

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-TS	COOK	191	1
		ILLINOIS	CONTRACT NO. 60P14	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT LOCATED IN ELK GROVE VILLAGE

TRAFFIC DATA:

FOR SPEED LIMIT AND
ADT, SEE SHEET NO. 4

PROPOSED HIGHWAY PLANS

F.A.P. 341: IL 72/83

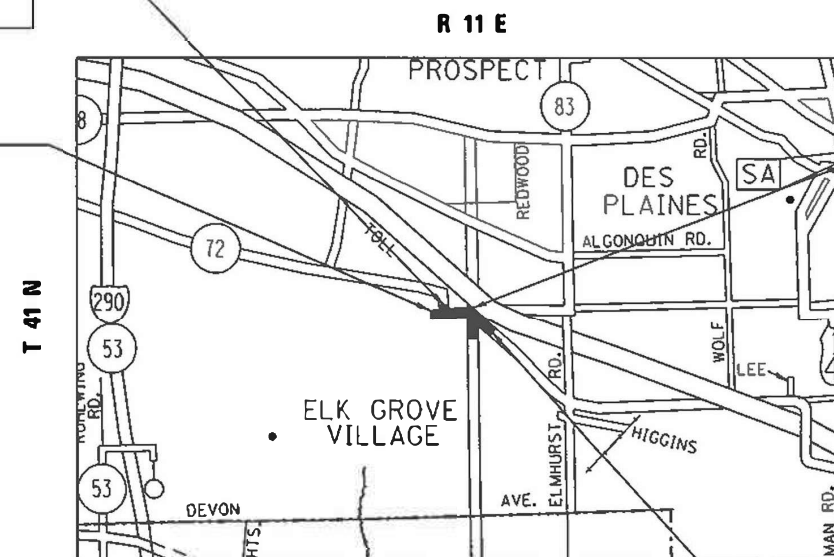
OAKTON ST. (W JCT) TO EAST OF IL 83 (E JCT)
AND AT IL 83 /BUSSE RD.

SECTION: 2011-019-TS

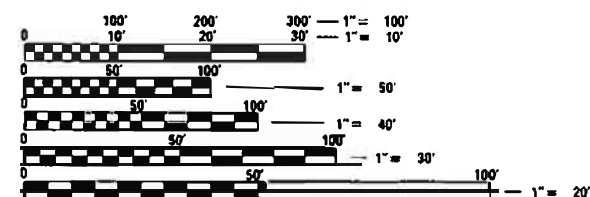
PROJECT: HSIP-LJRC(988)

INTERSECTION IMPROVEMENT
COOK COUNTY

C-91-469-11

IL 72 AT OAKTON STREET
(W JCT)
STA. 112 + 66.5OAKTON STREET
STA. 54 + 75 TO
STA. 84 + 26.38IL 83 /BUSSE ROAD
STA. 14 + 00 TO
STA. 43 + 64.3IL 72 EAST OF IL 83 (E JCT)
STA. 156 + 16.7

ELK GROVE TOWNSHIP



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

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-992-0123
OR 811

PROJECT ENGINEER: DAN WILGREEN (847) 705-4240
PROJECT MANAGER: FAWAD AQUEEL (847) 705-4247

CONTRACT NO. 60P14

GROSS AND NET LENGTH = 6465.88 FT. = 1.22 MILE

D-91-469-11



LOCATION OF SECTION INDICATED THUS: —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED June 18, 2020
Anthony J. Rungtjorn REGIONAL ENGINEER
August 14, 2020
Scott A. Elk ENGINEER OF DESIGN AND ENVIRONMENT
August 14, 2020
James J. Gu DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

STATE STANDARDS

GENERAL NOTES

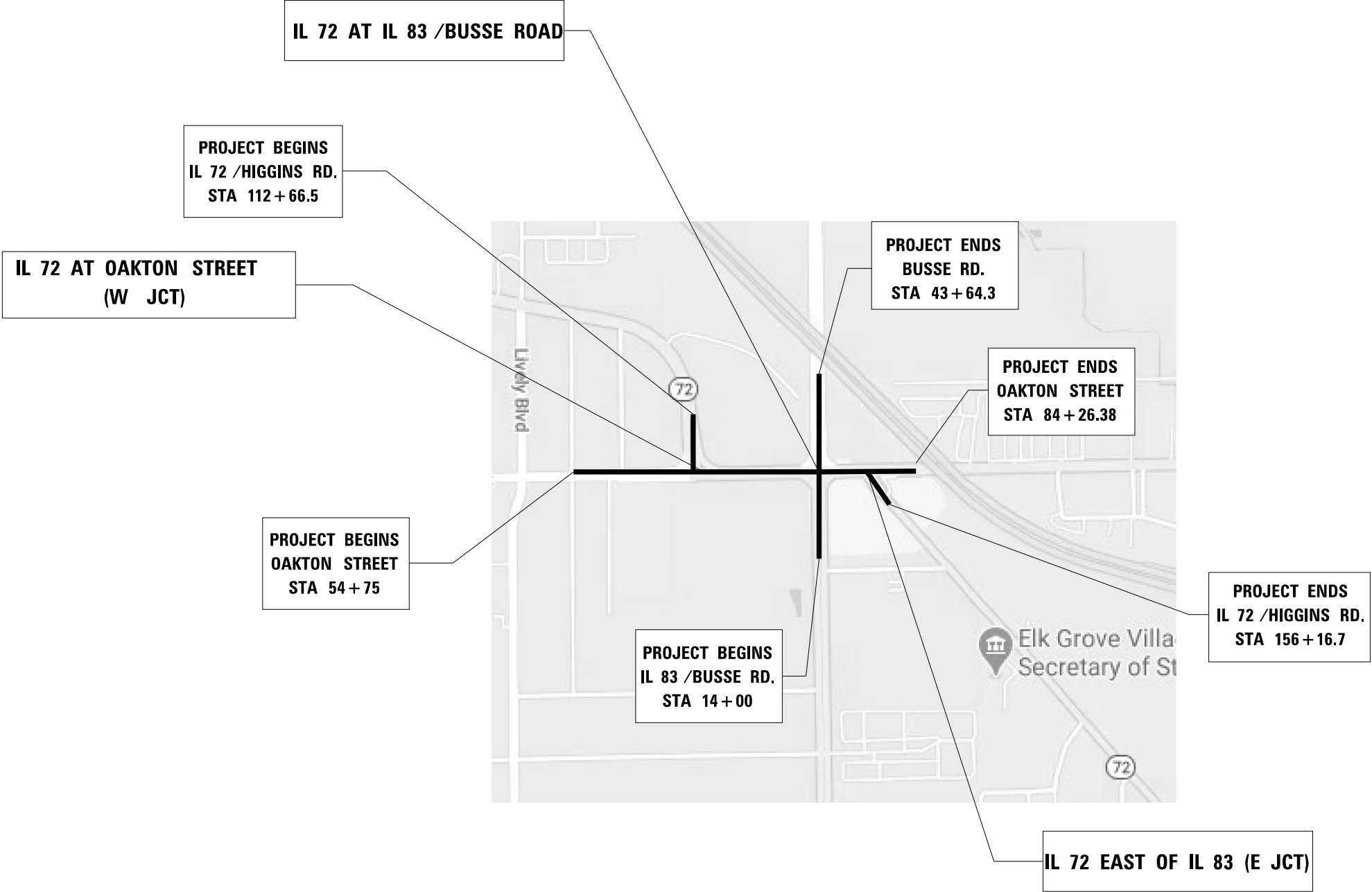
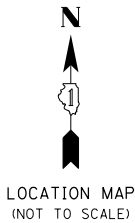
SHEET NO.	DESCRIPTION	STANDARD NO.	DESCRIPTION	
1	COVER SHEET	000001-07	TYPICAL SYMBOLS, ABBREVIATIONS AND PATTERNS	1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOUR NOTIFICATION REQUIRED)
2-3	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES	280001-07	TEMPORARY EROSION CONTROL SYSTEMS	2. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF ELK GROVE VILLAGE.
4	LOCATION MAP & TRAFFIC DATA	424001-11	PERPENDICULAR CURP RAMPS FOR SIDEWALKS	3. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT THE WRITTEN PERMISSION OF THE DEPARTMENT.
5-24	SUMMARY OF QUANTITIES	424006-04	DIAGONAL CURP RAMPS FOR SIDEWALKS	4. ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.
25-28	EXISTING AND PROPOSED TYPICAL SECTIONS	424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS	5. TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
29	TREE REMOVAL SCHEDULE	424021-05	DEPRESSED CORNER FOR SIDEWALKS	6. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
30-31	ALIGNMENT, TIES, AND BENCHMARKS	424026-03	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS	7. TOP OF GRATE ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF EACH STRUCTURE. FRAMES/GRATES ON ALL NEW STRUCTURES SHALL BE ADJUSTED TO THE FINAL ELEVATIONS OF THE AREAS IN WHICH THEY ARE LOCATED, AS PART OF THE STRUCTURE COST. TOP OF GRATE ELEVATIONS SHOWN ON THE PLANS FOR STRUCTURES LOCATED IN THE CURB LINE ARE GIVEN AT THE EDGE OF PAVEMENT, PROPOSED SEWER LENGTHS PROVIDED IN THE QUANTITIES ARE FROM THE CENTER OF THE STRUCTURES.
32-37	EXISTING AND PROPOSED ROADWAY PLANS AND PROFILE	424031-02	MEDIAN PEDESTRIAN CROSSINGS	8. ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
38-57	STAGES OF CONSTRUCTION AND TRAFFIC CONTROL (M.O.T.)	442201-03	CLASS C AND D PATCHES	9. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
58-59	EROSION AND SEDIMENT CONTROL PLANS	601001-05	PIPE UNDERDRAINS	10. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
60-64	EXISTING AND PROPOSED DRAINAGE AND UTILITIES PLANS	601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAINS	11. THE RESIDENT ENGINEER SHALL CONTACT DON CHIARUGI, AREA TRAFFIC FIELD ENGINEER VIA E-MAIL AT DON.CHIARUGI@ILLINOIS.GOV, A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
65-66	DRAINAGE PIPES AND STRUCTURES SCHEDULE	602001-02	CATCH BASIN TYPE A	12. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
67-69	SUE INVESTIGATION AND UNDERGROUND UTILITIES	602011-02	CATCH BASIN TYPE C	13. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
70-72	PLAT OF HIGHWAYS	602401-06	MANHOLE TYPE A 4' (1.22 m) DIAMETER	14. DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)".
73-75	SIDEWALK DETAIL PLANS	602402-02	MANHOLE TYPE A 5' (1.52 m) DIAMETER	15. PROPOSED SIDEWALK RAMPS SHALL CONFORM TO CURRENT ADA REQUIREMENTS AND APPLICABLE STATE HIGHWAY STANDARDS OR AS DETERMINED BY THE ENGINEER.
76-77	PAVEMENT MARKING PLANS	602406-10	MANHOLE TYPE A 6' (1.8 m) DIAMETER	16. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS, AND 1 INCH WHERE THE SPEED LIMIT IS OVER 45 MPH. WITH WRITTEN APPROVAL FROM THE RESIDENT ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM OF 1:3 (V:H).
78-79	LANDSCAPING PLANS	602411-08	MANHOLE TYPE A 7' (2.13 m) DIAMETER	17. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
80	PLANT SCHEDULE	602416-08	MANHOLE TYPE A 8' (2.44 m) DIAMETER	18. UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURE AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS, OVERNIGHT CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING.
81-116	TRAFFIC SIGNAL PLANS	602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP	19. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
117-131	STREET LIGHTING PLANS	602701-02	MANHOLE STEPS	20. ALL PIPE UNDERDRAINS SHALL BE PLACED AT A DEPTH OF 30" BELOW THE TOP OF THE PROPOSED PAVEMENT OR AS DEEP AS POSSIBLE AND IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARDS 601001 AND 601101. THE COST OF MAKING PIPE UNDERDRAIN CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAINS ITEM.
132-133	SIGNING PLANS	604001-05	FRAME AND LIDS, TYPE 1	21. ALL MANHOLES IN COMBINED SEWER AREAS SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES AND SHALL BE CAST IN PLACE CONCRETE OR PRE-CAST REINFORCED CONCRETE.
134-151	OVERHEAD SIGN STRUCTURE PLANS	604091-03	FRAME AND GRATE TYPE 24	22. ALL ABANDONED SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH TWO (2) FOOT LONG NON-SHRINK CONCRETE OR MORTAR GROUT OR AS SPECIFIED BY THE ENGINEER.
152	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB AND EDGE OF SHOULDER >= 15' (4.5 m) (BD-01)	606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER	23. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE ARTERIAL TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
153	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB < 15' (4.5 m) (BD-02)	606301-04	PC CONCRETE ISLANDS AND MEDIANS	
154	DETAILS FOR CONCRETE MEDIAN TYPE SB (DOWELLED) CORRUGATED MEDIAN (MODIFIED) (BD-5)	637006-05	CONCRETE BARRIER, DOUBLE FACE, 44 IN. (1120 MM) HEIGHT	
155	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER (BD-7)	701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE	
156	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD-8)	701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS >= 45 MPH	
157	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)	701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS <= 40 MPH	
158	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)	701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN	
159	BUTT JOINT AND HMA TAPER DETAILS (BD-32)	701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE	
160	HMA TAPER AT EDGE OF P.C.C. PAVEMENT (BD-33)	701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN	
161	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS (TC-10)	701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION	
162	TYPICAL APPLICATIONS: RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) (TC-11)	701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE	
163	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)	701901-08	TRAFFIC CONTROL DEVICES	
164	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)	720001-01	SIGN PANEL MOUNTING DETAILS	
165	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS (TC-16)	720006-04	SIGN PANEL ERECTION DETAILS	
166	ARTERIAL ROAD INFORMATION SIGN (TC-22)	728001-01	TELESCOPING STEEL SIGN SUPPORT	
167	DRIVEWAY ENTRANCE SIGNING (TC-26)	731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT	
168-191	CROSS SECTIONS	780001-05	TYPICAL PAVEMENT MARKINGS	
		814001-03	HANDHOLES	
		814006-02	DOUBLE HANDHOLES	
		836001-04	LIGHT POLE FOUNDATION	
		857001-01	STANDARD SIGNAL 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'	
		877006-06	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS	
		878001-10	CONCRETE FOUNDATION DETAILS	
		880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION	
		880006-01	TRAFFIC SIGNAL MOUNTING DETAILS	
		886001-01	DETECTOR LOOP INSTALLATIONS	

REV-SEP

	USER NAME = Bilgramisa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES IL 72 /IL 83 (IL 72/W. JCT TO IL 72/E. JCT & IL 83)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			341	2011-019-TS	COOK	191	2	
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 60P14			
	PLOT DATE = 6/26/2020	DATE -	REVISED -			SCALE:	SHEET 1 OF 2 SHEETS	STA.	TO STA.		
						ILLINOIS / FED. AID PROJECT					

GENERAL NOTES (CONTINUED)

24. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK
25. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAVE BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED, AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
26. ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT CONTRACTOR EXPENSE
27. BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(B, C) OF SSRBC WILL NOT BE ALLOWED.
28. ALL PROPOSED CONCRETE MEDIANS SIX FEET WIDE OR LESS SHALL BE POURED MONOLITHICALLY AND THE OPTIONAL CONSTRUCTION JOINT SHOWN ON STANDARD 606301 WILL NOT BE ALLOWED
29. THE RESIDENT ENGINEER SHALL CONTACT PACE'S TRANSPORTATION ENGINEER AT TRANSPORTATION.ENGINEER@PACEBUS.COM AT LEAST 10 DAYS PRIOR TO BEGINNING CONSTRUCTION TO INFORM PACE OF THE CONSTRUCTION SCHEDULE AND COORDINATE FINAL BUS PAD LOCATIONS.



TRAFFIC DATA:

IL 72 AT OAKTON STREET (W JCT)	IL 72 AT IL 83/BUSSE ROAD	IL 72 EAST OF IL 83 (E JCT)
EAST LEG ADT (2019) = 30,200 POSTED SPEED = 35 MPH	EAST LEG ADT (2019) = 33,100 POSTED SPEED = 35 MPH	EAST LEG ADT (2019) = 22,900 POSTED SPEED = 35 MPH
WEST LEG ADT (2018) = 7,950 POSTED SPEED = 35 MPH	WEST LEG ADT (2019) = 30,200 POSTED SPEED = 35 MPH	WEST LEG ADT (2019) = 33,100 POSTED SPEED = 35 MPH
NORTH LEG ADT (2019) = 30,200 POSTED SPEED = 35 MPH	NORTH LEG ADT (2018) = 28,700 POSTED SPEED = 40 MPH	SOUTH LEG ADT (2019) = 33,100 POSTED SPEED = 35 MPH
	SOUTH LEG ADT (2019) = 30,200 POSTED SPEED = 45 MPH	

MODEL: Default
FILE: \\nrtc-pw\pub\anr\m\dot\ill\hds\gov\p\WIDOT\Documents\DOT_Offices\District_1\Projects\p142611\CADData\Design\p142611-shc-cover.dgn

	USER NAME = Bilgramisa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 72 (HIGGINS RD) AT IL 83 (BUSSE RD) LOCATION MAP /TRAFFIC DATA		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -				341	2011-019-TS	COOK	191	4
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -				CONTRACT NO. 60P14				
	PLOT DATE = 6/26/2020	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				
SCALE:		SHEET	OF	SHEETS	STA.	TO STA.					

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE																								
CODE NO	ITEM	UNIT		90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE	80% FED 20% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE														
				0004	0021	0021	0021	0021	0044	0021	0021	0021	0021	0021														
				ROADWAY	TRAFFIC SIGNAL IL 72 AT OAKTON	TRAFFIC SIGNAL IL 72 AT IL 83	TRAFFIC SIGNAL IL 72 EAST OF IL 83	INTER- CONNECT	OVERHEAD SIGN STRUCTURE	EMERGENCY VEHICLE PRIORITY (EVP)	LED STREET NAME SIGNS	STREET LIGHTING	SHARED-USE PATH	FIRE HYDRANTS														
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	89	89																								
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	18	18																								
20200100	EARTH EXCAVATION	CU YD	5754	5730									24															
20400800	FURNISHED EXCAVATION	CU YD	21										21															
20800150	TRENCH BACKFILL	CU YD	830	830																								
21001000	GEOTECHNICAL FABRIC FOR GROUND	SQ YD	601	601																								
	STABILIZATION																											
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	215	215																								
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	3884	3884																								
21101685	TOPSOIL FURNISH AND PLACE, 24"	SQ YD	677	677																								
21400100	GRADING AND SHAPING DITCHES	FOOT	1105	1105																								
25000210	SEEDING, CLASS 2A	ACRE	0.4	0.4																								
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	63	63																								
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	63	63																								
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	63	63																		REV-SEP						
																						* = SPECIALTY ITEMS						
FILE NAME =			USER NAME = Bllgramisa		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				SUMMARY OF QUANTITIES										F.A. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom\dot.illinois.gov\PI\DOT\Documents\DOT Offices\District N\Projects\PI4261\CADData\Design\PI4261i-sh-501.DWG			DRAWN -		REVISED -		341	2011-019-TS															COOK		191	5		
PLOT SCALE = 100.0000 ' / 1in.			CHECKED -		REVISED -		CONTRACT NO. 60P14																					
PLOT DATE = 6/26/2020			DATE -		REVISED -		SCALE:																SHEET NO. 1 OF 20 SHEETS		STA.		TO STA.	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE																								
CODE NO	ITEM	UNIT		90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE	80% FED 20% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE														
				0004	0021	0021	0021	0021	0044	0021	0021	0021	0021	0021														
				ROADWAY	TRAFFIC SIGNAL IL 72 AT OAKTON	TRAFFIC SIGNAL IL 72 AT IL 83	TRAFFIC SIGNAL IL 72 EAST OF IL 83	INTER- CONNECT	OVERHEAD SIGN STRUCTURE	EMERGENCY VEHICLE PRIORITY (EVP)	LED STREET NAME SIGNS	STREET LIGHTING	SHARED-USE PATH	FIRE HYDRANTS														
25100630	EROSION CONTROL BLANKET	SO YD	3884	3884																								
25200110	SODDING, SALT TOLERANT	SO YD	2130	2130																								
25200200	SUPPLEMENTAL WATERING	UNIT	10	10																								
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	36	36																								
28000510	INLET FILTERS	EACH	20	20																								
28001100	TEMPORARY EROSION CONTROL BLANKET	SO YD	3884	3884																								
28100105	STONE RIPRAP, CLASS A3	SO YD	251	251																								
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	201	201																								
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	5936	5936																								
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SO YD	2621.5	2621.5																								
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SO YD	9800	9800																								
35400500	PORTLAND CEMENT CONCRETE BASE COURSE	SO YD	252.6	252.6																								
	WIDENING 10"																											
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SO YD	208	208																								
35501324	HOT-MIX ASPHALT BASE COURSE, 10"	SO YD	1268.3	1268.3																		REV-SEP						
																						* = SPECIALTY ITEMS						
FILE NAME =		USER NAME = Bllgramisa		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION					SUMMARY OF QUANTITIES						F.A. RTE.		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.	
pw:\planroom\dot.illinois.gov\PW\DOT\Documents\DOT Offices\District N\Projects\PI426\INCADData\Design\PI426\11-sh-50\DRAWN				DRAWN -		REVISED -													341		2011-019-TS		COOK		191		6	
		PLOT SCALE = 100,0000 ' / 1in.		CHECKED -		REVISED -																					CONTRACT NO. 60P14	
		PLOT DATE = 6/26/2020		DATE -		REVISED -													SCALE:		SHEET NO. 2 OF 20 SHEETS		STA.		TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE																														
CODE NO	ITEM	UNIT		90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE	80% FED 20% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE																				
				0004	0021	0021	0021	0021	0044	0021	0021	0021	0021	0021																				
				ROADWAY	TRAFFIC SIGNAL IL 72 AT OAKTON	TRAFFIC SIGNAL IL 72 AT IL 83	TRAFFIC SIGNAL IL 72 EAST OF IL 83	INTER-CONNECT	OVERHEAD SIGN STRUCTURE	EMERGENCY VEHICLE PRIORITY (EVP)	LED STREET NAME SIGNS	STREET LIGHTING	SHARED-USE PATH	FIRE HYDRANTS																				
35600716	HOT-MIX ASPHALT BASE COURSE WIDENING, 10"	SO YD	881.4	881.4																														
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	26678	26678																														
40600400	MIXTURE FOR CRACKS, JOINTS, AND	TON	60	60																														
	FLANGEWAYS																																	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT	SO YD	222	222																														
	JOINT																																	
40601005	HOT-MIX ASPHALT REPLACEMENT OVER	TON	303	303																														
	PATCHES																																	
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER	TON	1631	1631																														
	COURSE, IL-4, 75, N50																																	
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5,	TON	364	55									309																					
	MIX "D", N50																																	
40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE	TON	3874	3874																														
	COURSE, STONE MATRIX ASPHALT, 9.5, MIX																																	
	"F", N80																																	
42001300	PROTECTIVE COAT	SO YD	4361	4166					195																									
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY	SO YD	396	396																														
	PAVEMENT, 8 INCH																																	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	4696	4696																														
			* = SPECIALTY ITEMS																															
FILE NAME =		USER NAME = Bllgramisa		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION					SUMMARY OF QUANTITIES										F.A. RTE.		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.			
D:\planroom\dot\Illinois\gov\PI\DOT\Documents\DOT		0\Files\District\N\Projects\PI4261\CADData\Design\PI4261-sh-		DRAWN -		REVISED -																	341		2011-019-TS		COOK		191		7			
PLOT SCALE = 100.0000 ' / 1in.		CHECKED -		REVISED -																														
PLOT DATE = 6/26/2020		DATE -		REVISED -																														
													SCALE:										SHEET NO. 3 OF 20 SHEETS		STA.		TO STA.		FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		CONTRACT NO. 60P14	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE																							
CODE NO	ITEM	UNIT		90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE	80% FED 20% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE													
				0004	0021	0021	0021	0021	0044	0021	0021	0021	0021	0021													
				ROADWAY	TRAFFIC SIGNAL IL 72 AT OAKTON	TRAFFIC SIGNAL IL 72 AT IL 83	TRAFFIC SIGNAL IL 72 EAST OF IL 83	INTER- CONNECT	OVERHEAD SIGN STRUCTURE	EMERGENCY VEHICLE PRIORITY (EVP)	LED STREET NAME SIGNS	STREET LIGHTING	SHARED-USE PATH	FIRE HYDRANTS													
42400800	DETECTABLE WARNINGS	SO FT	278	278																							
44000100	PAVEMENT REMOVAL	SO YD	4282	4282																							
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SO YD	39522	39522																							
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	604	604																							
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	822	822																							
44000600	SIDEWALK REMOVAL	SO FT	4696	4696																							
44002210	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 2	SO YD	2161	2161																							
	1/2"																										
44003100	MEDIAN REMOVAL	SO FT	36345	36345																							
44004250	PAVED SHOULDER REMOVAL	SO YD	1067	1067																							
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SO YD	50	50																							
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SO YD	642	642																							
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SO YD	642	642																							
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SO YD	642	642																							
48101498	AGGREGATE SHOULDERS, TYPE B 4"	SO YD	134	134																							
																					* = SPECIALTY ITEMS						
FILE NAME =		USER NAME = Bllgramisa		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				SUMMARY OF QUANTITIES						F.A. RTE.		SECTION		COUNTY	TOTAL SHEETS	SHEET NO.			
D:\planroom\da\Illinois\gov\FWIDOT\Documents\DOT		M\ices\Districd N\Pro\ecds\PI4261\CADData\Design\PI4261\sh-		DRAWN -		REVISED -												341		2011-019-TS		COOK		191		8	
PLOT SCALE = 100,0000 ' / 1in.		CHECKED -		REVISED -		CONTRACT NO. 60P14																					
PLOT DATE = 6/26/2020		DATE -		REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT																					

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE																								
CODE NO	ITEM	UNIT		90% FED 10% STATE 0004	90% FED 10% STATE 0021	90% FED 10% STATE 0021	90% FED 10% STATE 0021	90% FED 10% STATE 0021	90% FED 10% STATE 0044	100% ELK GROVE VILLAGE 0021	100% ELK GROVE VILLAGE 0021	100% ELK GROVE VILLAGE 0021	80% FED 20% ELK GROVE VILLAGE 0021	100% ELK GROVE VILLAGE 0021														
				ROADWAY	TRAFFIC SIGNAL IL 72 AT OAKTON	TRAFFIC SIGNAL IL 72 AT IL 83	TRAFFIC SIGNAL IL 72 EAST OF IL 83	INTER- CONNECT	OVERHEAD SIGN STRUCTURE	EMERGENCY VEHICLE PRIORITY (EVP)	LED STREET NAME SIGNS	STREET LIGHTING	SHARED-USE PATH	FIRE HYDRANTS														
54213663	PRECAST REINFORCED CONCRETE FLARED END	EACH	3	3																								
	SECTIONS 18"																											
54213669	PRECAST REINFORCED CONCRETE FLARED END	EACH	2	2																								
	SECTIONS 24"																											
54213681	PRECAST REINFORCED CONCRETE FLARED END	EACH	1	1																								
	SECTIONS 36"																											
54213699	PRECAST REINFORCED CONCRETE FLARED END	EACH	1	1																								
	SECTIONS 54"																											
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	37.1	37.1																								
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	25.5										25.5															
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	185.67	185.67																								
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	22										22															
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	789.63	789.63																								
550A0190	STORM SEWERS, CLASS A, TYPE 1 48"	FOOT	163.66	163.66																								
550A0200	STORM SEWERS, CLASS A, TYPE 1 54"	FOOT	584.06	584.06																								
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	13.7	13.7																								
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	324.73	324.73																								
																					* = SPECIALTY ITEMS							
FILE NAME =		USER NAME = Bllgramlso		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION					SUMMARY OF QUANTITIES						F.A. RTE.		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.	
pws\planroom\dat\Illinois.gov\PWIDOT\Documents\UDOT -		Offices\District N\Projects\PI426\NCAD\Drawn -		DRAWN -		REVISED -													341		2011-019-TS		COOK		191		9	
PLOT SCALE = 100,0000 ' / 1in.		CHECKED -		REVISED -																								
PLOT DATE = 6/26/2020		DATE -		REVISED -																								

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE																				
CODE NO	ITEM	UNIT		90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE	80% FED 20% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE										
				0004	0021	0021	0021	0021	0044	0021	0021	0021	0021	0021										
				ROADWAY	TRAFFIC SIGNAL IL 72 AT OAKTON	TRAFFIC SIGNAL IL 72 AT IL 83	TRAFFIC SIGNAL IL 72 EAST OF IL 83	INTER- CONNECT	OVERHEAD SIGN STRUCTURE	EMERGENCY VEHICLE PRIORITY (EVP)	LED STREET NAME SIGNS	STREET LIGHTING	SHARED-USE PATH	FIRE HYDRANTS										
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	33	33																				
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	946	946																				
60200305	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 3 FRAME AND GRATE	EACH	3	3																				
60204005	CATCH BASINS, TYPE A, 5' -DIAMETER, TYPE 3 FRAME AND GRATE	EACH	4	4																				
60207105	CATCH BASINS, TYPE C, TYPE 3 FRAME AND GRATE	EACH	16	16																				
60218300	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	4	3									1											
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2										2											
60221000	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	12	12																				
60221200	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 3 FRAME AND GRATE	EACH	4	4																				
60223700	MANHOLES, TYPE A, 6' -DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1																				
																					* = SPECIALTY ITEMS			
FILE NAME =		USER NAME = Btlgramisa	DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION						SUMMARY OF QUANTITIES						F.A. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
D:\planroom\dot\Illinois\gov\FWIDOT\Documents\DOT		01\Tees\Dist\rd\N\Projects\PI4261\CADData\Design\PI4261-sh-	DRAWN -		REVISED -														341	2011-019-TS		COOK	191	10
PLOT SCALE = 100,0000' / 1in.		CHECKED -		REVISED -		CONTRACT NO. 60P14																		
PLOT DATE = 6/26/2020		DATE -		REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT																		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE																					
CODE NO	ITEM	UNIT		90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE	80% FED 20% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE											
				0004	0021	0021	0021	0021	0044	0021	0021	0021	0021	0021											
				ROADWAY	TRAFFIC SIGNAL IL 72 AT OAKTON	TRAFFIC SIGNAL IL 72 AT IL 83	TRAFFIC SIGNAL IL 72 EAST OF IL 83	INTER- CONNECT	OVERHEAD SIGN STRUCTURE	EMERGENCY VEHICLE PRIORITY (EVP)	LED STREET NAME SIGNS	STREET LIGHTING	SHARED-USE PATH	FIRE HYDRANTS											
60224447	MANHOLES, TYPE A, 7' -DIAMETER, TYPE 3	EACH	4	4																					
	FRAME AND GRATE																								
60224454	MANHOLES, TYPE A, 8' -DIAMETER, TYPE 3	EACH	1	1																					
	FRAME AND GRATE																								
60224457	MANHOLES, TYPE A, 8' -DIAMETER, TYPE 1	EACH	2	2																					
	FRAME, OPEN LID																								
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	1	1																					
60250400	CATCH BASINS TO BE ADJUSTED WITH NEW	EACH	2										2												
	TYPE 1 FRAME, OPEN LID																								
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	2	2																					
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	2	2																					
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	4	4																					
60603800	COMBINATION CONCRETE CURB AND GUTTER,	FOOT	822	822																					
	TYPE B-6.12																								
60605000	COMBINATION CONCRETE CURB AND GUTTER,	FOOT	3455	3455																					
	TYPE B-6.24																								
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	2100	2100																					
60620000	CONCRETE MEDIAN, TYPE SB-6.24	SQ FT	21706	21706																	* = SPECIALTY ITEMS				
FILE NAME =		USER NAME = Bllgramisa	DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION						SUMMARY OF QUANTITIES						F.A. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\planroom\dot.illinois.gov\PI\DOT\Documents\DOT Offices\District N\Projects\PI426\IN\CADData\Design\PI426\I-SB-6.24.DWG		DRAWN -		REVISED -		341													2011-019-TS		COOK	191	11		
		PLOT SCALE = 100.0000 ' / 1in.		CHECKED -		REVISED -															CONTRACT NO. 60P14				
		PLOT DATE = 6/26/2020		DATE -		REVISED -													SCALE:		SHEET NO. 7 OF 20 SHEETS		STA. TO STA.		FED. ROAD DIST. NO. 1

[illegible]

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE																										
CODE NO	ITEM	UNIT		90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE	80% FED 20% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE																
				0004	0021	0021	0021	0021	0044	0021	0021	0021	0021	0021																
				ROADWAY	TRAFFIC SIGNAL IL 72 AT OAKTON	TRAFFIC SIGNAL IL 72 AT IL 83	TRAFFIC SIGNAL IL 72 EAST OF IL 83	INTER- CONNECT	OVERHEAD SIGN STRUCTURE	EMERGENCY VEHICLE PRIORITY (EVP)	LED STREET NAME SIGNS	STREET LIGHTING	SHARED-USE PATH	FIRE HYDRANTS																
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	180	180																										
70300100	SHORT TERM PAVEMENT MARKING	FOOT	65720	65720																										
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	21907	21907																										
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND	SO FT	1007	1007																										
	SYMBOLS																													
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	3993	3993																										
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	4871	4871																										
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	1343	1343																										
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	4191	4191																										
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	463	463																										
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	16430	16430																										
70300900	PAVEMENT MARKING TAPE, TYPE IV -	SO FT	1000	1000																										
	LETTERS AND SYMBOLS																													
70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	4500	4500																										
70300906	PAVEMENT MARKING TAPE, TYPE IV 6"	FOOT	2500	2500																										
70300912	PAVEMENT MARKING TAPE, TYPE IV 12"	FOOT	1000	1000																										
			* = SPECIALTY ITEMS																											
FILE NAME =			USER NAME = Bllgramisa		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION						SUMMARY OF QUANTITIES						F.A. RTE.		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.	
D:\planroom\dot\Illinois\gov\FWIDOT\Documents\DOT Office\District N\Projects\PI4261\CADD\Data\Design\PI4261\sh-			DRAWN -		REVISED -		341														2011-019-TS		COOK		191		13			
PLOT SCALE = 100,0000 ' / 1in.			CHECKED -		REVISED -																									
PLOT DATE = 6/26/2020			DATE -		REVISED -																									

[illegible]

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE																								
CODE NO	ITEM	UNIT		90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE	80% FED 20% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE														
				0004	0021	0021	0021	0021	0044	0021	0021	0021	0021	0021														
				ROADWAY	TRAFFIC SIGNAL IL 72 AT OAKTON	TRAFFIC SIGNAL IL 72 AT IL 83	TRAFFIC SIGNAL IL 72 EAST OF IL 83	INTER- CONNECT	OVERHEAD SIGN STRUCTURE	EMERGENCY VEHICLE PRIORITY (EVP)	LED STREET NAME SIGNS	STREET LIGHTING	SHARED-USE PATH	FIRE HYDRANTS														
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE	FOOT	1343	1343																								
	8"																											
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE	FOOT	4191	4191																								
	12"																											
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE	FOOT	463	463																								
	24"																											
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	392	392																								
78300200	RAISED REFLECTIVE PAVEMENT MARKER	EACH	392	392																								
	REMOVAL																											
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1									1																
80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1									1																
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL,	FOOT	3593		497	1094	646	1356																				
	2" DIA.																											
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL,	FOOT	370		246	26	98																					
	3" DIA.																											
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL,	FOOT	3657		592	957	530					1578																
	4" DIA.																											
81028250	UNDERGROUND CONDUIT, GALVANIZED STEEL,	FOOT	310			310																						
	5" DIA.																											
FILE NAME =			USER NAME = Bllgramisa		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				SUMMARY OF QUANTITIES										F.A. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom\dot.illinois.gov\PI\DOT\Documents\DOT			Offices\District N\Projects\PI426\IN\CADData\Design\PI426\I-SH-50		DRAWN -		REVISED -																341	2011-019-TS		COOK	191	15
			PLOT SCALE = 100.0000 ' / 1in.		CHECKED -		REVISED -																CONTRACT NO. 60P14					
			PLOT DATE = 6/26/2020		DATE -		REVISED -																FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE																								
CODE NO	ITEM	UNIT		90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE	80% FED 20% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE														
				0004	0021	0021	0021	0021	0044	0021	0021	0021	0021	0021														
				ROADWAY	TRAFFIC SIGNAL IL 72 AT OAKTON	TRAFFIC SIGNAL IL 72 AT IL 83	TRAFFIC SIGNAL IL 72 EAST OF IL 83	INTER-CONNECT	OVERHEAD SIGN STRUCTURE	EMERGENCY VEHICLE PRIORITY (EVP)	LED STREET NAME SIGNS	STREET LIGHTING	SHARED-USE PATH	FIRE HYDRANTS														
81400100	HANDHOLE	EACH	13		4	4	4	1																				
81400200	HEAVY-DUTY HANDHOLE	EACH	5		1	4																						
81400300	DOUBLE HANDHOLE	EACH	9		2	5	2																					
81603020	UNIT DUCT, 600V, 3-1C NO.10, 1/C NO.10	FOOT	80									80																
	GROUND, (XLP-TYPE USE), 3/4" DIA.																											
	POLYETHYLENE																											
81603090	UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6	FOOT	9110									9110																
	GROUND, (XLP-TYPE USE), 1 1/4" DIA.																											
	POLYETHYLENE																											
81702160	ELECTRIC CABLE IN CONDUIT, 600V	FOOT	150									150																
	(XLP-TYPE USE) 1/C NO. 1/0																											
83001600	LIGHT POLE, ALUMINUM, 35 FT. M.H., 15	EACH	2									2																
	FT. DAVIT ARM																											
83003400	LIGHT POLE, ALUMINUM, 45 FT. M.H., 10	EACH	19									19																
	FT. DAVIT ARM																											
83003600	LIGHT POLE, ALUMINUM, 45 FT. M.H., 15	EACH	28									28																
	FT. DAVIT ARM																											
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	490									490																
				* = SPECIALTY ITEMS																								
FILE NAME =		USER NAME = Btlgramisa		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION					SUMMARY OF QUANTITIES										F.A. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
D:\planroom\Illinois\gov\FWIDOT\Documents\DOT		0\Tices\District\N\Projects\PI426\CADData\Design\PI426		DRAWN -		REVISED -																	341	2011-019-TS		COOK	191	16
PLOT SCALE = 100,0000 ' / 1in.		CHECKED -		REVISED -		CONTRACT NO. 60P14																						
PLOT DATE = 6/26/2020		DATE -		REVISED -																								

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE																					
CODE NO	ITEM	UNIT		90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE	80% FED 20% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE											
				0004	0021	0021	0021	0021	0044	0021	0021	0021	0021	0021											
				ROADWAY	TRAFFIC SIGNAL IL 72 AT OAKTON	TRAFFIC SIGNAL IL 72 AT IL 83	TRAFFIC SIGNAL IL 72 EAST OF IL 83	INTER- CONNECT	OVERHEAD SIGN STRUCTURE	EMERGENCY VEHICLE PRIORITY (EVP)	LED STREET NAME SIGNS	STREET LIGHTING	SHARED-USE PATH	FIRE HYDRANTS											
83800105	BREAKAWAY DEVICE, TRANSFORMER BASE,	EACH	2									2													
	11.5 INCH BOLT CIRCLE																								
83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15	EACH	47									47													
	INCH BOLT CIRCLE																								
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL	EACH	1					1																	
	INSTALLATION																								
85000400	MAINTENANCE OF TEMPORARY TRAFFIC SIGNAL	EACH	3		1	1	1																		
	INSTALLATION																								
86400100	TRANSCEIVER - FIBER OPTIC	EACH	3		1	1	1																		
87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO.	FOOT	4323					4323																	
	14 1C																								
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO.	FOOT	3363			2714	649																		
	14 2C																								
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO.	FOOT	7034		433	5047	1554																		
	14 3C																								
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO.	FOOT	12555		3307	5372	3876																		
	14 5C																								
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO.	FOOT	1085			1085																			
	14 7C																								
																						* = SPECIALTY ITEMS			
FILE NAME =		USER NAME = Bligramisa		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				SUMMARY OF QUANTITIES						F.A. RTE.		SECTION		COUNTY	TOTAL SHEETS	SHEET NO.	
D:\planroom\dot\Illinois\gov\PWIDOT\Documents\DOT		D:\planroom\dot\Illinois\gov\PWIDOT\Documents\DOT		DRAWN -		REVISED -												341		2011-019-TS		COOK	191	17	
PLOT SCALE = 100,0000 ' / 1in.		CHECKED -		REVISED -																				CONTRACT NO. 60P14	
PLOT DATE = 6/26/2020		DATE -		REVISED -																				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

[illegible]

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE																																	
CODE NO	ITEM	UNIT		90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE	80% FED 20% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE																							
				0004	0021	0021	0021	0021	0044	0021	0021	0021	0021	0021																							
				ROADWAY	TRAFFIC SIGNAL IL 72 AT OAKTON	TRAFFIC SIGNAL IL 72 AT IL 83	TRAFFIC SIGNAL IL 72 EAST OF IL 83	INTER- CONNECT	OVERHEAD SIGN STRUCTURE	EMERGENCY VEHICLE PRIORITY (EVP)	LED STREET NAME SIGNS	STREET LIGHTING	SHARED-USE PATH	FIRE HYDRANTS																							
87702560	STEEL MAST ARM ASSEMBLY AND POLE WITH	EACH	1		1																																
	DUAL MAST ARMS, 36 FT.																																				
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	64		36	12	16																														
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	12		4	4	4																														
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH	FOOT	25		25																																
	DIAMETER																																				
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH	FOOT	71			58	13																														
	DIAMETER																																				
87800420	CONCRETE FOUNDATION, TYPE E 42-INCH	FOOT	22				22																														
	DIAMETER																																				
87900200	DRILL EXISTING HANDHOLE	EACH	1					1																													
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION,	EACH	28		7	13	8																														
	MAST-ARM MOUNTED																																				
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION,	EACH	23		9	6	8																														
	BRACKET MOUNTED																																				
88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION,	EACH	2			2																															
	BRACKET MOUNTED																																				
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION,	EACH	2			2																															
	MAST-ARM MOUNTED																																				
			* = SPECIALTY ITEMS																																		
FILE NAME =		USER NAME = Bllgramisa		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				SUMMARY OF QUANTITIES								F.A. RTE.		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.									
pw:\planroom\dot.illinois.gov\PW\DOT\Documents\DOT		Offices\District N\Projects\PI4261\CADData\Design\PI4261i-sh-		DRAWN -		REVISED -														341		2011-019-TS		COOK		191		19									
		PLOT SCALE = 100.0000 ' / 1in.		CHECKED -		REVISED -																				CONTRACT NO. 60P14											
		PLOT DATE = 6/26/2020		DATE -		REVISED -														SCALE:		SHEET NO. 15 OF 20 SHEETS		STA.		TO STA.		FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT					

