	124I
CONTRACT NO. 62K70			ILLINOIS FED. AID PROJECT	



NOTES:  
 1. SEE SHEET PWR-03 FOR SERVICE METER RETROFIT DETAILS.



ITS-28

<b>Jacobs</b>	USER NAME = BREITEMP	DESIGNED - JJZ	REVISED - 07/14/2021	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INTELLIGENT TRANSPORTATION SYSTEMS CONSTRUCTION PLANS</b>	F.A.I. RTE. 94	SECTION 2016-0681	COUNTY COOK/LAKE	TOTAL SHEETS 388	SHEET NO. 106	
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	PLOT DATE = 7/19/2021	DATE - 02/28/2020	REVISED -								

FOR INFORMATION ONLY

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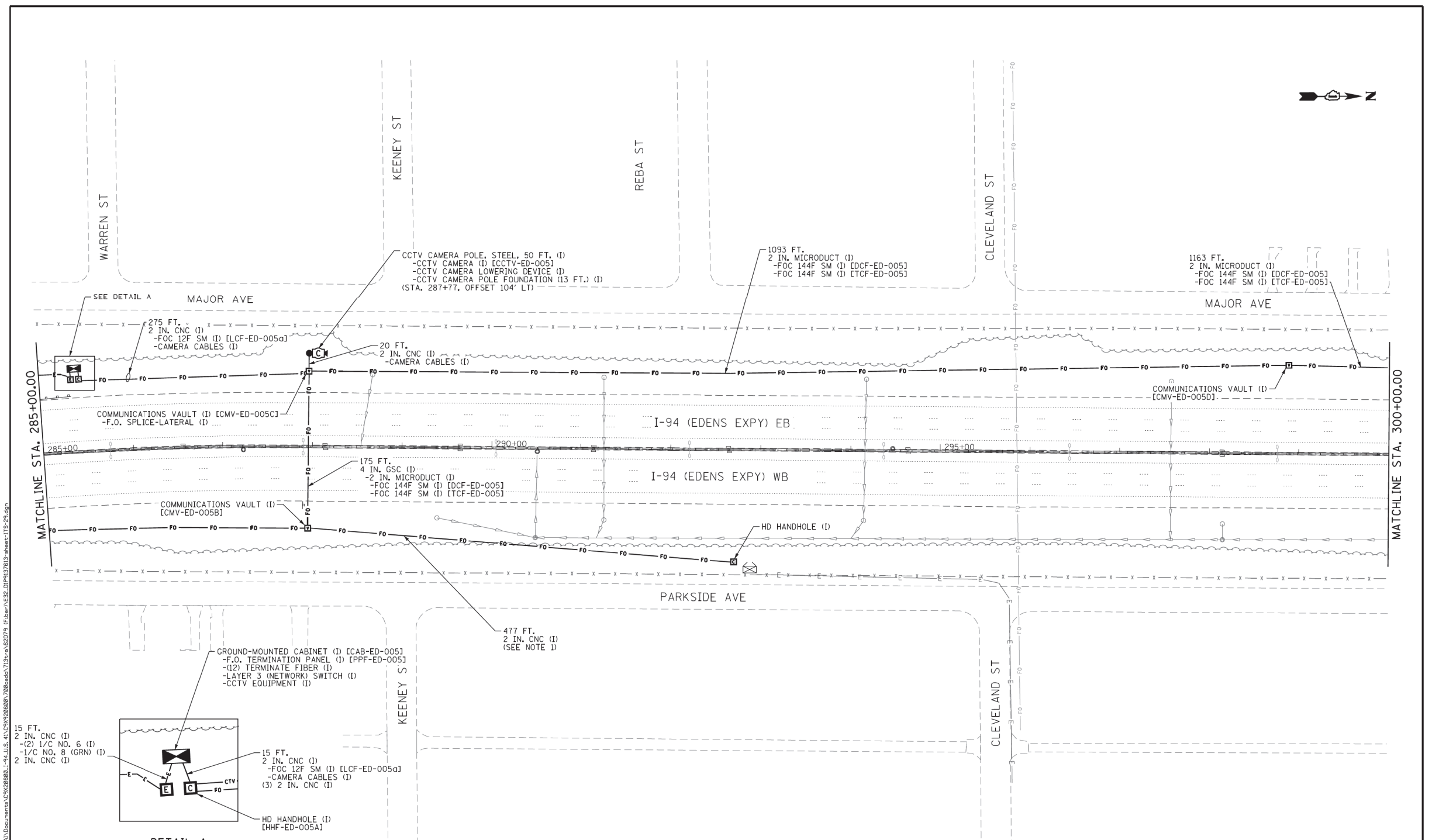
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

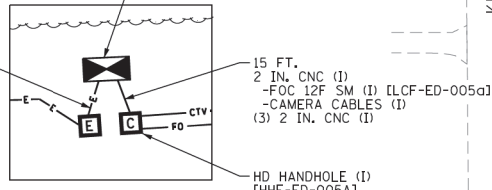
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SCALE: NA	SHEET 10 OF 20 SHEETS STA.	TO STA.	

F.A.U. RTE. 1332	SECTION 2019-197-B	COUNTY COOK	TOTAL SHEETS 201	SHEET NO. 124J
CONTRACT NO. 62K70				
ILLINOIS FED. AID PROJECT				

ITS-40



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**DETAIL A**  
NOT TO SCALE

NOTES:  
1. CONDUIT TO BE INSTALLED AS SPECIFIED AND REMAIN EMPTY. THIS CONDUIT IS RESERVED FOR FUTURE FIBER CABLES.



ITS-29

<b>Jacobs</b>	USER NAME = zvolanuj	DESIGNED - JJZ	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INTELLIGENT TRANSPORTATION SYSTEMS CONSTRUCTION PLANS</b>	F.A.I. RTE. = 94	SECTION = 2016-068I	COUNTY = COOK/LAKE	TOTAL SHEETS = 388	SHEET NO. = 107	
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	PLOT DATE = 2/27/2020	DATE = 02/28/2020	REVISED -			ILLINOIS FED. AID PROJECT					

**FOR INFORMATION ONLY**

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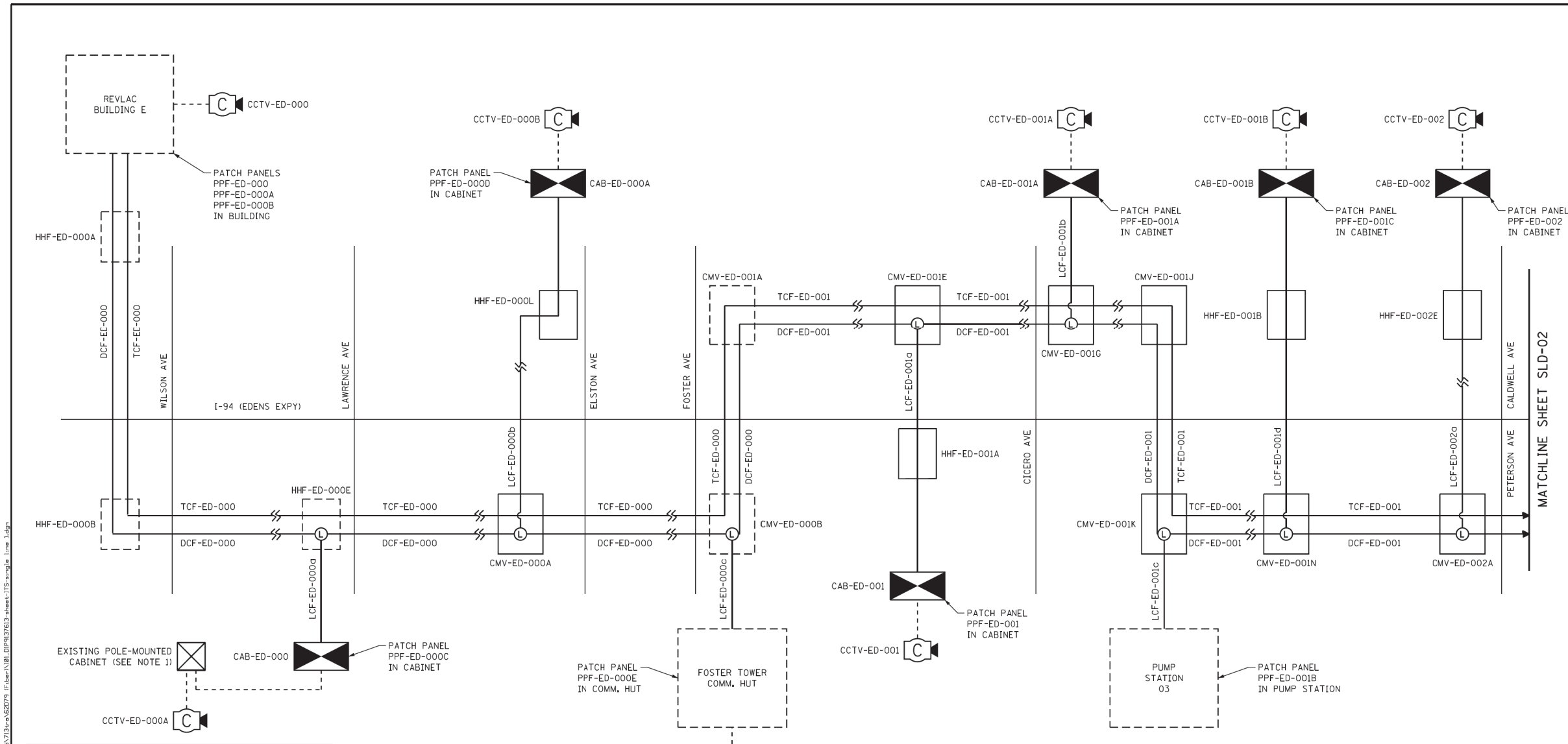
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	DATE = 11/3/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CONTRACT 62D79 ITS PLAN</b>			
SCALE: NA	SHEET 11 OF 20 SHEETS	STA. TO STA.	

F.A.U. RTE. = 1332	SECTION = 2019-197-B	COUNTY = COOK	TOTAL SHEETS = 201	SHEET NO. = 124K
CONTRACT NO. 62K70				
ILLINOIS FED. AID PROJECT				

ITS-11



**LEGEND**

- FIBER OPTIC CABLE
- - - CAT-6 CABLE
- - - DYNAMIC MESSAGE SIGN CABLE
- TCF-ED-001 ASSET I.D. TAG FOR FIBER CABLES
- CMV-ED-001 ASSET I.D. TAG FOR VAULT/HANDHOLE WITH FIBER CABLES
- CCTV-ED-001 ASSET I.D. TAG FOR DEVICES
- (L) UNDERGROUND SPLICE CLOSURE WITH LATERAL SPLICE
- (C) GROUND-MOUNTED CABINET
- (C) CCTV CAMERA
- (DMS) DYNAMIC MESSAGE SIGN



NOTES:  
 1. EXISTING CCTV CAMERAS AT THIS SITE NOT SHOWN FOR CLARITY. EXISTING CCTV CAMERAS, CABLES, AND EQUIPMENT TO REMAIN UNCHANGED.

<b>Jacobs</b>	USER NAME = zvolanuj	DESIGNED - JJZ	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>FIBER OPTIC CABLE SINGLE LINE DIAGRAM</b>	F.A.I. RTE. = 94	SECTION = 2016-0681	COUNTY = COOK/LAKE	TOTAL SHEETS = 388	SHEET NO. = 232		
	PLOT SCALE =	CHECKED - CRH	REVISED -			SCALE: NTS	SHEET 1 OF 9 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			
	PLOT DATE = 2/27/2020	DATE = 02/28/2020	REVISED -			SLD-01						