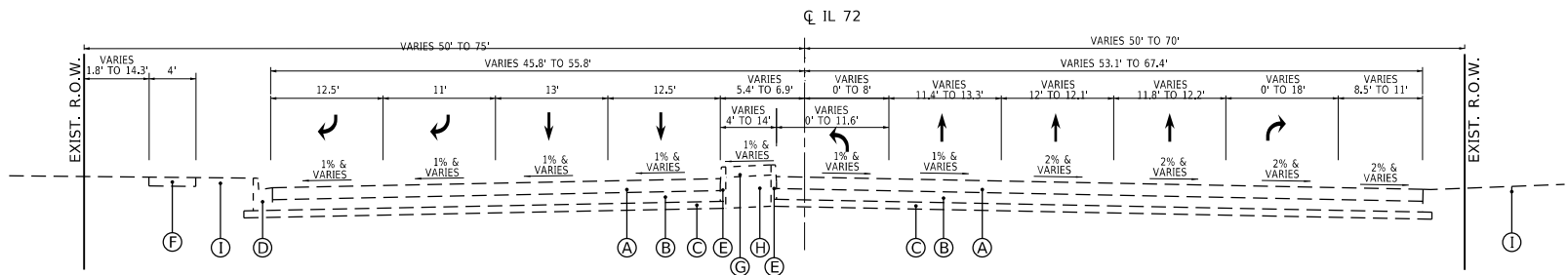
SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE																										
CODE NO	ITEM	UNIT		90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE	80% FED 20% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE																
				0004	0021	0021	0021	0021	0044	0021	0021	0021	0021	0021																
				ROADWAY	TRAFFIC SIGNAL IL 72 AT OAKTON	TRAFFIC SIGNAL IL 72 AT IL 83	TRAFFIC SIGNAL IL 72 EAST OF IL 83	INTER- CONNECT	OVERHEAD SIGN STRUCTURE	EMERGENCY VEHICLE PRIORITY (EVP)	LED STREET NAME SIGNS	STREET LIGHTING	SHARED-USE PATH	FIRE HYDRANTS																
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE,	EACH	20			14	6																							
	BRACKET MOUNTED WITH COUNTDOWN TIMER																													
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED,	EACH	30		7	15	8																							
	FORMED PLASTIC																													
88500100	INDUCTIVE LOOP DETECTOR	EACH	35		7	21	7																							
88600100	DETECTOR LOOP, TYPE I	FOOT	2962		597	1765	600																							
88700200	LIGHT DETECTOR	EACH	9							9																				
88700300	LIGHT DETECTOR AMPLIFIER	EACH	3							3																				
88800100	PEDESTRIAN PUSH-BUTTON	EACH	16			11	5																							
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	3		1	1	1																							
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	4587					4587																						
89502375	REMOVE EXISTING TRAFFIC SIGNAL	EACH	3		1	1	1																							
	EQUIPMENT																													
89502380	REMOVE EXISTING HANDHOLE	EACH	29		7	11	8	3																						
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	3		1	1	1																							
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	25		10	7	8																							
																					* = SPECIALTY ITEMS									
FILE NAME =		USER NAME = Btlgramisa		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION					SUMMARY OF QUANTITIES						F.A.		SECTION		COUNTY	TOTAL SHEETS	SHEET NO.					
D:\planroom\dl\Illinois\gov\FWIDOT\Documents\DOT		01\Icos\Distric		N\Pro\ecds\PI4261\CAD\dra\Design\PI4261-sh		DRAWN -													REVISED -		341		2011-019-TS		COOK	191	20			
PLOT SCALE = 100,0000 ' / 1in.		CHECKED -		REVISED -																										
PLOT DATE = 6/26/2020		DATE -		REVISED -																										
													SCALE:						SHEET NO. 16 OF 20 SHEETS		STA.		TO STA.		FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		CONTRACT NO. 60P14	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE																								
CODE NO	ITEM	UNIT		90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	80% FED 20% STATE	100% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE	80% FED 20% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE														
				0004	0021	0021	0021	0021	0044	0021	0021	0021	0021	0021														
				ROADWAY	TRAFFIC SIGNAL IL 72 AT OAKTON	TRAFFIC SIGNAL IL 72 AT IL 83	TRAFFIC SIGNAL IL 72 EAST OF IL 83	INTER- CONNECT	OVERHEAD SIGN STRUCTURE	EMERGENCY VEHICLE PRIORITY (EVP)	LED STREET NAME SIGNS	STREET LIGHTING	SHARED-USE PATH	FIRE HYDRANTS														
89502500	REMOVE TEMPORARY TRAFFIC SIGNAL	EACH	3		1	1	1																					
	INSTALLATION																											
C2008218	SHRUB, ROSA NEARLY WILD (NEARLY WILD	EACH	12	12																								
	SHRUB ROSE), 18" HEIGHT, CONTAINER																											
K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE,	UNIT	0.68	0.68																								
	GALLON POT																											
K0012993	PERENNIAL PLANTS, ORNAMENTAL TYPE,	UNIT	1.2	1.2																								
	3-GALLON POT																											
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1																								
X0322936	REMOVE EXISTING FLARED END SECTION	EACH	2										2															
X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE	FOOT	2403							2403																		
	SENSOR CABLE, NO. 20 3/C																											
X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	500					500																				
X0327698	LED INTERNALLY ILLUMINATED STREET NAME	EACH	10							10																		
	SIGN																											
X0327980	PAVEMENT MARKING REMOVAL - WATER	SQ FT	3800	3800																								
	BLASTING																											
X1200073	MANHOLE REMOVAL	EACH	55	55																		REV-SEP						
																						* = SPECIALTY ITEMS						
FILE NAME =		USER NAME = Bllgramisa		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION					SUMMARY OF QUANTITIES						F.A. RTE.		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.	
pw:\planroom\dot\illinois.gov\PW\DOT\Documents\DOT Offices\District N\Projects\PI426\I\CADData\Design\PI426\I-sh-50\DRAWN -				CHECKED -		REVISED -													341		2011-019-TS		COOK		191		21	
		PLOT SCALE = 100.0000 ' / 1in.		DATE -		REVISED -																					CONTRACT NO. 60P14	
		PLOT DATE = 6/26/2020																			SCALE:		SHEET NO. 17 OF 20 SHEETS		STA.		TO STA.	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE																																
CODE NO	ITEM	UNIT		90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE	80% FED 20% ELK GROVE VILLAGE	100% ELK GROVE VILLAGE																						
				0004	0021	0021	0021	0021	0044	0021	0021	0021	0021	0021																						
				ROADWAY	TRAFFIC SIGNAL IL 72 AT OAKTON	TRAFFIC SIGNAL IL 72 AT IL 83	TRAFFIC SIGNAL IL 72 EAST OF IL 83	INTER- CONNECT	OVERHEAD SIGN STRUCTURE	EMERGENCY VEHICLE PRIORITY (EVP)	LED STREET NAME SIGNS	STREET LIGHTING	SHARED-USE PATH	FIRE HYDRANTS																						
X1400081	FULL-ACTUATED CONTROLLER AND TYPE SUPER	EACH	2		1		1																													
	P CABINET (SPECIAL)																																			
X1400108	FULL-ACTUATED CONTROLLER AND TYPE SUPER	EACH	1			1																														
	R CABINET (SPECIAL)																																			
X1400150	SERVICE INSTALLATION, GROUND MOUNTED,	EACH	3		1	1	1																													
	METERED																																			
X1400367	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	5			3	2																													
X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	500	500																																
X5537900	STORM SEWERS TO BE CLEANED 15"	FOOT	500	500																																
X6030310	FRAMES AND LIDS TO BE ADJUSTED	EACH	7	7																																
	(SPECIAL)																																			
X7010216	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1																																
	(SPECIAL)																																			
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	16263	16263																																
X7330310	OVERHEAD SIGN STRUCTURE - SPAN, DUAL	FOOT	76						76																											
	MONOTUBE																																			
X8250505	LIGHTING CONTROLLER, SPECIAL	EACH	1									1																								
X8600105	MASTER CONTROLLER (SPECIAL)	EACH	1					1																												
FILE NAME =			USER NAME = Bllgramlisa		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				SUMMARY OF QUANTITIES										F.A. .		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.					
pw:\planroom\dot\illinois\gov\PI\DOT\Documents\DOT			Offices\District N\Projects\PI426\IN\CADData\Design\PI426\I-SH		DRAWN -		REVISED -																341		2011-019-TS		COOK		191		22					
			PLOT SCALE = 100.0000 ' / 1in.		CHECKED -		REVISED -																													
			PLOT DATE = 6/26/2020		DATE -		REVISED -																													
													SCALE:				SHEET NO. 18 OF 20 SHEETS				STA.				TO STA.				FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT		CONTRACT NO. 60P14	

☐ NON-PART 100% STATE
* = SPECIALTY ITEMS

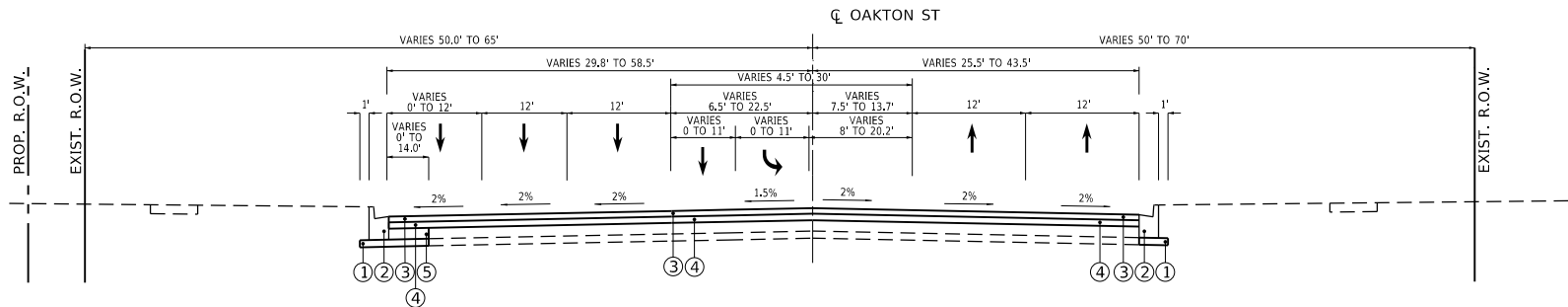
SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE																									
CODE NO	ITEM	UNIT		90% FED 10% STATE 0004	90% FED 10% STATE 0021	90% FED 10% STATE 0021	90% FED 10% STATE 0021	90% FED 10% STATE 0021	90% FED 10% STATE 0044	100% ELK GROVE VILLAGE 0021	100% ELK GROVE VILLAGE 0021	100% ELK GROVE VILLAGE 0021	80% FED 20% ELK GROVE VILLAGE 0021	100% ELK GROVE VILLAGE 0021															
				ROADWAY	TRAFFIC SIGNAL IL 72 AT OAKTON	TRAFFIC SIGNAL IL 72 AT IL 83	TRAFFIC SIGNAL IL 72 EAST OF IL 83	INTER- CONNECT	OVERHEAD SIGN STRUCTURE	EMERGENCY VEHICLE PRIORITY (EVP)	LED STREET NAME SIGNS	STREET LIGHTING	SHARED-USE PATH	FIRE HYDRANTS															
X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	3		1	1	1																						
X8710024	FIBER OPTIC CABLE IN CONDUIT, NO.	FOOT	4392					4392																					
	62.5/125, MM12F SM24F																												
X8780010	CONCRETE FOUNDATION, TYPE A 10-INCH	FOOT	20			12	8																						
	DIAMETER																												
Z0004562	COMBINATION CONCRETE CURB AND GUTTER	FOOT	983	983																									
	REMOVAL AND REPLACEMENT																												
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1																									
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	11	11																									
Z0030850	TEMPORARY INFORMATION SIGNING	50 FT	165.3	165.3																									
Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1					1																					
Z0062456	TEMPORARY PAVEMENT	50 YD	2702	2702																									
Z0064800	SELECTIVE CLEARING	UNIT	2	2																									
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	3		1	1	1																						
87702644	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL	EACH	1				1																						
	MAST ARMS, 40 FT. AND 56 FT.																												
																						REV-SEP							
																						☐ NON-PART 100% STATE * = SPECIALTY ITEMS							
FILE NAME =		USER NAME = Bllgramlso		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION						SUMMARY OF QUANTITIES						F.A. RTE.		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.	
p:\planroom\dl\Illinois.gov\FWIDOT\Documents\UDOT - OnTracs\District 1\Projects\P14261\CADDData\Design\P14261-sh-2		DRAWN -		REVISED -		341														2011-019-TS		COOK		191		23			
PLOT SCALE = 100,0000 ' / 1 in.		CHECKED -		REVISED -																									
PLOT DATE = 6/26/2020		DATE -		REVISED -																									



EXIST. TYPICAL IL 72
STA. 64+73.30 TO STA. 75+00.00

EXISTING LEGEND

- (A) EXISTING BITUMINOUS OVERLAY,
- (B) EXISTING PCC BASE,
- (C) EXISTING STABILIZED SUB-BASE,
- (D) EXISTING CURB & GUTTER, B-6.24
- (E) EXISTING CURB & GUTTER, B-6
- (F) EXISTING SIDEWALK
- (G) EXISTING PCC MEDIAN,
- (H) EXISTING SAND FILL
- (I) EXISTING GROUND LINE

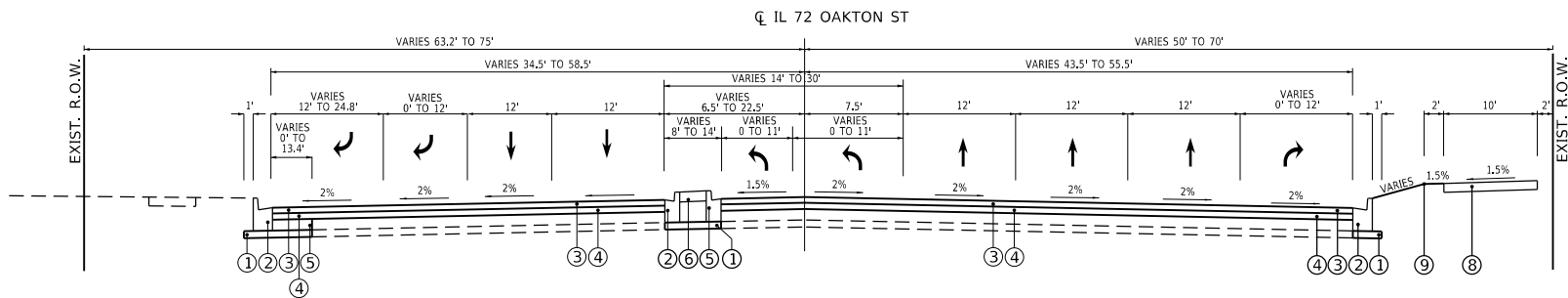


PROP. TYPICAL OAKTON STREET
STA. 59+14.39 TO STA. 62+38.04
STA. 78+37.92 TO STA. 84+26.38

PROPOSED LEGEND

- (1) PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (2) PROPOSED CURB & GUTTER, B-6.24
- (3) PROP. POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4"
- (4) POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; 3/4"
- (5) * HMA BASE COURSE; 10" / HMA BASE COURSE WIDENING; 10" OR PCC BASE COURSE; 10"
- (6) PROPOSED CURB & GUTTER, B-6.12
- (7) PROPOSED PCC MEDIAN
- (8) PROPOSED SHARED-USE PATH
- (9) PROPOSED GROUND LINE

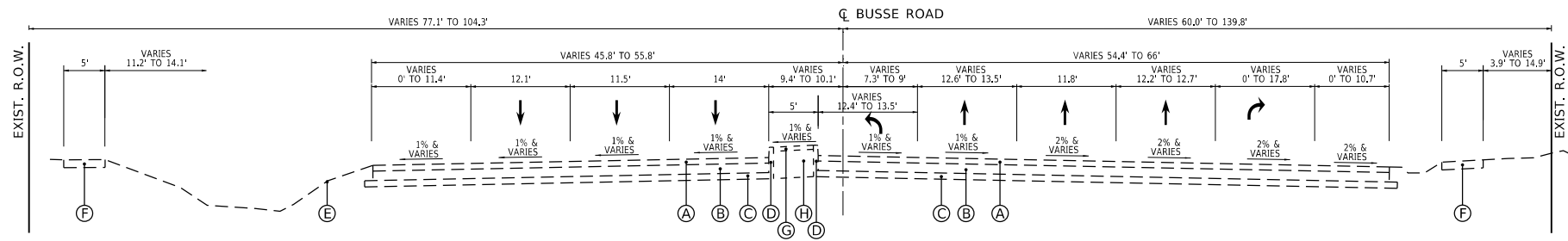
* NOTE: SEE ROADWAY PLANS ON LOCATIONS FOR HMA BINDER COURSE OR PCC BASE COURSE



PROP. TYPICAL IL 72 /OAKTON STREET
STA. 62+38.04 TO STA. 78+37.92

MODEL Default
FILE Name: p:\pub\anr\m\dat\illnd\sov\p\w\DOT\Documents\DOT Office\District 1\Projects\142611\CAD\data\Design\142611-sht-typical.dgn

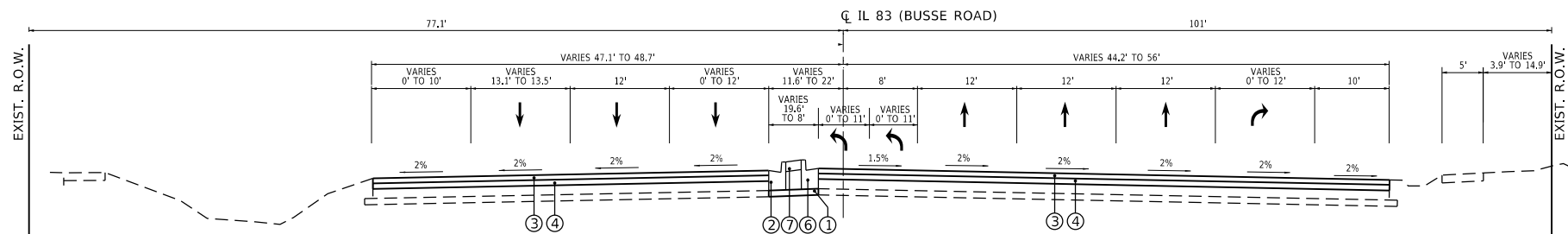
	USER NAME = bilgramisa		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS IL ROUTE 72 /OAKTON STREET		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -		CHECKED -	REVISED -				341	2011-019-TS	COOK	191	25
	PLOT SCALE = 100.0000 ' / in.		DATE -	REVISED -				CONTRACT NO. 60P14				
	PLOT DATE = 6/26/2020		DATE -	REVISED -				ILLINOIS FED. AID PROJECT				
SCALE:		SHEET	OF	SHEETS	STA.	TO STA.						



EXIST. TYPICAL BUSSE ROAD
STA. 26+30.77 TO STA. 40+33.92

EXISTING LEGEND

- (A) EXISTING BITUMINOUS OVERLAY,
- (B) EXISTING PCC BASE,
- (C) EXISTING STABILIZED SUB-BASE,
- (D) EXISTING CURB & GUTTER, B-6.24
- (E) EXISTING CURB & GUTTER, B-6
- (F) EXISTING SIDEWALK
- (G) EXISTING PCC MEDIAN,
- (H) EXISTING SAND FILL
- (I) EXISTING GROUND LINE

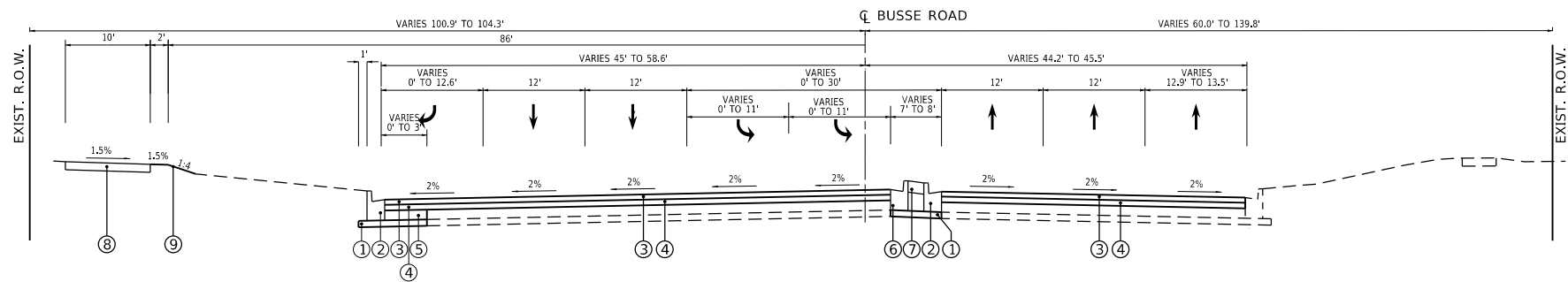


PROP. TYPICAL IL 83 (BUSSE ROAD)
STA. 26+30.77 TO STA. 35+00

PROPOSED LEGEND

- ① PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ② PROPOSED CURB & GUTTER, B-6.24
- ③ PROP. POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4"
- ④ POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; 3/4"
- ⑤ * HMA BASE COURSE; 10" / HMA BASE COURSE WIDENING; 10" OR PCC BASE COURSE; 10"
- ⑥ PROPOSED CURB & GUTTER, B-6.12
- ⑦ PROPOSED PCC MEDIAN
- ⑧ PROPOSED SHARED-USE PATH
- ⑨ PROPOSED GROUND LINE

* NOTE: SEE ROADWAY PLANS ON LOCATIONS FOR HMA BINDER COURSE OR PCC BASE COURSE



PROP. TYPICAL BUSSE ROAD
STA. 35+00.00 TO STA. 40+33.91

MODEL Default
FILE Name: p:\pub\anr\room\dat\illinois\p\42611\CA00\data\Design\p\42611-sht\typical.dgn

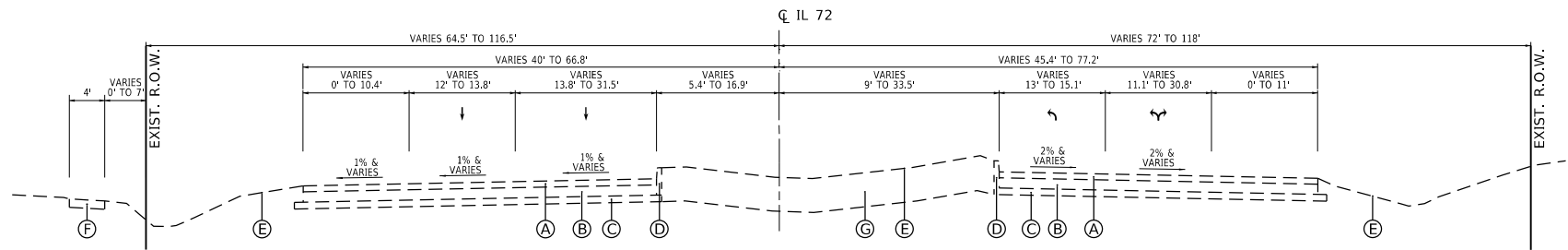
USER NAME	= Bilgramisa	DESIGNED	-	REVISED	-
DRAWN	-	CHECKED	-	REVISED	-
PLOT SCALE	= 100,0000 ' / in.	DATE	-	REVISED	-
PLOT DATE	= 6/26/2020				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**TYPICAL SECTIONS
IL ROUTE 83 /BUSSE ROAD**

SCALE: SHEET OF SHEETS STA. TO STA.

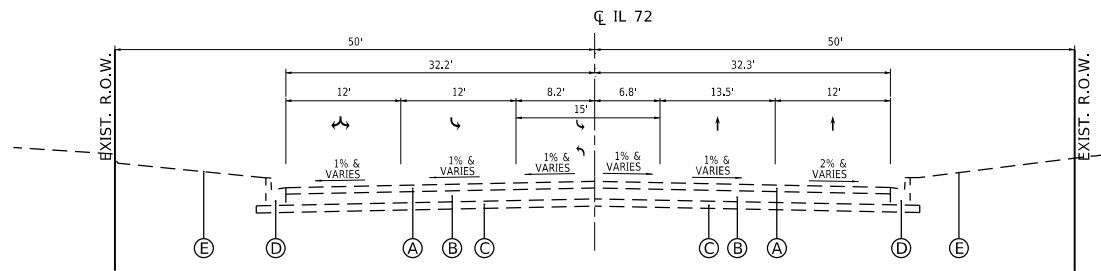
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-T5	COOK	191	26
CONTRACT NO. 60P14				
ILLINOIS FED. AID PROJECT				



EXIST. TYPICAL IL 72 (HIGGINS ROAD) (N/O OAKTON STREET)
STA. 112+68 TO STA. 115+00

EXISTING LEGEND

- (A) EXISTING BITUMINOUS OVERLAY,
- (B) EXISTING PCC BASE,
- (C) EXISTING STABILIZED SUB-BASE,
- (D) EXISTING CURB & GUTTER, B-6
- (E) EXISTING GROUND LINE
- (F) EXISTING SIDEWALK
- (G) STABILIZED MEDIAN



EXIST. TYPICAL IL 72 (HIGGINS ROAD) (S/O OAKTON STREET)
STA. 150+00 TO STA. 151+74.18

EXISTING LEGEND

- (A) EXISTING BITUMINOUS OVERLAY,
- (B) EXISTING PCC BASE,
- (C) EXISTING STABILIZED SUB-BASE,
- (D) EXISTING CURB & GUTTER, B-6.24
- (E) EXISTING GROUND LINE

MODEL: Default
FILE: \\nrcs-pw\pub\lanroom\dat\illroads\gov\RW\DOT\Documents\DOT_Offices\District_1\Projects\142611\CAD\Drawings\142611-11-shb-typical.dgn

	USER NAME = Bilgramisa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS IL ROUTE 72		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -				341	2011-019-T5	COOK	191	27
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -				CONTRACT NO. 60P14				
	PLOT DATE = 6/26/2020	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				
SCALE:		SHEET	OF	SHEETS	STA.	TO STA.					

MODEL Default
FILE Name: pavtypenorm.dwt\\links\\gov\\PW\\DOT\\Documents\\DOT Office\\District 1\\Projects\\P142611\\CAD\\Data\\Design\\P142611-shbtypical.dgn

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOID @ N _{Des}	QUALITY MANAGEMENT PROGRAM (QMP)
PAVEMENT WIDENING (IL 72 AT OAKTON ST.)		
POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX F", N80; 1 3/4"	3.5% @ 80 GYR	QCP
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; 3/4"	3.5% @ 50 GYR	QC/QA
PAVEMENT WIDENING AND SHOULDER RECONSTRUCTION (IL 72 / IL 83 BUSSE RD.)		
POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX F", N80; 1 3/4"	3.5% @ 80 GYR	QCP
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; 3/4"	3.5% @ 50 GYR	QC/QA
HMA BASE COURSE (HMA BINDER IL-19.0); 10"	4% @ 90 GYR	QC/QA
HMA BASE COURSE WIDENING (HMA BINDER IL-19.0); 10"	4% @ 90 GYR	QC/QA
PAVEMENT AND SHOULDER RESURFACING		
POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80; 1 3/4"	3.5% @ 80 GYR	QCP
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; 3/4"	3.5% @ 50 GYR	QC/QA
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50 (IL 9.5 mm); 2"	4% @ 50 GYR	QC/QA
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm); PE 6"; CE - 8"	4% @ 50 GYR	QC/QA
SHARED-USE PATH		
HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50 (IL 9.5 mm); 2"	4% @ 50 GYR	QC/QA
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR	QC/QA
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR	QC/QA
TEMPORARY PAVEMENT (MEDIANS)		
HMA SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 2"	4% @ 70 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 8"	4% @ 70 GYR	QC/QA
QMP Designation: Quality Control/ Quality Assurance (QC/QA); Quality Control for Performance (QCP); Pay for Performance (PFP)		

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LB/ SQ YD/IN.

THE "AC TYPE" FOR POLYMERIZED MIXTURES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISION.

QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

CONTRACTOR SHALL PATCH BEFORE MILLING

IF PCC IS BEING USED AS AN OPTION FOR TEMPORARY PAVEMENT:
PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS.
TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.

ALL TEMPORARY PAVEMENT SHALL BE PROVIDED OVER 4" SUBBASE GRANULAR MATERIAL, TYPE B.

	USER NAME = bilgramisa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS IL ROUTE 72		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -				341	2011-019-T5	COOK	191	28
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -				CONTRACT NO. 60P14				
	PLOT DATE = 6/26/2020	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				
SCALE:		SHEET	OF	SHEETS	STA.	TO STA.					

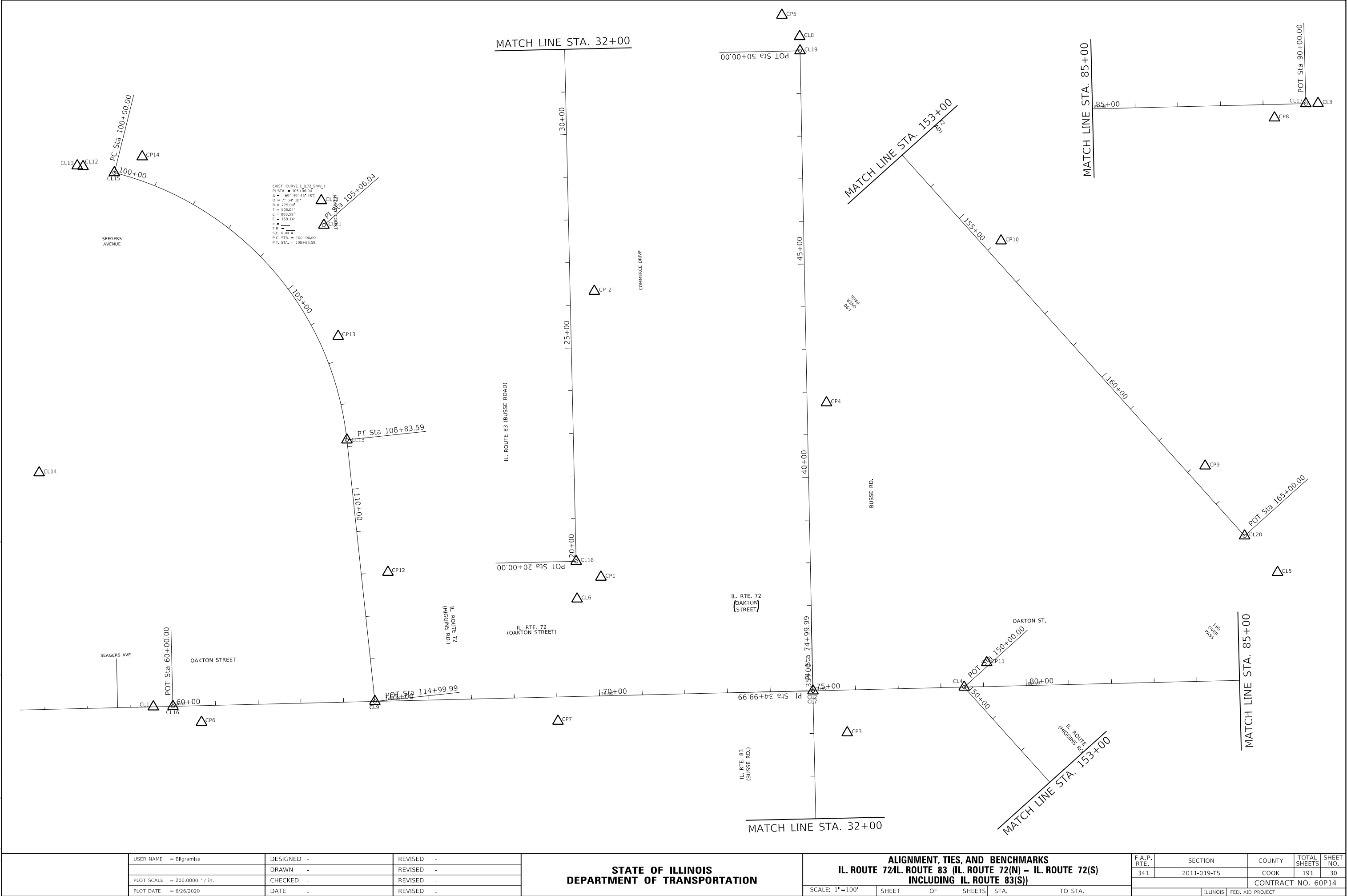
MODEL Default
FILE Name: p:\publanroom.datalinks\gov\PW\DOT\Documents\DOT_Offices\District_1\Projects\142611\CADData\Design\142611-shrzschedule.dgn

TREE REMOVAL SCHEDULE			
STATION	OFFSET	SIZE (Unit)	PAY ITEM
58+39.38	48.7' RT	15	TREE REMOVAL (6 TO 15 UNITS DIAMETER)
77+15.6	67.4' LT	10	TREE REMOVAL (6 TO 15 UNITS DIAMETER)
77+17.4	69.2' LT	12	TREE REMOVAL (6 TO 15 UNITS DIAMETER)
78+39.7	60.8' LT	12	TREE REMOVAL (6 TO 15 UNITS DIAMETER)
79+25.7	54.85' LT	14	TREE REMOVAL (6 TO 15 UNITS DIAMETER)
79+25.6	55.5' LT	14	TREE REMOVAL (6 TO 15 UNITS DIAMETER)
79+73.4	54.7' LT	12	TREE REMOVAL (6 TO 15 UNITS DIAMETER)
78+25.5	67.2' LT	18	TREE REMOVAL (OVER 15 UNITS DIAMETER)

SELECTIVE CLEARING		
STATION	AREA(SQ FT)	UNIT
58+17	70	0.1
69+72 TO 74+00	1712	1.7
150+33 TO 150+68	140	0.1

	USER NAME = Bllgramisa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 72 (HIGGINS RD) AT IL 83 (BUSSE RD) TREE REMOVAL SCHEDULE				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						341	2011-019-TS	COOK	191	29
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -		CONTRACT NO. 60P14								
	PLOT DATE = 6/26/2020	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.			
										ILLINOIS	FED. AID PROJECT		

MODEL: Default
FILE: \\nrtm2-prod\planroom\dot\illroads\gov\PWIDOT\Documents\DOT_Offices\District_1\Projects\142611\CAD\data\CAD\Sheets\142611-shl-ATB.dgn



USER NAME	= Bilgramisa	DESIGNED	-	REVISED	-
DRAWN	-	REVIS	-	REVISED	-
PLOT SCALE	= 200.0000 ' / in.	CHECKED	-	REVISED	-
PLOT DATE	= 6/26/2020	DATE	-	REVISED	-

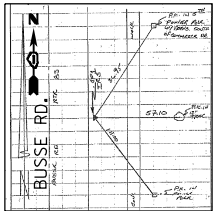
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS
IL. ROUTE 83 (IL. ROUTE 72(N) - IL. ROUTE 72(S)
INCLUDING IL. ROUTE 83(S))

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

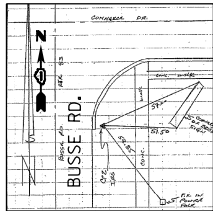
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-TS	COOK	191	30
CONTRACT NO. 60P14				
ILLINOIS FED. AID PROJECT				

MODEL Default
FILE Name: p:\pub\anrcom.d\alllinks\gov\p\WIDOT\Documents\DOT Office\District 1\Projects\142611\CAD\data\CAD\heets\142611-sh-A1B.dgn



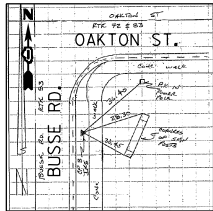
CONTROL POINT 1

TOP OF IRON ROD
STA. OFF CHAIN
N=1949442.7500
E=1085817.8900
ELEV.=680.9300



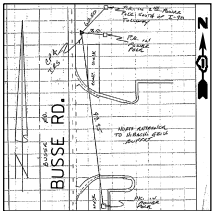
CONTROL POINT 2

TOP OF IRON ROD
STA. 26+31.63
N=1950112.5700
E=1085802.2800
ELEV.=679.6600



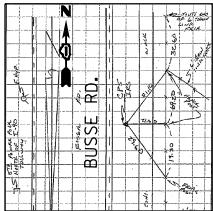
CONTROL POINT 3

TOP OF IRON ROD
HOLDING GPS ELEV.
NO ADJUSTMENT MADE
STA 33+99.94
N=1950881.1700
E=1085806.4400
ELEV.=679.3300



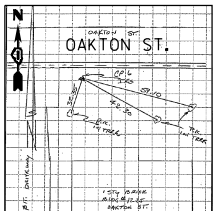
CONTROL POINT 4

TOP OF IRON ROD
STA. 41+74.37
N=1951654.5800
E=1085757.8500
ELEV.=677.5200



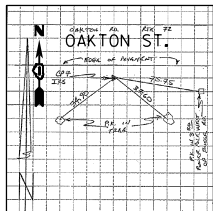
CONTROL POINT 5

TOP OF IRON ROD
STA. OFF CHAIN
N=1952562.4200
E=1085653.3600
ELEV.=680.1100



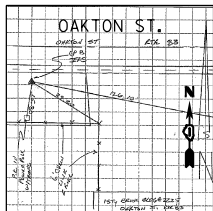
CONTROL POINT 6

TOP OF IRON ROD
STA. 60+66.13
N=1950905.7000
E=1084293.5500
ELEV.=689.6700



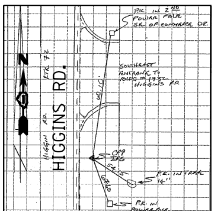
CONTROL POINT 7

TOP OF IRON ROD
STA. 69+01.17
N=1950908.1800
E=1085128.7700
ELEV.=680.7000



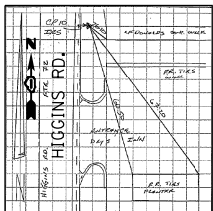
CONTROL POINT 8

TOP OF IRON ROD
STA. 89+25.75
N=1950982.5300
E=1087152.1400
ELEV.=670.0600



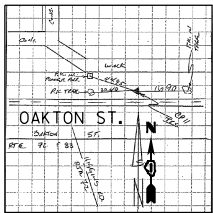
CONTROL POINT 9

TOP OF IRON ROD
STA. 163+16.37
N=1950036.7100
E=1086991.1500
ELEV.=674.4300



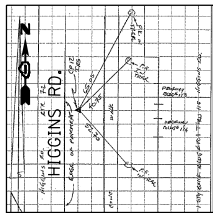
CONTROL POINT 10

TOP OF IRON ROD
STA. 156+04.30
N=1950564.3700
E=1086513.0000
ELEV.=675.5700



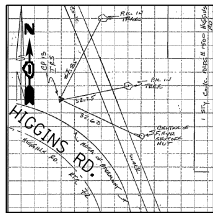
CONTROL POINT 11

TOP OF IRON ROD
CONC. SIDEWALK
STA. 79+08.80
N=1951045.4800
E=1086133.3600
ELEV.=676.9100



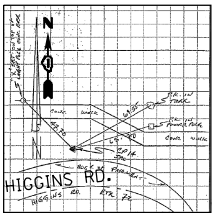
CONTROL POINT 12

TOP OF IRON ROD
IN BIT SIDEWALK
STA. 112+02.31
N=1951257.1600
E=1084730.3100
ELEV.=683.8900



CONTROL POINT 13

TOP OF IRON ROD
STA. 106+50.41
N=1951810.0900
E=1084613.8000
ELEV.=686.3800



CONTROL POINT 14

TOP OF IRON ROD
STA. 100+50.52
N=1952230.7300
E=1084154.5100
ELEV.=691.1900

BENCHMARK SBM#1

ELEV. = 682.29
"X"-CUT ON TOP OF NW FLANGE
BOLT OF FIRE HYDRANT AT NE
CORNER OF COMMERCE DR. AND
BUSSE RD.

BENCHMARK SBM#3

ELEV. = 679.00
FOUND □-CUT ON TOP OF NORTH-
EASTERLY CORNER OF TRAFFIC
CONTROL BOX CONC. PAD AT NW
CORNER OF BUSSE RD. AND OAKTON ST.

BENCHMARK SBM#5

ELEV. 692.11
"X"-CUT ON TOP OF SE FLANGE BOLT
OF FIRE HYDRANT AT NE CORNER OF
SEEGER AVE. AND OAKTON ST.

BENCHMARK SBM#7

ELEV. 676.80
"X" ON TOP OF NE FLANGE BOLT OF
FIRE HYDRANT AT NW CORNER OF
HIGGINS RD. AND COMMERCE DR.

BENCHMARK SBM#2

ELEV. = 681.94
"X"-CUT ON TOP OF NW BONNET
BOLT OF 1ST FIRE HYDRANT NORTH
I-90 (TOLLWAY) AND ON EAST SIDE
OF BUSSE RD.

BENCHMARK SBM#4

ELEV. 694.40
"X" ON TOP OF NW FLANGE BOLT
OF FIRE HYDRANT ON NORTH CORNER
OF HIGGINS RD. AND WEST CORNER OF
SEEGERS AVE.

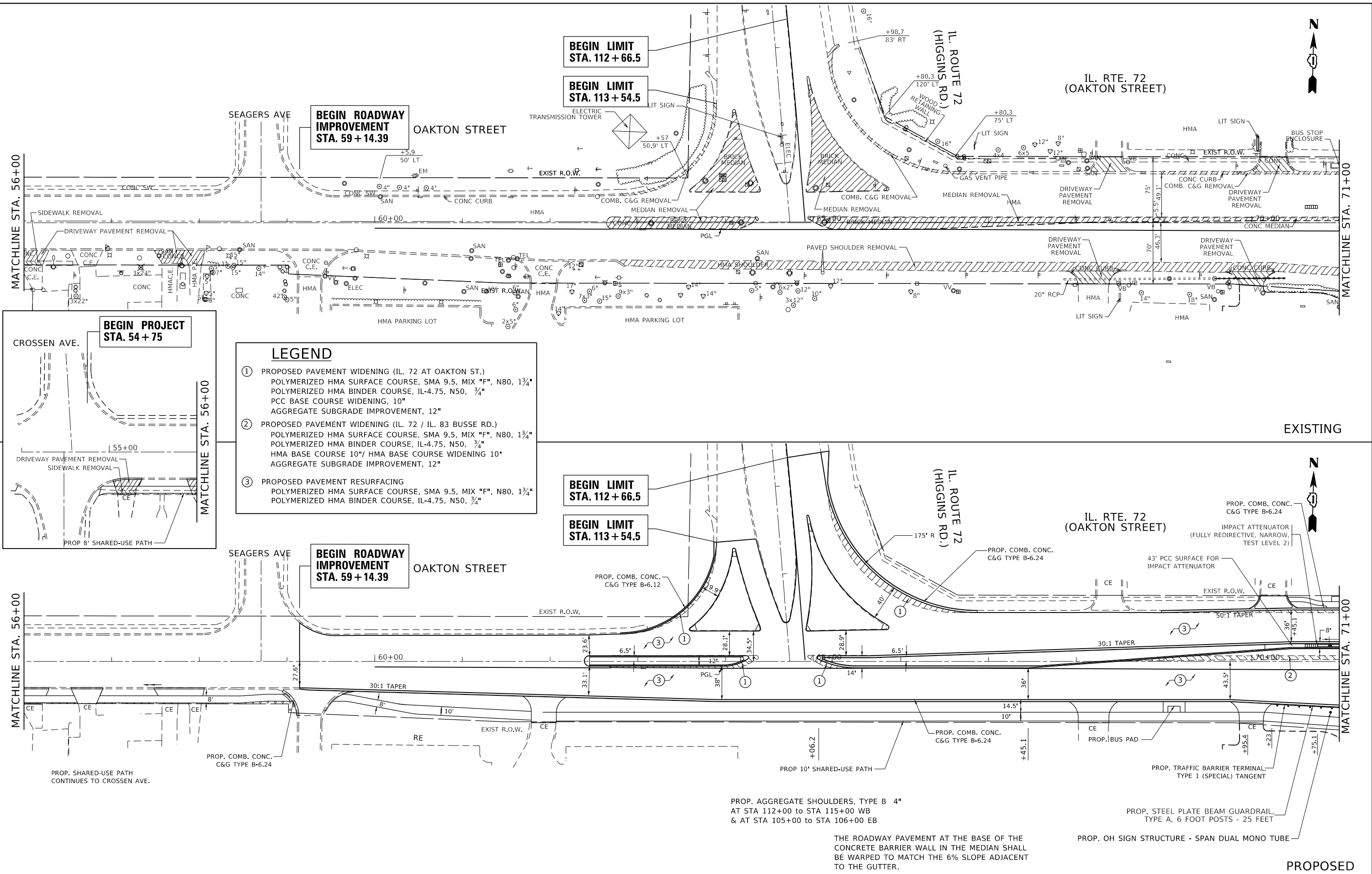
BENCHMARK SBM#6

ELEV. 671.72
SET R.R. SPIKE IN 2ND POWER POLE
WITH TRANSFORMER EAST OF I-90
(TOLLWAY) AND ON SOUTH SIDE OF
OAKTON ST.