FOR INFORMATION ONLY

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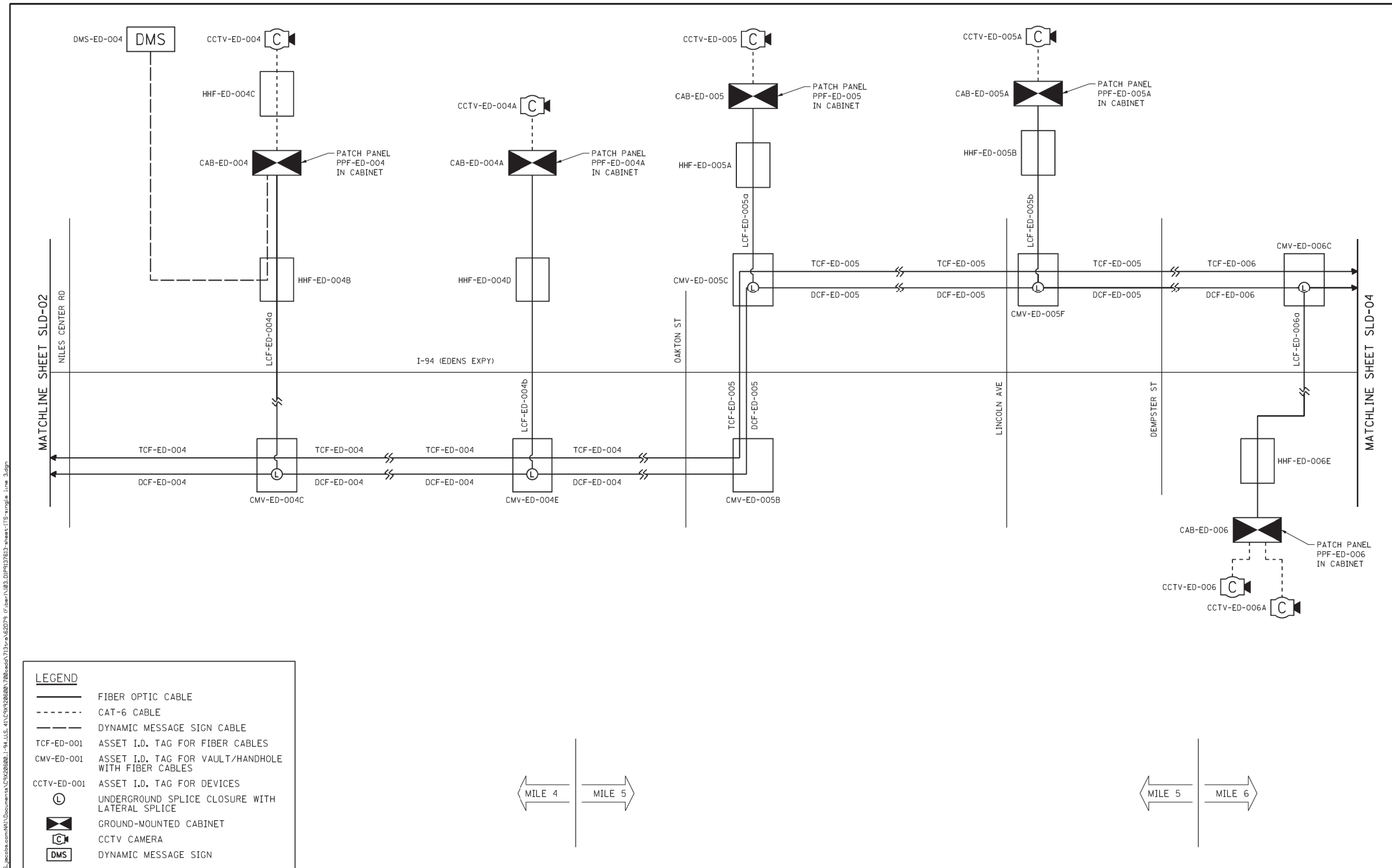
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CONTRACT 62D79 ITS PLAN</b>			
SCALE: NA	SHEET 12 OF 20 SHEETS	STA. TO STA.	

F.A.U. RTE. = 1332	SECTION = 2019-197-B	COUNTY = COOK	TOTAL SHEETS = 201	SHEET NO. = 124L
CONTRACT NO. 62K70				
ILLINOIS FED. AID PROJECT				

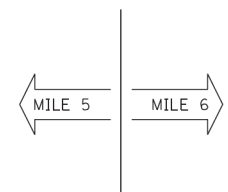
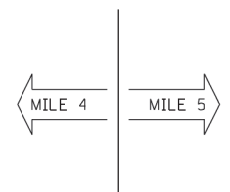
ITS-12





**LEGEND**

- FIBER OPTIC CABLE
- CAT-6 CABLE
- DYNAMIC MESSAGE SIGN CABLE
- TCF-ED-001 ASSET I.D. TAG FOR FIBER CABLES
- CMV-ED-001 ASSET I.D. TAG FOR VAULT/HANDHOLE WITH FIBER CABLES
- CCTV-ED-001 ASSET I.D. TAG FOR DEVICES
- UNDERGROUND SPLICE CLOSURE WITH LATERAL SPLICE
- GROUND-MOUNTED CABINET
- CCTV CAMERA
- DYNAMIC MESSAGE SIGN



	USER NAME = zvolanuj	DESIGNED - JJZ	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>FIBER OPTIC CABLE</b> <b>SINGLE LINE DIAGRAM</b>	F.A.I. RTE. = 94	SECTION = 2016-068I	COUNTY = COOK/LAKE	TOTAL SHEETS = 388	SHEET NO. = 234		
	PLOT SCALE =	CHECKED - CRH	REVISED -			SCALE: NTS	SHEET 3 OF 9 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT <b>CONTRACT NO. 62D79</b>			
	PLOT DATE = 2/27/2020	DATE = 02/28/2020	REVISED -			SLD-03						

**FOR INFORMATION ONLY**

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USER NAME = vnunez	DESIGNED - VG	REVISED - ADDENDUM 11/7/2023
PLOT SCALE = 100,0000' / in.	CHECKED - RP	REVISED -
PLOT DATE = 11/3/2023	DATE = 11/3/2023	REVISED -

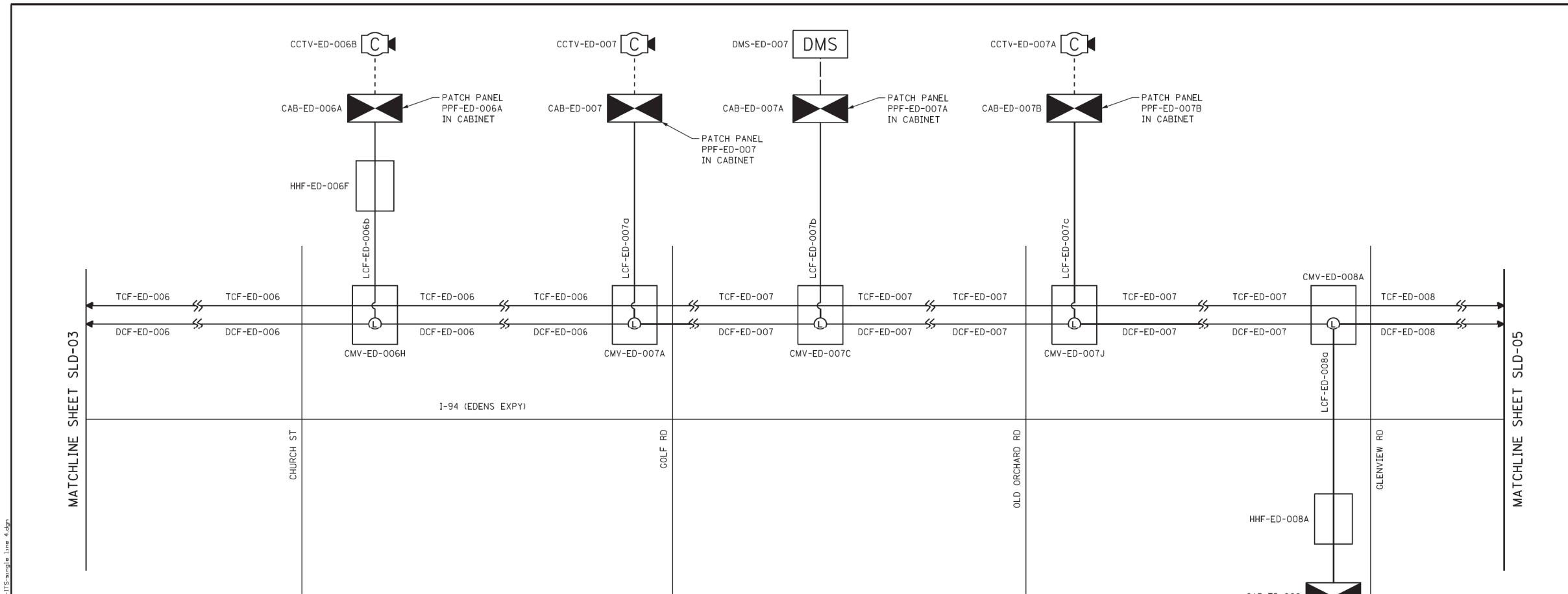
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>CONTRACT 62D79</b>			
<b>ITS PLAN</b>			
SCALE: NA	SHEET 14 OF 20 SHEETS	STA. TO STA.	