ROUTE	POINT	NORTHING	EASTING	STATION
IL. 72 WEST CURVE E.IL72_SNW-1	CL10	1,952,209.8100	1,084,002.3700	-
	CL12	1,952,207.8700	1,084,015.8900	-
	CL15/PC	1,952,193.4700	1,084,089.2800	100+00.00
	CL21/PI	1,952,070.5507	1,084,580.1618	105+06.04
	CL13/PT	1,951,567.3800	1,084,634.0500	108+83.59
	CL9/A16	1,950,954.4900	1,084,699.6800	114+99.99
OAKTON ST.	CL1	1,950,941.8800	1,084,180.7700	-
	CL16/A10	1,950,942.9900	1,084,226.4900	60+00.00
	CL7/A11/PI	1,950,979.4300	1,085,726.0400	74+99.99
	CL17/A12	1,951,015.8800	1,087,225.6000	90+00.00
	CL3	1,951,016.5800	1,087,254.3600	-
IL. 83 BUSSE RD.	CL6	1,949,391.6000	1,085,762.0000	-
	CL18/A22	1,949,479.8200	1,085,760.0100	20+00.00
	CL2/A23/PI	1,950,979.4300	1,085,726.0400	34+99.99
	CL19/A24	1,952,479.1300	1,085,695.7700	50+00.00
	CL8	1,952,512.5400	1,085,695.0900	-
IL. 72 EAST	CL4/A18	1,950,988.0400	1,086,080.4000	150+00.00
	CL20/A19	1,949,872.9600	1,087,083.6900	165+00.00
	CL5	1,949,787.3800	1,087,160.6900	-

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT, TIES, AND BENCHMARKS IL. ROUTE 72/IL. ROUTE 83 (IL. ROUTE 72(N) – IL. ROUTE 72(S) INCLUDING IL. ROUTE 83(S))				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	SCALE: 1"=100'				341	2011-019-T5	COOK	191	31
	SHEET OF SHEETS				CONTRACT NO. 60P14				
	STA. TO STA.				ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE: \\nrt02-prod\planroom\dotall\links\gov\p\WIDOT\Documents\DOT_Offices\District_1\Projects\IP142611\CAD\data\CD\sheet\IP142611-sh1-plrpf.dgn



USER NAME	= Bilgramisa	DESIGNED	-	REVISED	-
DRAWN	-	REVIS	-	REVIS	-
PLOT SCALE	= 100,0000 ' / in.	CHECKED	-	REVISED	-
PLOT DATE	= 6/26/2020	DATE	-	REVISED	-

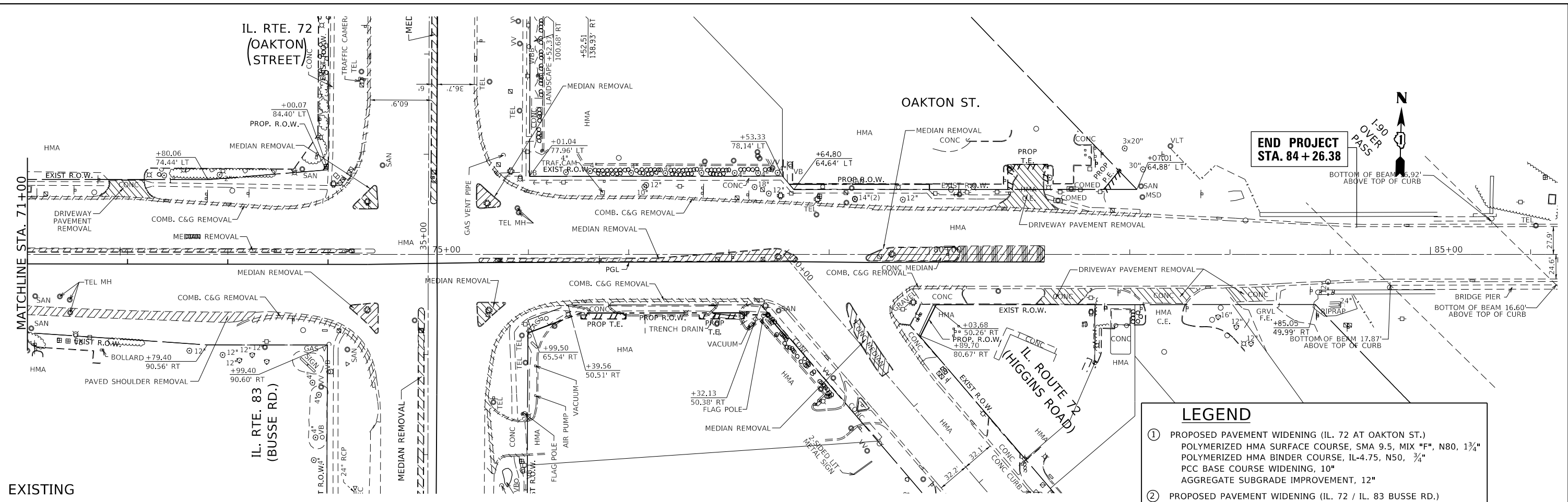
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED ROADWAY PLAN
IL. ROUTE 72/IL. ROUTE 83 (IL. ROUTE 72(N) - IL. ROUTE 72(S)
INCLUDING IL. ROUTE 83(S))

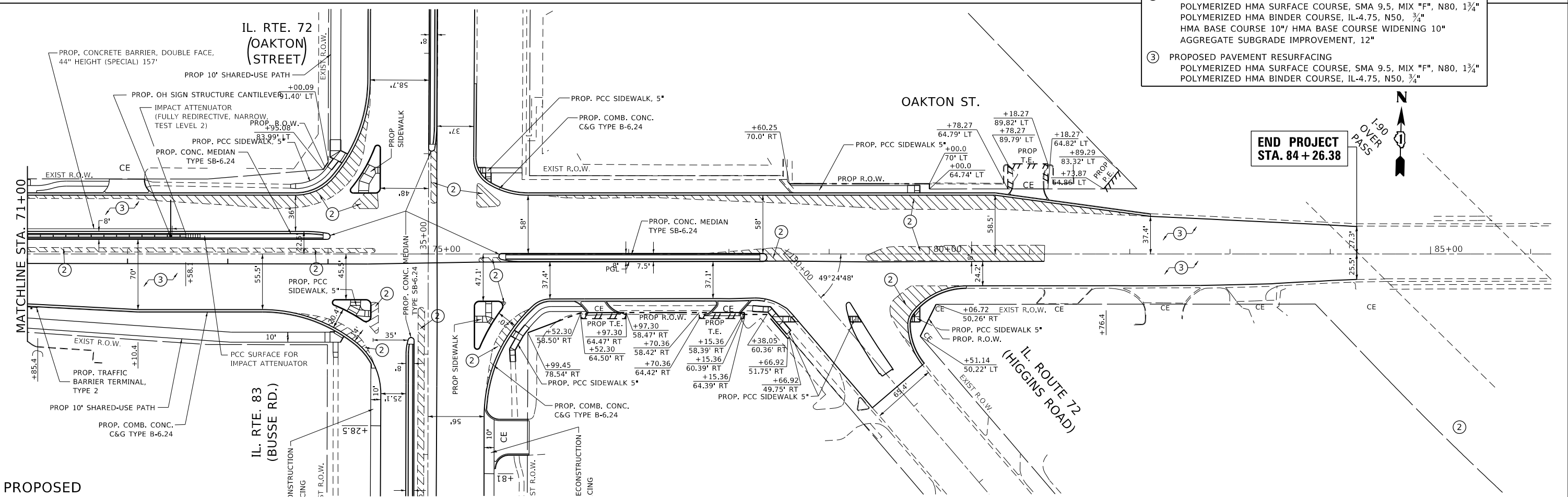
SCALE: 1"= 50' H 5' V SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-T5	COOK	191	32
CONTRACT NO. 60P14				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE: \\nrt02-proj\planroom\dot\illroads\gov\PI\DOT\Documents\DOT Office\District 1\Projects\PI\42611\CAD\data\CD\heers\PI 42611-shit-plrpf.dgn



EXISTING



PROPOSED

- LEGEND**
- ① PROPOSED PAVEMENT WIDENING (IL. 72 AT OAKTON ST.)
POLYMERIZED HMA SURFACE COURSE, SMA 9.5, MIX "F", N80, 1 3/4"
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
PCC BASE COURSE WIDENING, 10"
AGGREGATE SUBGRADE IMPROVEMENT, 12"
 - ② PROPOSED PAVEMENT WIDENING (IL. 72 / IL. 83 BUSSE RD.)
POLYMERIZED HMA SURFACE COURSE, SMA 9.5, MIX "F", N80, 1 3/4"
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
HMA BASE COURSE 10"/ HMA BASE COURSE WIDENING 10"
AGGREGATE SUBGRADE IMPROVEMENT, 12"
 - ③ PROPOSED PAVEMENT RESURFACING
POLYMERIZED HMA SURFACE COURSE, SMA 9.5, MIX "F", N80, 1 3/4"
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"

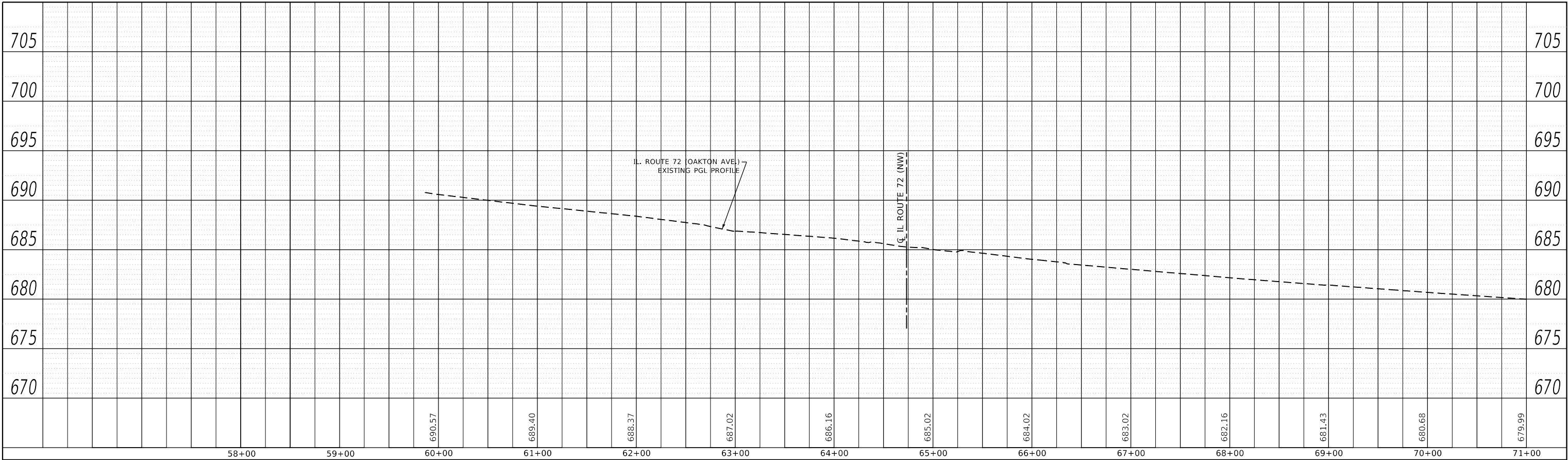
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED ROADWAY PLAN
IL. ROUTE 72/IL. ROUTE 83 (IL. ROUTE 72(N) - IL. ROUTE 72(S)
INCLUDING IL. ROUTE 83(S))

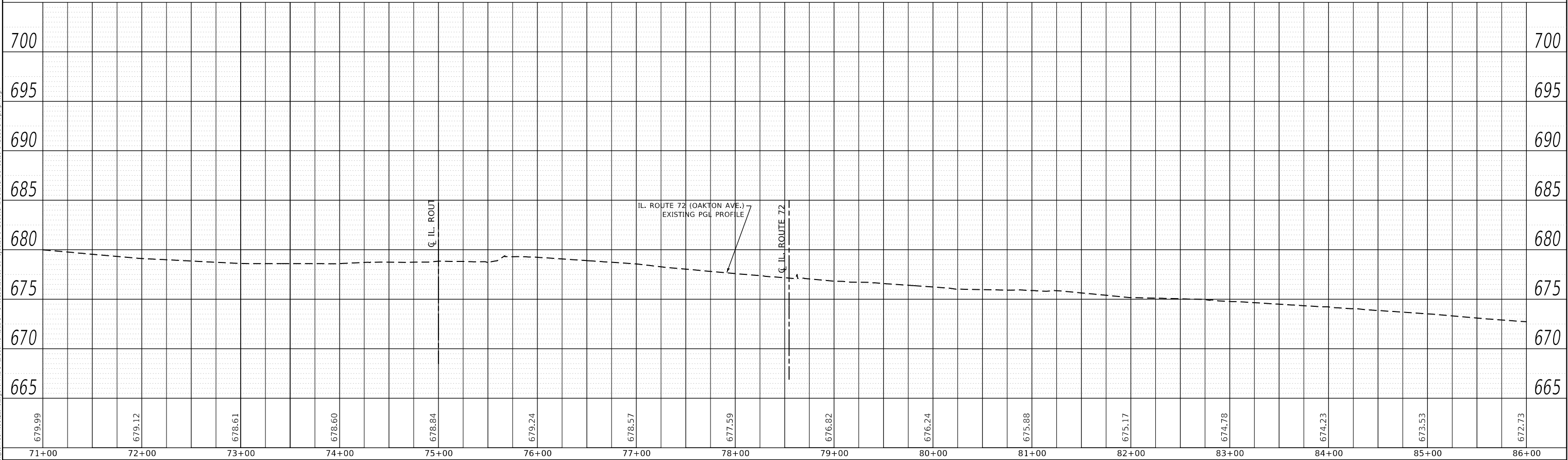
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-TS	COOK	191	33
CONTRACT NO. 60P14				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	CADD FILE NAME		
NOTE BOOK NO.			

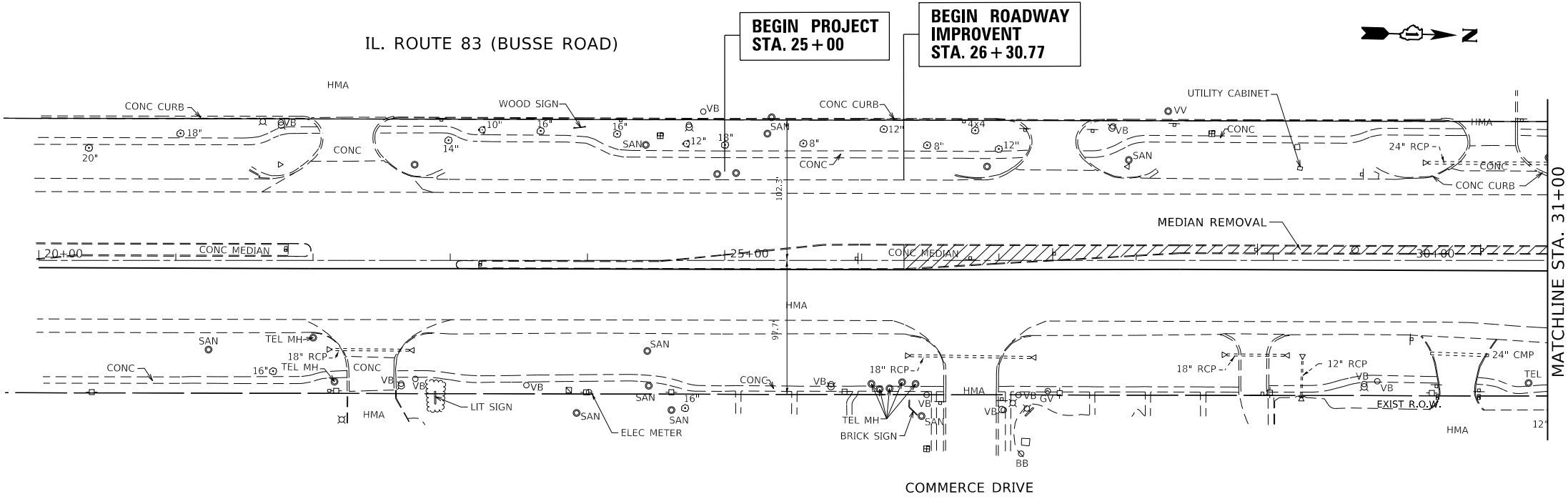


PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHNG		
NOTE BOOK NO.			

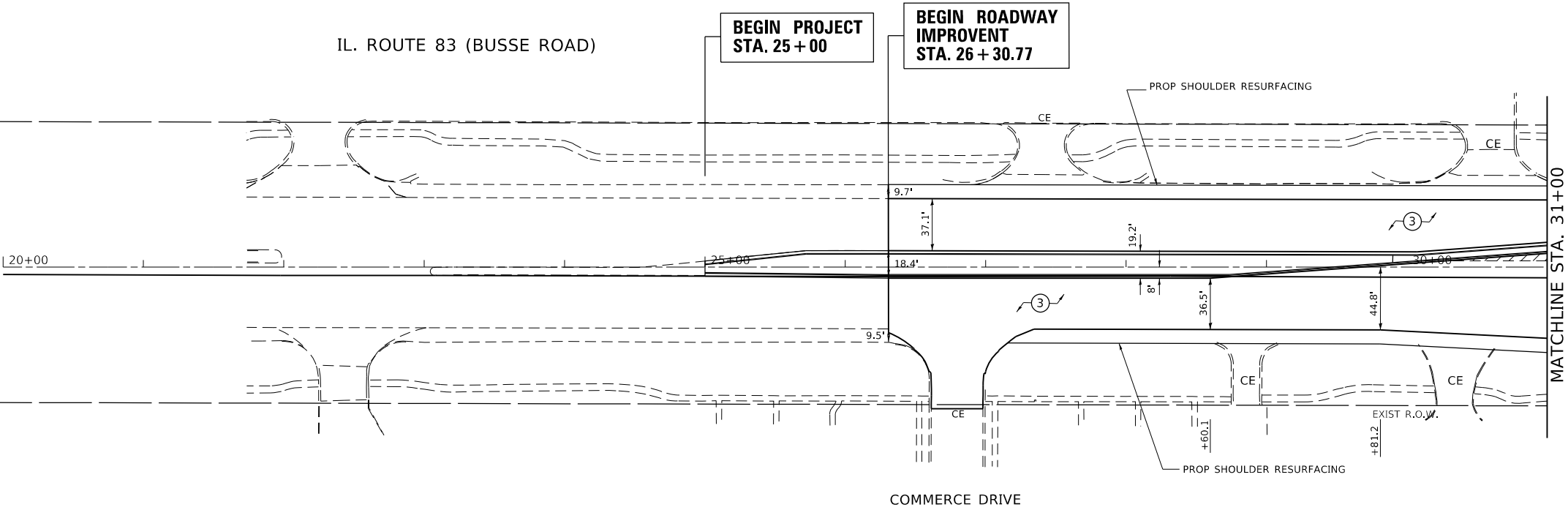


LEGEND

- ① PROPOSED PAVEMENT WIDENING (IL. 72 AT OAKTON ST.)
POLYMERIZED HMA SURFACE COURSE, SMA 9.5, MIX "F", N80, 1¾"
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, ¾"
PCC BASE COURSE WIDENING, 10"
AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ② PROPOSED PAVEMENT WIDENING (IL. 72 / IL. 83 BUSSE RD.)
POLYMERIZED HMA SURFACE COURSE, SMA 9.5, MIX "F", N80, 1¾"
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, ¾"
HMA BASE COURSE 10"/ HMA BASE COURSE WIDENING 10"
AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ③ PROPOSED PAVEMENT RESURFACING
POLYMERIZED HMA SURFACE COURSE, SMA 9.5, MIX "F", N80, 1¾"
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, ¾"



EXISTING



PROPOSED

MODEL Default
FILE Name: p:\pub\planroom\dot\illinois\gov\p\w\DOT\Documents\DOT Office\District 1\Projects\p142611\CAD\data\CD\Drawings\p142611-shp-plp\p1.dgn

USER NAME	= Bilgramisa	DESIGNED	-	REVISED	-
DRAWN	-	REVIS	-	REVIS	-
PLOT SCALE	= 100,0000 ' / in.	CHECKED	-	REVISED	-
PLOT DATE	= 6/26/2020	DATE	-	REVISED	-

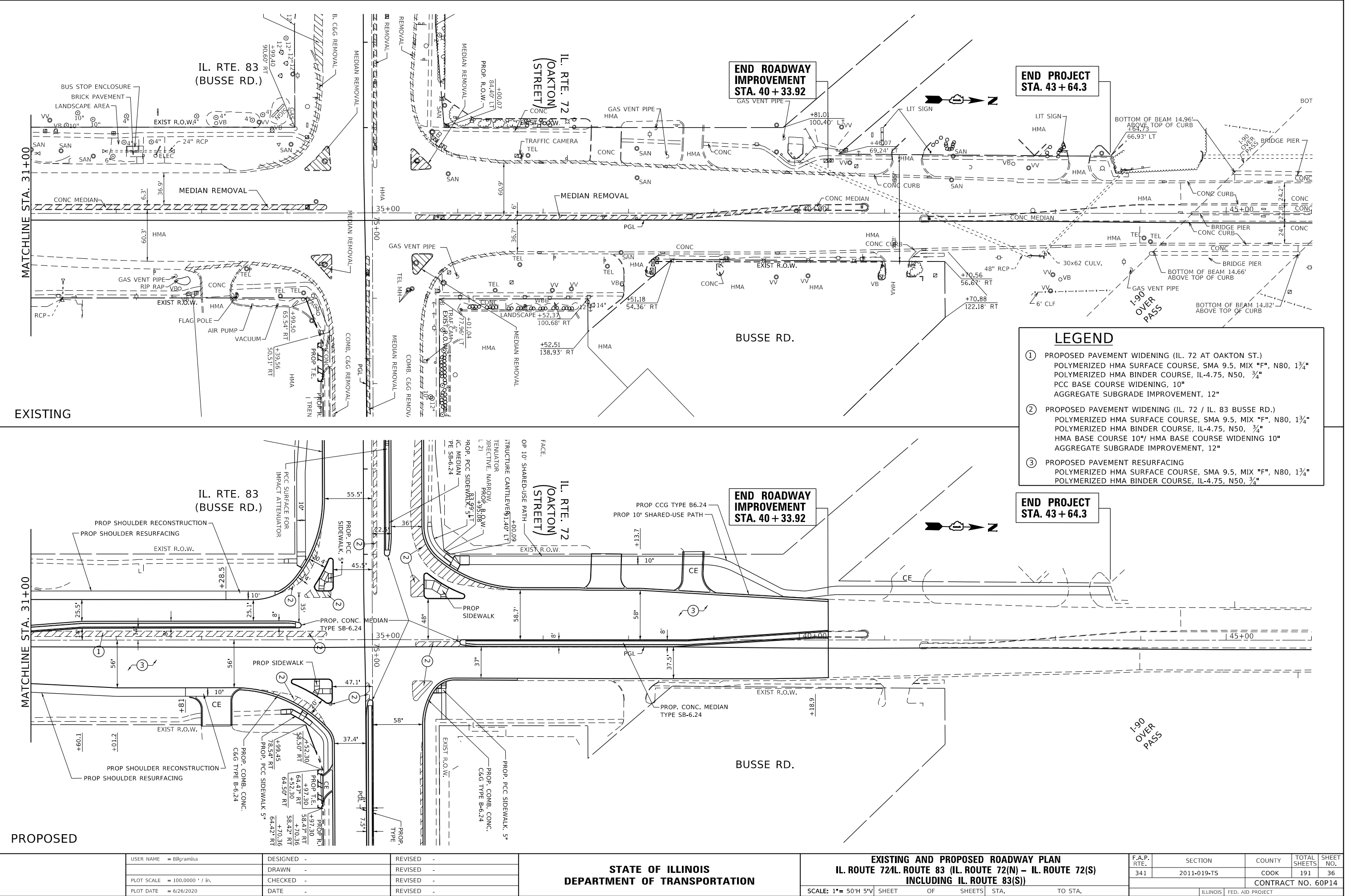
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED ROADWAY PLAN
IL. ROUTE 72/IL. ROUTE 83 (IL. ROUTE 72(N) – IL. ROUTE 72(S)
INCLUDING IL. ROUTE 83(S))

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-TS	COOK	191	35
CONTRACT NO. 60P14				
ILLINOIS FED. AID PROJECT				

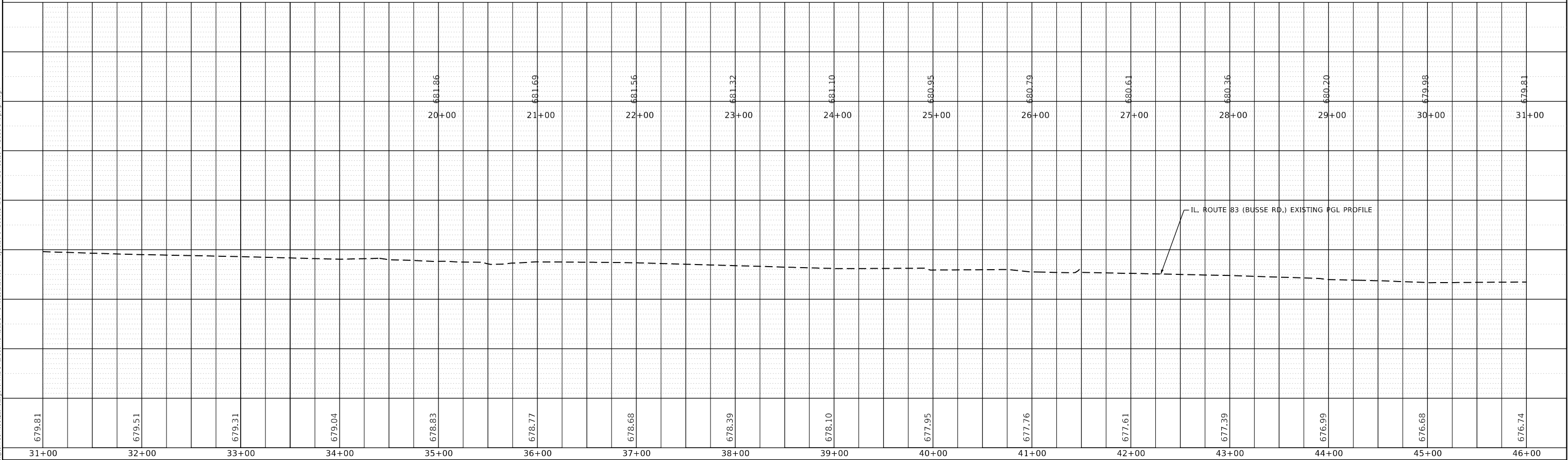
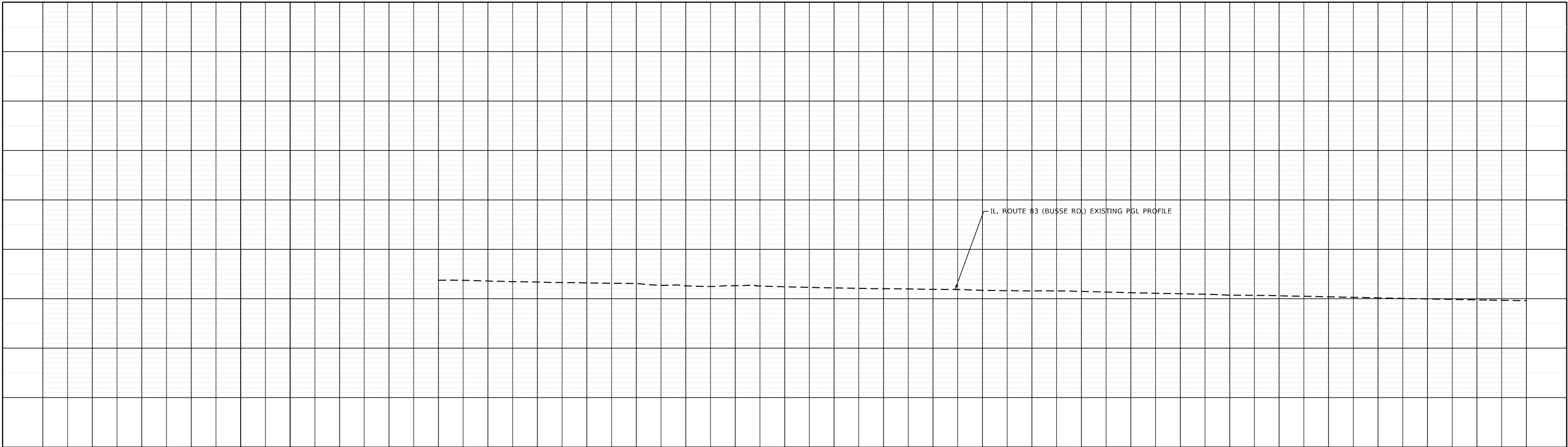
MODEL: Default
FILE: \\nrt02-prod\pub\anr\om\dot\all\links\gov\p\WID\DOT\Documents\DOT Office\District 1\Projects\SP142611\CAD\data\CD\chessp142611-shit-plrpf.dgn



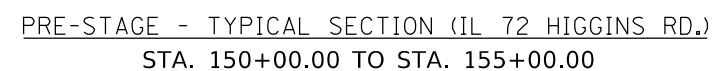
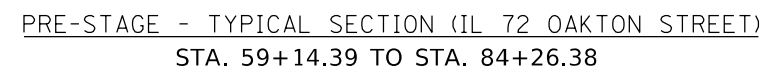
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	CADD FILE NAME		
NOTE BOOK NO.			

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHNGD		
NOTE BOOK NO.			

MODEL: Default
FILE NAME: p:\v\planningroom.d\allroads.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\PI42611\CAD\data\CAD\sheets\PI42611-sh1-plnpr.dgn



USER NAME = Bilgramisa		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		EXISTING AND PROPOSED ROADWAY PROFILE		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -		DRAWN -	REVISED -			IL. ROUTE 72/IL. ROUTE 83 (IL. ROUTE 72(N) - IL. ROUTE 72(S) INCLUDING IL. ROUTE 83(S))		341	2011-019-T5	COOK	191	37
PLOT SCALE = 100.0000 ' / in.		CHECKED -	REVISED -			SCALE: 1"= 50'H 5'V		CONTRACT NO. 60P14				
PLOT DATE = 6/26/2020		DATE -	REVISED -			SH	OF	SH	STA.	TO STA.	ILLINOIS FED. AID PROJECT	



- (A) PAVEMENT MARKING TAPE, TYPE IV, WHITE 4" 10' DASH 30' SKIP - LANE LINES (TYP)
- (B) PAVEMENT MARKING TAPE, TYPE IV, YELLOW 4" TWO LINES SPACED 11" C-C (TYP)
- (C) PAVEMENT MARKING TAPE, TYPE IV, WHITE 4" SOLID LINE (TYP)
- (D) PAVEMENT MARKING TAPE, TYPE IV, WHITE 6" SOLID LINE (TYP)
- (E) PAVEMENT MARKING TAPE, TYPE IV, YELLOW 4" SOLID LINE EDGE (TYP)

- | | |
|---|--|
|  | TEMPORARY CONCRETE BARRIER |
|  | BARRICADE TYPE II OR DRUM WITH
STEADY BURN, BI-DIRECTIONAL LIGHT
@ 50' C-C (TYP), 10' C-C IN CURVES
AND RADII AND 20' C-C IN TAPERS |

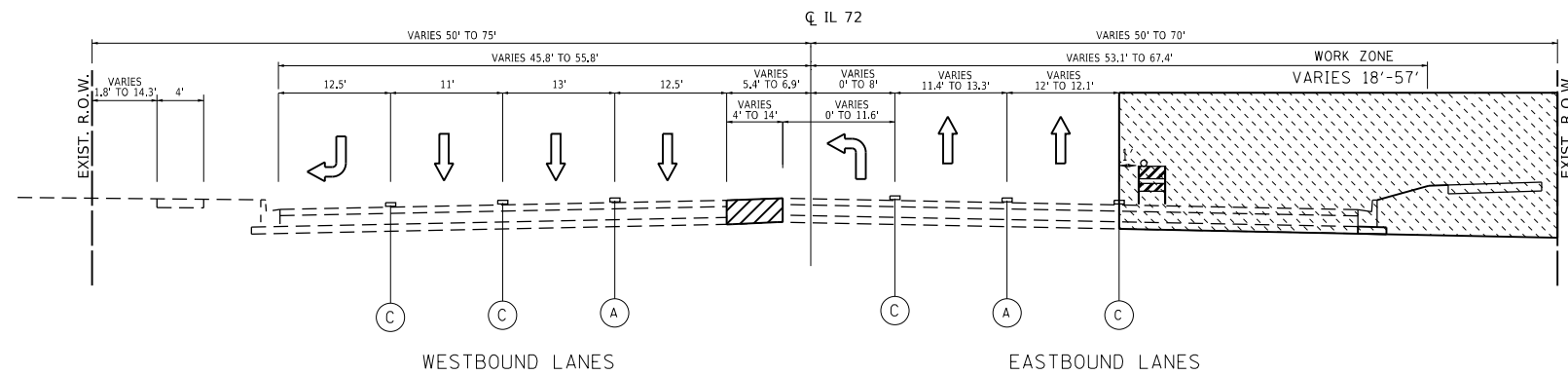
USER NAME = Bilgramisa	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/26/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

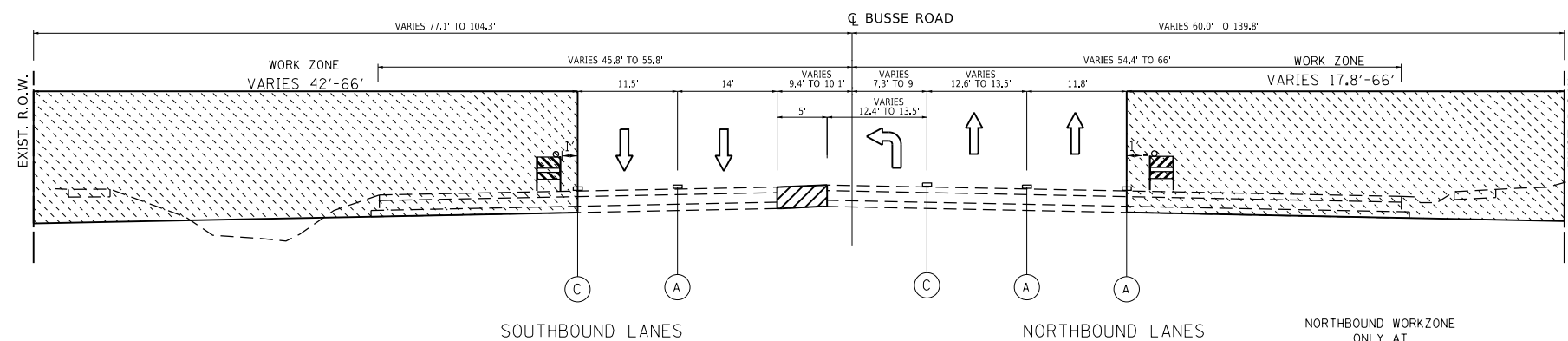
STAGING PLAN - PRE-STAGE TYPICALS (M.O.T.)
IL. RTE. 72 /IL. RTE. 83 (IL. 72 (N) - IL. 72 (S) INCLUDING IL 83 (S))

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-TS	COOK	191	38
		CONTRACT NO. 60P14		
		ILLINOIS	FED. AID PROJECT	

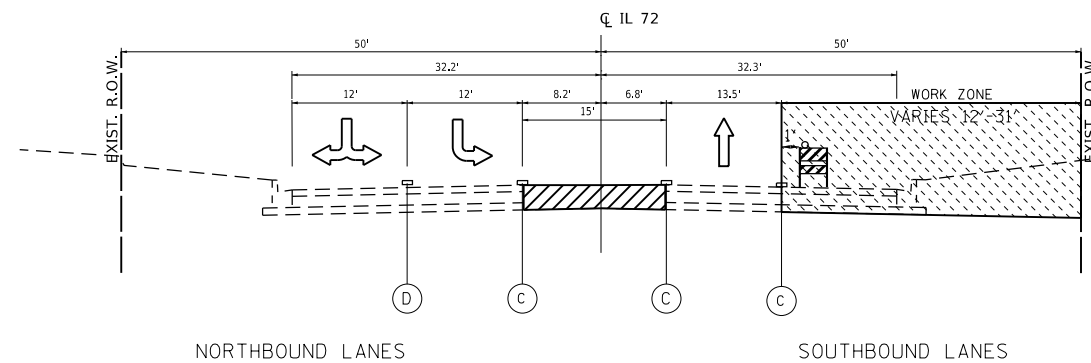


STAGE 1 - TYPICAL SECTION (IL 72 OAKTON STREET)
STA. 59+14.39 TO STA. 84+26.38

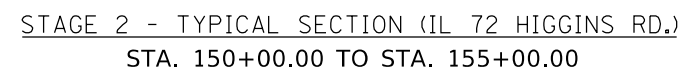
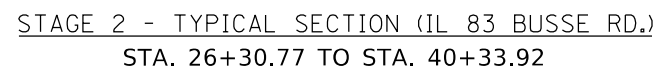
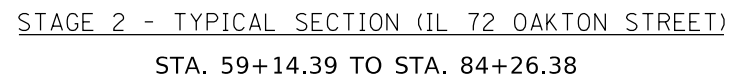


STAGE 1 - TYPICAL SECTION (BUSSE RAOD)
STA. 26+30.77 TO STA. 40+33.92

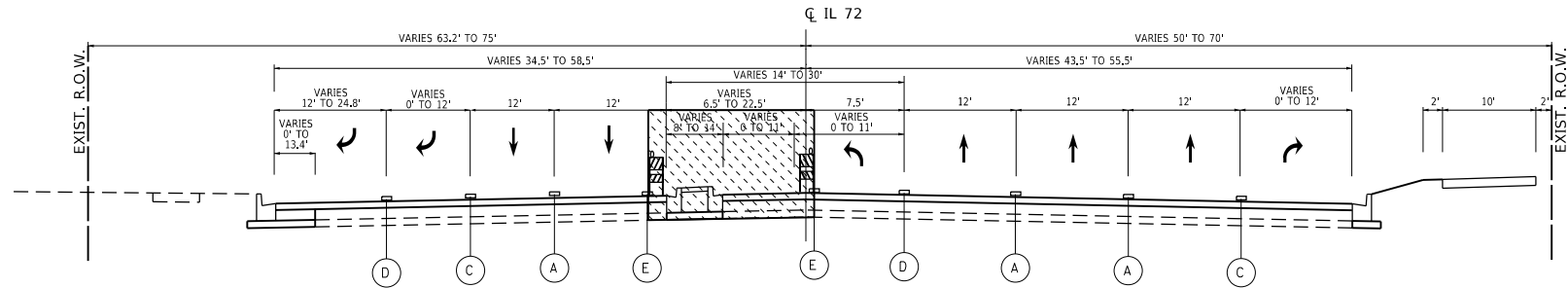
NORTHBOUND WORKZONE
ONLY AT
STA. 30+70 TO STA. 34+67



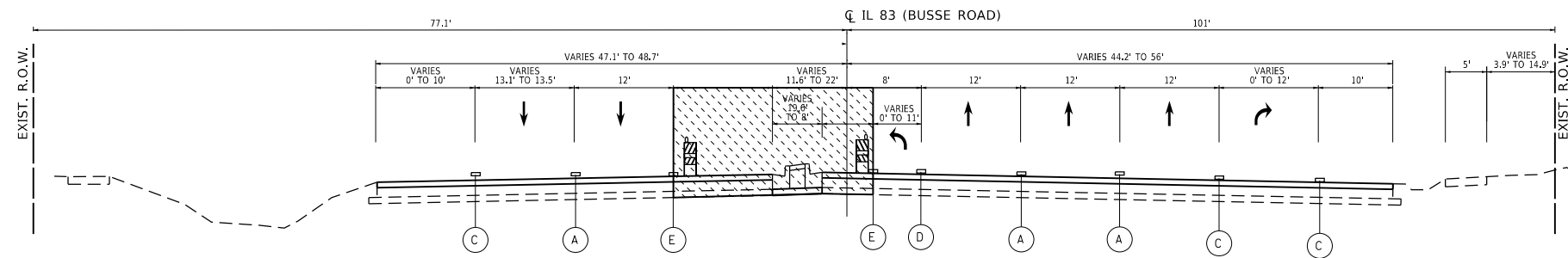
STAGE 1 - TYPICAL SECTION (HIGGINS ROAD)
STA. 150+00.00 TO STA. 155+00.00



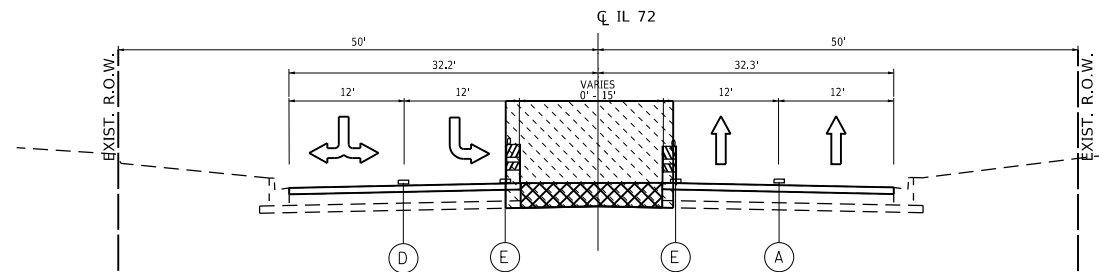
FILE NAME: DMS	USER NAME = Bilgramisa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGING PLAN – STAGE 2 TYPICALS (M.O.T.) IL RTE. 72 /IL RTE. 83 (IL 72 (N) – IL 72 (S) INCLUDING IL 83 (S))					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -							341	2011-019-TS	COOK	191	40
	PLOT SCALE = 100,000' / in.	CHECKED -	REVISED -		CONTRACT NO. 60P14									
	PLOT DATE = 6/26/2020	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID	PROJECT	



STAGE 3 - TYPICAL SECTION (IL 72 OAKTON STREET)
STA. 59+14.39 TO STA. 84+26.38



STAGE 3 - TYPICAL SECTION (IL 83 BUSSE RD.)
STA. 26+30.77 TO STA. 40+33.92



STAGE 3 - TYPICAL SECTION (IL 72 HIGGINS RD.)
STA. 150+00.00 TO STA. 155+00.00

LEGEND

- REMOVAL ITEMS
- WORK ZONE
- TEMPORARY PAVEMENT
- PAVEMENT MARKING TAPE, TYPE IV, WHITE 4" 10' DASH 30' SKIP - LANE LINES (TYP)
- PAVEMENT MARKING TAPE, TYPE IV, YELLOW 4" TWO LINES SPACED 11" C-C (TYP)
- PAVEMENT MARKING TAPE, TYPE IV, WHITE 4" SOLID LINE (TYP)
- PAVEMENT MARKING TAPE, TYPE IV, WHITE 6" SOLID LINE (TYP)
- PAVEMENT MARKING TAPE, TYPE IV, YELLOW 4" SOLID LINE EDGE (TYP)
- TEMPORARY CONCRETE BARRIER
- BARRICADE TYPE II OR DRUM WITH STEADY BURN, BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 10' C-C IN CURVES AND RADII AND 20' C-C IN TAPERS

MODEL: Default
FILE: \\nrcs-pw\pub\lansroom\dat\illroads\gov\PW\DOT\Documents\DOT Office\Bldg1\42611\CAD\Drawings\142611-sh3-staging.dgn

USER NAME	= Bilgramisa	DESIGNED	-	REVISED	-
DRAWN	-	REVISION	-	REVISION	-
PLOT SCALE	= 100.0000 ' / in.	CHECKED	-	REVISION	-
PLOT DATE	= 6/26/2020	DATE	-	REVISION	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING PLAN - STAGE 3 TYPICALS (M.O.T.)
IL. RTE. 72 /IL. RTE. 83 (IL. 72 (N) - IL. 72 (S) INCLUDING IL 83 (S))

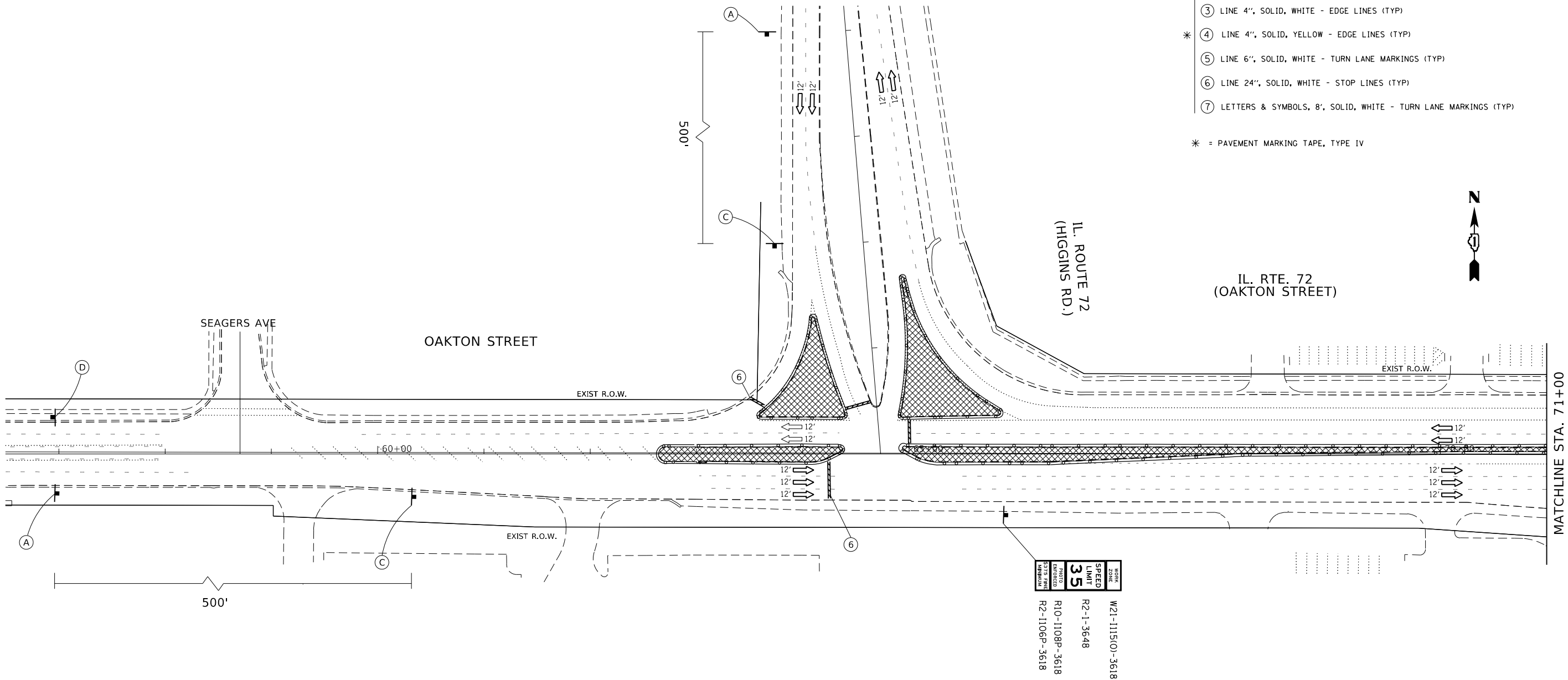
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-T5	COOK	191	41
CONTRACT NO. 60P14				
ILLINOIS FED. AID PROJECT				

LEGEND – WORK ZONE PAVEMENT MARKINGS

- ① LINE 4", 2 @ 4", SOLID, YELLOW, 11" C-C - CENTERLINE (TYP)
- ② LINE 4", SKIP-DASH, WHITE, 10' LINE WITH 30' SPACE (TYP) - LANE LINES (TYP)
- ③ LINE 4", SOLID, WHITE - EDGE LINES (TYP)
- * ④ LINE 4", SOLID, YELLOW - EDGE LINES (TYP)
- ⑤ LINE 6", SOLID, WHITE - TURN LANE MARKINGS (TYP)
- ⑥ LINE 24", SOLID, WHITE - STOP LINES (TYP)
- ⑦ LETTERS & SYMBOLS, 8", SOLID, WHITE - TURN LANE MARKINGS (TYP)

* = PAVEMENT MARKING TAPE, TYPE IV



LEGEND

MEDIAN REMOVAL AND TEMPORARY PAVEMENT INSTALLATION

SIGN ON PORTABLE OR PERMANENT SUPPORT

BARRICADE TYPE II OR DRUM WITH STEADY BURN, BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 10' C-C IN CURVES AND RADII AND 20' C-C IN TAPERS WITH EDGE LINE, 4", SOLID

W20-1103(0)-48

(A)

W21-1(0)-48 OR W20-7(0)-48

(B)

G20-1103-3660

(D)

* TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR AN HOUR OR MORE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING PLAN – PRE STAGE (M.O.T.)
IL. RTE. 72 /IL. RTE. 83 (IL. 72 (N) – IL. 72 (S) INCLUDING IL 83 (S))

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-T5	COOK	191	42
CONTRACT NO. 60P14				
ILLINOIS FED. AID PROJECT				

- ① LINE 4", 2 @ 4", SOLID, YELLOW, 11" C-C - CENTERLINE (TYP)
- ② LINE 4", SKIP-DASH, WHITE, 10' LINE WITH 30' SPACE (TYP) - LANE LINES (TYP)
- ③ LINE 4", SOLID, WHITE - EDGE LINES (TYP)
- * ④ LINE 4", SOLID, YELLOW - EDGE LINES (TYP)
- ⑤ LINE 6", SOLID, WHITE - TURN LANE MARKINGS (TYP)
- ⑥ LINE 24", SOLID, WHITE - STOP LINES (TYP)
- ⑦ LETTERS & SYMBOLS, 8", SOLID, WHITE - TURN LANE MARKINGS (TYP)



USER NAME = Bilgramisa	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/26/2020	DATE -	REVISED -

STAGING PLAN – PRE STAGE (M.O.T.)

IL. RTE. 72 /IL. RTE. 83 (IL. 72 (N) – IL. 72 (S) INCLUDING IL 83 (S))

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-TS	COOK	191	43
		CONTRACT NO. 60P14		
ILLINOIS		FED. AID PROJECT		

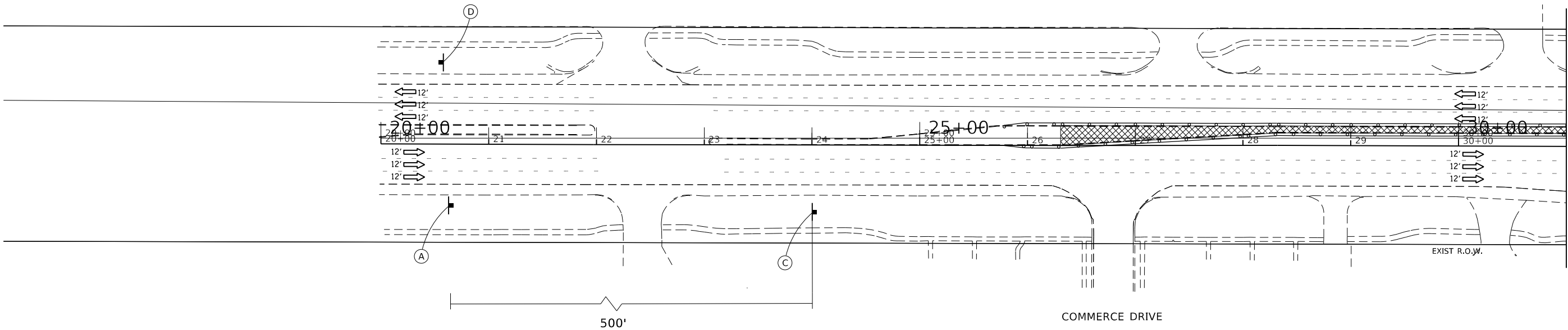
LEGEND – WORK ZONE PAVEMENT MARKINGS

- ① LINE 4", 2 @ 4", SOLID, YELLOW, 11" C-C - CENTERLINE (TYP)
- ② LINE 4", SKIP-DASH, WHITE, 10' LINE WITH 30' SPACE (TYP) - LANE LINES (TYP)
- ③ LINE 4", SOLID, WHITE - EDGE LINES (TYP)
- * ④ LINE 4", SOLID, YELLOW - EDGE LINES (TYP)
- ⑤ LINE 6", SOLID, WHITE - TURN LANE MARKINGS (TYP)
- ⑥ LINE 24", SOLID, WHITE - STOP LINES (TYP)
- ⑦ LETTERS & SYMBOLS, 8', SOLID, WHITE - TURN LANE MARKINGS (TYP)

* = PAVEMENT MARKING TAPE, TYPE IV



IL. ROUTE 83 (BUSSE ROAD)



LEGEND

MEDIAN REMOVAL AND TEMPORARY PAVEMENT INSTALLATION

SIGN ON PORTABLE OR PERMANENT SUPPORT

BARRICADE TYPE II OR DRUM WITH STEADY BURN, BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 10' C-C IN CURVES AND RADII AND 20' C-C IN TAPERS WITH EDGE LINE, 4", SOLID

W20-1103(0)-48
A

W21-1(0)-48
OR

W20-7(0)-48
B

W21-1(0)-48
OR

W20-7(0)-48
C

G20-1103-3660
D

* TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR AN HOUR OR MORE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING PLAN – PRE STAGE (M.O.T.)
IL. RTE. 72 /IL. RTE. 83 (IL. 72 (N) – IL. 72 (S) INCLUDING IL 83 (S))

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-TS	COOK	191	44
CONTRACT NO. 60P14				
ILLINOIS FED. AID PROJECT				

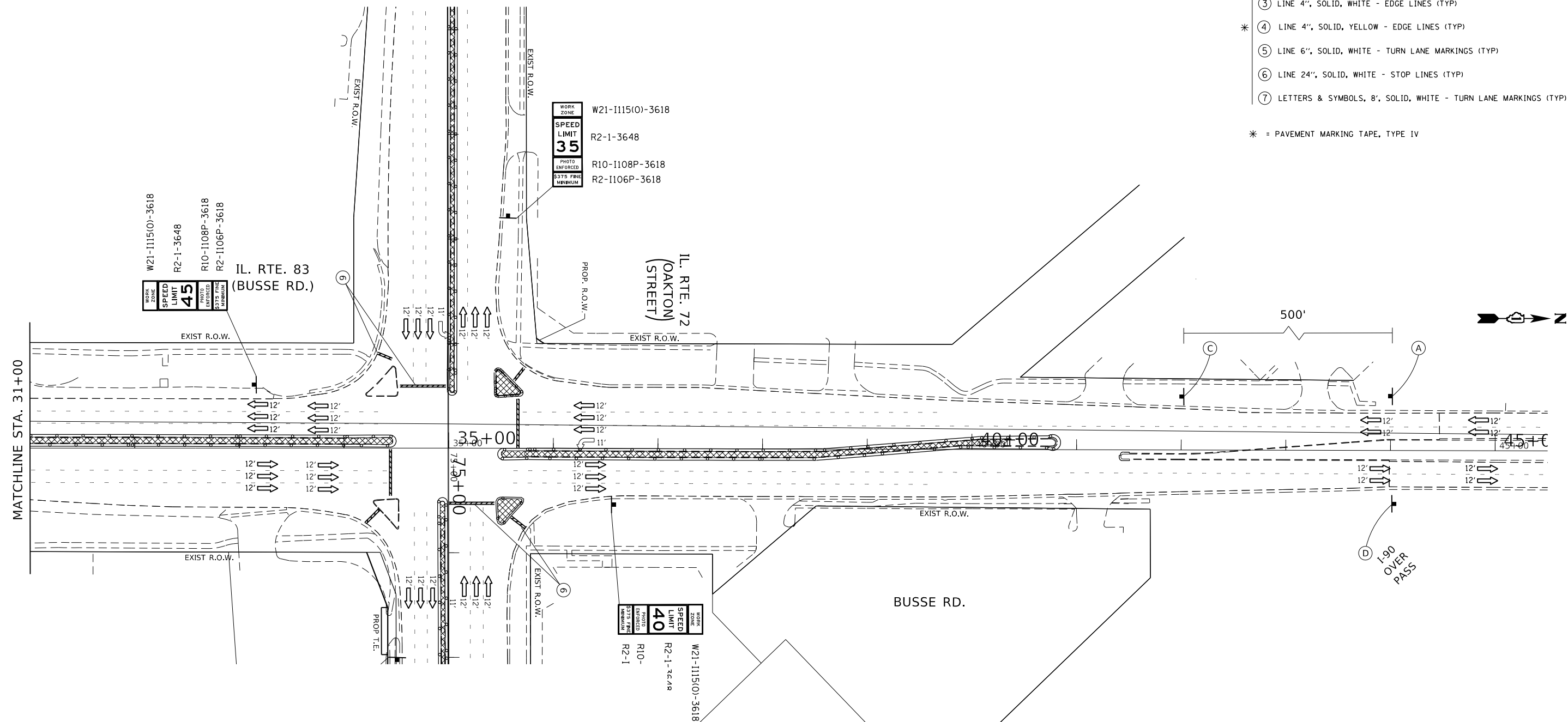
USER NAME = Bilgramisa	DESIGNED -	REVISED -
PLOT SCALE = 100,0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 6/26/2020	CHECKED -	REVISED -
	DATE -	REVISED -

SCALE: SHEET OF SHEETS STA. TO STA.

MODEL: Default
FILE: \\ntwrp1001\pub\planroom\adall\hds\gov\PI\WIDOT\Documents\IDOT Office\District 1\Projects\PI\42611\CAD\data\Design\PI 42611-shb-staging.dgn

- ① LINE 4", 2 @ 4", SOLID, YELLOW, 11" C-C - CENTERLINE (TYP)
- ② LINE 4", SKIP-DASH, WHITE, 10' LINE WITH 30' SPACE (TYP) - LANE LINES (TYP)
- ③ LINE 4", SOLID, WHITE - EDGE LINES (TYP)
- * ④ LINE 4", SOLID, YELLOW - EDGE LINES (TYP)
- ⑤ LINE 6", SOLID, WHITE - TURN LANE MARKINGS (TYP)
- ⑥ LINE 24", SOLID, WHITE - STOP LINES (TYP)
- ⑦ LETTERS & SYMBOLS, 8", SOLID, WHITE - TURN LANE MARKINGS (TYP)

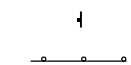
* = PAVEMENT MARKING TAPE, TYPE IV



LEGEND

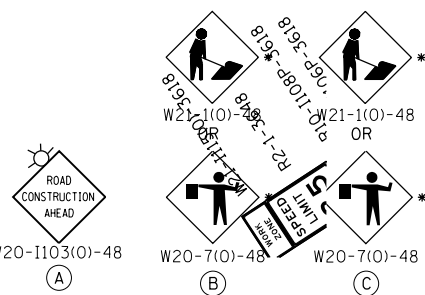


MEDIAN REMOVAL AND TEMPORARY PAVEMENT INSTALLATION



SIGN ON PORTABLE OR PERMANENT SUPPORT

BARRICADE TYPE II OR DRUM WITH STEADY BURN, BI-DIRECTIONAL LIGHT
@ 50' C-C (TYP), 10' C-C IN CURVES AND RADII AND 20' C-C IN TAPERS
WITH EDGE LINE, 4", SOLID



END
WORK ZONE
SPEED LIMIT

G20-I103-3660

(D)

* TO BE REMOVED WHEN WORKERS ARE
NOT PRESENT FOR AN HOUR OR MORE

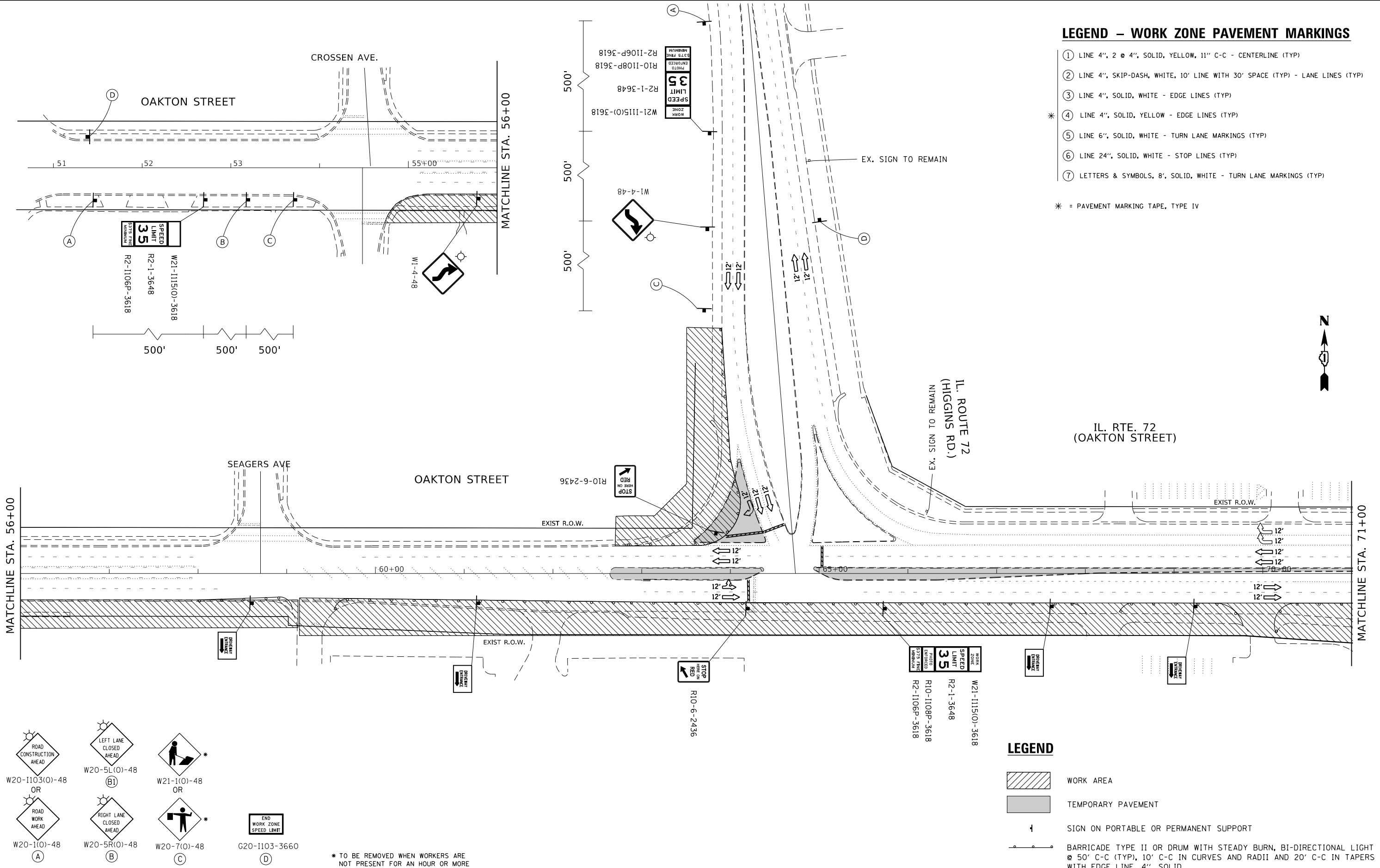
USER NAME = Bilgramisa	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/26/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGING PLAN - PRE STAGE (M.O.T.)
IL. RTE. 72 /IL. RTE. 83 (IL. 72 (N) - IL. 72 (S) INCLUDING IL 83 (S))

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-TS	COOK	191	45
		CONTRACT NO. 60P14		
	ILLINOIS	FED. AID PROJECT		

MODEL Default
FILE Name: p:\pub\planroom\dot\illinois\gov\p\WIDOT\Documents\IDOT Office\District 1\Projects\142611\CAD\data\Design\142611-01b-staging.dgn



LEGEND – WORK ZONE PAVEMENT MARKINGS

- ① LINE 4", 2 @ 4", SOLID, YELLOW, 11" C-C - CENTERLINE (TYP)
- ② LINE 4", SKIP-DASH, WHITE, 10' LINE WITH 30' SPACE (TYP) - LANE LINES (TYP)
- ③ LINE 4", SOLID, WHITE - EDGE LINES (TYP)
- * ④ LINE 4", SOLID, YELLOW - EDGE LINES (TYP)
- ⑤ LINE 6", SOLID, WHITE - TURN LANE MARKINGS (TYP)
- ⑥ LINE 24", SOLID, WHITE - STOP LINES (TYP)
- ⑦ LETTERS & SYMBOLS, 8", SOLID, WHITE - TURN LANE MARKINGS (TYP)

* = PAVEMENT MARKING TAPE, TYPE IV

LEGEND



WORK AREA



TEMPORARY PAVEMENT



SIGN ON PORTABLE OR PERMANENT SUPPORT



BARRICADE TYPE II OR DRUM WITH STEADY BURN, BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 10' C-C IN CURVES AND RADII AND 20' C-C IN TAPERS WITH EDGE LINE, 4", SOLID

- W20-1103(O)-48
OR
W20-1(O)-48
(A)
- W20-5L(O)-48
(B)
- W20-5R(O)-48
(B)
- W20-1(O)-48
(A)
- G20-1103-3660
(D)
- W20-7(O)-48
(C)
- W20-1(O)-48
(A)
- W20-5L(O)-48
(B)
- W20-5R(O)-48
(B)
- W20-7(O)-48
(C)
- W20-1(O)-48
(A)

* TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR AN HOUR OR MORE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING PLAN – STAGE 1 (M.O.T.)
IL. RTE. 72 /IL. RTE. 83 (IL. 72 (N) – IL. 72 (S) INCLUDING IL. 83 (S))

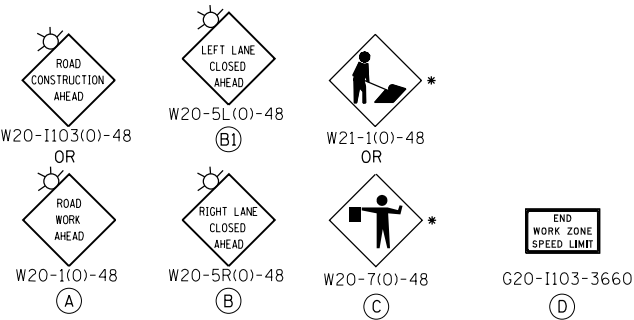
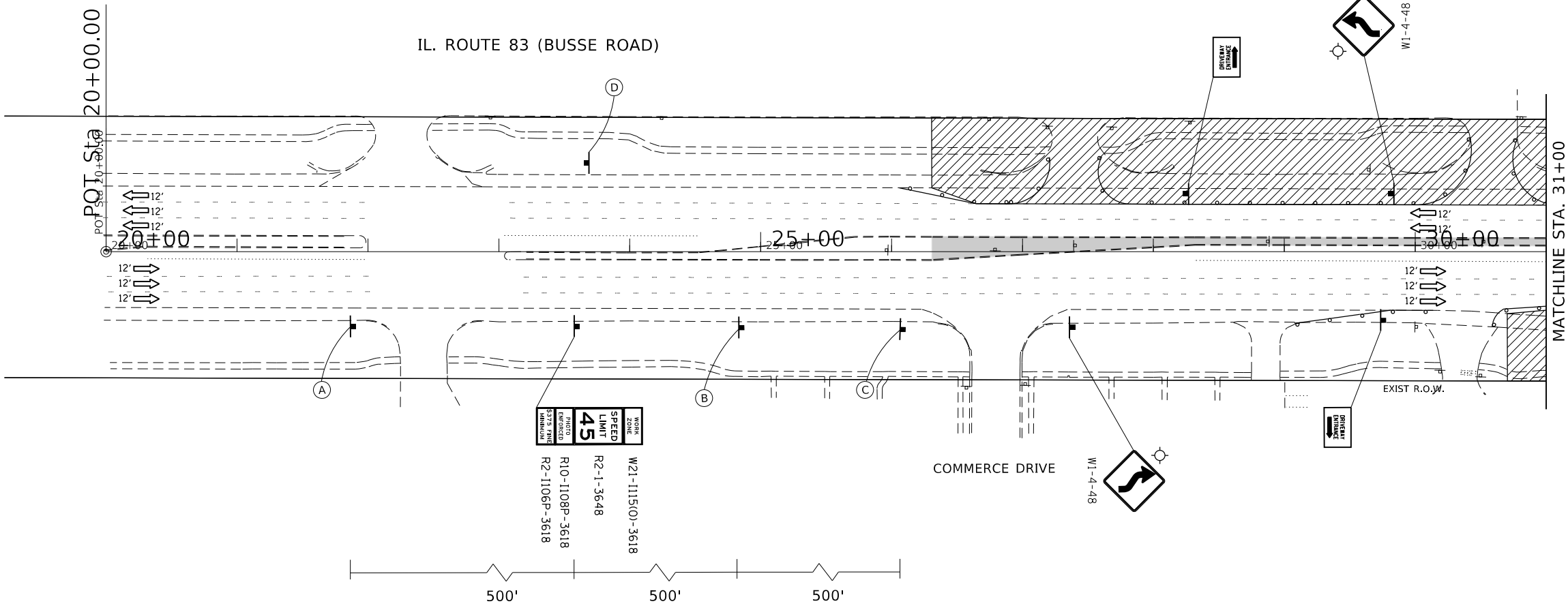
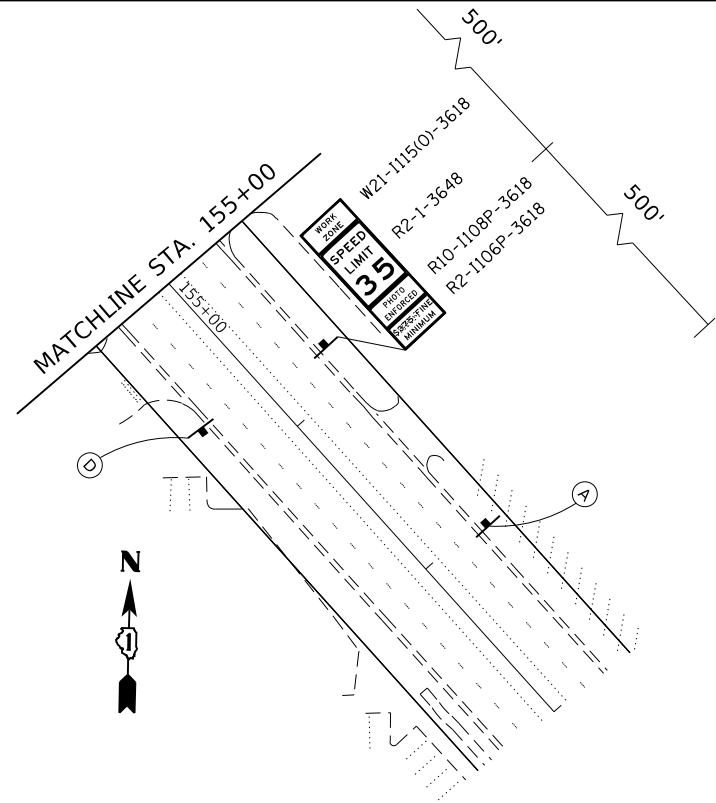
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-T5	COOK	191	46
CONTRACT NO. 60P14				
ILLINOIS FED. AID PROJECT				

LEGEND – WORK ZONE PAVEMENT MARKINGS

- ① LINE 4", 2 @ 4", SOLID, YELLOW, 11" C-C - CENTERLINE (TYP)
- ② LINE 4", SKIP-DASH, WHITE, 10' LINE WITH 30' SPACE (TYP) - LANE LINES (TYP)
- ③ LINE 4", SOLID, WHITE - EDGE LINES (TYP)
- * ④ LINE 4", SOLID, YELLOW - EDGE LINES (TYP)
- ⑤ LINE 6", SOLID, WHITE - TURN LANE MARKINGS (TYP)
- ⑥ LINE 24", SOLID, WHITE - STOP LINES (TYP)
- ⑦ LETTERS & SYMBOLS, 8", SOLID, WHITE - TURN LANE MARKINGS (TYP)

* = PAVEMENT MARKING TAPE, TYPE IV



LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- BARRICADE TYPE II OR DRUM WITH STEADY BURN, BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 10' C-C IN CURVES AND RADII AND 20' C-C IN TAPERS WITH EDGE LINE, 4", SOLID

MODEL: Default
FILE: \\ntwrp1\pub\lanroom\adall\hds\soy\p\WIDOT\Documents\DOT Office\District 1\Projects\142611\CAD\data\Design\142611-sht-stg1.dgn

USER NAME = bilgramisa	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/26/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING PLAN – STAGE 1 (M.O.T.) IL. RTE. 72 /IL. RTE. 83 (IL. 72 (N) – IL. 72 (S) INCLUDING IL 83 (S))			
SCALE:	SHEET	OF	SHEETS
STA.	TO	STA.	

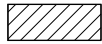
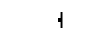
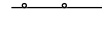
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-T5	COOK	191	48
CONTRACT NO. 60P14				
ILLINOIS FED. AID PROJECT				

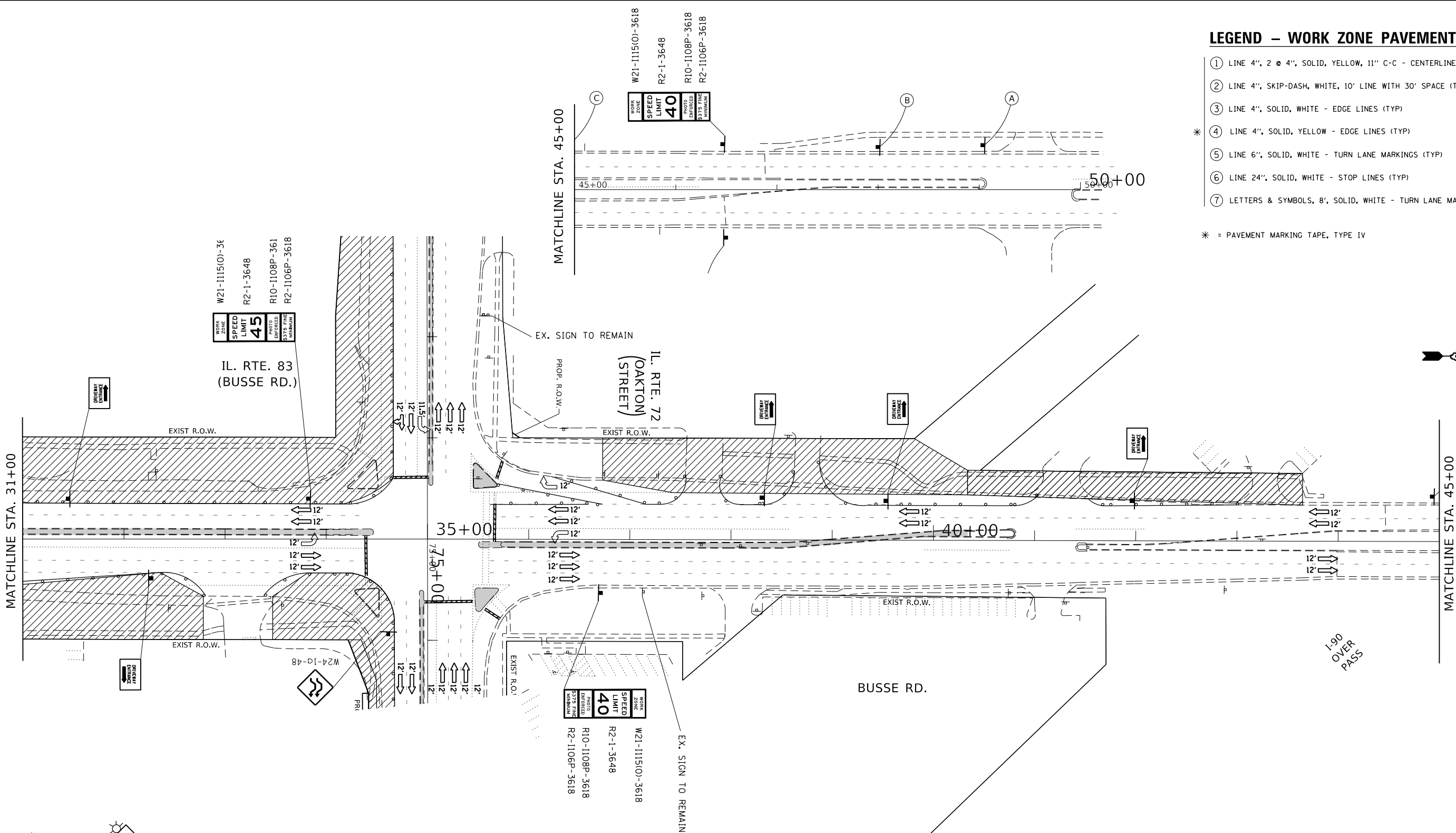
LEGEND – WORK ZONE PAVEMENT MARKINGS

- ① LINE 4", 2 @ 4", SOLID, YELLOW, 11" C-C - CENTERLINE (TYP)
② LINE 4", SKIP-DASH, WHITE, 10' LINE WITH 30' SPACE (TYP) - LANE LINES (TYP)
③ LINE 4", SOLID, WHITE - EDGE LINES (TYP)
* ④ LINE 4", SOLID, YELLOW - EDGE LINES (TYP)
⑤ LINE 6", SOLID, WHITE - TURN LANE MARKINGS (TYP)
⑥ LINE 24", SOLID, WHITE - STOP LINES (TYP)
⑦ LETTERS & SYMBOLS, 8", SOLID, WHITE - TURN LANE MARKINGS (TYP)

* = PAVEMENT MARKING TAPE, TYPE IV

LEGEND

-  WORK AREA
 TEMPORARY PAVEMENT
 SIGN ON PORTABLE OR PERMANENT SUPPORT
 BARRICADE TYPE II OR DRUM WITH STEADY BURN, BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 10' C-C IN CURVES AND RADII AND 20' C-C IN TAPERS WITH EDGE LINE, 4", SOLID



- W20-1103(O)-48
OR
W20-1(O)-48
A
- W20-5L(O)-48
B
- W21-1(O)-48
OR
W20-7(O)-48
C
- END
WORK ZONE
SPEED LIMIT
D
- G20-1103-3660

* TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR AN HOUR OR MORE

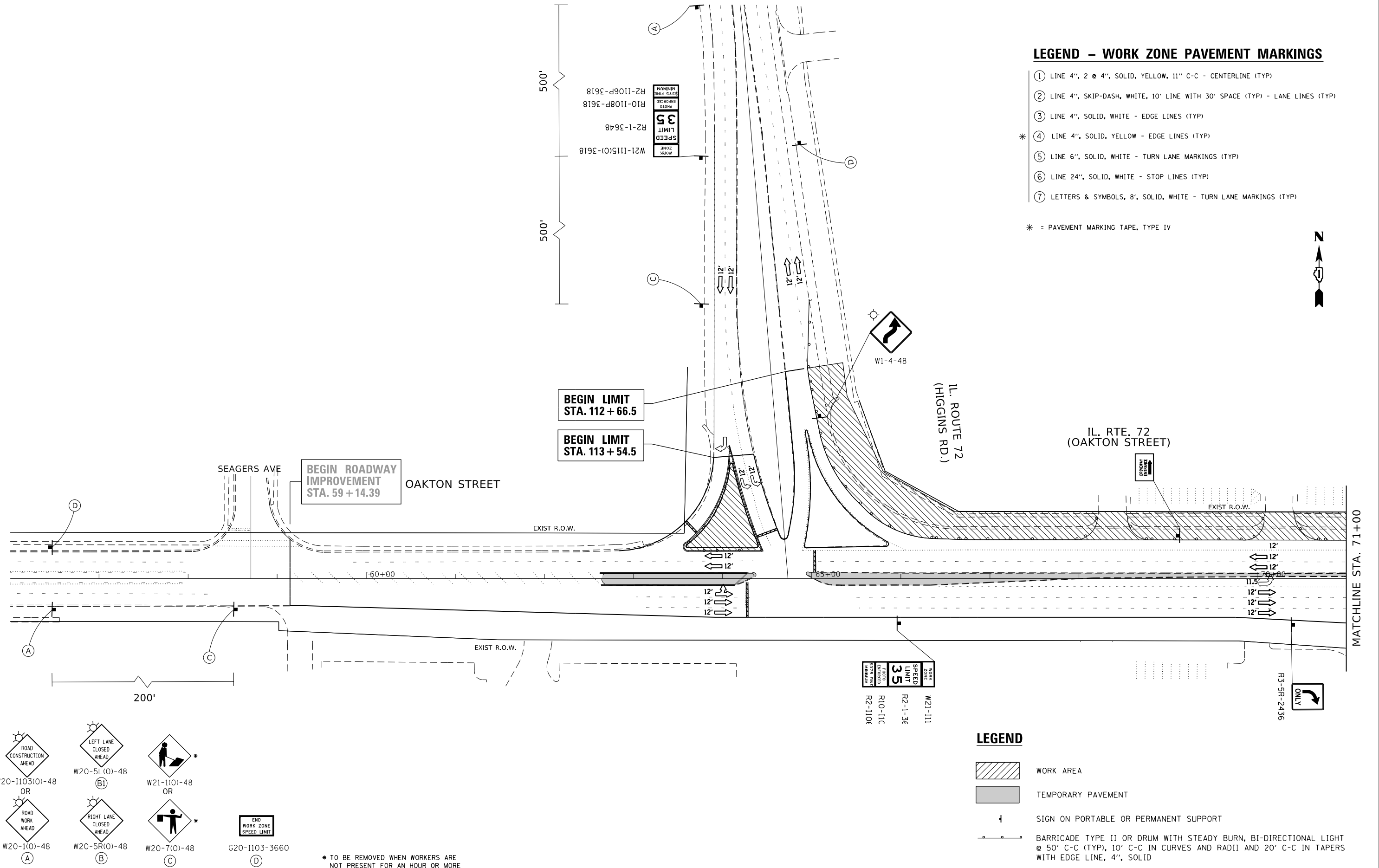
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING PLAN – STAGE 1 (M.O.T.)
IL RTE. 72 /IL RTE. 83 (IL 72 (N) – IL 72 (S) INCLUDING IL 83 (S))

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-T5	COOK	191	49
CONTRACT NO. 60P14				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE: \\nrtc-pw\pub\anr\m\dot\ill\pds\gov\p\w\dot\Documents\IDOT_Offices\District_1\Projects\142611\CAD\data\Design\142611-2bt-stg2.dgn



- 200'
- W20-1103(0)-48
OR
W20-1(0)-48
(A)
- W20-5L(0)-48
(B)
- W21-1(0)-48
OR
W20-7(0)-48
(C)
- END
WORK ZONE
SPEED LIMIT
(D)
- G20-1103-3660
- * TO BE REMOVED WHEN WORKERS ARE
NOT PRESENT FOR AN HOUR OR MORE

- LEGEND – WORK ZONE PAVEMENT MARKINGS**
- ① LINE 4", 2 @ 4", SOLID, YELLOW, 11" C-C - CENTERLINE (TYP)
 - ② LINE 4", SKIP-DASH, WHITE, 10' LINE WITH 30' SPACE (TYP) - LANE LINES (TYP)
 - ③ LINE 4", SOLID, WHITE - EDGE LINES (TYP)
 - * ④ LINE 4", SOLID, YELLOW - EDGE LINES (TYP)
 - ⑤ LINE 6", SOLID, WHITE - TURN LANE MARKINGS (TYP)
 - ⑥ LINE 24", SOLID, WHITE - STOP LINES (TYP)
 - ⑦ LETTERS & SYMBOLS, 8", SOLID, WHITE - TURN LANE MARKINGS (TYP)
- * = PAVEMENT MARKING TAPE, TYPE IV

- LEGEND**
- WORK AREA
 - TEMPORARY PAVEMENT
 - SIGN ON PORTABLE OR PERMANENT SUPPORT
 - BARRICADE TYPE II OR DRUM WITH STEADY BURN, BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 10' C-C IN CURVES AND RADII AND 20' C-C IN TAPERS WITH EDGE LINE, 4", SOLID

USER NAME = bilgramisa	DESIGNED -	REVISED -
PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 6/26/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