F.A.U. RTE. = 1332	SECTION = 2019-197-B	COUNTY = COOK	TOTAL SHEETS = 201	SHEET NO. = 124N
ILLINOIS FED. AID PROJECT <b>CONTRACT NO. 62K70</b>				

ITS-14





**LEGEND**

- FIBER OPTIC CABLE
- CAT-6 CABLE
- DYNAMIC MESSAGE SIGN CABLE
- TCF-ED-001 ASSET I.D. TAG FOR FIBER CABLES
- CMV-ED-001 ASSET I.D. TAG FOR VAULT/HANDHOLE WITH FIBER CABLES
- CCTV-ED-001 ASSET I.D. TAG FOR DEVICES
- UNDERGROUND SPLICE CLOSURE WITH LATERAL SPLICE
- GROUND-MOUNTED CABINET
- CCTV CAMERA
- DYNAMIC MESSAGE SIGN

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<b>Jacobs</b>	USER NAME = zvolanuj	DESIGNED - JJZ	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>FIBER OPTIC CABLE SINGLE LINE DIAGRAM</b>	F.A.J. RTE. = 94	SECTION = 2016-068I	COUNTY = COOK/LAKE	TOTAL SHEETS = 388	SHEET NO. = 235		
	PLOT SCALE =	CHECKED - CRH	REVISED -			SCALE: NTS	SHEET 4 OF 9 SHEETS STA.	TO STA.	CONTRACT NO. 62D79			
	PLOT DATE = 2/27/2020	DATE = 02/28/2020	REVISED -			ILLINOIS FED. AID PROJECT						

FOR INFORMATION ONLY

SLD-04

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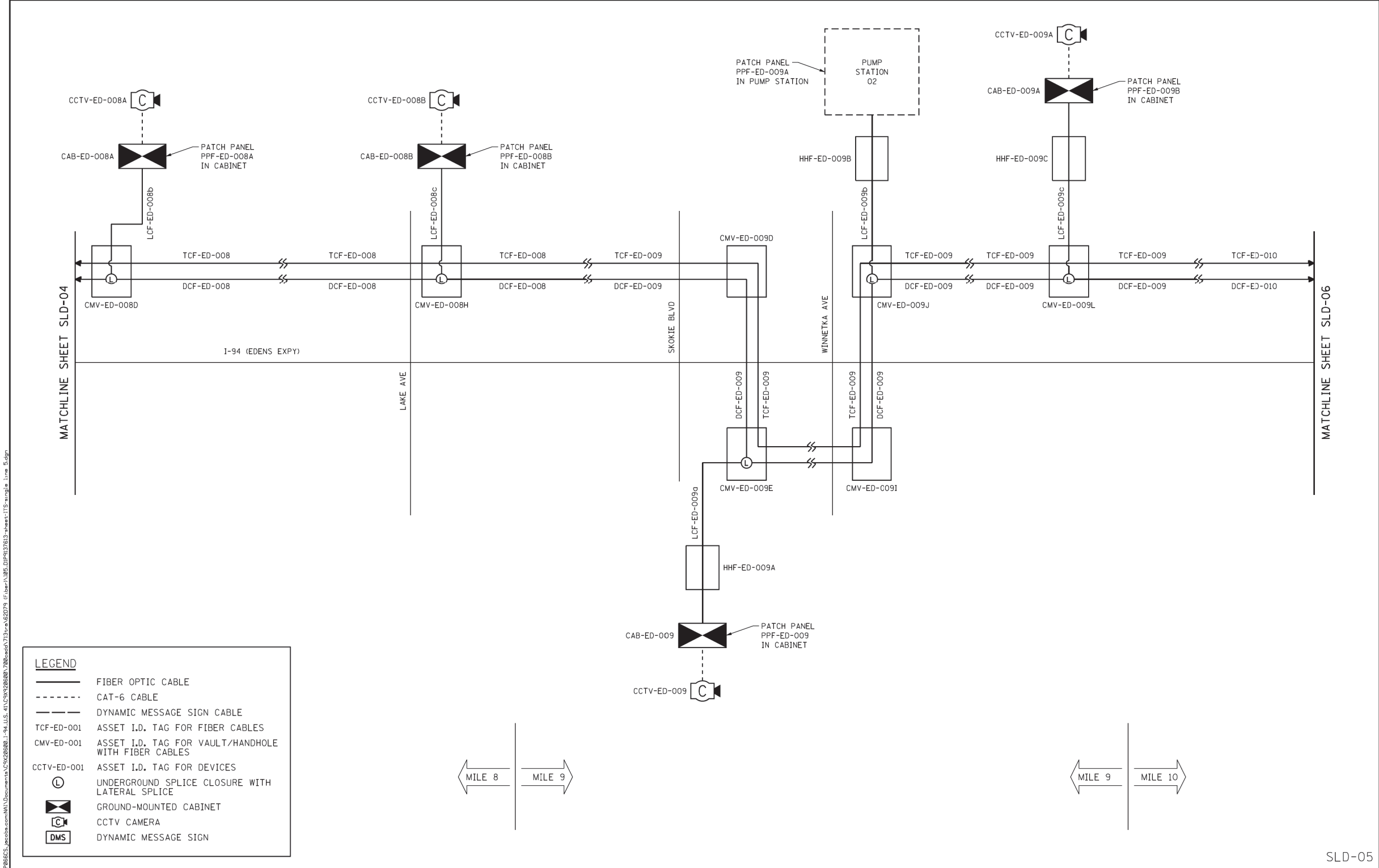


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PLOT DATE = 11/3/2023	DATE = 11/3/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CONTRACT 62D79 ITS PLAN</b>			
SCALE: NA	SHEET 15 OF 20 SHEETS	STA.	TO STA.