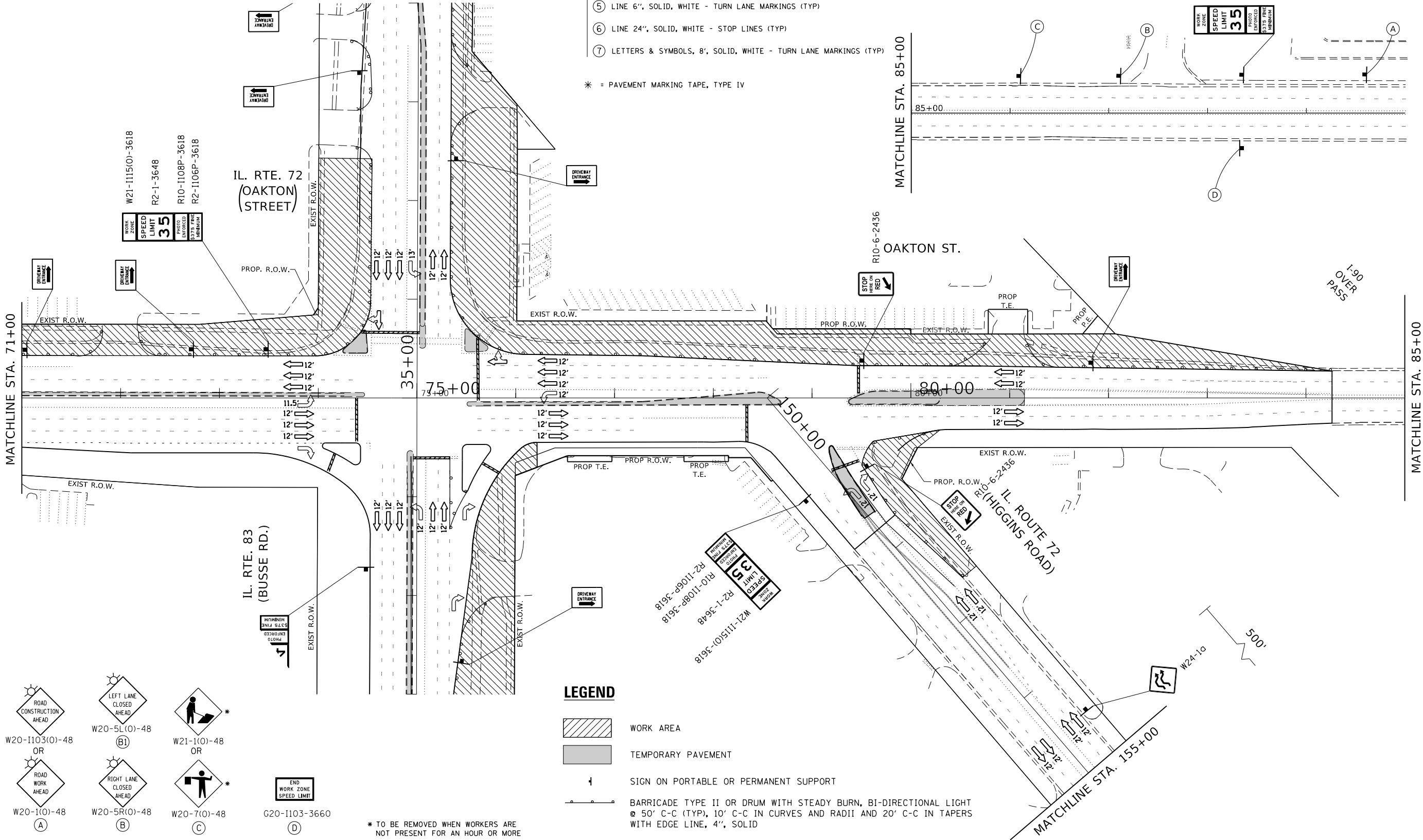
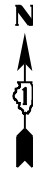
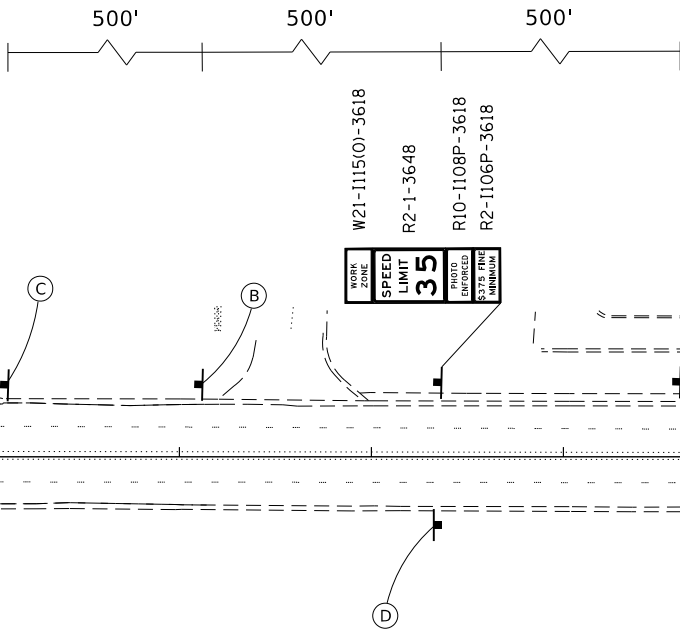
STAGING PLAN – STAGE 2 (M.O.T.) IL. RTE. 72 /IL. RTE. 83 (IL. 72 (N) – IL. 72 (S) INCLUDING IL 83 (S))			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-T5	COOK	191	50
CONTRACT NO. 60P14				
ILLINOIS FED. AID PROJECT				

LEGEND – WORK ZONE PAVEMENT MARKINGS

- ① LINE 4", 2 @ 4", SOLID, YELLOW, 11" C-C - CENTERLINE (TYP)
② LINE 4", SKIP-DASH, WHITE, 10' LINE WITH 30' SPACE (TYP) - LANE LINES (TYP)
③ LINE 4", SOLID, WHITE - EDGE LINES (TYP)
④ LINE 4", SOLID, YELLOW - EDGE LINES (TYP)
⑤ LINE 6", SOLID, WHITE - TURN LANE MARKINGS (TYP)
⑥ LINE 24", SOLID, WHITE - STOP LINES (TYP)
⑦ LETTERS & SYMBOLS, 8", SOLID, WHITE - TURN LANE MARKINGS (TYP)

* = PAVEMENT MARKING TAPE, TYPE IV



LEGEND

- WORK AREA
TEMPORARY PAVEMENT
SIGN ON PORTABLE OR PERMANENT SUPPORT
BARRICADE TYPE II OR DRUM WITH STEADY BURN, BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 10' C-C IN CURVES AND RADII AND 20' C-C IN TAPERS WITH EDGE LINE, 4", SOLID

- W20-1103(O)-48
OR
W20-1(O)-48
(A)
W20-5L(O)-48
(B)
W20-5R(O)-48
(C)
W21-1(O)-48
OR
W20-7(O)-48
(D)
END WORK ZONE SPEED LIMIT
G20-1103-3660

* TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR AN HOUR OR MORE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING PLAN – STAGE 2 (M.O.T.)
IL. RTE. 72 /IL. RTE. 83 (IL. 72 (N) – IL. 72 (S) INCLUDING IL. 83 (S))

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-T5	COOK	191	51
CONTRACT NO. 60P14				
ILLINOIS FED. AID PROJECT				

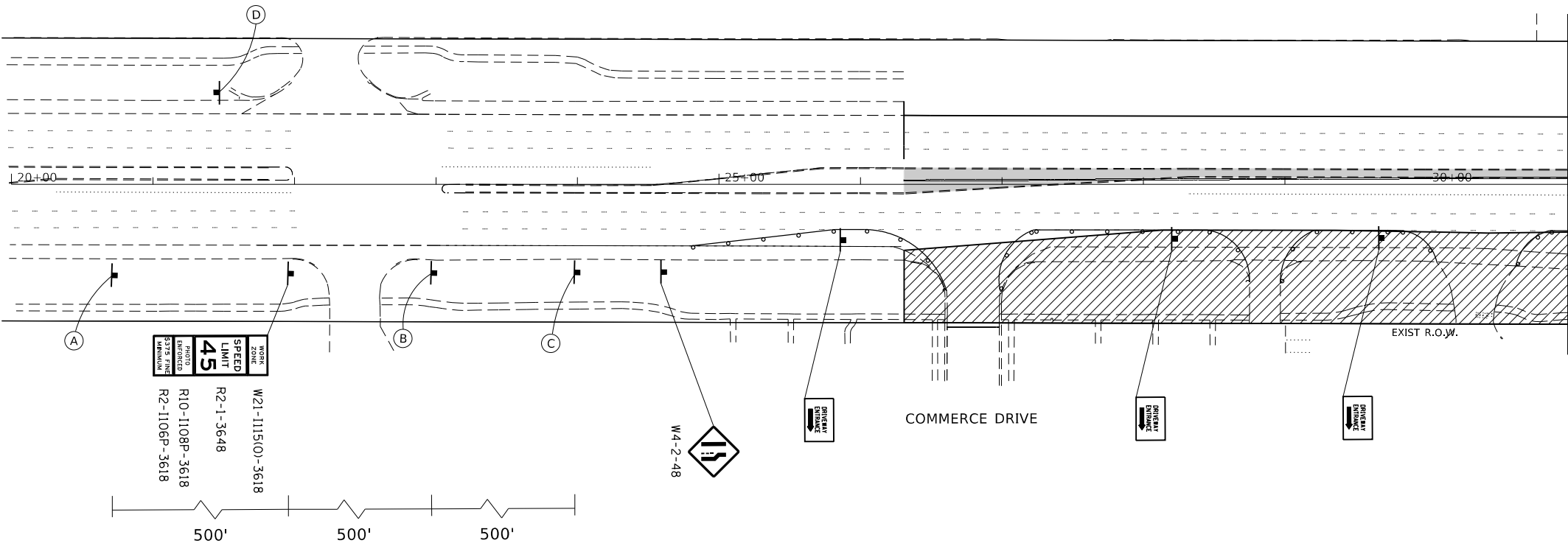
LEGEND – WORK ZONE PAVEMENT MARKINGS

- ① LINE 4", 2 @ 4", SOLID, YELLOW, 11" C-C - CENTERLINE (TYP)
- ② LINE 4", SKIP-DASH, WHITE, 10' LINE WITH 30' SPACE (TYP) - LANE LINES (TYP)
- ③ LINE 4", SOLID, WHITE - EDGE LINES (TYP)
- * ④ LINE 4", SOLID, YELLOW - EDGE LINES (TYP)
- ⑤ LINE 6", SOLID, WHITE - TURN LANE MARKINGS (TYP)
- ⑥ LINE 24", SOLID, WHITE - STOP LINES (TYP)
- ⑦ LETTERS & SYMBOLS, 8", SOLID, WHITE - TURN LANE MARKINGS (TYP)

* = PAVEMENT MARKING TAPE, TYPE IV



IL. ROUTE 83 (BUSSE ROAD)



LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- BARRICADE TYPE II OR DRUM WITH STEADY BURN, BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 10' C-C IN CURVES AND RADII AND 20' C-C IN TAPERS WITH EDGE LINE, 4", SOLID

W20-1103(O)-48
OR
W20-1(O)-48
A

W20-5L(O)-48
B1

W20-5R(O)-48
B

W21-1(O)-48
OR
W21-1(O)-48
C

G20-1103-3660
D

* TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR AN HOUR OR MORE

MODEL: Default
FILE: \\nrtc-pw\publanroom\adall\hds\p\w\DOT\Documents\DOT Office\District 1\Projects\142611\CAD\Drawings\142611-shc-stg2-jlg.dgn

USER NAME = bilgramisa	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/26/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING PLAN – STAGE 2 (M.O.T.)
IL. RTE. 72 /IL. RTE. 83 (IL. 72 (N) – IL. 72 (S) INCLUDING IL 83 (S))

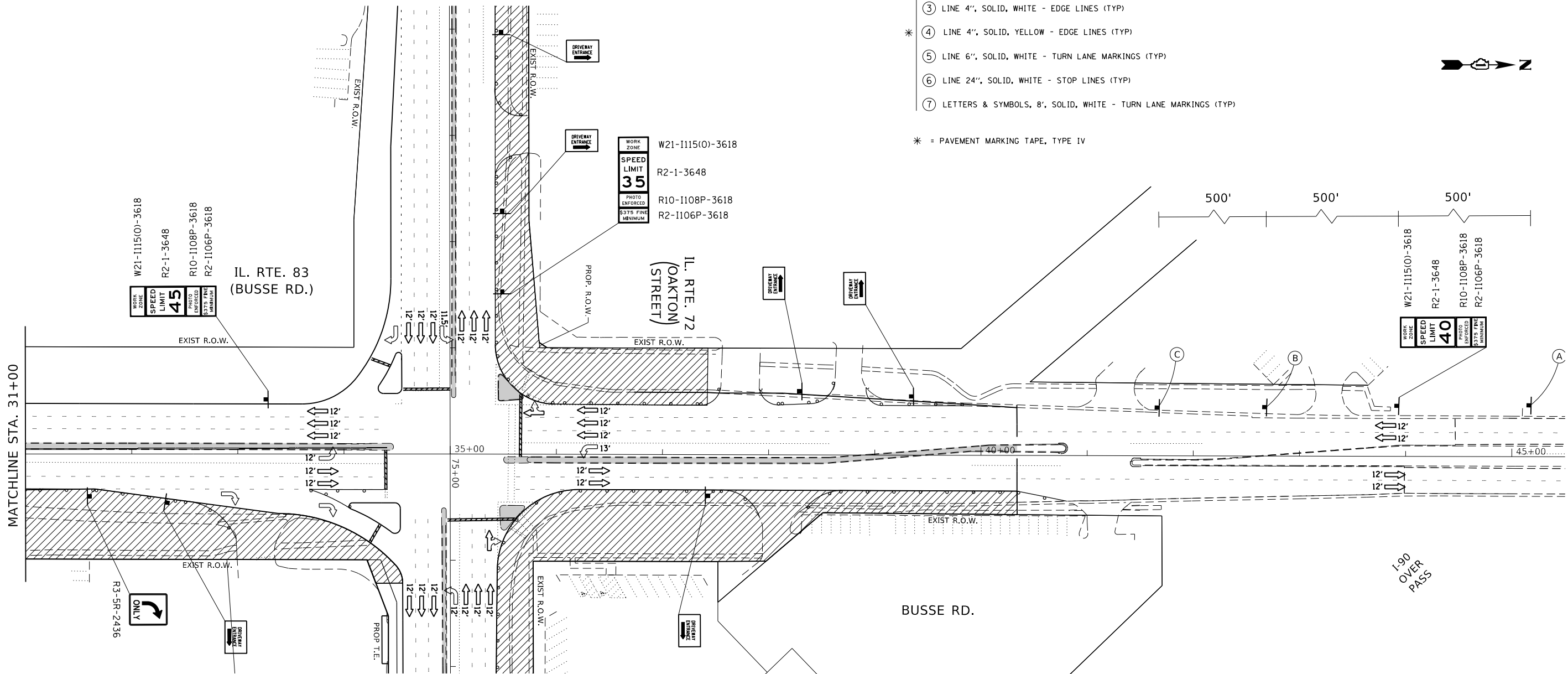
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-T5	COOK	191	52
CONTRACT NO. 60P14				
ILLINOIS FED. AID PROJECT				

LEGEND – WORK ZONE PAVEMENT MARKINGS

- ① LINE 4", 2 @ 4", SOLID, YELLOW, 11" C-C - CENTERLINE (TYP)
② LINE 4", SKIP-DASH, WHITE, 10' LINE WITH 30' SPACE (TYP) - LANE LINES (TYP)
③ LINE 4", SOLID, WHITE - EDGE LINES (TYP)
④ LINE 4", SOLID, YELLOW - EDGE LINES (TYP)
⑤ LINE 6", SOLID, WHITE - TURN LANE MARKINGS (TYP)
⑥ LINE 24", SOLID, WHITE - STOP LINES (TYP)
⑦ LETTERS & SYMBOLS, 8", SOLID, WHITE - TURN LANE MARKINGS (TYP)

* = PAVEMENT MARKING TAPE, TYPE IV



LEGEND

- WORK AREA
 TEMPORARY PAVEMENT
 SIGN ON PORTABLE OR PERMANENT SUPPORT
 BARRICADE TYPE II OR DRUM WITH STEADY BURN, BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 10' C-C IN CURVES AND RADII AND 20' C-C IN TAPERS WITH EDGE LINE, 4", SOLID

819C-101

W20-1103(O)-48
OR
W20-1(O)-48
(A)

W20-5L(O)-48
(B)

W20-1(O)-48
OR
W20-5R(O)-48
(C)

W21-1(O)-48
OR
W20-7(O)-48
(C)

END
WORK ZONE
SPEED LIMIT
(D)

G20-1103-3660

* TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR AN HOUR OR MORE

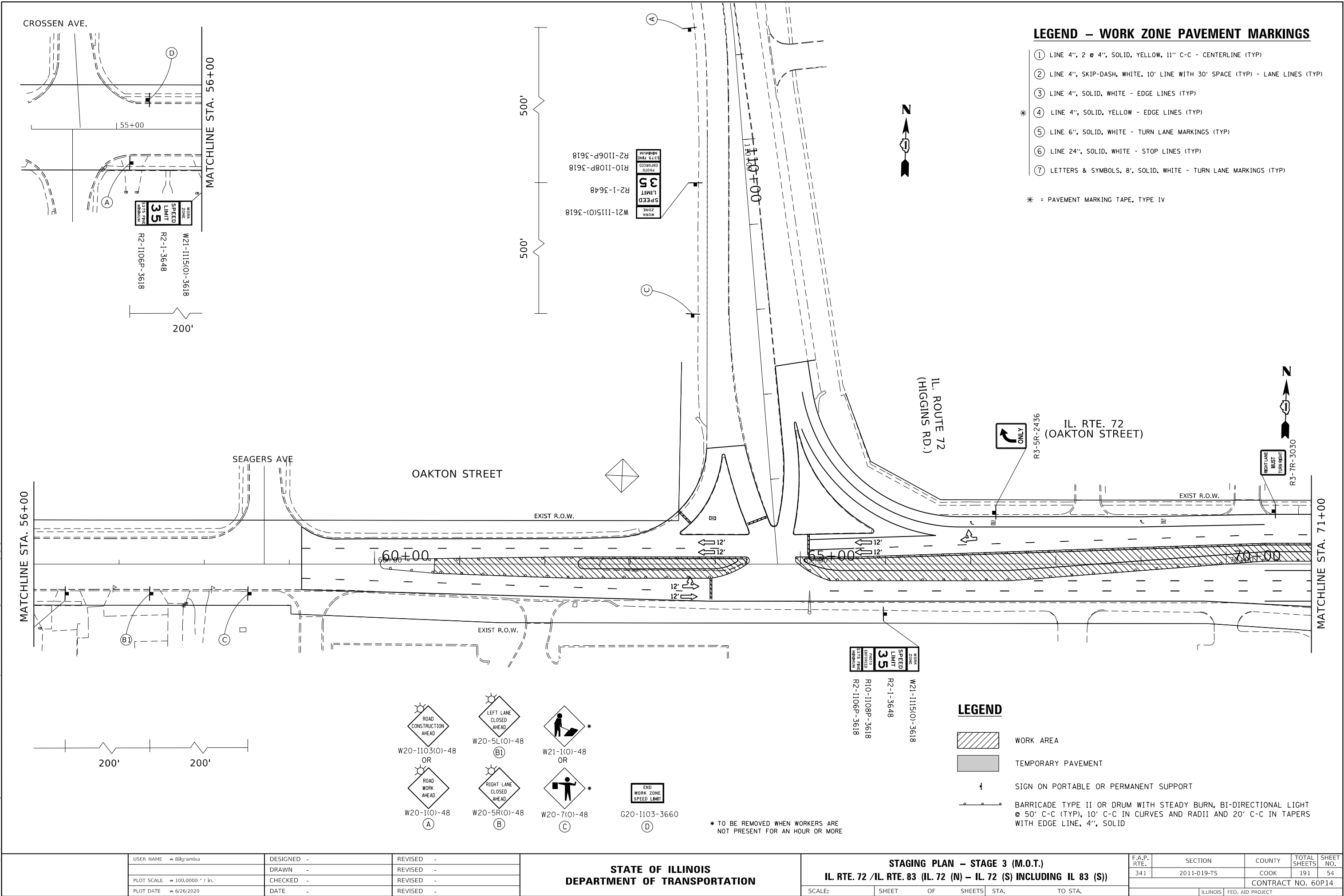
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING PLAN – STAGE 2 (M.O.T.)
IL. RTE. 72 /IL. RTE. 83 (IL. 72 (N) – IL. 72 (S) INCLUDING IL 83 (S))

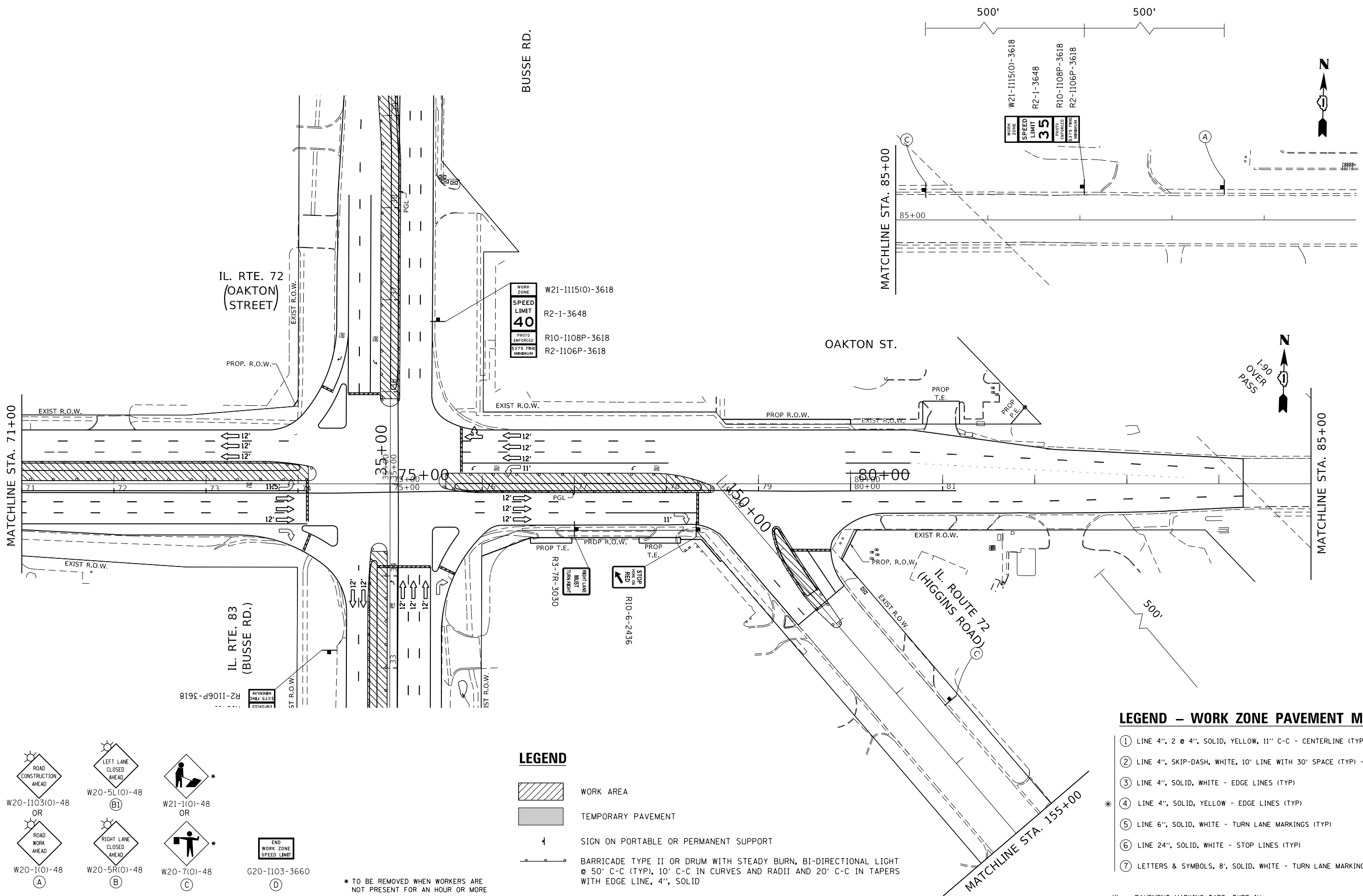
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-T5	COOK	191	53
CONTRACT NO. 60P14				
ILLINOIS FED. AID PROJECT				

MODEL Default
FILE Name: p:\publanroom.d\allroads\504\9400\DOT Documents\DOT Office\District 1\Projects\142611\COADDATA\Design\142611-01b-staging.dgn



MODEL Default
FILE Name: stagingplan000.dwg
PROJECT: I-90 Overpass
SHEET: 55
DATE: 6/26/2020



LEGEND – WORK ZONE PAVEMENT MARKINGS

- ① LINE 4", 2 @ 4", SOLID, YELLOW, 11" C-C - CENTERLINE (TYP)
- ② LINE 4", SKIP-DASH, WHITE, 10' LINE WITH 30' SPACE (TYP) - LANE LINES (TYP)
- ③ LINE 4", SOLID, WHITE - EDGE LINES (TYP)
- * ④ LINE 4", SOLID, YELLOW - EDGE LINES (TYP)
- ⑤ LINE 6", SOLID, WHITE - TURN LANE MARKINGS (TYP)
- ⑥ LINE 24", SOLID, WHITE - STOP LINES (TYP)
- ⑦ LETTERS & SYMBOLS, 8", SOLID, WHITE - TURN LANE MARKINGS (TYP)

* = PAVEMENT MARKING TAPE, TYPE IV

LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- BARRICADE TYPE II OR DRUM WITH STEADY BURN, BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 10' C-C IN CURVES AND RADII AND 20' C-C IN TAPERS WITH EDGE LINE, 4", SOLID

* TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR AN HOUR OR MORE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING PLAN – STAGE 3 (M.O.T.)
IL. RTE. 72 /IL. RTE. 83 (IL. 72 (N) – IL. 72 (S) INCLUDING IL 83 (S))

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-T5	COOK	191	55
CONTRACT NO. 60P14				
ILLINOIS FED. AID PROJECT				

LEGEND – WORK ZONE PAVEMENT MARKINGS

- ① LINE 4", 2 @ 4", SOLID, YELLOW, 11" C-C - CENTERLINE (TYP)
- ② LINE 4", SKIP-DASH, WHITE, 10' LINE WITH 30' SPACE (TYP) - LANE LINES (TYP)
- ③ LINE 4", SOLID, WHITE - EDGE LINES (TYP)
- * ④ LINE 4", SOLID, YELLOW - EDGE LINES (TYP)
- ⑤ LINE 6", SOLID, WHITE - TURN LANE MARKINGS (TYP)
- ⑥ LINE 24", SOLID, WHITE - STOP LINES (TYP)
- ⑦ LETTERS & SYMBOLS, 8', SOLID, WHITE - TURN LANE MARKINGS (TYP)

* = PAVEMENT MARKING TAPE, TYPE IV

LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- BARRICADE TYPE II OR DRUM WITH STEADY BURN, BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 10' C-C IN CURVES AND RADII AND 20' C-C IN TAPERS WITH EDGE LINE, 4", SOLID

MODEL: Default
FILE: \\ntwrp01.pw.state.il.us\pww\dot\Documents\IDOT_Offices\District 1\Projects\142611\CAD\data\Design\142611-shr-cta\stage.dgn

ROAD
CONSTRUCTION
AHEAD

W20-1103(O)-48
OR
W20-1(O)-48
A

LEFT LANE
CLOSED
AHEAD

W20-5L(O)-48
B1

RIGHT LANE
CLOSED
AHEAD

W20-5R(O)-48
B

ROAD
WORK
AHEAD

W20-7(O)-48
C

ROAD
CLOSED
AHEAD

W21-1(O)-48
OR
W21-1(O)-48
C

END
WORK ZONE
SPEED LIMIT

G20-1103-3660
D

* TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR AN HOUR OR MORE

IL. ROUTE 83 (BUSSE ROAD)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING PLAN – STAGE 3 (M.O.T.)
IL. RTE. 72 /IL. RTE. 83 (IL. 72 (N) – IL. 72 (S) INCLUDING IL 83 (S))

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-TS	COOK	191	56
CONTRACT NO. 60P14				
ILLINOIS FED. AID PROJECT				

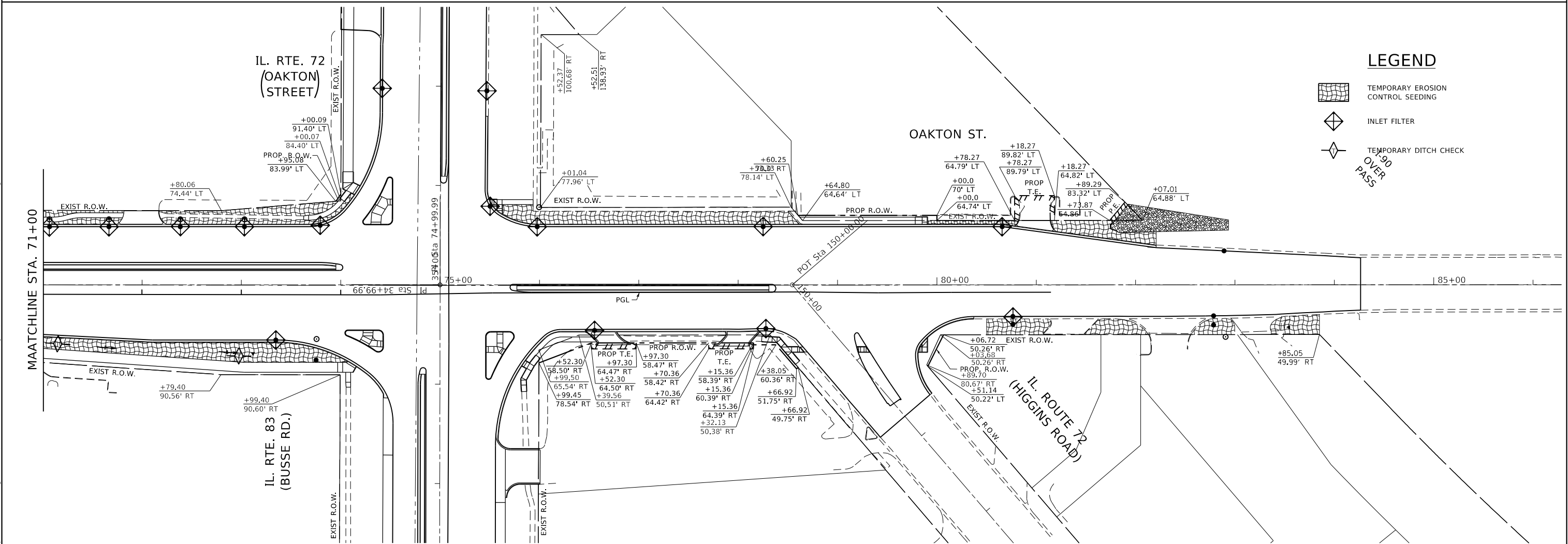
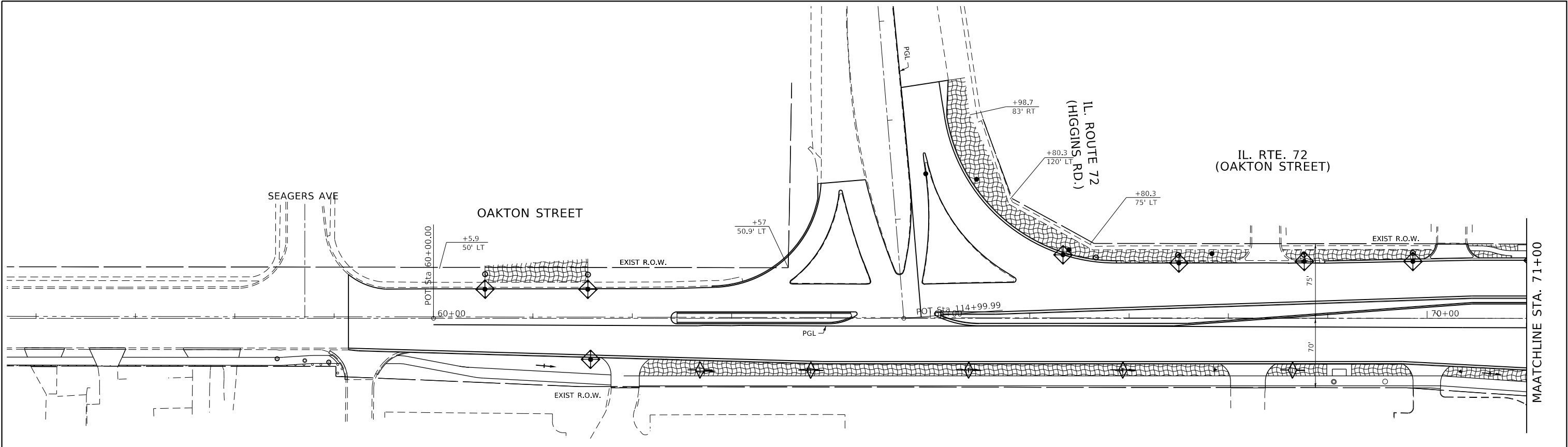
USER NAME = bilgramisa	DESIGNED -	REVISED -
PLOT SCALE = 100,0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 6/26/2020	CHECKED -	REVISED -
	DATE -	REVISED -

- ① LINE 4", 2 @ 4", SOLID, YELLOW, 11" C-C - CENTERLINE (TYP)
- ② LINE 4", SKIP-DASH, WHITE, 10' LINE WITH 30' SPACE (TYP) - LANE LINES (TYP)
- ③ LINE 4", SOLID, WHITE - EDGE LINES (TYP)
- ④ LINE 4", SOLID, YELLOW - EDGE LINES (TYP)
- ⑤ LINE 6", SOLID, WHITE - TURN LANE MARKINGS (TYP)
- ⑥ LINE 24", SOLID, WHITE - STOP LINES (TYP)
- ⑦ LETTERS & SYMBOLS, 8', SOLID, WHITE - TURN LANE MARKINGS (TYP)

	WORK AREA
	TEMPORARY PAVEMENT
	SIGN ON PORTABLE OR PERMANENT SUPPORT
	BARRICADE TYPE II OR DRUM WITH STEADY BURN, BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 10' C-C IN CURVES AND RADII AND 20' C-C IN TAPERS WITH EDGE LINE, 4", SOLID

 W20-1103(O)-48 OR  W20-1(O)-48 (A)	 W20-5L(O)-48 (B)	 * W21-1(O)-48 OR  * W20-7(O)-48 (C)	 G20-1103-3660 (D)
--	--	---	---

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-T5	COOK	191	57
		CONTRACT NO. 60P14		
		ILLINOIS	FED. AID PROJECT	



LEGEND

- TEMPORARY EROSION CONTROL SEEDING
- INLET FILTER
- TEMPORARY DITCH CHECK

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

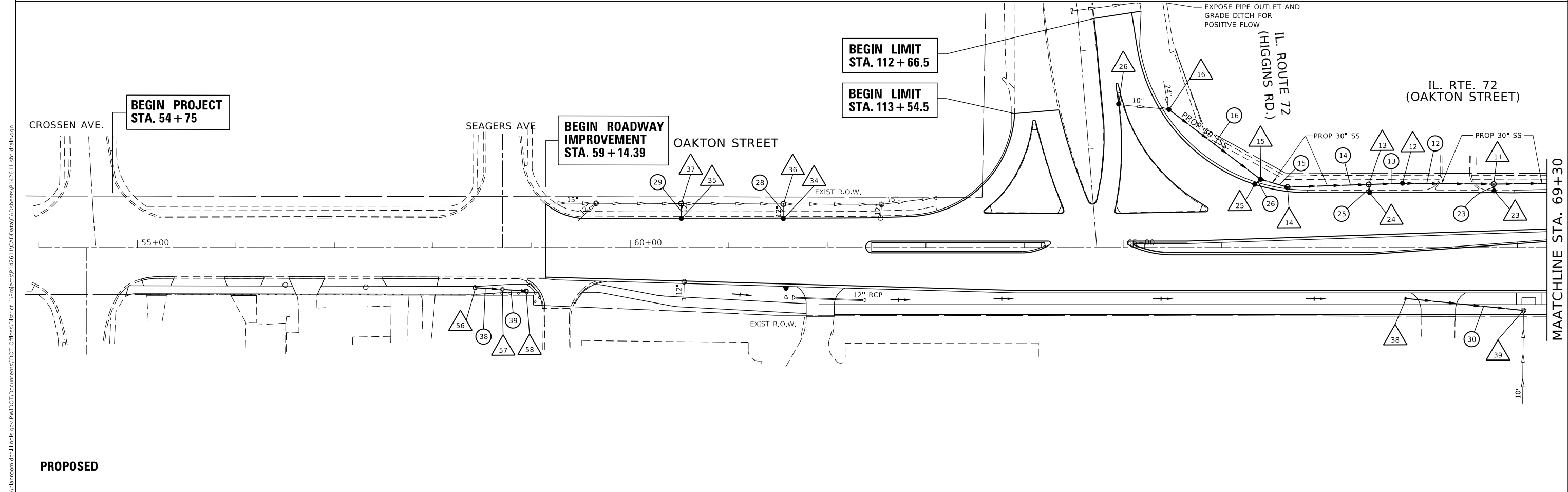
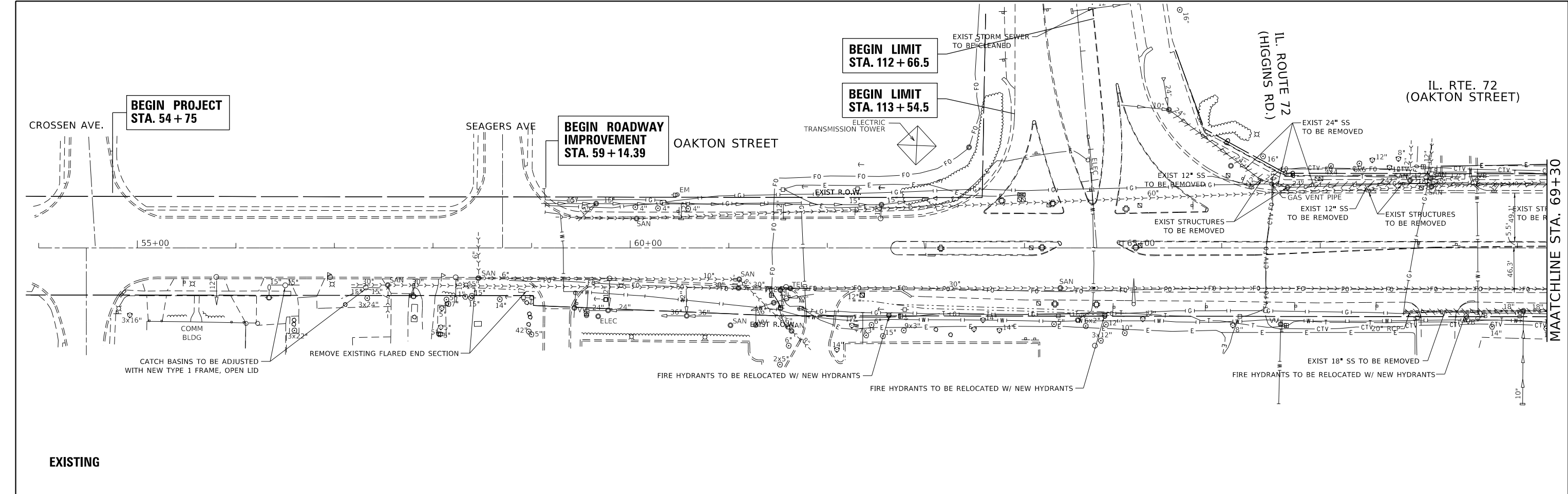
SEDIMENT AND EROSION CONTROL PLANS
IL. ROUTE 72/IL. ROUTE 83 (IL. ROUTE 72(N) - IL. ROUTE 72(S))
INCLUDING IL. ROUTE 83(S))

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-TS	COOK	191	58
CONTRACT NO. 60P14				
ILLINOIS FED. AID PROJECT				

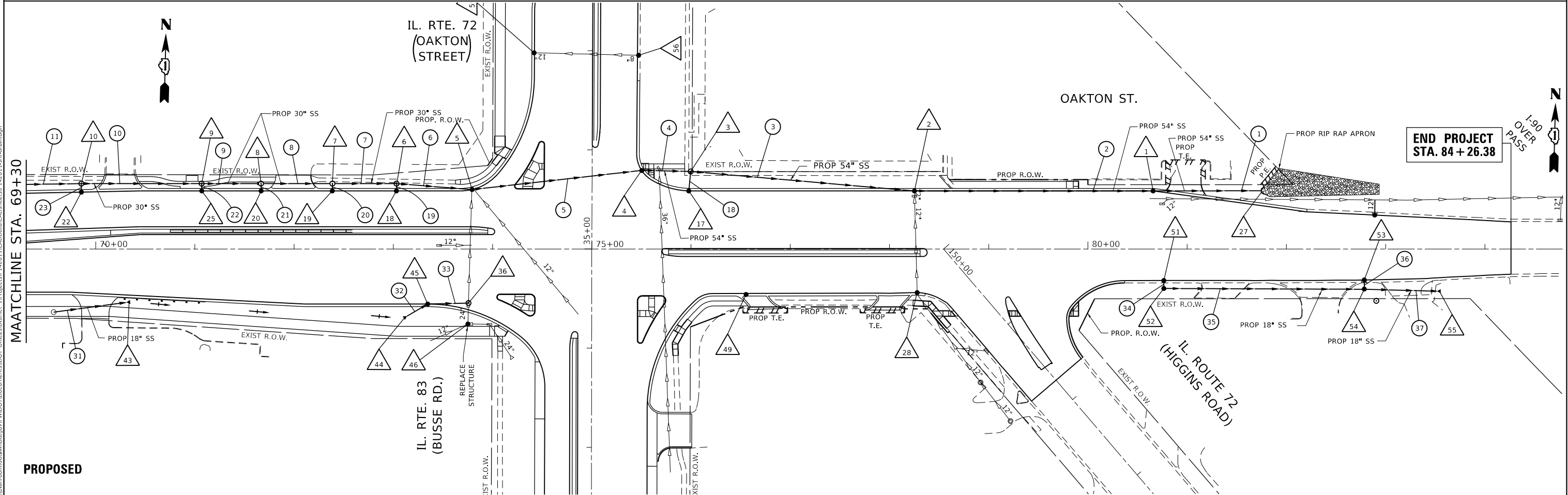
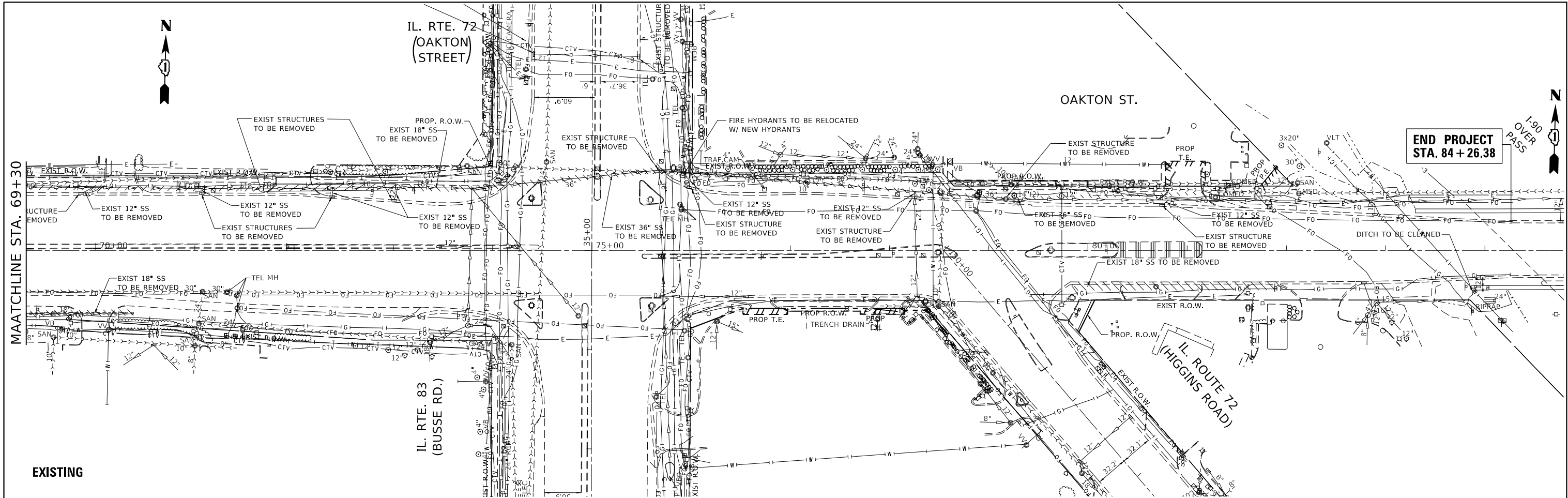
USER NAME = bilgramisa	DESIGNED -	REVISED -
DRAWN -	REVISED -	REVISED -
PLOT SCALE = 100,000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/26/2020	DATE -	REVISED -