F.A.U. RTE. = 1332	SECTION = 2019-197-B	COUNTY = COOK	TOTAL SHEETS = 201	SHEET NO. = 1240
CONTRACT NO. 62K70				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- FIBER OPTIC CABLE
- CAT-6 CABLE
- DYNAMIC MESSAGE SIGN CABLE
- TCF-ED-001 ASSET I.D. TAG FOR FIBER CABLES
- CMV-ED-001 ASSET I.D. TAG FOR VAULT/HANDHOLE WITH FIBER CABLES
- CCTV-ED-001 ASSET I.D. TAG FOR DEVICES
- UNDERGROUND SPLICE CLOSURE WITH LATERAL SPLICE
- GROUND-MOUNTED CABINET
- CCTV CAMERA
- DYNAMIC MESSAGE SIGN

<b>Jacobs</b>	USER NAME = zvolanuj	DESIGNED - JJZ	REVISED -
	PLOT SCALE =	DRAWN - HAR	REVISED -
	PLOT DATE = 2/27/2020	CHECKED - CRH	REVISED -
		DATE - 02/28/2020	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FIBER OPTIC CABLE SINGLE LINE DIAGRAM	F.A.J. RTE. 94	SECTION 2016-068I	COUNTY COOK/LAKE	TOTAL SHEETS 388	SHEET NO. 236
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SCALE: NTS	SHEET 5	OF 9	SHEETS STA.	TO STA.
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ILLINOIS FED. AID PROJECT	
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**FOR INFORMATION ONLY**

SLD-05

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**SINGH**  
SINGH & ASSOCIATES INC.  
CONSULTING ENGINEERS

USER NAME = vnunez	DESIGNED - VG	REVISED - ADDENDUM 11/7/2023
PLOT SCALE = 100,0000 ' / in.	DRAWN - VG	REVISED -
PLOT DATE = 11/3/2023	CHECKED - RP	REVISED -
	DATE - 11/3/2023	REVISED -

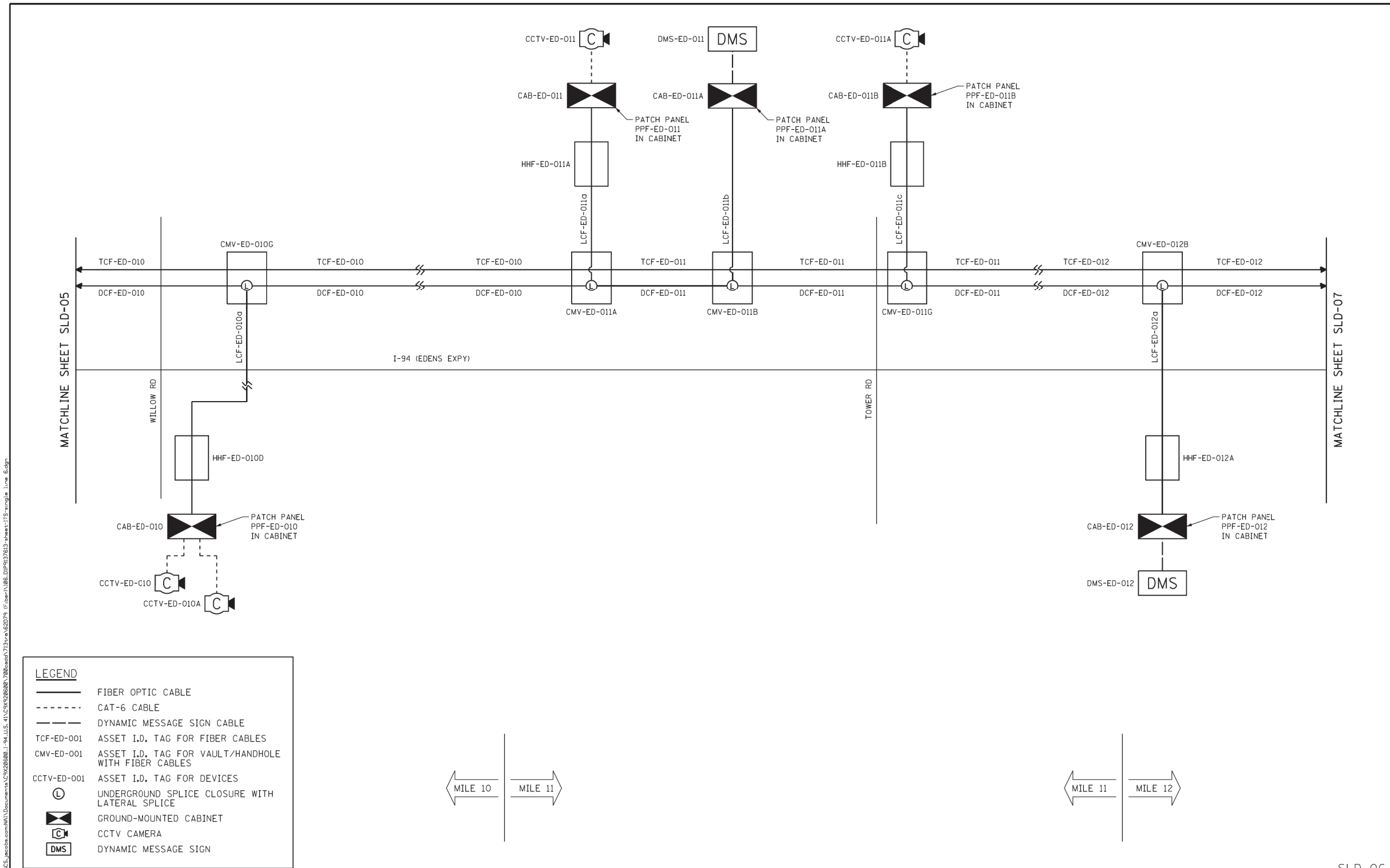
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CONTRACT 62D79  
ITS PLAN**

SCALE: NA	SHEET 16	OF 20	SHEETS STA.	TO STA.
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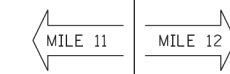
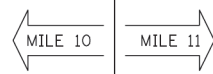
F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2019-197-B	COOK	201	124P
CONTRACT NO. 62K70				
ILLINOIS FED. AID PROJECT				

ITS-16



**LEGEND**

- FIBER OPTIC CABLE
- CAT-6 CABLE
- DYNAMIC MESSAGE SIGN CABLE
- TCF-ED-001 ASSET I.D. TAG FOR FIBER CABLES
- CMV-ED-001 ASSET I.D. TAG FOR VAULT/HANDHOLE WITH FIBER CABLES
- CCTV-ED-001 ASSET I.D. TAG FOR DEVICES
- UNDERGROUND SPLICE CLOSURE WITH LATERAL SPLICE
- GROUND-MOUNTED CABINET
- CCTV CAMERA
- DYNAMIC MESSAGE SIGN



SLD-06

**Jacobs**

USER NAME = zvolanuj	DESIGNED - JJZ	REVISED -
PLOT SCALE =	DRAWN - HAR	REVISED -
PLOT DATE = 2/27/2020	CHECKED - CRH	REVISED -
	DATE - 02/28/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>FIBER OPTIC CABLE SINGLE LINE DIAGRAM</b>	
SCALE: NTS	SHEET 6 OF 9 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-0681	COOK/LAKE	388	237
CONTRACT NO. 62D79			ILLINOIS FED. AID PROJECT	

**FOR INFORMATION ONLY**

**SINGH**  
SINGH & ASSOCIATES INC.  
CONSULTING ENGINEERS

USER NAME = vnunez	DESIGNED - VG	REVISED - ADDENDUM 11/7/2023
PLOT SCALE = 100,0000' / in.	DRAWN - VG	REVISED -
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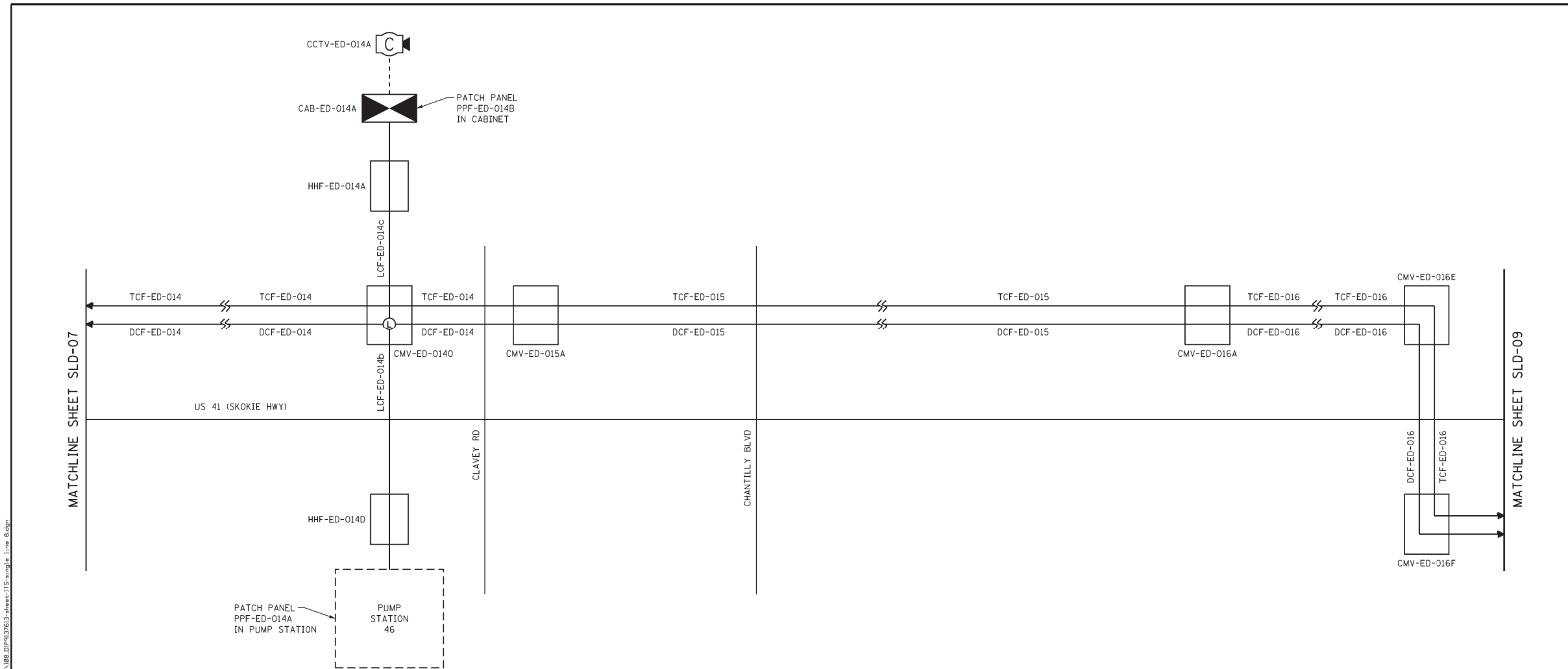
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CONTRACT 62D79 ITS PLAN</b>	
SCALE: NA	SHEET 17 OF 20 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2019-197-B	COOK	201	124Q
CONTRACT NO. 62K70			ILLINOIS FED. AID PROJECT	

ITS-17





**LEGEND**

- FIBER OPTIC CABLE
- - - - CAT-6 CABLE
- - - - DYNAMIC MESSAGE SIGN CABLE
- TCF-ED-001 ASSET I.D. TAG FOR FIBER CABLES
- CMV-ED-001 ASSET I.D. TAG FOR VAULT/HANDHOLE WITH FIBER CABLES
- CCTV-ED-001 ASSET I.D. TAG FOR DEVICES
- ⊙ UNDERGROUND SPLICE CLOSURE WITH LATERAL SPLICE
- ⊞ GROUND-MOUNTED CABINET
- Ⓜ CCTV CAMERA
- Ⓜ DMS DYNAMIC MESSAGE SIGN

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	USER NAME = zvolanuj	DESIGNED - JJZ	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>FIBER OPTIC CABLE SINGLE LINE DIAGRAM</b>	F.A.I. RTE. = 94	SECTION = 2016-068I	COUNTY = COOK/LAKE	TOTAL SHEETS = 388	SHEET NO. = 239	
	PLOT SCALE =	CHECKED - CRH	REVISED -			SCALE: NTS	SHEET 8 OF 9 SHEETS	CONTRACT NO. 62D79		ILLINOIS FED. AID PROJECT	
	PLOT DATE = 2/27/2020	DATE - 02/28/2020	REVISED -			TO STA.		SLD-08			

**FOR INFORMATION ONLY**

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

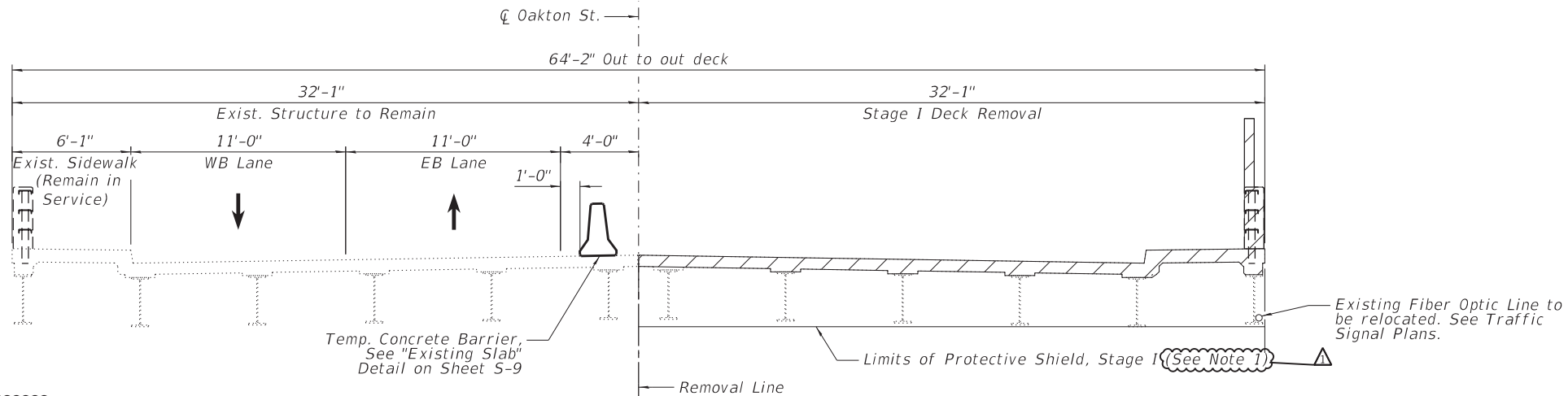
<b>CONTRACT 62D79 ITS PLAN</b>			
SCALE: NA	SHEET 19 OF 20 SHEETS	STA.	TO STA.