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

MODEL Default
FILE Name: p:\planroom\dot\illinois\gov\p\w\DOT\Documents\DOT Office\Bldgct_1\Projects\142611\CAD\data\CD\cheets\142611-shl-eros.dgn



MODEL: Default FILE: \\netc:\proj\planroom\dotall\links\gov\PWIDOT\Documents\DOT Office\District 1\Projects\142611\CAD\data\CD\chess9142611-shft-drain.dgn	USER NAME = bilgramisa		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED DRAINAGE PLAN IL. ROUTE 72IL. ROUTE 83 (IL. ROUTE 72(N) - IL. ROUTE 72(S) INCLUDING IL. ROUTE 83(S))			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -		REVISD -	REVISED -					341	2011-019-T5	COOK	191	60
	PLOT SCALE = 100,0000' / in.		CHECKED -	REVISED -		SCALE: 1"=50'			CONTRACT NO. 60P14				
	PLOT DATE = 6/26/2020		DATE -	REVISED -		SHEET OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT				



MODEL: Default
FILE: \\nrtm\proj\planroom\dot\all\links\gov\p\w\dot\Documents\DOT Office\District 1\Project\9142611\COADD\data\CD\heers9142611-shd-drain.dgn

USER NAME	= bilgramisa	DESIGNED	-	REVISED	-
DRAWN	-	REVIS	-	REVISED	-
PLOT SCALE	= 100,0000 ' / in.	CHECKED	-	REVISED	-
PLOT DATE	= 6/26/2020	DATE	-	REVISED	-

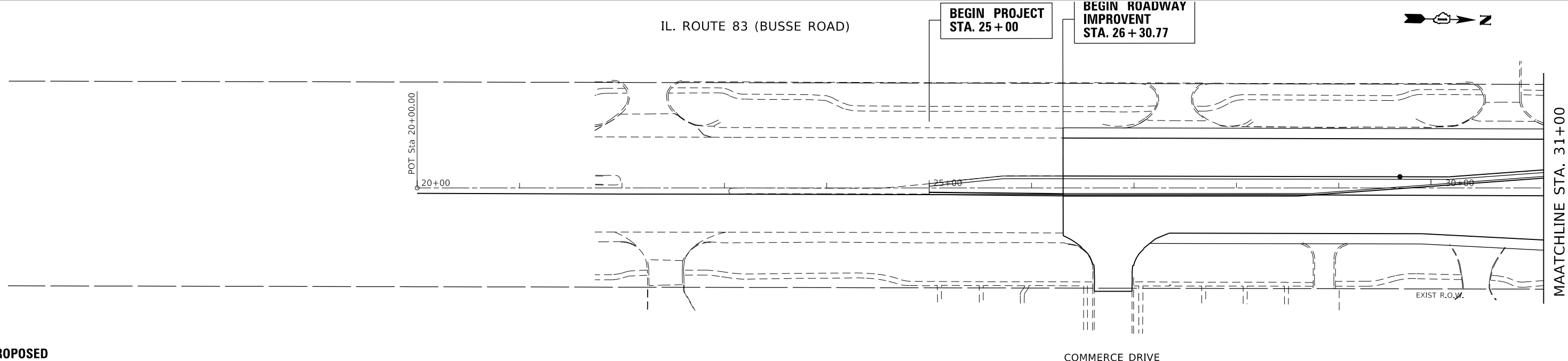
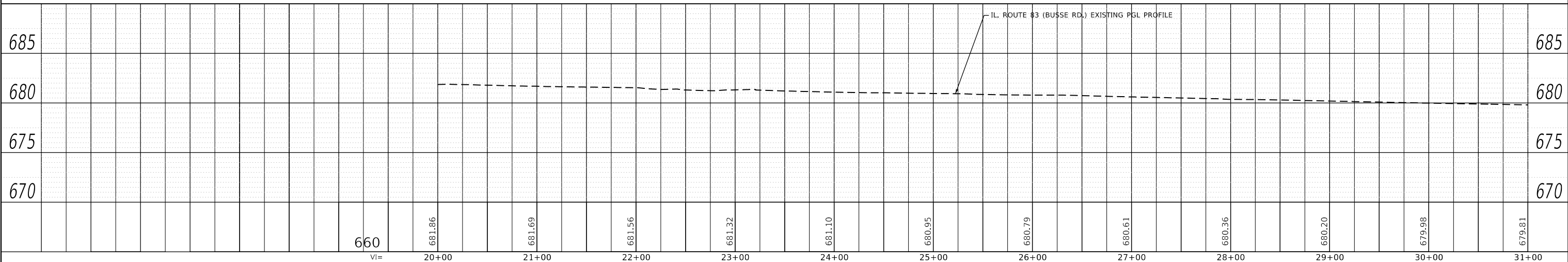
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED DRAINAGE PLAN
IL. ROUTE 72/IL. ROUTE 83 (IL. ROUTE 72(N) - IL. ROUTE 72(S)
INCLUDING IL. ROUTE 83(S))

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-T5	COOK	191	61
CONTRACT NO. 60P14				
ILLINOIS FED. AID PROJECT				

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK _____	GRADES CHECKED _____		
NO. _____	B.M. NOTED _____		
	STRUCTURE NOTAT'NS CHKD _____		

EXISTING

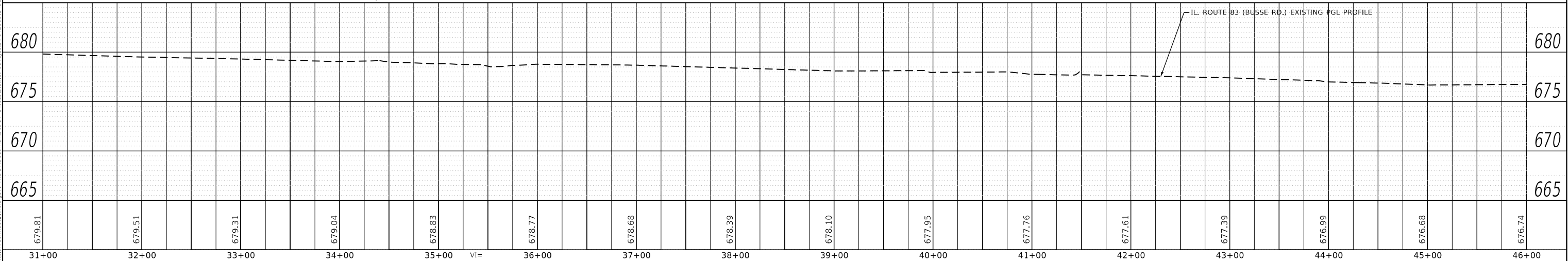
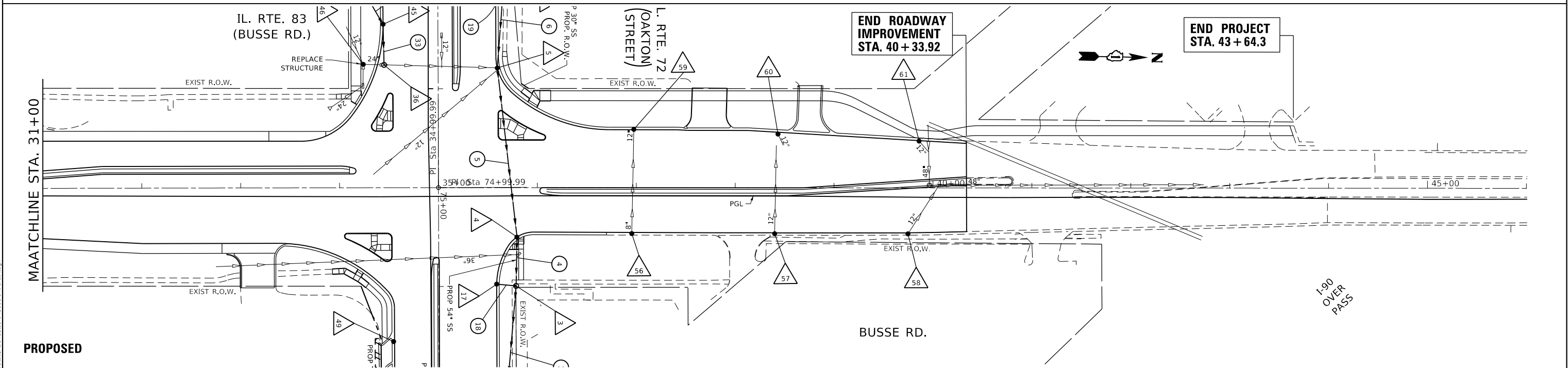
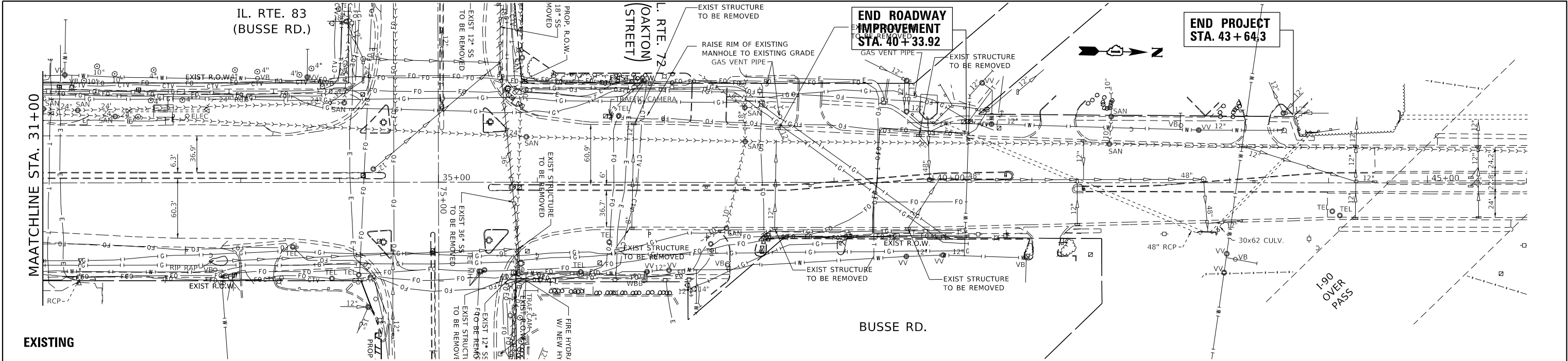
**PROPOSED**

USER NAME = B#gramisa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED DRAINAGE PLAN AND PROFILE IL. ROUTE 72/IL. ROUTE 83 (IL. ROUTE 72(N) – IL. ROUTE 72(S) INCLUDING IL. ROUTE 83(S))				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -							2011-019-TS	COOK	191	62
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 60P14					
PLOT DATE = 6/26/2020	DATE -	REVISED -			SCALE: 1"=50'	SHEET OF	SHEETS	STA.	TO STA.		ILLINOIS	FED. AID PROJECT

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

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	GRADES		
	CHECKED		
	STRUCTURE		
	NOTATIS		
	CHKD		

MODEL: Default
FILE NAME: p:\v\l\m\room\dot\all\indis.gov\p\w\DOT\Documents\DOT Office\District 1\Projects\P142611\CAD\Drawings\CD\Drawings\P142611-sht-drain.dgn



USER NAME = Bllgramisa	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/26/2020	DATE -	REVISED -

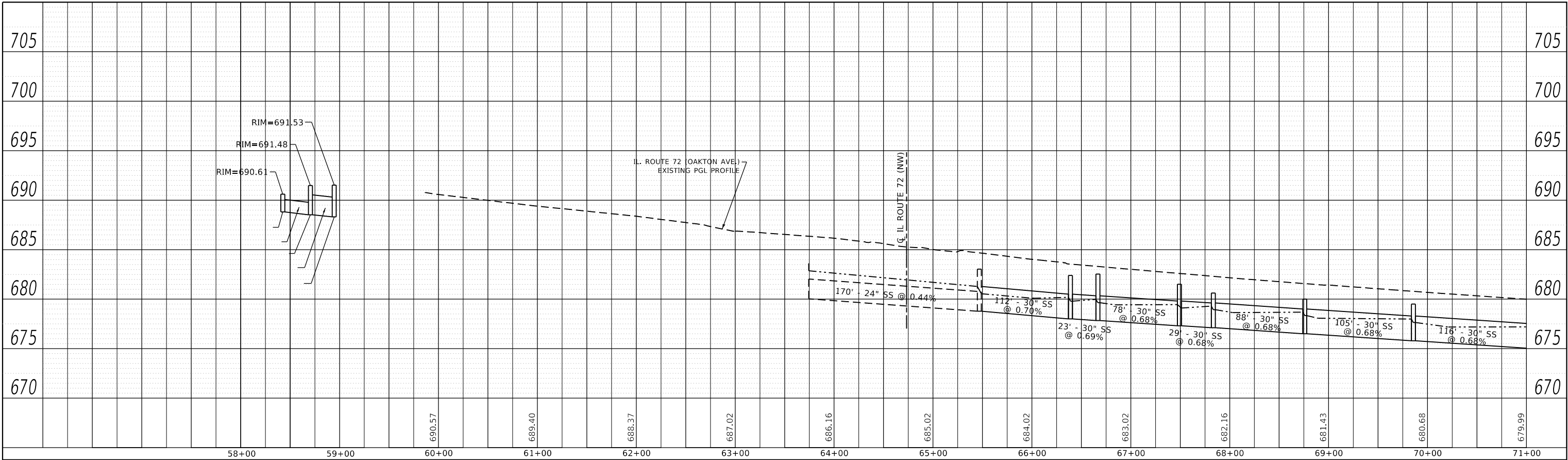
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED DRAINAGE PLAN AND PROFILE
IL. ROUTE 72/IL. ROUTE 83 (IL. ROUTE 72(N) - IL. ROUTE 72(S))
INCLUDING IL. ROUTE 83(S))

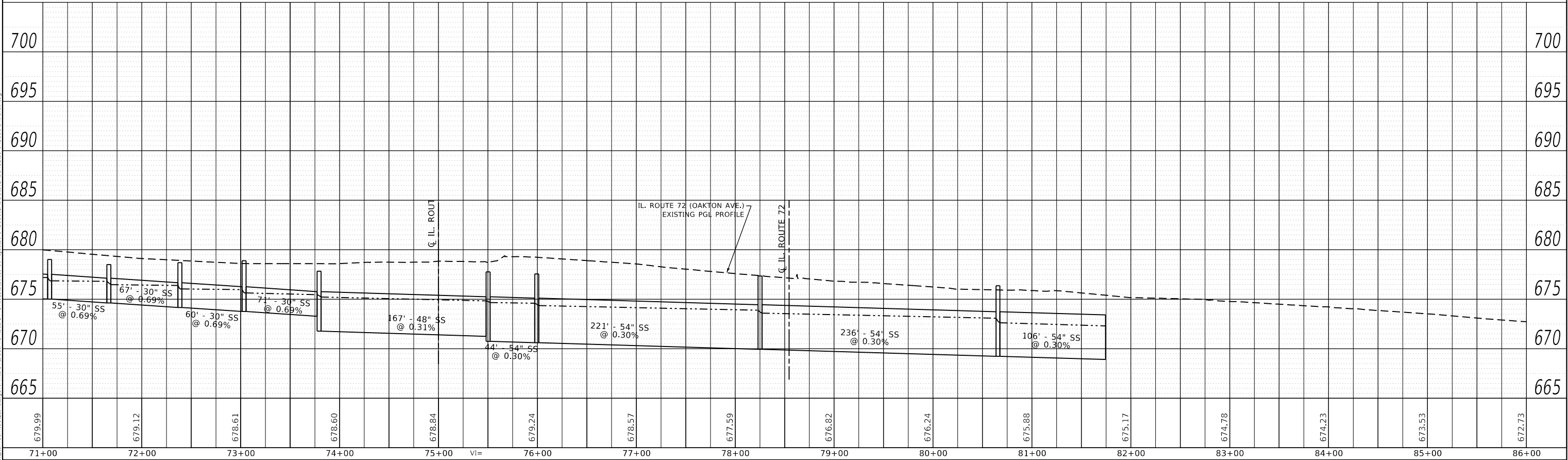
SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2011-019-TS	COOK	191	63
				CONTRACT NO. 60P14
		ILLINOIS	FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	ALIGNMENT CHECKED		
	NO.		



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	GRADES CHECKED		
	NO.		



MODEL: Default
FILE NAME: p:\v\planning\dot\all\indis.gov\p\indis\DOT\Documents\DOT\Office\District 1\Projects\PI2611\CD\update\CD\sheet\PI2611-shit-drain.dgn

USER NAME = Bilgramisa	DESIGNED -	REVISED -
DRAWN -	REVISIED -	
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/26/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED DRAINAGE PROFILE
IL. ROUTE 72IL. ROUTE 83 (IL. ROUTE 72(N) – IL. ROUTE 72(S))
INCLUDING IL. ROUTE 83(S))

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-TS	COOK		
CONTRACT NO. 60P14				
ILLINOIS FED. AID PROJECT				

MODEL Default
FILE Name: p:\pub\anrcom.datalinks\gov\RWIDOT\Documents\DOT_Offices\Illndtct_1\Project\PI42611\CAD\data\Design\PI42611-shr-schedule.dgn

PIPE SCHEDULE								
ID	PAY ITEM	LENGTH	START STRUCTURE	START INVERT	END STRUCTURE	END INVERT	SLOPE	TRENCH BACKFILL
		(FT)						(CUYD)
P1	STORM SEWERS, CLASS A, TYPE 1 54"	104.53	S1	669.22	S27	668.90	0.29%	25.74
P2	STORM SEWERS, CLASS A, TYPE 1 54"	231.68	S2	669.93	S1	669.22	0.30%	104.00
P3	STORM SEWERS, CLASS A, TYPE 1 54"	216.80	S3	670.60	S2	669.93	0.30%	183.00
P18	STORM SEWERS, CLASS A, TYPE 2 12"	13.70	S17	670.79	S3	670.70	0.44%	6.41
P4	STORM SEWERS, CLASS A, TYPE 1 54"	22.24	S33	670.69	S3	670.60	0.28%	26.79
P5	STORM SEWERS, CLASS A, TYPE 1 48"	163.66	S5	671.76	S4	671.24	0.30%	93.26
P6	STORM SEWERS, CLASS A, TYPE 1 30"	69.21	S6	673.75	S5	673.26	0.64%	27.42
P19	STORM SEWERS, CLASS A, TYPE 2 12"	3.23	S18	673.88	S6	673.85	0.44%	1.28
P7	STORM SEWERS, CLASS A, TYPE 1 30"	58.86	S7	674.16	S6	673.75	0.63%	33.10
P20	STORM SEWERS, CLASS A, TYPE 2 12"	3.23	S19	674.29	S7	674.26	0.44%	0.85
P8	STORM SEWERS, CLASS A, TYPE 1 30"	65.96	S8	674.62	S7	674.16	0.64%	27.66
P21	STORM SEWERS, CLASS A, TYPE 2 12"	3.23	S19	674.29	S8	674.72	0.44%	0.82
P9	STORM SEWERS, CLASS A, TYPE 1 30"	54.06	S9	675.00	S8	674.62	0.63%	12.07
P22	STORM SEWERS, CLASS A, TYPE 1 12"	3.23	S21	675.13	S9	675.10	0.44%	0.36
P10	STORM SEWERS, CLASS A, TYPE 1 30"	115.46	S10	675.79	S9	675.00	0.65%	23.93
P23	STORM SEWERS, CLASS A, TYPE 1 12"	4.43	S22	675.93	S10	675.89	0.44%	1.10
P11	STORM SEWERS, CLASS A, TYPE 1 30"	103.86	S11	676.50	S10	675.79	0.65%	16.54
P24	STORM SEWERS, CLASS A, TYPE 1 12"	2.73	S23	676.63	S11	676.60	0.44%	0.64
P12	STORM SEWERS, CLASS A, TYPE 1 30"	86.66	S12	677.10	S11	676.50	0.65%	18.54
P13	STORM SEWERS, CLASS A, TYPE 1 30"	28.46	S13	677.30	S12	677.10	0.58%	7.10
P25	STORM SEWERS, CLASS A, TYPE 1 12"	4.13	S24	677.44	S13	677.40	0.44%	1.14
P14	STORM SEWERS, CLASS A, TYPE 1 30"	76.66	S14	677.83	S13	677.30	0.64%	24.73
P15	STORM SEWERS, CLASS A, TYPE 1 30"	21.21	S15	677.99	S14	677.83	0.57%	9.09
P26	STORM SEWERS, CLASS A, TYPE 2 12"	2.38	S25	678.12	S15	678.09	0.44%	0.69
P16	STORM SEWERS, CLASS A, TYPE 1 30"	109.23	S16	678.77	S15	677.99	0.67%	24.48
P27	STORM SEWERS, CLASS A, TYPE 1 54"	8.81	S4	670.74	S33	670.69	0.28%	8.68
P28	STORM SEWERS, CLASS A, TYPE 1 12"	11.15	S34	685.39	S36	685.32	0.44%	1.02
P29	STORM SEWERS, CLASS A, TYPE 1 12"	11.43	S35	686.02	S37	685.95	0.44%	1.32
P30	STORM SEWERS, CLASS A, TYPE 1 18"	114.60	S38	680.69	S39	680.38	0.26%	7.77
P31	STORM SEWERS, CLASS A, TYPE 1 18"	71.07	S42	679.48	S43	680.12	0.87%	4.82
P32	STORM SEWERS, CLASS A, TYPE 2 18"	20.58	S44	671.64	S45	671.58	0.26%	4.65
P33	STORM SEWERS, CLASS A, TYPE 2 18"	35.86	S45	671.58	S31	671.47	0.26%	25.58
P34	STORM SEWERS, CLASS A, TYPE 2 12"	4.47	S52	671.51	S51	671.55	0.44%	1.75
P35	STORM SEWERS, CLASS A, TYPE 2 18"	197.34	S52	671.41	S54	670.88	0.26%	52.41
P36	STORM SEWERS, CLASS A, TYPE 2 12"	5.84	S54	670.98	S53	671.02	0.44%	1.23
P37	STORM SEWERS, CLASS A, TYPE 2 18"	70.95	S54	670.88	S55	670.69	0.26%	5.18
P38	STORM SEWERS, CLASS A, TYPE 2 15"	25.50	S56	688.81	S57	688.53	1.10%	0.00
P39	STORM SEWERS, CLASS A, TYPE 1 24"	22.00	S57	688.53	S58	688.31	0.99%	0.00

PIPE UNDERDRAINS, TYPE 2, 4"	
STATION TO STATION	OFFSET
70+43.56 to 73+66.14	LT
75+98.20 to 80+64.26	LT
80+64.26 to 82+19.78	LT

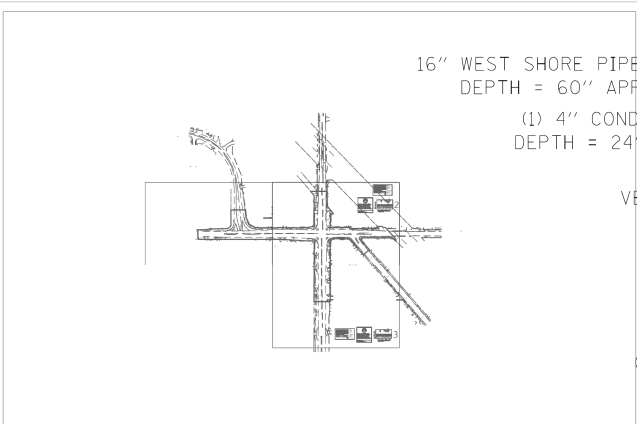
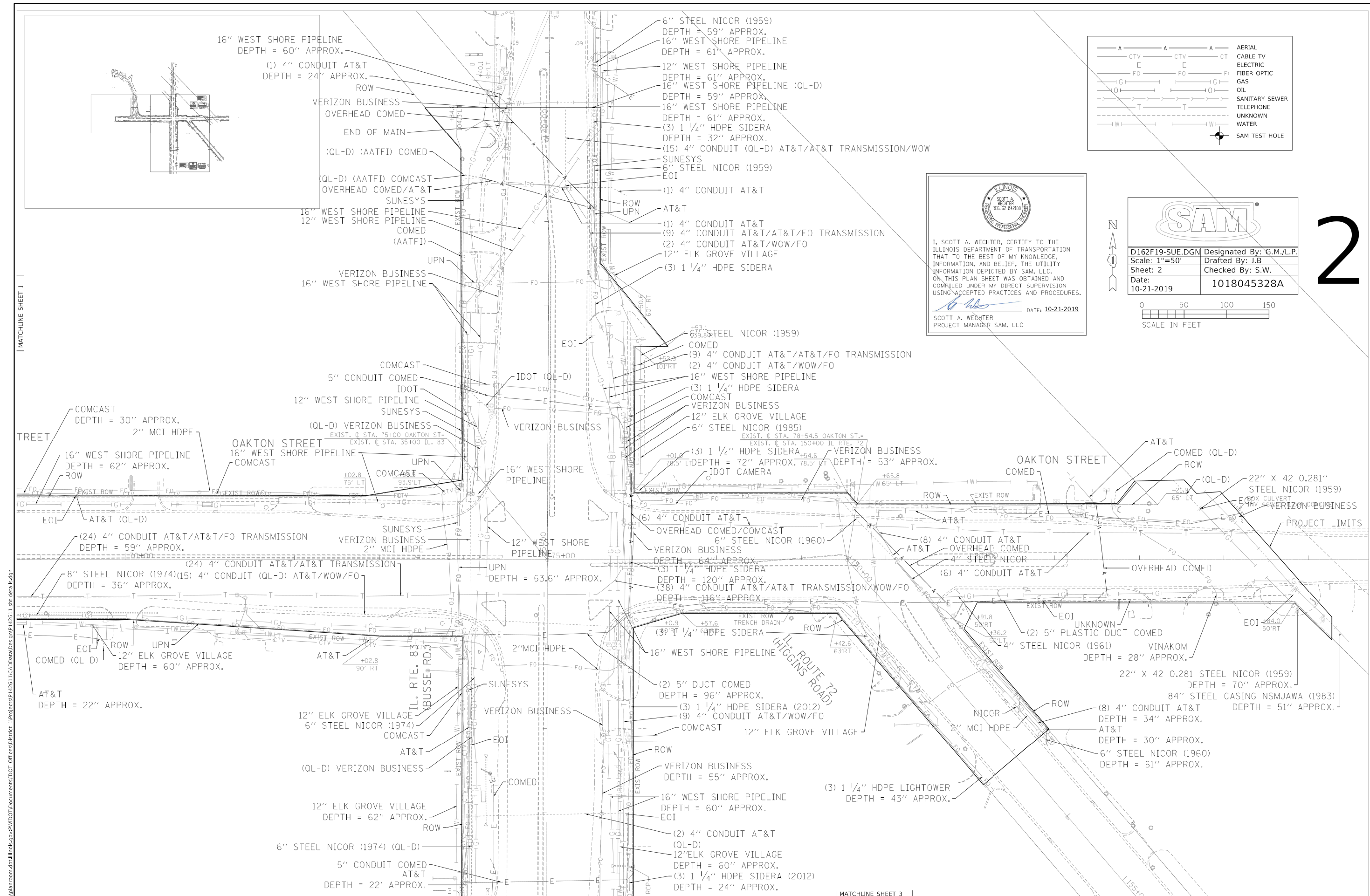
PIPE UNDERDRAINS 4" (SPECIAL)		
STATION	OFFSET	Length (FT)
70+43.56	LT	7
72+4.85	LT	7
73+66.14	LT	2
75+98.20	LT	17

	USER NAME = Bilgramisa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 72 (HIGGINS RD) AT IL 83 (BUSSE RD) SCHEDULE OF QUANTITIES – DRAINAGE		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -				341	2011-019-TS	COOK	191	65
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -				CONTRACT NO. 60P14				
	PLOT DATE = 6/26/2020	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				
SCALE:		SHEET	OF	SHEETS	STA.	TO STA.					

MODEL Default
FILE Name: p:\pub\anrcom.dwg\Illinois.gov\RWIDOT\Documents\DOT_Offices\Illinrc1_1\Project\PI142611\CADData\Design\PI142611-shr-structure.dgn

STRUCTURE SCHEDULE								
ID	STATION	OFFSET	LID ELEVATION	INVERT				PAY ITEM
				N	S	W	E	
S1	80+65.76	58.54 LT	674.76			669.22	669.22	*MANHOLES, TYPE A, 7'-DIAMETER, TYPE 3 FRAME AND GRATE
S2	78+25.12	58.46 LT	676.24		671.72	669.93	669.93	*MANHOLES, TYPE A, 8'-DIAMETER, TYPE 3 FRAME AND GRATE
S3	75+99.65	78.05 LT	678.45		670.70	670.60	670.60	*MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, OPEN LID
S17	75+97.73	58.52 LT	677.52	670.79				CATCH BASINS, TYPE C, TYPE 3 FRAME AND GRATE
S4	75+50.31	79.09 LT	678.04			671.24	670.74	*MANHOLES, TYPE A, 7'-DIAMETER, TYPE 3 FRAME AND GRATE
S5	73+79.38	59.91 LT	677.57		670.99	673.26	671.76	*MANHOLES, TYPE A, 7'-DIAMETER, TYPE 3 FRAME AND GRATE
S6	73+03.32	65.9 LT	678.65		673.85	673.75	673.75	*MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID
S18	73+03.04	58.46 LT	677.54	673.88				CATCH BASINS, TYPE C, TYPE 3 FRAME AND GRATE
S7	72+38.68	65.89 LT	678.64		674.26	674.16	674.16	*MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID
S19	72+38.51	58.55 LT	677.93	674.29				CATCH BASINS, TYPE C, TYPE 3 FRAME AND GRATE
S8	71+66.67	65.92 LT	678.92		674.72	674.62	674.62	*MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID
S20	71+66.78	58.5 LT	678.45	674.75				CATCH BASINS, TYPE C, TYPE 3 FRAME AND GRATE
S9	71+06.76	65.95 LT	675.15		675.10	675.00	675.00	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID
S21	71+06.92	58.52 LT	678.72	675.13				CATCH BASINS, TYPE C, TYPE 3 FRAME AND GRATE
S10	69+85.60	65.88 LT	679.90		675.89	675.79	675.79	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID
S22	69+85.73	57.3 LT	679.66	675.93				CATCH BASINS, TYPE C, TYPE 3 FRAME AND GRATE
S11	68+75.92	64.18 LT	680.30		676.60	676.50	676.50	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID
S23	68+76.30	57.37 LT	680.42	676.63				CATCH BASINS, TYPE C, TYPE 3 FRAME AND GRATE
S12	67+83.35	65.09 LT	680.61			677.10	677.10	*CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 3 FRAME AND GRATE
S13	67+49.17	63.87 LT	681.52		677.40	677.30	677.30	*MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID
S24	67+50.23	55.67 LT	681.57	677.44				CATCH BASINS, TYPE C, TYPE 3 FRAME AND GRATE
S14	66+66.73	61.25 LT	682.20			677.83	677.83	*MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID
S15	66+39.49	69.06 LT	682.50		678.09	677.99	677.99	*MANHOLES, TYPE A, 7'-DIAMETER, TYPE 3 FRAME AND GRATE
S25	66+33.48	64.02 LT	682.19	678.12				CATCH BASINS, TYPE C, TYPE 3 FRAME AND GRATE
S16	65+46.56	139.95 LT	683.82	679.27		679.27	678.77	*MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID
S32	63+63.63	116.61 LT	685.60				680.02	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"
S31	73+75.73	54.55 RT	677.72	671.37	671.37	671.47		*MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID
S28	78+28.04	43.99 RT	676.62	672.74		672.84	672.84	*CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 3 FRAME AND GRATE
S29	#N/A	#N/A	679.00	675.00				PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"
S30	65+41.35	168.7 LT	683.05		680.22			PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"
S27	81+74.38	58.74 LT	675.55			668.90	668.90	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 54"
S26	64+95.35	145.49 LT	684.30				681.65	CATCH BASINS, TYPE C, TYPE 3 FRAME AND GRATE
S33	75+68.01	78.89 LT	678.44		669.99	670.69	670.69	*MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, OPEN LID
S34	61+55.33	9.25 LT	688.54	685.39				CATCH BASINS, TYPE C, TYPE 3 FRAME AND GRATE
S35	60+51.93	29.58 LT	689.59	686.02				CATCH BASINS, TYPE C, TYPE 3 FRAME AND GRATE
S36	61+55.39	44.06 LT	688.54		685.32	685.22	685.22	*MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID
S37	60+52.08	44.39 LT	689.25		685.95	685.85	685.85	*MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID
S38	67+89.24	52 RT	681.20				680.69	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"
S39	69+06.10	63.85 RT	680.60		677.25	680.38	677.25	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID
S40	62+46.79	149.09 LT	690.68		678.18	686.38	686.38	*MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID
S41	62+55.57	262.52 LT	687.70		684.75	684.60	684.55	*MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID
S42	62+75.59	217.78 LT	679.66			676.76	679.48	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 3 FRAME AND GRATE
S43	70+31.49	53.93 RT	679.99			680.12		PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"
S44	73+13.79	67.79 RT	677.60				671.64	CATCH BASINS, TYPE C, TYPE 3 FRAME AND GRATE
S45	73+34.84	55.47 RT	677.59			671.58	671.58	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE
S46	73+75.12	75.63 RT	674.44	671.44		671.59	671.44	*CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 3 FRAME AND GRATE
S47	72+86.43	155.53 RT	677.56			673.11	674.21	INLETS, TYPE A, TYPE 3 FRAME AND GRATE
S48	72+86.55	158.04 RT	679.03		672.28		673.78	*MANHOLES, TYPE A, 5'-DIAMETER, TYPE 3 FRAME AND GRATE
S49	76+55.49	45.87 RT	677.84			674.05		CATCH BASINS, TYPE C, TYPE 3 FRAME AND GRATE
S50	76+62.22	51.36 RT	677.38	673.33				*MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID
S51	80+76.47	31.64 RT	675.41		671.55			CATCH BASINS, TYPE C, TYPE 3 FRAME AND GRATE
S52	80+76.54	39.83 RT	676.12	671.51			671.41	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE
S53	82+78.74	31.12 RT	674.24		671.02			CATCH BASINS, TYPE C, TYPE 3 FRAME AND GRATE
S54	82+78.44	40.39 RT	674.77	670.98		670.88	670.88	*CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE
S55	83+51.92	42.49 RT	670.69			670.69		PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"
S56	58+42.62	40.72 RT	690.61	688.81	688.81			MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID
S57	58+70.5	42.53 RT	691.48	688.53	688.53			MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID
S58	58+94.61	44.11 RT	691.53	688.31	688.31			MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID

	USER NAME = Bilgramisa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 72 (HIGGINS RD) AT IL 83 (BUSSE RD) SCHEDULE OF QUANTITIES – DRAINAGE					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -							341	2011-019-TS	COOK	191	66
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -		CONTRACT NO. 60P14									
	PLOT DATE = 6/26/2020	DATE -	REVISED -		ILLINOIS FED. AID PROJECT									
						SCALE:	SHEET	OF	SHEETS	STA.	TO STA.			



1, SCOTT A. WECHTER, CERTIFY TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE UTILITY INFORMATION DEPICTED BY SAM, LLC, ON THIS PLAN SHEET WAS OBTAINED AND COMPILED UNDER MY DIRECT SUPERVISION USING ACCEPTED PRACTICES AND PROCEDURES.

DATE: 10-21-2019

SCOTT A. WECHTER
PROJECT MANAGER SAM, LLC

A	A	A	AERIAL
CTV	CTV	CT	CABLE TV
E	E		ELECTRIC
FO	FO	Fi	FIBER OPTIC
G	G	G	GAS
IO	IO	IO	OIL
S	S	S	SANITARY SEWER
T	T	T	TELEPHONE
U	U	U	UNKNOWN
W	W	W	WATER
			SAM TEST HOLE

D162F19-SUE.DGN Designated By: G.M./L.P.
Scale: 1"=50' Drafted By: J.B.
Sheet: 2 Checked By: S.W.
Date: 10-21-2019 1018045328A

0 50 100 150
SCALE IN FEET

MODEL: Default
FILE: \\nrc\proj\planroom\dot\illinois\gov\p\illinois\dot\Documents\DOT Office\District 1\Project\142611\COData\Design\142611-28t-ds\ill.dgn

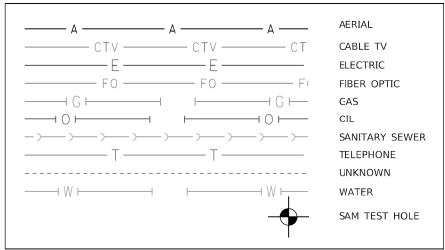
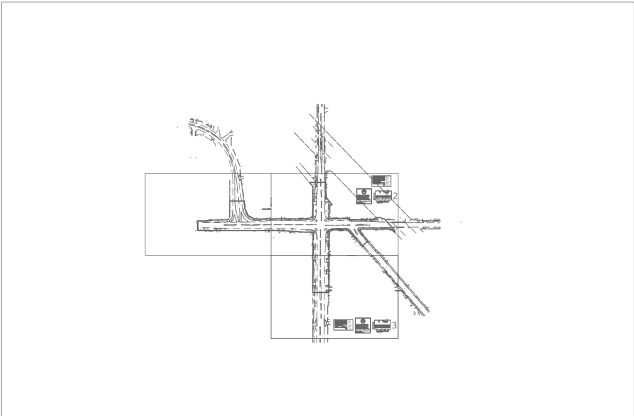
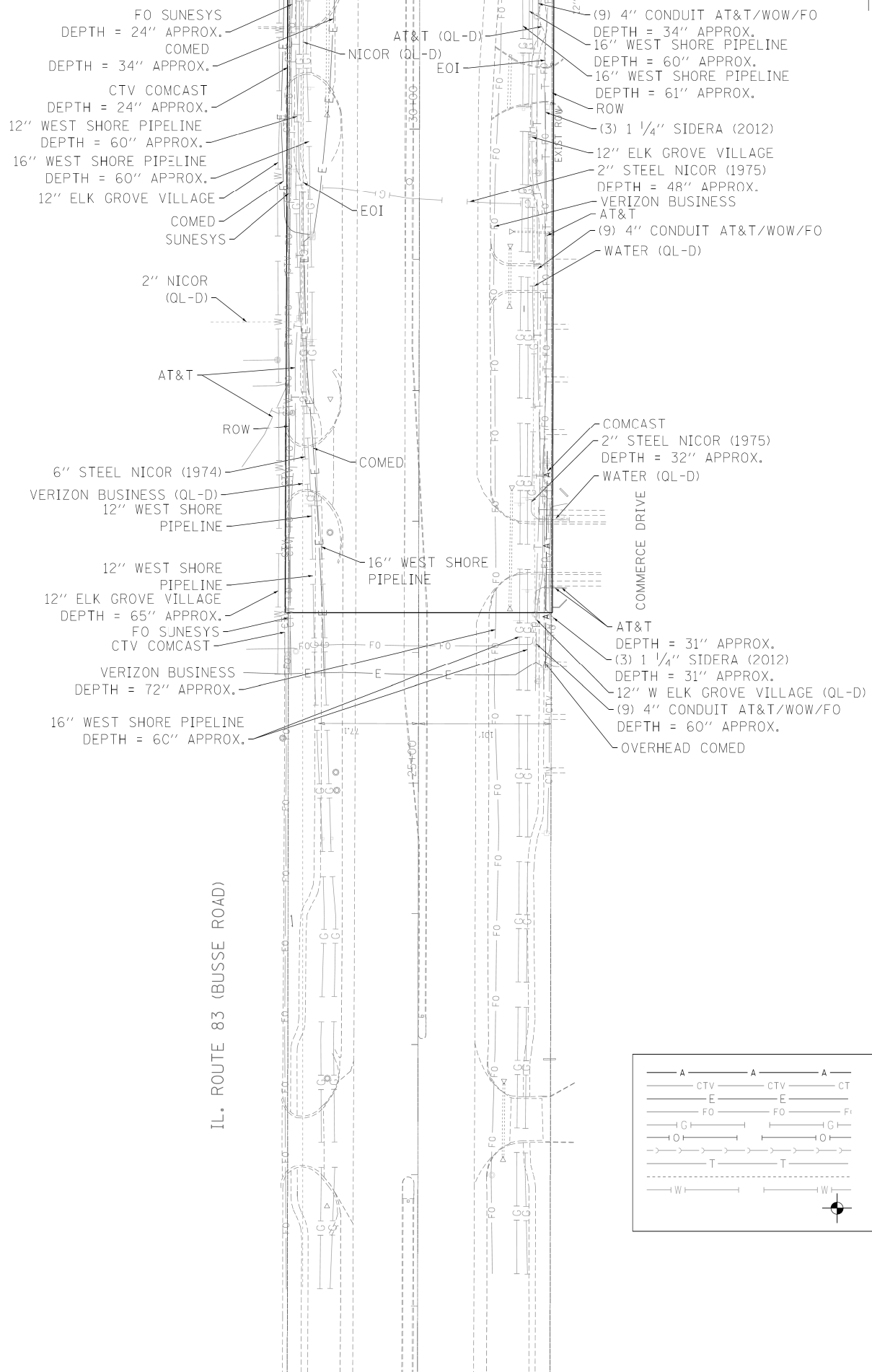
USER NAME = bilgramisa	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/26/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 72 (HIGGINS RD) AT IL 83 (BUSSE RD)
SUE INVESTIGATION AND UNDERGROUND UTILITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-T5	COOK	191	68
CONTRACT NO. 60P14				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE: \\nrtc-prod\planroom\dot\illinois\gov\p\WIDOT\Documents\DOT Office\Illinrct 1\Projects\142611\CAD\data\Design\142611-sht-detail.dgn



ILLINOIS
SCOTT A. WECHTER
REG. 62-042188
Professional Engineer

I, SCOTT A. WECHTER, CERTIFY TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE UTILITY INFORMATION DEPICTED BY SAM, LLC, ON THIS PLAN SHEET WAS OBTAINED AND COMPILED UNDER MY DIRECT SUPERVISION USING ACCEPTED PRACTICES AND PROCEDURES.