F.A.I. RTE. = 1332	SECTION = 2019-197-B	COUNTY = COOK	TOTAL SHEETS = 201	SHEET NO. = 1245
CONTRACT NO. 62K70				
ILLINOIS FED. AID PROJECT				

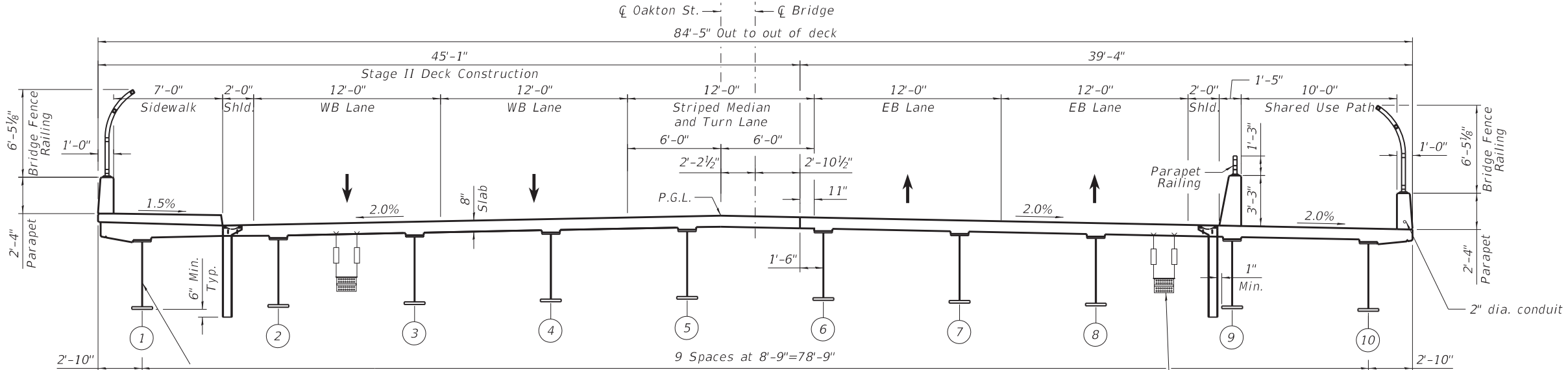
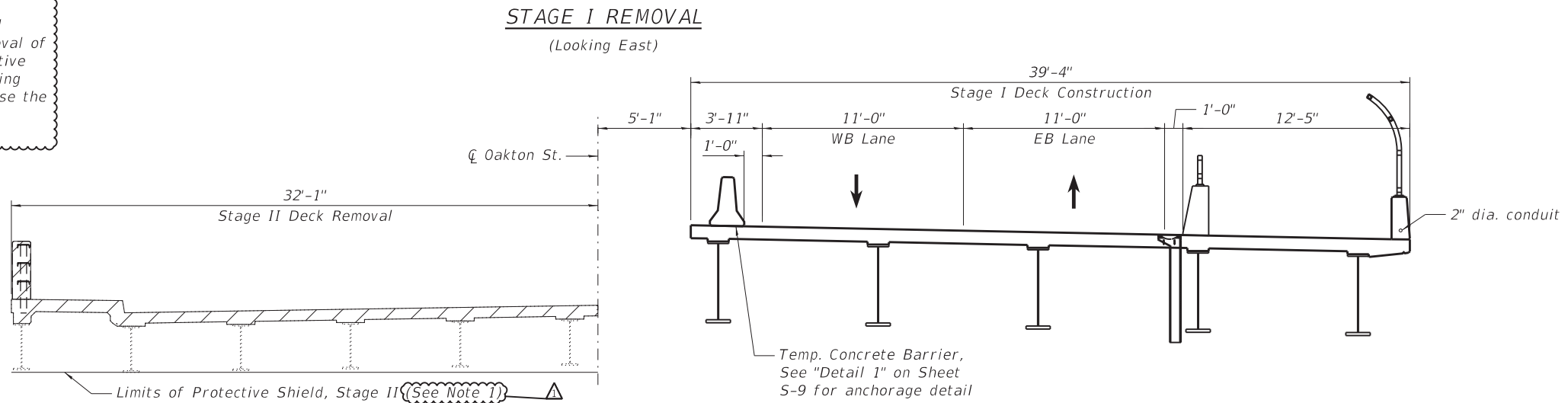
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**Note 1:**  
 The existing protective shield is to be removed and replaced with a new protective shield during the removal of the existing structure. Removal of the existing protective shield is included in the cost of the Removal of Existing Structures pay item. If the Contractor chooses to reuse the existing protective shield, it is the Contractor's responsibility to verify condition and capacity.



**LEGEND**

Removal of Existing Structures

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

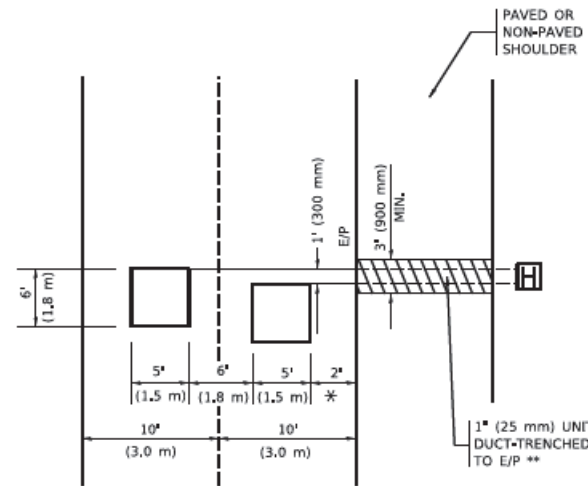
STAGE CONSTRUCTION DETAILS  
 STRUCTURE NO. 016-8301

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PLOT DATE =	DRAWN - EH	REVISED -
	CHECKED - 6/22/2023	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	2019-197-B	COOK	201	132
CONTRACT NO. 62K70				

**LOOPS NEXT TO SHOULDERS**

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.