DATE: 10-21-2019
SCOTT A. WECHTER
PROJECT MANAGER SAM, LLC



SAM

D162F19-SUE.DGN	Designated By: G.M./L.P.
Scale: 1"=50'	Drafted By: J.B.
Sheet: 3	Checked By: S.W.
Date: 10-21-2019	1018045328A

0 50 100 150
SCALE IN FEET

3

USER NAME	= Bilgramisa	DESIGNED	-	REVISED	-
DRAWN	-	REVISION	-	REVISION	-
PLOT SCALE	= 100,0000 ' / in.	CHECKED	-	REVISION	-
PLOT DATE	= 6/26/2020	DATE	-	REVISION	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 72 (HIGGINS RD) AT IL 83 (BUSSE RD)
SUE INVESTIGATION AND UNDERGROUND UTILITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-T5	COOK	191	69
CONTRACT NO. 60P14				
ILLINOIS FED. AID PROJECT				

PART OF THE SE 1/4 OF SEC. 22 AND THE NW 1/4 OF SEC. 26, ALL IN TWP. 41 N., R. 11 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

LEGEND



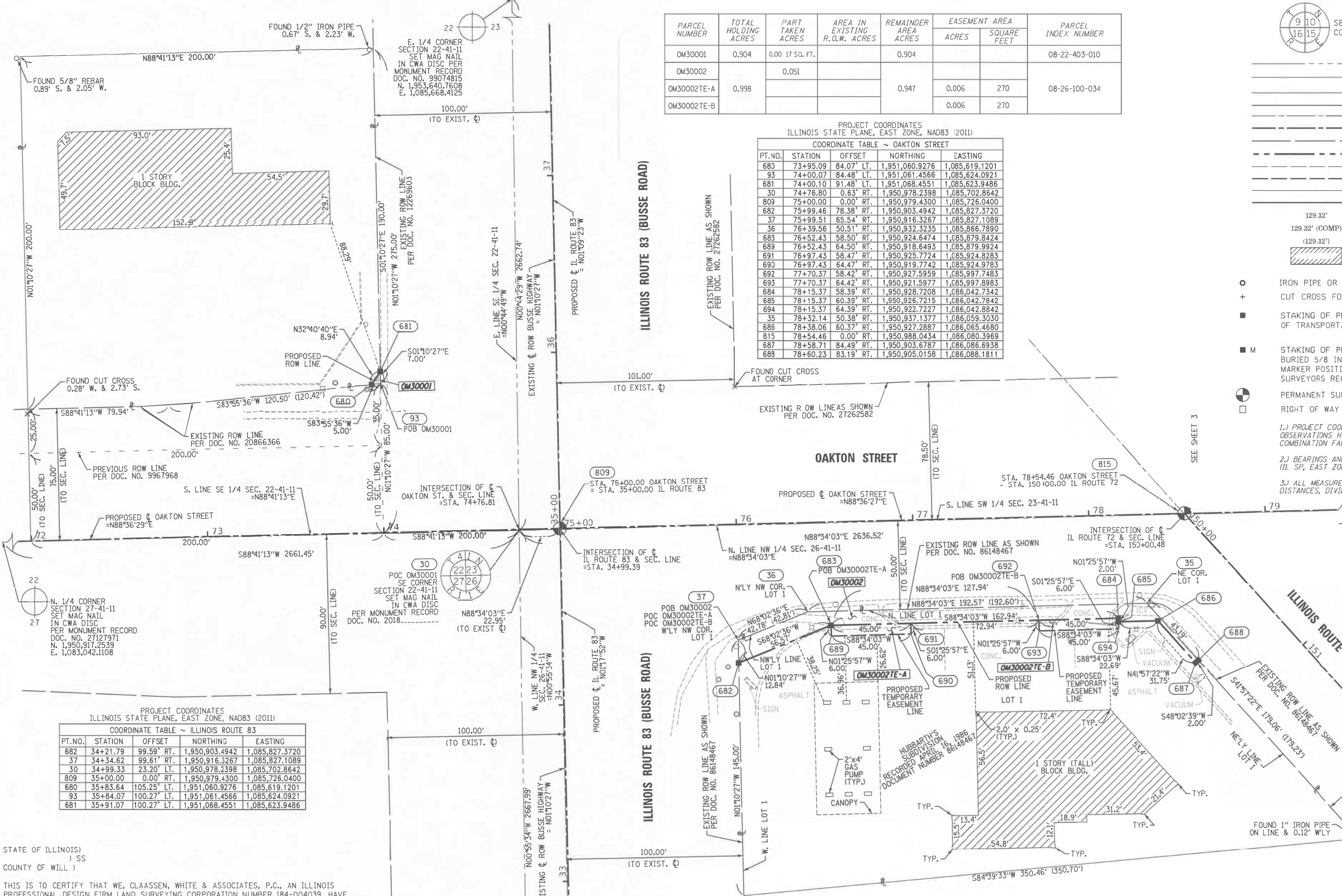
- SECTION / QUARTER SECTION LINE
PLATTED LOT LINES
PROPERTY (DEED) LINE
APPROPRIATE PROPERTY LINE
EXISTING CENTERLINE
PROPOSED CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
EXISTING ACCESS CONTROL LINE
PROPOSED ACCESS CONTROL LINE
MEASURED DIMENSION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

- IRON PIPE OR ROD FOUND
CUT CROSS FOUND OR SET
STAKING OF PROPOSED RIGHT OF WAY, PER ILLINOIS DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY MONUMENTATION REQUIREMENTS
STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101-02 (TO BE SET BY OTHERS)
RIGHT OF WAY STAKING PROPOSED TO BE SET

- 1.) PROJECT COORDINATES ARE ILLINOIS STATE PLANE, EAST ZONE, NAD83(2011) BASED ON GPS OBSERVATIONS HOLDING NGS CONTROL MONUMENT (AJ2823) (COO DUB3 3A), WITH A COMBINATION FACTOR OF 0.99995970.
2.) BEARINGS AND DISTANCES SHOWN HEREON ARE BASED ON GRID PROJECT COORDINATES. (IL SP, EAST ZONE, NAD83(2011) "GRID VALUES")
3.) ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.99995970.

PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	SQUARE FEET	PARCEL INDEX NUMBER
OM30001	0.904	0.00 17 SQ. FT.		0.904			08-22-403-010
OM30002		0.051					
OM30002TE-A	0.998			0.947	0.006	270	08-26-100-034
OM30002TE-B					0.006	270	

PROJECT COORDINATES ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)						
COORDINATE TABLE ~ OAKTON STREET						
PT.NO.	STATION	OFFSET	NORTHING	EASTING		
680	73+95.09	84.07' LT.	1,951,060.9276	1,085,619.1201		
93	74+00.07	84.48' LT.	1,951,061.4566	1,085,624.0921		
681	74+00.10	91.48' LT.	1,951,068.4551	1,085,623.9486		
30	74+76.80	0.63' RT.	1,950,978.2398	1,085,702.8642		
809	75+00.00	0.00' RT.	1,950,979.4300	1,085,726.0400		
682	75+99.46	78.38' RT.	1,950,903.4942	1,085,827.3720		
37	75+99.51	65.54' RT.	1,950,916.3267	1,085,827.1089		
36	76+39.56	50.51' RT.	1,950,932.3235	1,085,866.7890		
683	76+52.43	58.50' RT.	1,950,924.6474	1,085,879.8424		
689	76+52.43	64.50' RT.	1,950,918.6493	1,085,879.9924		
691	76+97.43	58.47' RT.	1,950,925.7724	1,085,924.8283		
690	76+97.43	64.47' RT.	1,950,919.7742	1,085,924.9783		
692	77+70.37	58.42' RT.	1,950,927.5959	1,085,997.7483		
693	77+70.37	64.42' RT.	1,950,921.5977	1,085,997.8983		
684	78+15.37	58.39' RT.	1,950,928.7208	1,086,042.7342		
685	78+15.37	60.39' RT.	1,950,926.7215	1,086,042.7842		
684	78+15.37	64.39' RT.	1,950,922.7227	1,086,042.8842		
35	78+32.14	50.38' RT.	1,950,937.1377	1,086,059.3030		
686	78+38.06	60.37' RT.	1,950,927.2887	1,086,065.4680		
815	78+54.46	0.00' RT.	1,950,988.0434	1,086,080.3969		
687	78+58.71	84.49' RT.	1,950,903.6787	1,086,086.6938		
688	78+60.23	83.19' RT.	1,950,905.0158	1,086,088.1811		



PROJECT COORDINATES ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)						
COORDINATE TABLE ~ ILLINOIS ROUTE 83						
PT.NO.	STATION	OFFSET	NORTHING	EASTING		
682	34+21.79	99.59' RT.	1,950,903.4942	1,085,827.3720		
37	34+34.62	99.61' RT.	1,950,916.3267	1,085,827.1089		
30	34+99.33	23.20' LT.	1,950,978.2398	1,085,702.8642		
809	35+00.00	0.00' RT.	1,950,979.4300	1,085,726.0400		
680	35+83.64	105.25' LT.	1,951,060.9276	1,085,619.1201		
93	35+84.07	100.27' LT.	1,951,061.4566	1,085,624.0921		
681	35+91.07	100.27' LT.	1,951,068.4551	1,085,623.9486		

PROJECT COORDINATES ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)						
COORDINATE TABLE ~ ILLINOIS ROUTE 72						
PT.NO.	STATION	OFFSET	NORTHING	EASTING		
815	150+00.00	0.00' RT.	1,950,988.0434	1,086,080.3969		
35	150+23.73	49.73' RT.	1,950,937.1377	1,086,059.3030		
686	150+35.18	51.73' RT.	1,950,927.2887	1,086,065.4680		
688	150+66.93	49.75' RT.	1,950,905.0158	1,086,088.1811		
687	150+66.93	51.75' RT.	1,950,903.6787	1,086,086.6938		

STATE OF ILLINOIS)
COUNTY OF WILL)
THIS IS TO CERTIFY THAT WE, CLAASSEN, WHITE & ASSOCIATES, P.C., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION NUMBER 184-004039, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 22 AND 26, TOWNSHIP 41 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.
DATED AT JOLIET, ILLINOIS THIS ____ DAY OF _____, 2018 A.D.

DAVID A. CLAASSEN
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002962
LICENSE EXPIRES NOVEMBER 30, 2020
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

CLAASSEN, WHITE & ASSOCIATES, P.C.
LAND SURVEYORS
121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431
(815) 744-3720 cwa@claassenwhite.com
CWA Job #6748

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DIVISION OF TRANSPORTATION
IL 72 / IL 83
LIMITS: FROM IL72 (W. JCT) TO IL72 (E. JCT) AND AT IL83
SECTION: STA. 72+00 TO STA. 79+25
SCALE: 1" = 30'
SHEET 2 OF 4 SHEETS
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

IDOT USE ONLY
RECEIVED
JUN 26 2019
PLATS & LEGALS

REVISION DATE: / / REVISION MADE BY:

PART OF THE SW 1/4 OF SEC. 23, IN TWP. 41 N., R. 11 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

LEGEND



SECTION
CORNER



16 15

QUARTER
SECTION
CORNER



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

PROJECT COORDINATES						
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)						
COORDINATE TABLE ~ OAKTON STREET						
PT.NO.	STATION	OFFSET		NORTHING	EASTING	
30	74+76.80	0.63 RT.		1,950,978.2398	1,085,702.8642	
809	75+00.00	0.00 RT.		1,950,979.4300	1,085,726.0040	
58	78+53.34	78.14 LT.		1,950,966.1299	1,086,077.3786	
815	78+54.46	0.00 RT.		1,950,988.0434	1,086,080.3969	
695	78+60.31	69.94 LT.		1,951,058.1064	1,086,084.5240	
57	78+64.81	64.64 LT.		1,951,052.9206	1,086,089.1720	
697	80+00.01	64.74 LT.		1,951,056.3004	1,086,224.3823	
696	80+00.01	70.04 LT.		1,951,061.5988	1,086,224.1958	
699	80+78.26	89.79 LT.		1,951,083.2492	1,086,301.9458	
698	80+78.28	64.79 LT.		1,951,058.2570	1,086,302.3738	
700	81+18.26	89.82 LT.		1,951,084.2492	1,086,341.9303	
701	81+18.28	64.82 LT.		1,951,059.2570	1,086,342.5583	
702	81+73.88	64.86 LT.		1,951,060.6471	1,086,398.1454	
703	81+89.30	83.32 LT.		1,951,079.4676	1,086,413.1021	
56	82+07.02	64.88 LT.		1,951,061.4755	1,086,431.2782	

PROJECT COORDINATES ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)				
COORDINATE TABLE ~ ILLINOIS ROUTE 83				
PT.NO.	STATION	OFFSET	NORTHING	EASTING
30	34+99.33	23.20' LT.	1,950,978.2398	1,085,702.864
809	35+00.00	0.00' RT.	1,950,979.4300	1,085,726.040

W. 1/4 CORNER
SECTION 23-41-11
SET MAG NAIL IN CWA DISC
PER MONUMENT RECORD
DOC. NO. 99074815
N. 1,953,640.7608
E. 1,085,668.4125

PRINTING DATE: NOVEMBER 7, 2018 JMH /Microstation SS4/6748 SHI3.dgn

SEE SHEET 2

STATE OF ILLINOIS)
COUNTY OF WILL)

THIS IS TO CERTIFY THAT WE, CLAASSEN, WHITE & ASSOCIATES, P.C., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION NUMBER 184-040439, HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREIN IN SECTION 23, TOWNSHIP 41 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS _____ DAY OF _____, 2018 A.D.

DAVID A. CLAASSEN
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002962
LICENSE EXPIRES NOVEMBER 30, 2020
THIS PROFESSIONAL SERVICE CONFORMS TO THE
CURRENT ILLINOIS MINIMUM STANDARDS FOR A
BOUNDARY SURVEY.

ILLINOIS ROUTE 83 (BUSSE ROAD)

OAKTON STREET

ILLINOIS ROUTE 4
(HIGGINS ROAD)

PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
0M30003	2.139	0.017		2.122			08-23-300-043
0M30003PE					0.007	306	
0M30003TE					0.023	1000	

REVISION DATE: / / REVISION MADE BY:

○	IRON PIPE OR ROD FOUND	⊕	*MAG* NAIL SET
+	CUT CROSS FOUND OR SET	●	5/8" REBAR SET
■	STAKING OF PROPOSED RIGHT OF WAY. PER ILLINOIS DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY MONUMENTATION REQUIREMENTS		
■ M	STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.		
⊙	PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101-02 (TO BE SET BY OTHERS)		
□	RIGHT OF WAY STAKING PROPOSED TO BE SET		

1.) PROJECT COORDINATES ARE ILLINOIS STATE PLANE, EAST ZONE, NAD83(2011) BASED ON GPS OBSERVATIONS HOLDING NGS CONTROL MONUMENT (AJ2823) (COO DUP83 3A), WITH A COMBINATION FACTOR OF 0.99995970.

2.) BEARINGS AND DISTANCES SHOWN HEREON ARE BASED ON GRID PROJECT COORDINATES. (IL SP, EAST ZONE, NAD83(2011) "GRID VALUES")

3.) ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND".
TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION
FACTOR OF 0.99995970.



CLAASSEN, WHITE & ASSOCIATES, P.C.
LAND SURVEYORS
121 AIRPORT DRIVE, UNIT I, JOLIET, ILLINOIS 60431
(815) 744-3720 clausenwhite@cwasurvey.com
CWA Job #6748

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DIVISION OF TRANSPORTATION
IL 72 / IL 83

LIMITS: FROM IL72 (W. JCT) TO IL72 (E. JCT) AND AT IL83
SECTION:
STA. 74+00 TO STA. 82+25
SCALE: 1" = 30'

COUNTY: COOK
JOB NO.: R-90-010-16
SHEET 3 OF 4 SHEETS

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

IDOT USE ONLY

RECEIVED

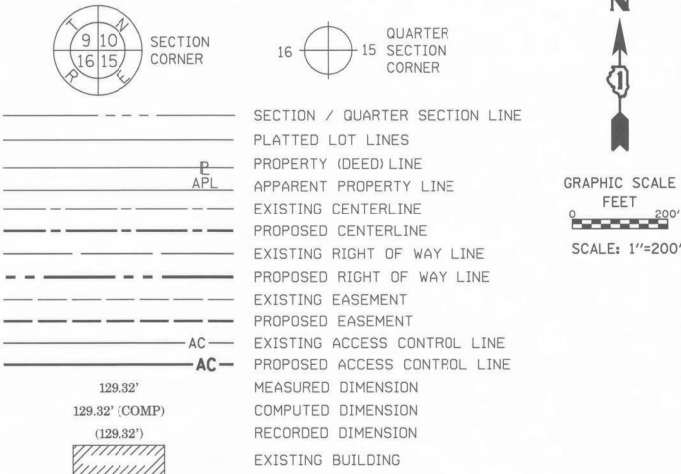
NOV 07 2018

PLATS & LEGALS

TOTAL SHEETS 191 SHEET NO. 71

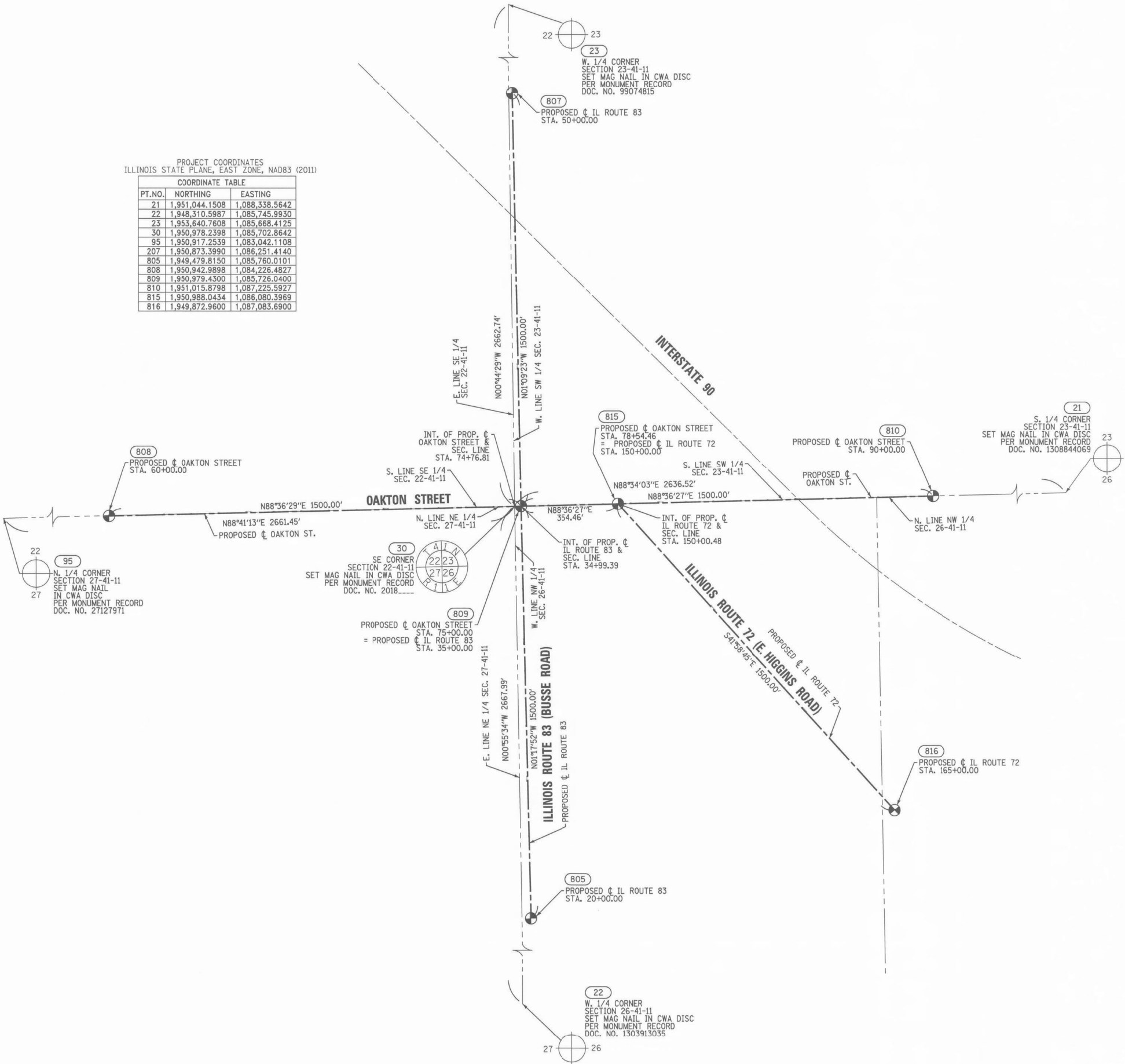
PART OF SECTIONS 22, 23 AND 26, ALL IN TWP. 41 N., R. 11 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

LEGEND



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

PT.NO.	NORTHING	EASTING
21	1,951,044.1508	1,088,338.5642
22	1,948,310.5987	1,085,745.9930
23	1,953,640.7608	1,085,668.4125
30	1,950,978.2398	1,085,702.8642
95	1,950,917.2539	1,083,042.1108
207	1,950,873.3990	1,086,251.4140
805	1,949,479.8150	1,085,760.0101
808	1,950,942.9898	1,084,226.4827
809	1,950,979.4300	1,085,726.0400
810	1,951,015.8798	1,087,225.5927
815	1,950,988.0434	1,086,080.3969
816	1,949,872.9600	1,087,083.6900



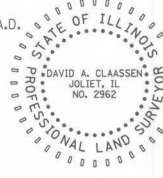
- 1.) PROJECT COORDINATES ARE ILLINOIS STATE PLANE, EAST ZONE, NAD83(2011) BASED ON GPS OBSERVATIONS HOLDING NGS CONTROL MONUMENT (AJ2823) (COO DUP83 3A), WITH A COMBINATION FACTOR OF 0.99995970.
- 2.) BEARINGS AND DISTANCES SHOWN HEREON ARE BASED ON GRID PROJECT COORDINATES. (IL SP, EAST ZONE, NAD83(2011) "GRID VALUES")
- 3.) ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.99995970.

STATE OF ILLINOIS)
COUNTY OF WILL)

THIS IS TO CERTIFY THAT WE, CLAASSEN, WHITE & ASSOCIATES, P.C., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION NUMBER 184-004039, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 22, 23 AND 26, TOWNSHIP 41 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS ____ DAY OF _____, 2018 A.D.

DAVID A. CLAASSEN
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002962
LICENSE EXPIRES NOVEMBER 30, 2020
THIS PROFESSIONAL SERVICE CONFORMS TO THE
CURRENT ILLINOIS MINIMUM STANDARDS FOR A
BOUNDARY SURVEY.



CLAASSEN, WHITE & ASSOCIATES, P.C.
LAND SURVEYORS
121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431
(815) 744-3720 claassenwhite@cwawhite.com
CWA Job #6748

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DIVISION OF TRANSPORTATION
IL 72 / IL 83

LIMITS: FROM IL72 (W. JCT) TO IL72 (E. JCT) AND AT IL83
COUNTY: COOK
SECTION: 22, 23, 26
JOB NO.: R-90-010-16
SCALE: 1" = 200'

IDOT USE ONLY

RECEIVED
NOV 07 2018

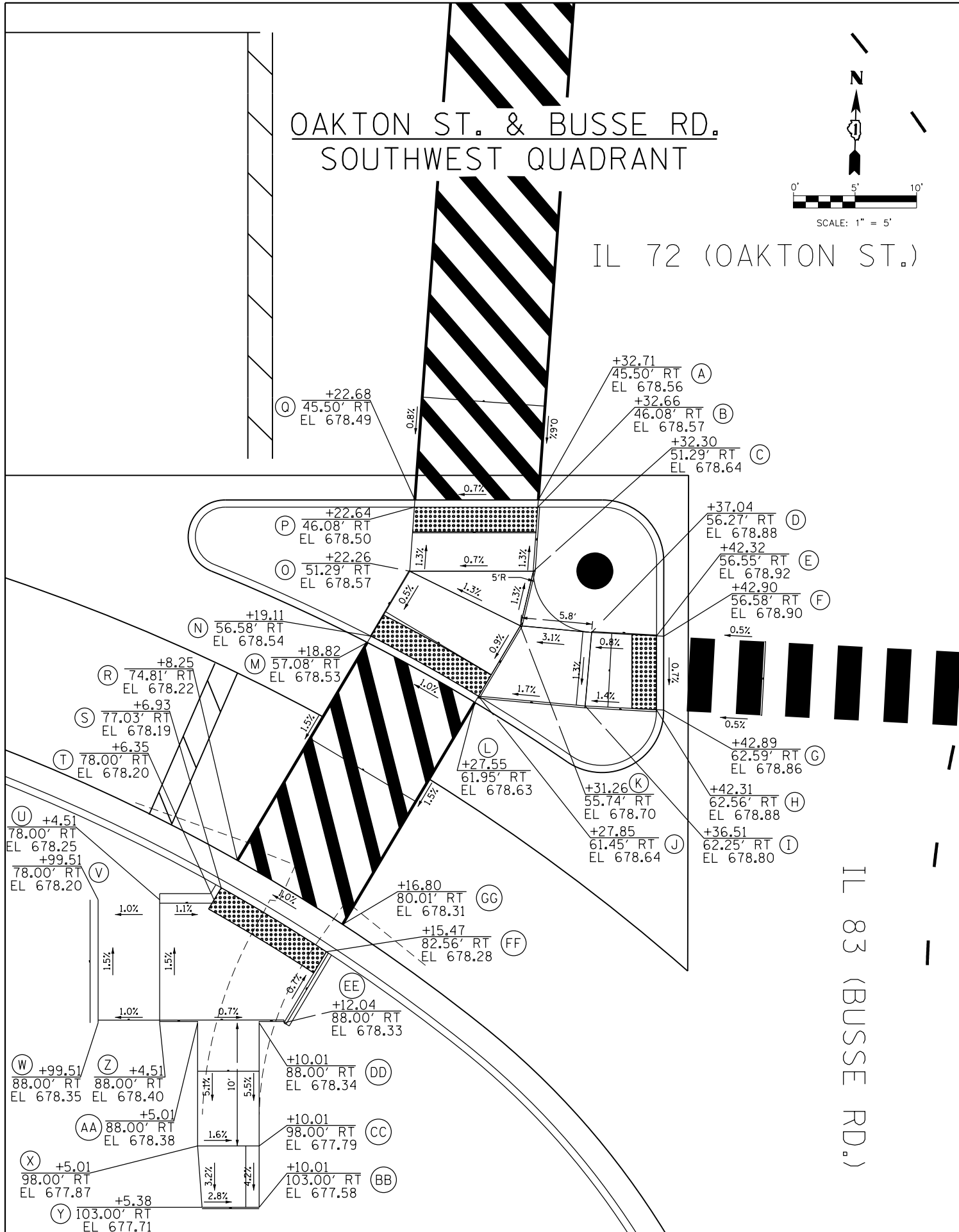
PLATS & LEGALS

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

REVISION DATE: / / REVISION MADE BY:

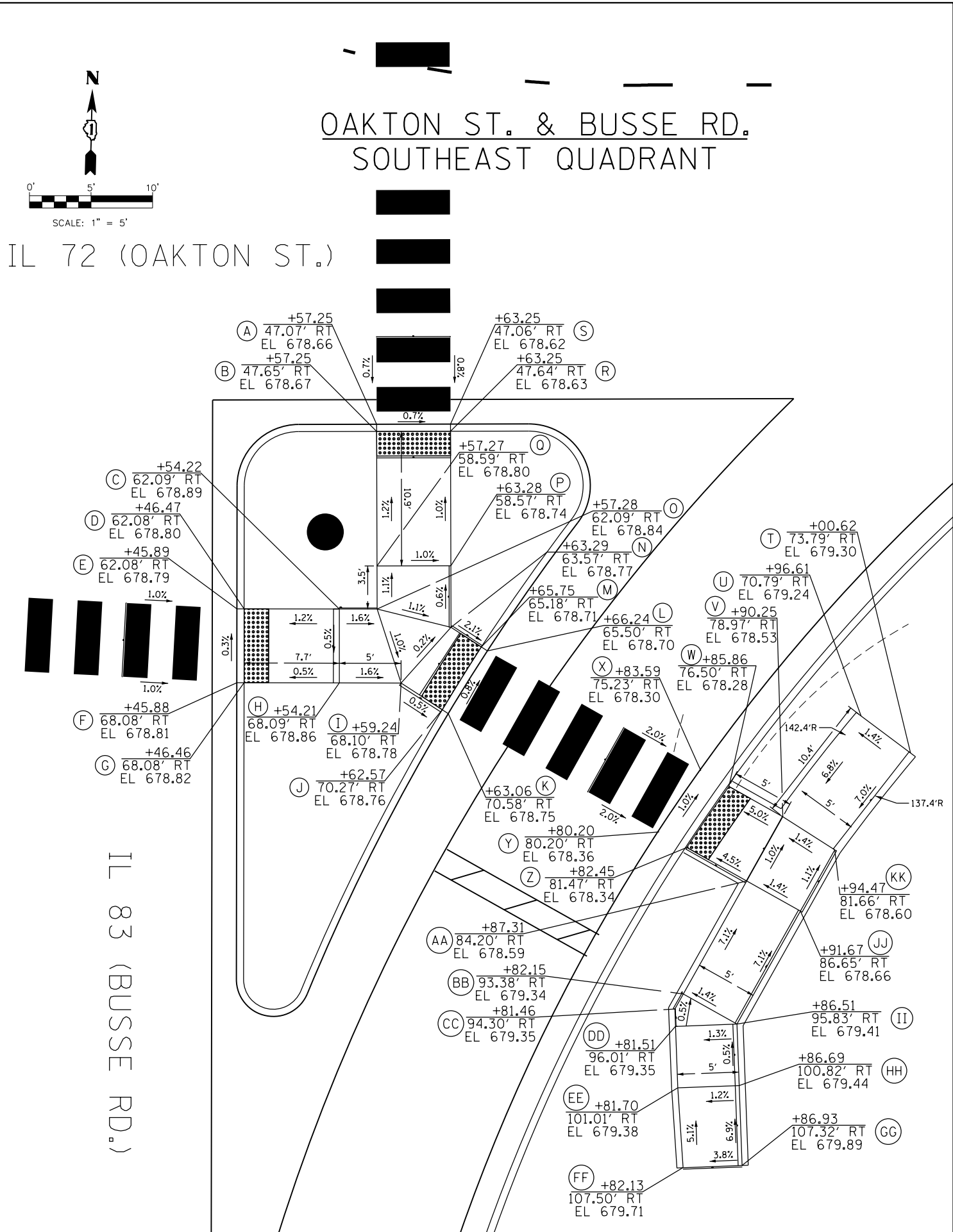
PLAN	DATE
SURVEYED	BY
NOTED	BY
CHECKED	BY
FILED	BY
NO.	NO.

PROFILE	DATE
SURVEYED	BY
NOTED	BY
CHECKED	BY
FILED	BY
NO.	NO.



	USER NAME = Bilgramis	DESIGNED - TWR	REVISED - 1/15/2016
	PLOT CONFIG = \$PLTDRVS\$	DRAWN - TWR	REVISED - 8/30/2016
	PLOT SCALE = \$SCALES\$	CHECKED - JJC	REVISED -
	PLOT DATE = 6/26/2020 9:29:16 AM	DATE - 2/2/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



	USER NAME = Bilgramis	DESIGNED - TWR	REVISED - 1/15/2016
	PLOT CONFIG = \$PLTDRVS\$	DRAWN - TWR	REVISED - 8/30/2016
	PLOT SCALE = \$SCALES\$	CHECKED - JJC	REVISED -
	PLOT DATE = 6/26/2020 9:29:16 AM	DATE - 2/2/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

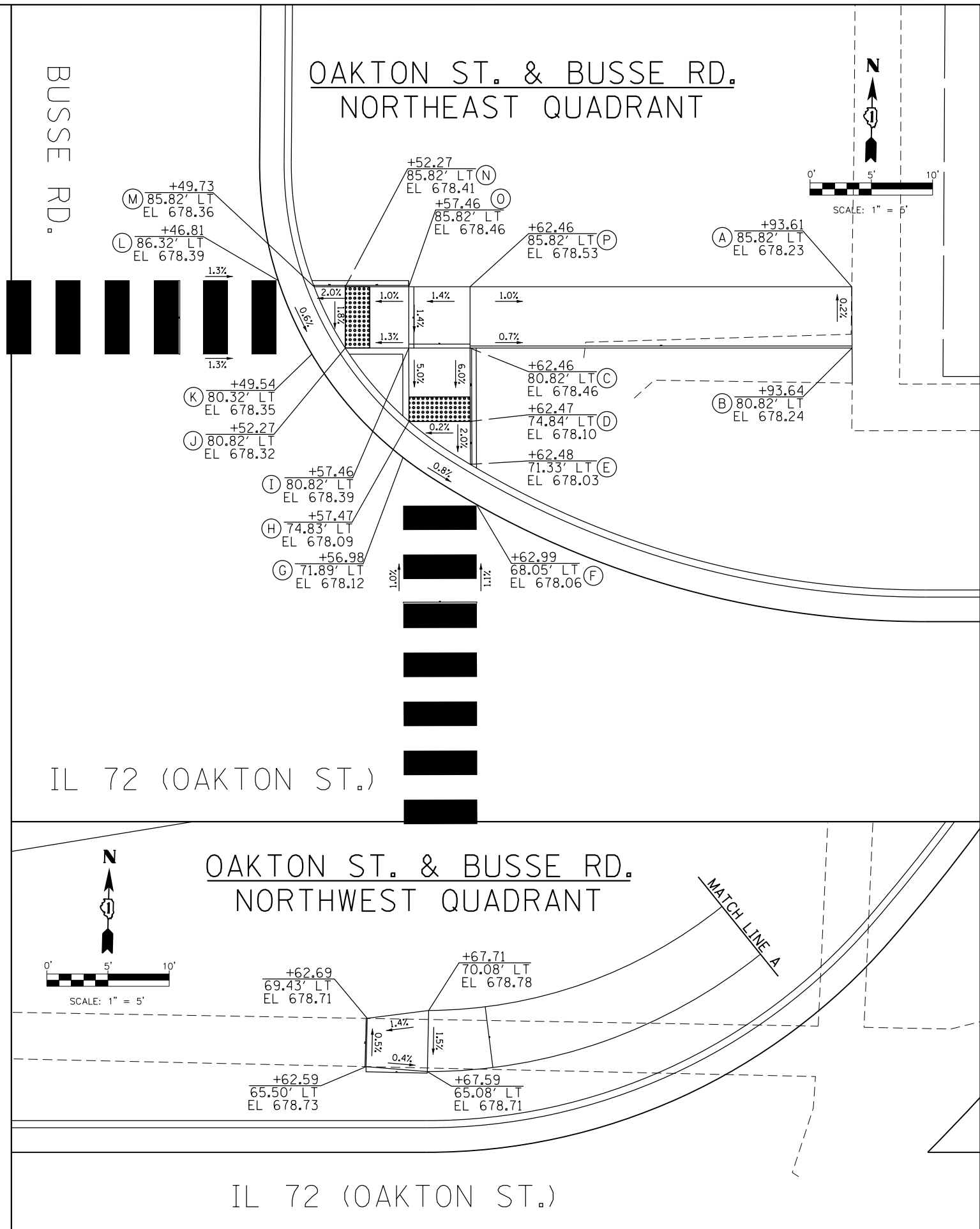
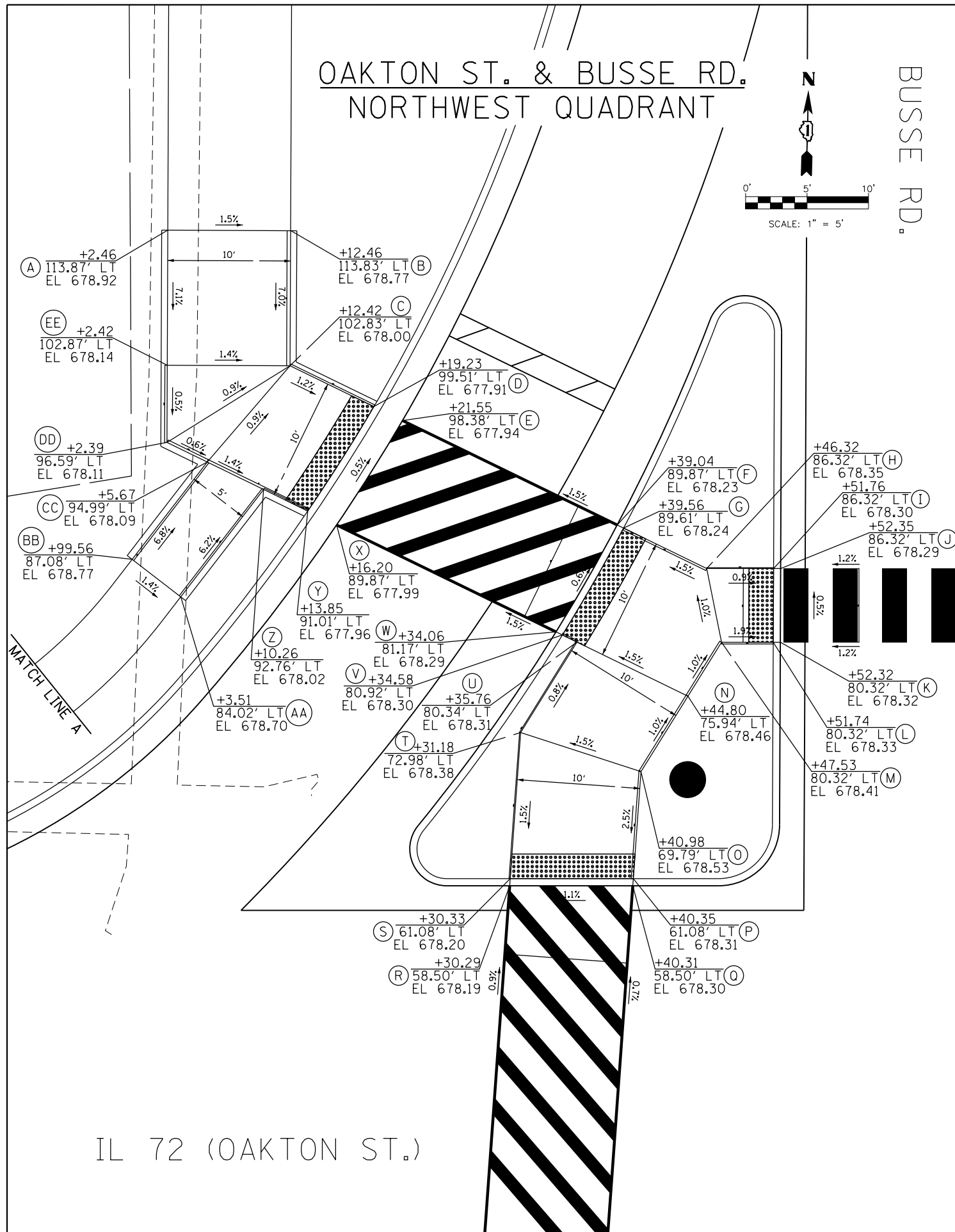
IL 72 (HIGGINS RD) AT IL 83 (BUSSE RD)
ADA DETAIL

SCALE: 1"=5' SHEET NO. 1 OF 3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-TS	COOK	191	73
CONTRACT NO. 60P14				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
NOTE BOOK	ALIGNED		
NO.	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	GRADES CHECKED		
NO.	STRUCTURE NOTATIONS CHKD		