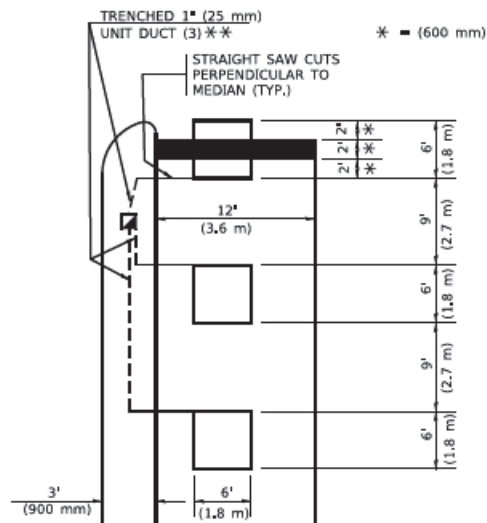
\* = (600 mm)

\*\* UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

**LEFT TURN LANES WITH MEDIANS**

**VOLUME DENSITY ("FAR OUT" DETECTION) ON SAME APPROACH (PROTECTED / PERMITTED LEFT TURN PHASING)**

HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.



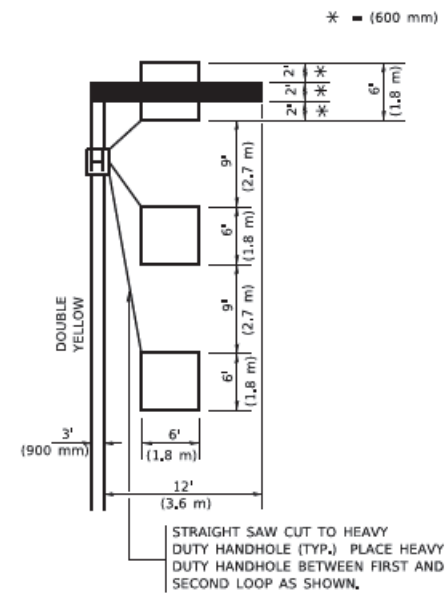
\* = (600 mm)

\*\* UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**LEFT TURN LANES WITHOUT MEDIANS**

**VOLUME DENSITY ("FAR OUT" DETECTION) ON SAME APPROACH (PROTECTED / PERMITTED LEFT TURN PHASING)**



\* = (600 mm)

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**NOTES:**

**VEHICLES LOOP DETECTORS**

- \* ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- \* EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- \* EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATELY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- \* ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- \* EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- \* WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (I.e. 1-1/2, 1-3/4, 2).
- \* WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

**PLACEMENT OF DETECTORS**

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DIMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

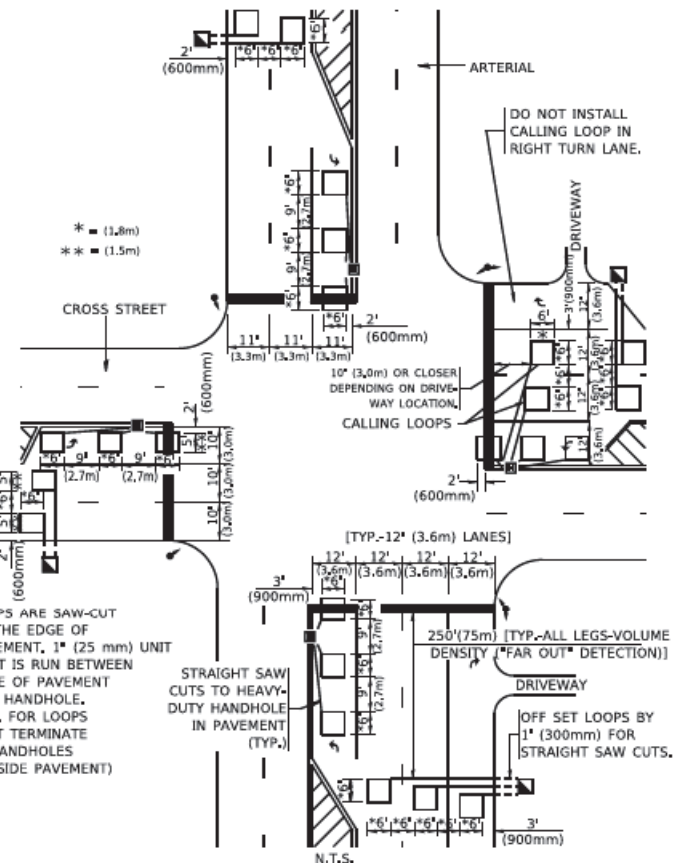
"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

**NOTE:**

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

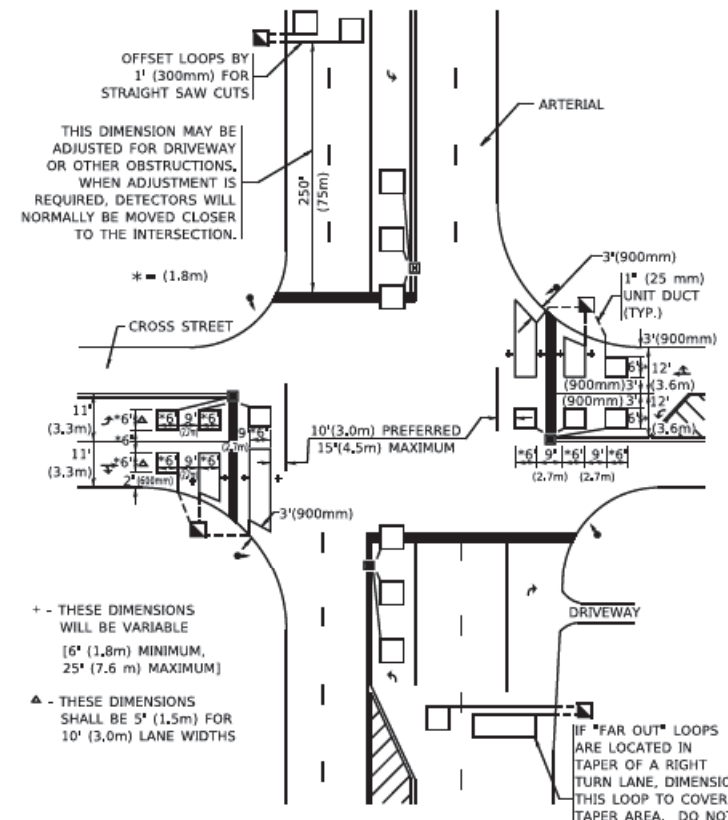
THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION) CROSS STREET-NON VOLUME DENSITY ("FAR OUT" DETECTION)**



**DETAIL 1**  
N.T.S.

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION) CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)**



**DETAIL 2**  
N.T.S.

MODEL: D:\ref\... FILE NAME: ...

<b>AEG</b> ATLAS ENGINEERING GROUP, LTD. USER NAME: footem PLOT SCALE: 50,0000 1/16" DATE: 11/07/2023	DESIGNED -	REVISED - ADDENDUM 11/07/2023
	DRAWN -	REVISED -
CHECKED - R.K.F.	REVISED -	

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DISTRICT 1 - DETECTOR LOOP INSTALLATION**  
**DETAILS FOR ROADWAY RESURFACING**

F.A.U. RTE. 1332	SECTION 2019-197-B	COUNTY COOK	TOTAL SHEETS 201	SHEET NO. 202
TS-07			CONTRACT NO. 62K70	