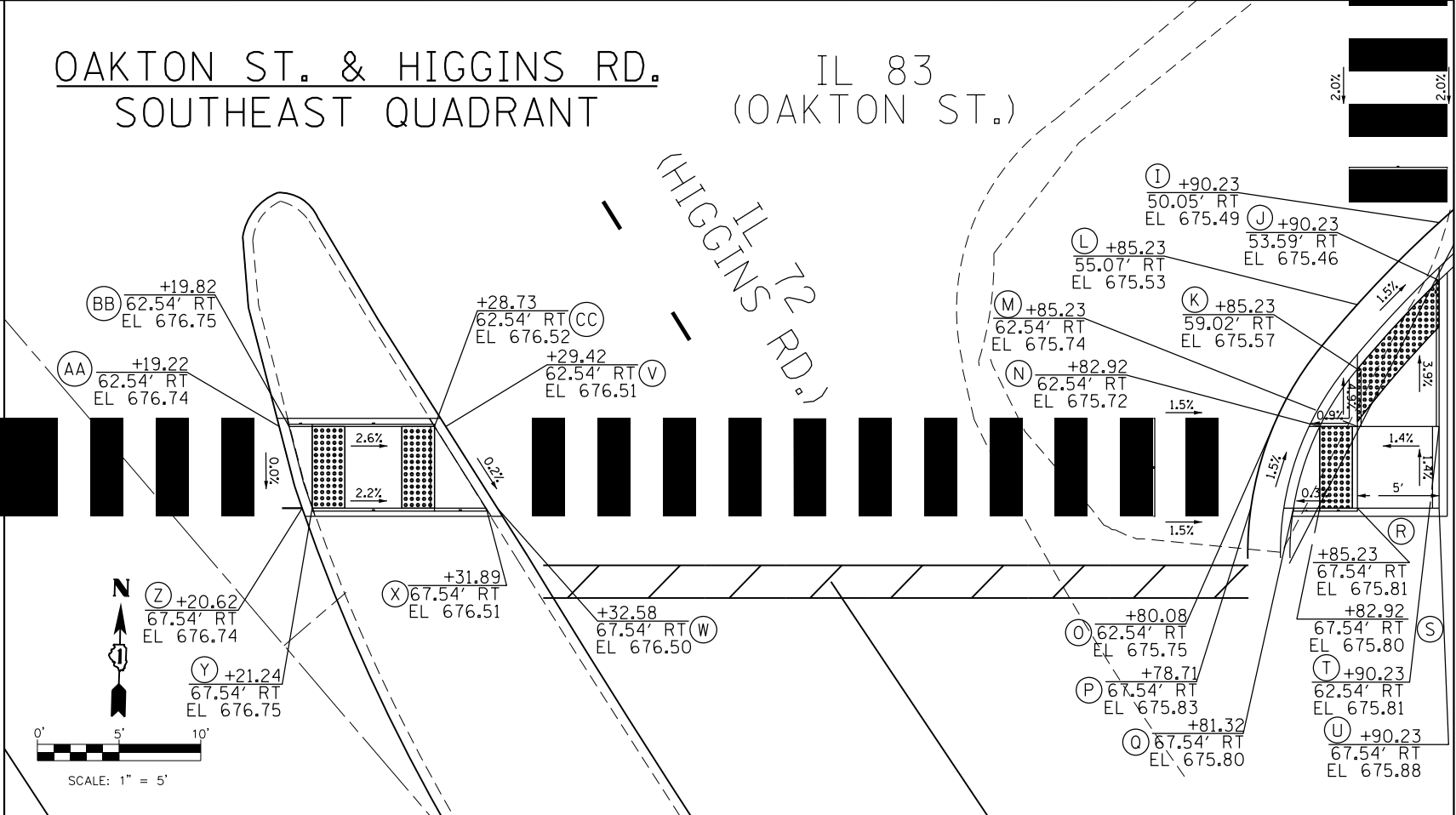
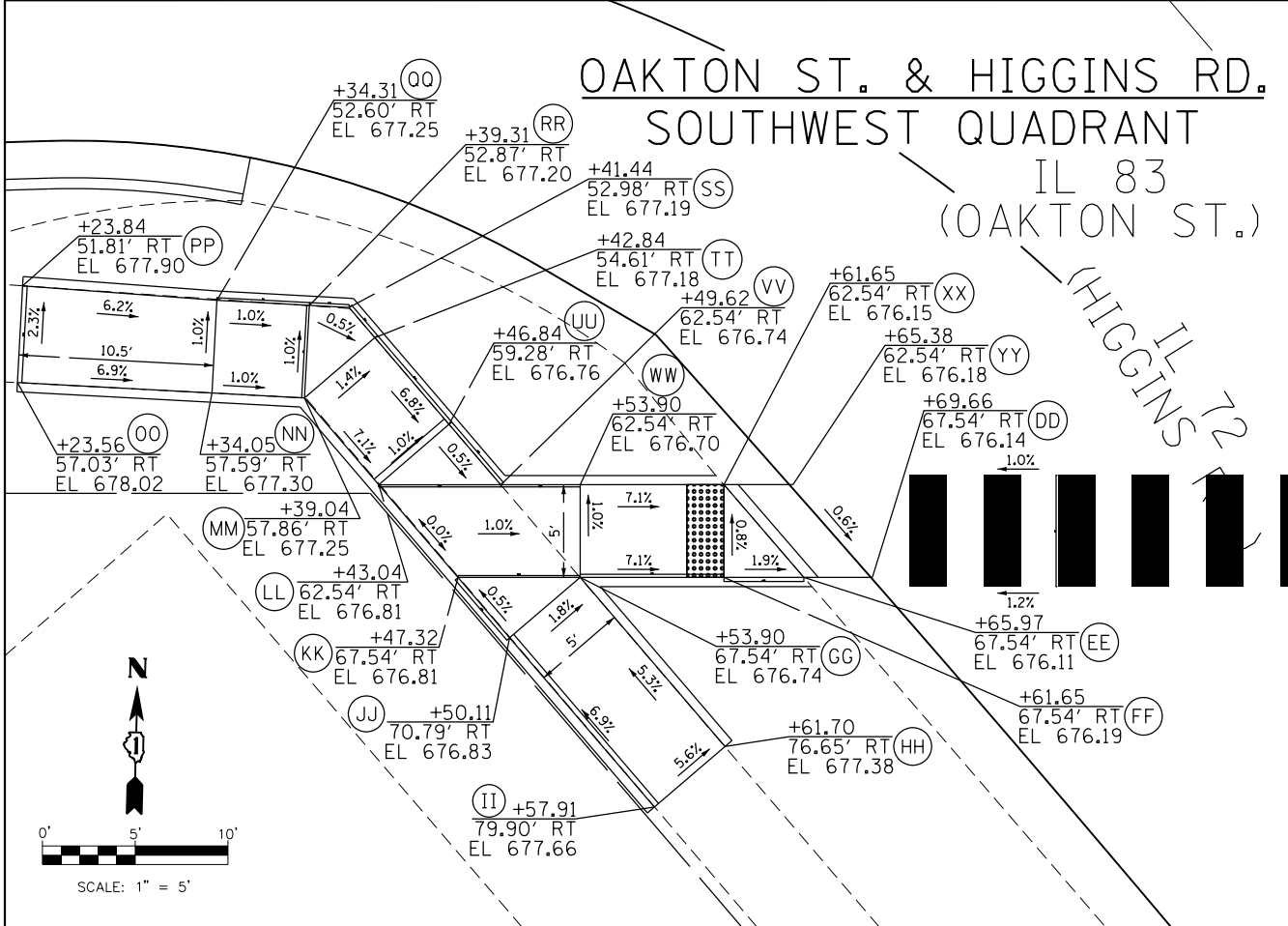
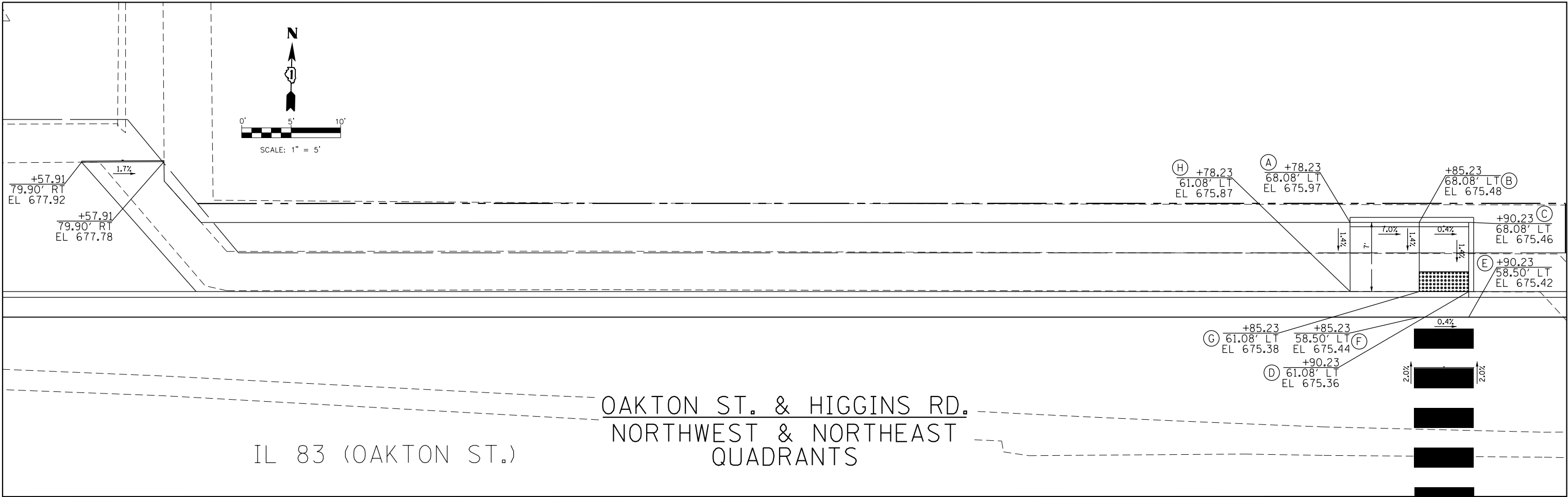


	PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = Bilgramisa PLOT CONFIG = \$PLTDRVS\$ PLOT SCALE = \$SCALES\$ PLOT DATE = 6/26/2020 9:29:17 AM	DESIGNED - TWR DRAWN - TWR CHECKED - JJC DATE - 2/2/2015	REVISED - 1/15/2016 REVISED - 8/30/2016 REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 72 (HIGGINS RD) AT IL 83 (BUSSE RD) ADA DETAIL	SCALE: 1"=5'	SHEET NO. 2 OF 3	F.A.P. RTE. 341 SECTION 2011-019-TS COUNTY COOK TOTAL SHEETS 191 SHEET NO. 74 CONTRACT NO. 60P14 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

c:\pwork\pwork\bilgramisa\0360820\0142611-sht-ada.dgn

PLAN	DATE	BY
SURVEYED		
NOTED		
ALIGNED		
CHECKED		
FILED		
NO.		

PROFILE	DATE	BY
SURVEYED		
NOTED		
ALIGNED		
CHECKED		
FILED		
NO.		

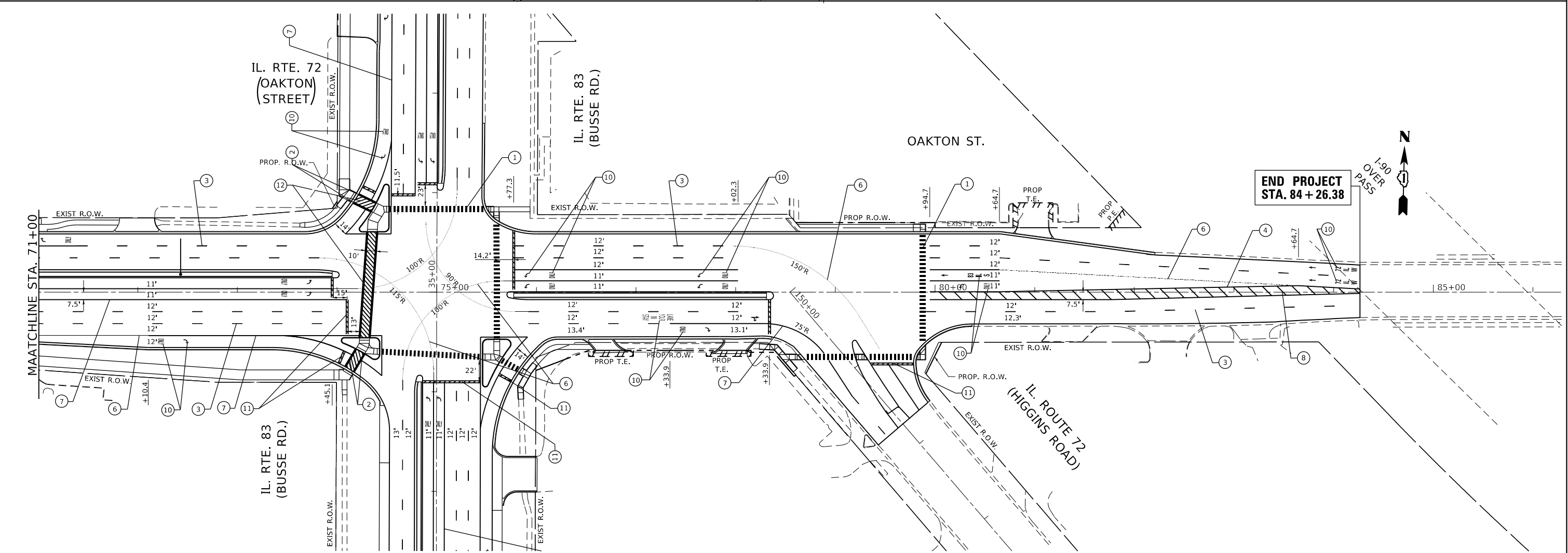
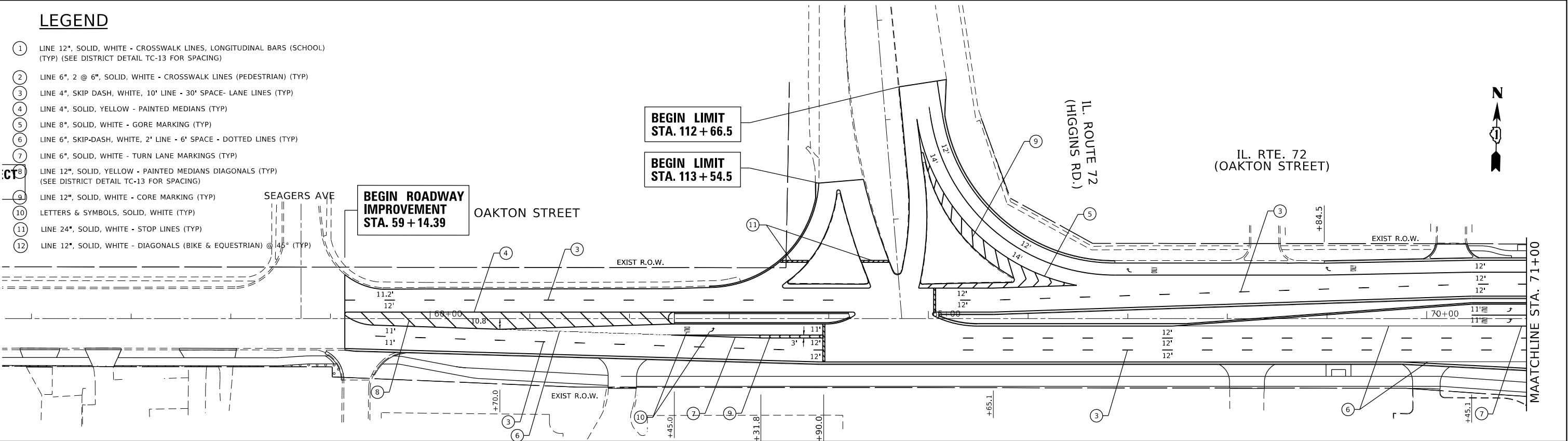


	PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = Bilgramis	DESIGNED - TWR	REVISED - 1/15/2016	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 72 (HIGGINS RD) AT IL 83 (OAKTON ST)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT CONFIG = *PLTDRVS*		DRAWN - TWR	REVISED - 8/30/2016		ADA DETAIL		341	2011-019-T5	COOK	191	75
	PLOT SCALE = *SCALESHPRT*		CHECKED - JJC	REVISED -				CONTRACT NO. 60P14				
	PLOT DATE = 6/26/2020 9:29:18 AM		DATE - 2/2/2015	REVISED -				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

c:\p\work\p\dot\bilgramis\0360820\P142611-sht-ada.dgn

LEGEND

- 1
- LINE 12", SOLID, WHITE - CROSSWALK LINES, LONGITUDINAL BARS (SCHOOL) (TYP) (SEE DISTRICT DETAIL TC-13 FOR SPACING)
- 2
- LINE 6", 2 @ 6", SOLID, WHITE - CROSSWALK LINES (PEDESTRIAN) (TYP)
- 3
- LINE 4", SKIP DASH, WHITE, 10' LINE - 30' SPACE- LANE LINES (TYP)
- 4
- LINE 4", SOLID, YELLOW - PAINTED MEDIANS (TYP)
- 5
- LINE 8", SOLID, WHITE - GORE MARKING (TYP)
- 6
- LINE 6", SKIP-DASH, WHITE, 2' LINE - 6' SPACE - DOTTED LINES (TYP)
- 7
- LINE 6", SOLID, WHITE - TURN LANE MARKINGS (TYP)
- 8
- LINE 12", SOLID, YELLOW - PAINTED MEDIANS DIAGONALS (TYP) (SEE DISTRICT DETAIL TC-13 FOR SPACING)
- 9
- LINE 12", SOLID, WHITE - CORE MARKING (TYP)
- 10
- LETTERS & SYMBOLS, SOLID, WHITE (TYP)
- 11
- LINE 24", SOLID, WHITE - STOP LINES (TYP)
- 12
- LINE 12", SOLID, WHITE - DIAGONALS (BIKE & EQUESTRIAN) @ 45° (TYP)



MODEL: Default
FILE: \\netc12-prod\planroom\adall\links\gov\RWIDOT\Documents\DOT_Offices\District_1\Projects\SP142611\COADDATA\CDR\heestSP142611-shp-pmk.dgn

USER NAME = bilgramisa	DESIGNED -	REVISED -
DRAWN	REVIS	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/26/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PAVEMENT MARKING PLANS IL. ROUTE 72/IL. ROUTE 83 (IL. ROUTE 72(N) – IL. ROUTE 72(S) INCLUDING IL. ROUTE 83(S))			
SCALE: 1"=50'	SHEET	OF SHEETS	STA. TO STA.

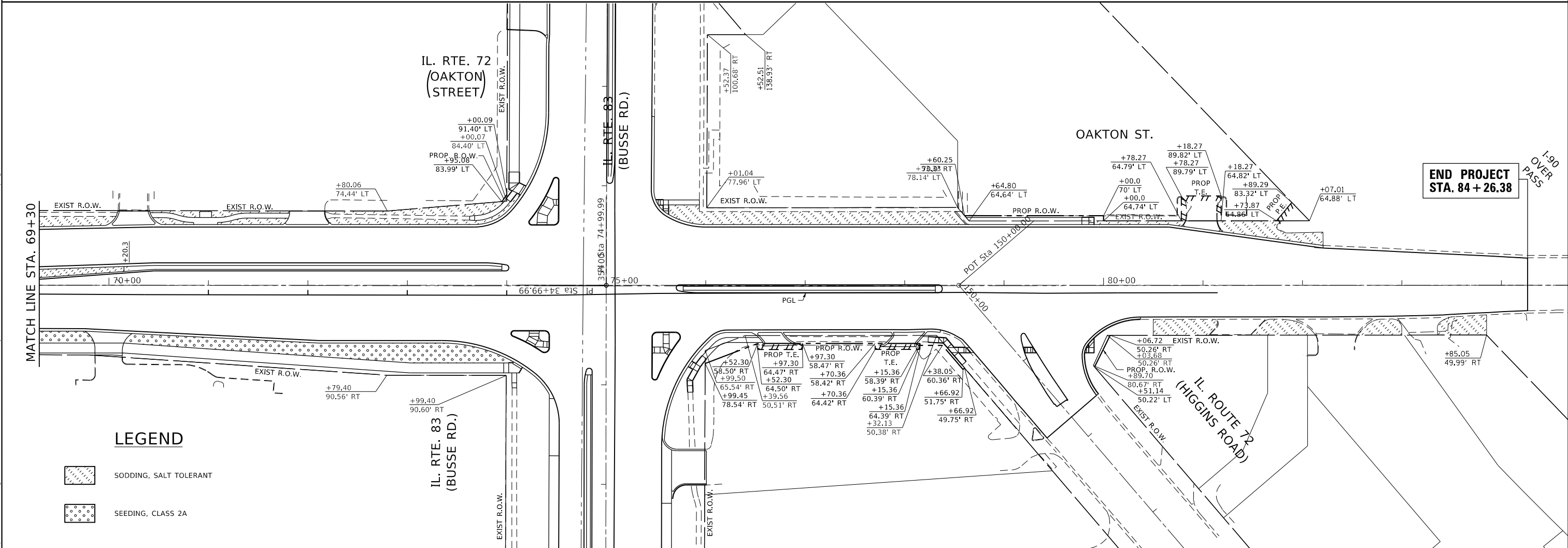
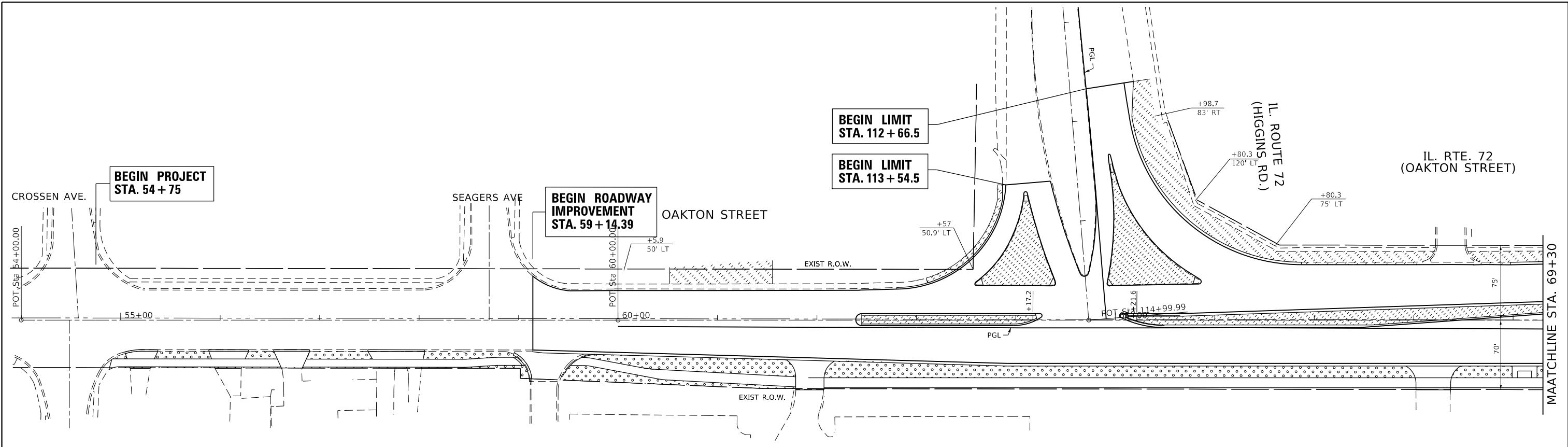
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-T5	COOK	191	76
CONTRACT NO. 60P14				
ILLINOIS		FED. AID PROJECT		



①	LINE 12", SOLID, WHITE - CROSSWALK LINES, LONGITUDINAL BARS (SCHOOL) (TYP) (SEE DISTRICT DETAIL TC-13 FOR SPACING)
②	LINE 6", 2 @ 6", SOLID, WHITE - CROSSWALK LINES (PEDESTRIAN) (TYP)
③	LINE 4", SKIP DASH, WHITE, 10' LINE - 30' SPACE- LANE LINES (TYP)
④	LINE 4", SOLID, YELLOW - PAINTED MEDIANS (TYP)
⑤	LINE 8", SOLID, WHITE - GORE MARKING (TYP)
⑥	LINE 6", SKIP-DASH, WHITE, 2' LINE - 6' SPACE - DOTTED LINES (TYP)
⑦	LINE 6", SOLID, WHITE - TURN LANE MARKINGS (TYP)
⑧	LINE 12", SOLID, YELLOW - PAINTED MEDIANS DIAGONALS (TYP) (SEE DISTRICT DETAIL TC-13 FOR SPACING)
⑨	LINE 12", SOLID, WHITE - CORE MARKING (TYP)
⑩	LETTERS & SYMBOLS, SOLID, WHITE (TYP)
⑪	LINE 24", SOLID, WHITE - STOP LINES (TYP)
⑫	LINE 12", SOLID, WHITE - DIAGONALS (BIKE & EQUESTRIAN) @ 45° (TYP)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-T5	COOK	191	77
		CONTRACT NO. 60P14		
ILLINOIS		FED. AID PROJECT		

MODEL: Default
FILE: \\nrtia-prod\planroom\dotall\links\gov\p\WIDOT\Documents\DOT_Offices\District_1\Projects\142611\CAD\data\CD\cheets\142611-shr-landscp.dgn



LEGEND

-  SODDING, SALT TOLERANT
-  SEEDING, CLASS 2A

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

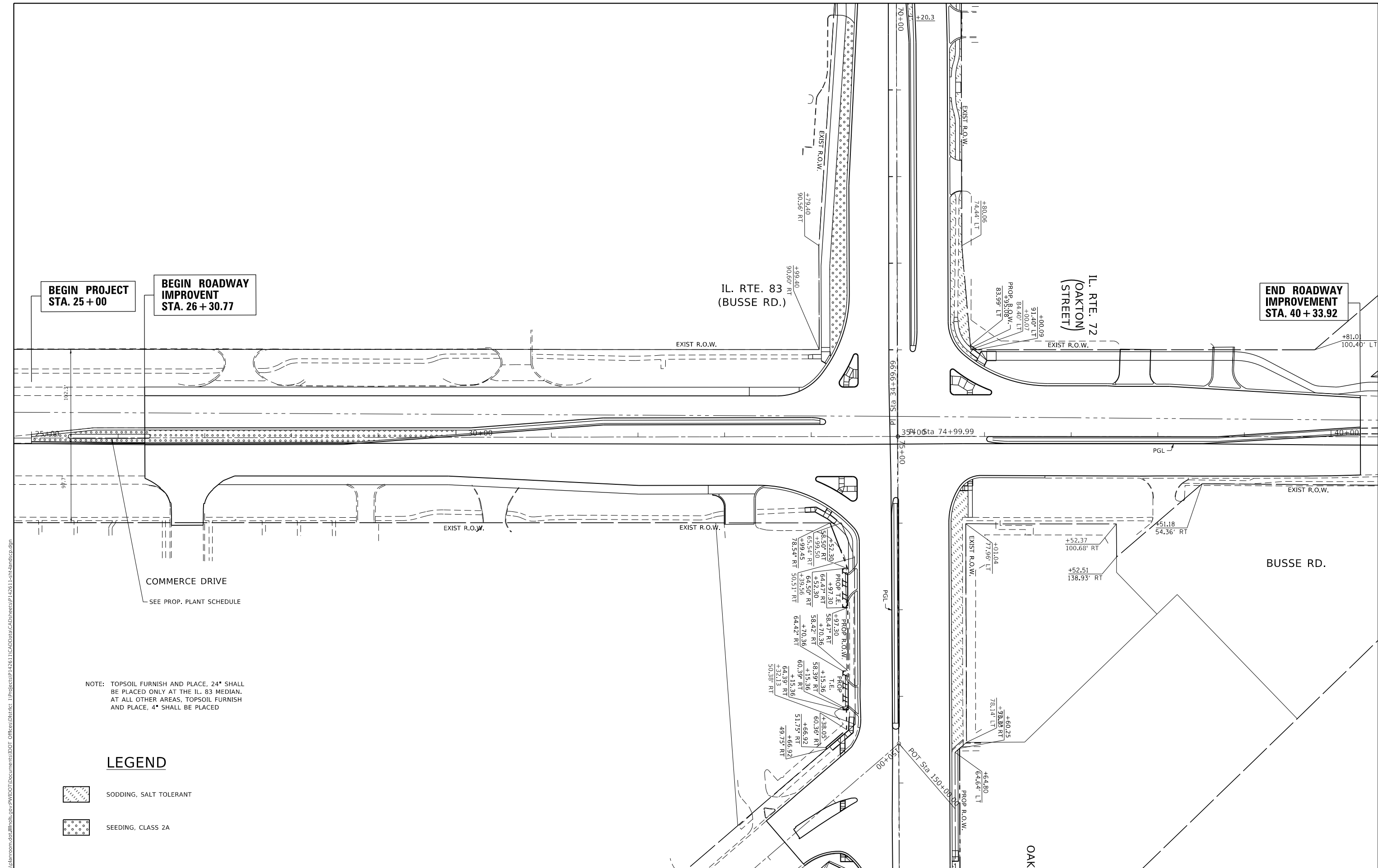
LANDSCAPING PLANS
IL. ROUTE 72/IL. ROUTE 83 (IL. ROUTE 72(N) – IL. ROUTE 72(S)
INCLUDING IL. ROUTE 83(S))

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-T5	COOK	191	78
CONTRACT NO. 60P14				
ILLINOIS FED. AID PROJECT				

USER NAME = bilgramisa	DESIGNED -	REVISED -
PLOT SCALE = 100,0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 6/26/2020	CHECKED -	REVISED -
	DATE -	REVISED -

MODEL: Default
FILE: \\nrtwpc-prod\planroom\dot\illinois\gov\p\WIDOT\Documents\IDOT_Offices\District 1\Projects\142611\CAD\data\CAD\sheet\142611-eh-landscap.dgn



LEGEND



SODDING, SALT TOLERANT



SEEDING, CLASS 2A

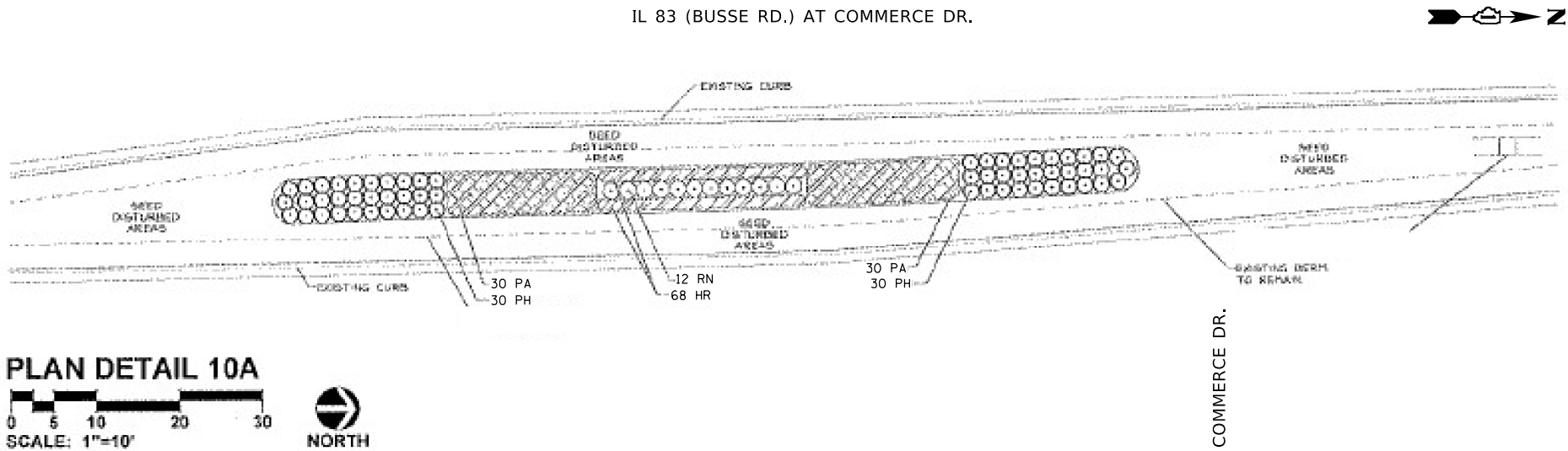
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLANS
IL. ROUTE 72/IL. ROUTE 83 (IL. ROUTE 72(N) – IL. ROUTE 72(S)
INCLUDING IL. ROUTE 83(S))

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-T5	COOK	191	79
CONTRACT NO. 60P14				
ILLINOIS		FED. AID PROJECT		

PROPOSED PLANT SCHEDULE					
IL 83 (BUSSE ROAD) MEDIAN - STA. 25+48 TO STA. 26+52					
KEY	PAY ITEM	DESCRIPTION	COMMON NAME	QUANTITY	UNIT
RN	C2008218	SHRUB, ROSA NEARLY WILD (NEARLY WILD SHRUB ROSE), 18" HEIGHT, CONTAINER	NEARLY WILD ROSE	12	EACH
HR	K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	ROSY RETURNS DAYLILY	0.68	UNIT
PH	K0012993	PERENNIAL PLANTS, ORNAMENTAL TYPE, 3-GALLON POT	DWARF FOUNTAIN GRASS	0.6	UNIT
PA	K0012993	PERENNIAL PLANTS, ORNAMENTAL TYPE, 3-GALLON POT	RUSSIAN SAGE	0.6	UNIT

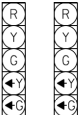
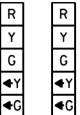
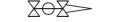


MODEL: Default
FILE: \\netapp\proj\planroom\dat\il83\busse\p142611\CAD\data\Design\p142611-shr-schedule.dgn

	USER NAME = Bilgramisa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 83 (BUSSE RD) PROPOSED PLANT SCHEDULE AND PLAN					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -							341	2011-019-TS	COOK	191	80
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -							CONTRACT NO. 60P14				
	PLOT DATE = 6/26/2020	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS		FED. AID PROJECT

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

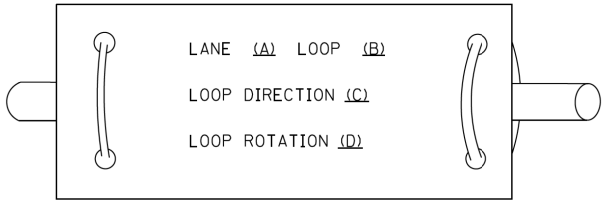
ITEM				ITEM				ITEM			
EXISTING		PROPOSED		EXISTING		PROPOSED		EXISTING		PROPOSED	
											
CONTROLLER CABINET				HANDHOLE -SQUARE				SIGNAL HEAD			
								- (P) PROGRAMMABLE SIGNAL HEAD			
COMMUNICATION CABINET				HEAVY DUTY HANDHOLE -SQUARE							
											
MASTER CONTROLLER				DOUBLE HANDHOLE							
											
MASTER MASTER CONTROLLER				JUNCTION BOX							
											
UNINTERRUPTABLE POWER SUPPLY				RAILROAD CANTILEVER MAST ARM							
											
SERVICE INSTALLATION - (P) POLE MOUNTED				RAILROAD FLASHING SIGNAL							
											
SERVICE INSTALLATION - (G) GROUND MOUNTED				RAILROAD CROSSING GATE							
											
- (GM) GROUND MOUNTED METERED				RAILROAD CROSSBUCK							
											
TELEPHONE CONNECTION				RAILROAD CONTROLLER CABINET							
											
STEEL MAST ARM ASSEMBLY AND POLE				UNDERGROUND CONDUIT (UC), GALVANIZED STEEL							
											
ALUMINUM MAST ARM ASSEMBLY AND POLE				TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE							
											
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE				SYSTEM ITEM							
											
SIGNAL POST - (BM) BARREL MOUNTED - TEMPORARY				INTERSECTION ITEM							
				REMOVE ITEM							
WOOD POLE				RELOCATE ITEM							
				ABANDON ITEM							
GUY WIRE				CONTROLLER CABINET AND FOUNDATION TO BE REMOVED							
				MAST ARM POLE AND FOUNDATION TO BE REMOVED							
SIGNAL HEAD				SIGNAL POST AND FOUNDATION TO BE REMOVED							
											
SIGNAL HEAD WITH BACKPLATE				DETECTOR LOOP, TYPE I							
											
SIGNAL HEAD OPTICALLY PROGRAMMED				PREFORMED DETECTOR LOOP							
											
FLASHER INSTALLATION - (FS) SOLAR POWERED				INTERSECTION AND SAMPLING (SYSTEM) DETECTOR							
											
PEDESTRIAN SIGNAL HEAD				WIRELESS DETECTOR SENSOR							
				WIRELESS ACCESS POINT							
PEDESTRIAN PUSH BUTTON - (APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON											
											
RADAR DETECTION SENSOR											
											
VIDEO DETECTION CAMERA											
											
RADAR/VIDEO DETECTION ZONE											
											
PAN, TILT, ZOOM (PTZ) CAMERA											
											
EMERGENCY VEHICLE LIGHT DETECTOR											
											
CONFIMATION BEACON											
											
WIRELESS INTERCONNECT											
											
WIRELESS INTERCONNECT RADIO REPEATER											

FILE NAME = ts05.dgn Default	USER NAME = leyso	DESIGNED - IP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - IP	REVISED -		STANDARD TRAFFIC SIGNAL DESIGN DETAILS				341	2011-019-TS	COOK	191	81
	PLOT SCALE = 50,0000 ' / 1 in.	CHECKED - LP	REVISED -						TS-05		CONTRACT NO. 60P14		
	PLOT DATE = 9/29/2016	DATE - 9/29/2016	REVISED -		SCALE: NONE	SHEET 1	OF 7	SHEETS	STA.	TO STA.			
									ILLINOIS FED. AID PROJECT				

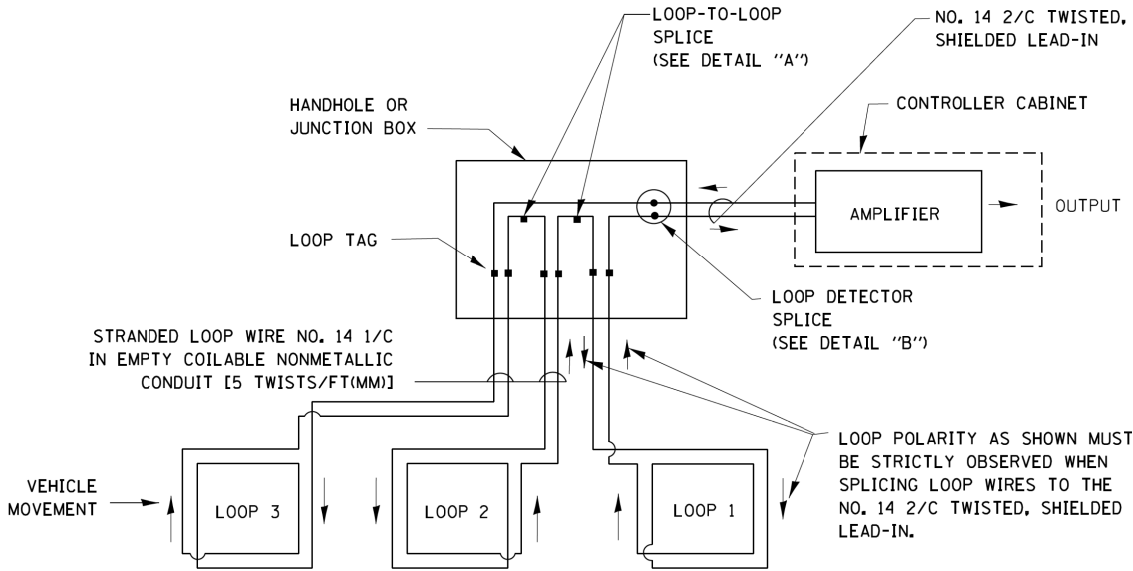
LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

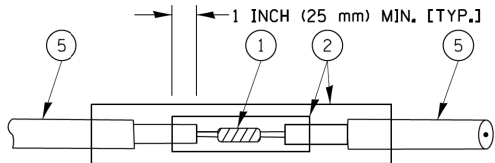


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP *1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

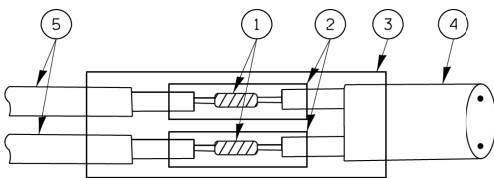


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

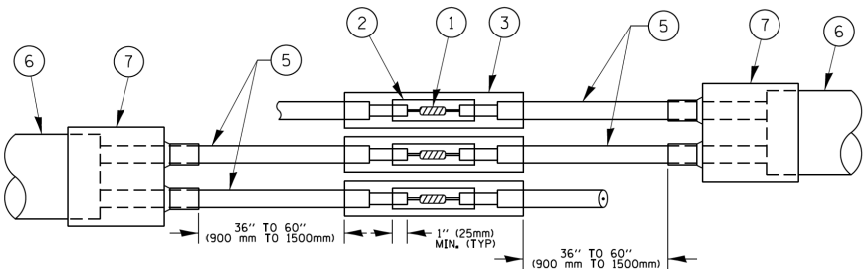


DETAIL "A"
LOOP-TO-LOOP SPLICE

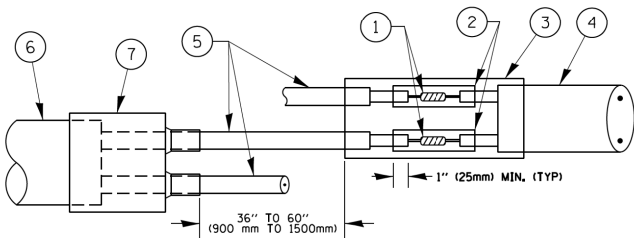


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

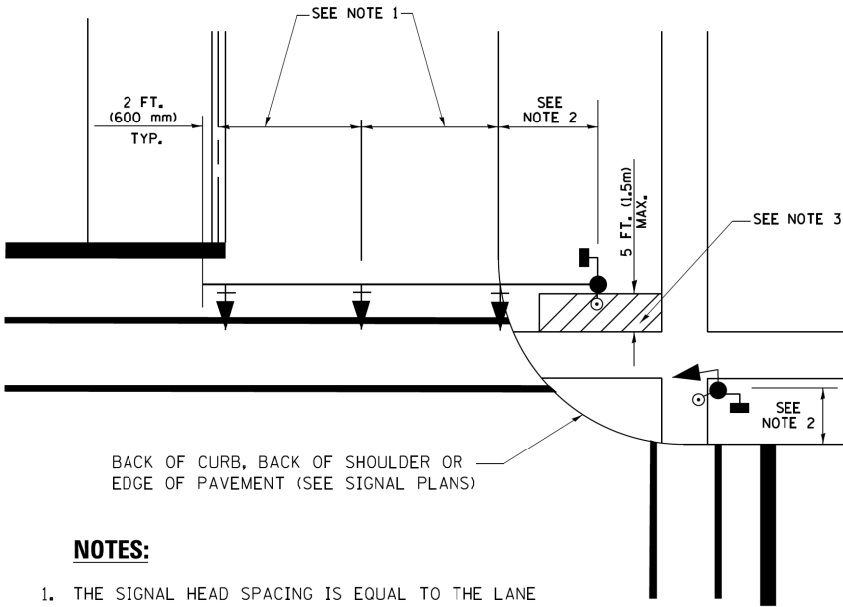
PRE-FORMED LOOP

LOOP DETECTOR SPLICE

1. WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.
2. WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
3. WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGHT 6" (150 mm), UNDERWATER GRADE.
4. NO. 14 2/C TWISTED, SHIELDED CABLE.
5. LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
6. PRE-FORMED LOOP
7. XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

FILE NAME = c:\pwwork\pwwork\footemj\d0108315\ts05.dgn	USER NAME = footemj	DESIGNED - DAD	REVISED - DAG 1-1-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / 1" =	DRAWN - BCK	REVISED -					341	2011-019-TS	COOK	191	82
	PLOT DATE = 1/13/2014	CHECKED - DAD	REVISED -		TS-05			CONTRACT NO. 60P14				
		DATE - 10-28-09	REVISED -		SCALE: NONE SHEET NO. 2 OF 7 SHEETS STA. TO STA.			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

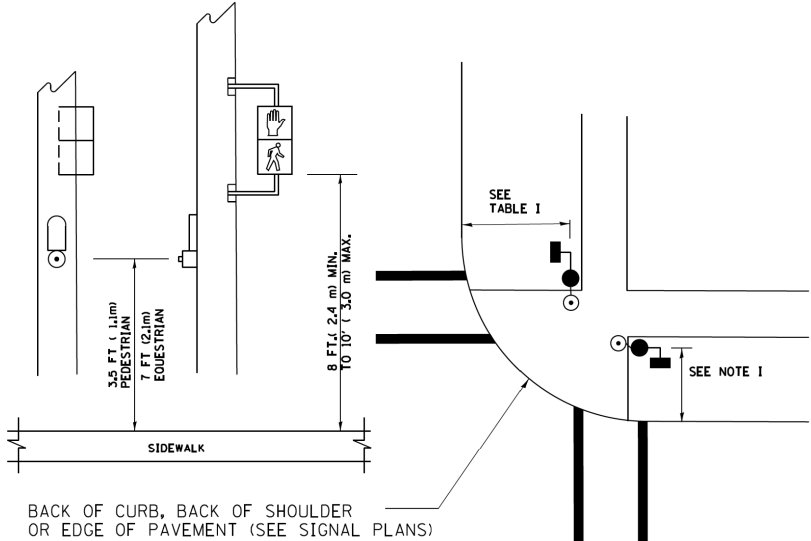
TRAFFIC SIGNAL MAST ARM AND SIGNAL POST
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR
FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN
WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

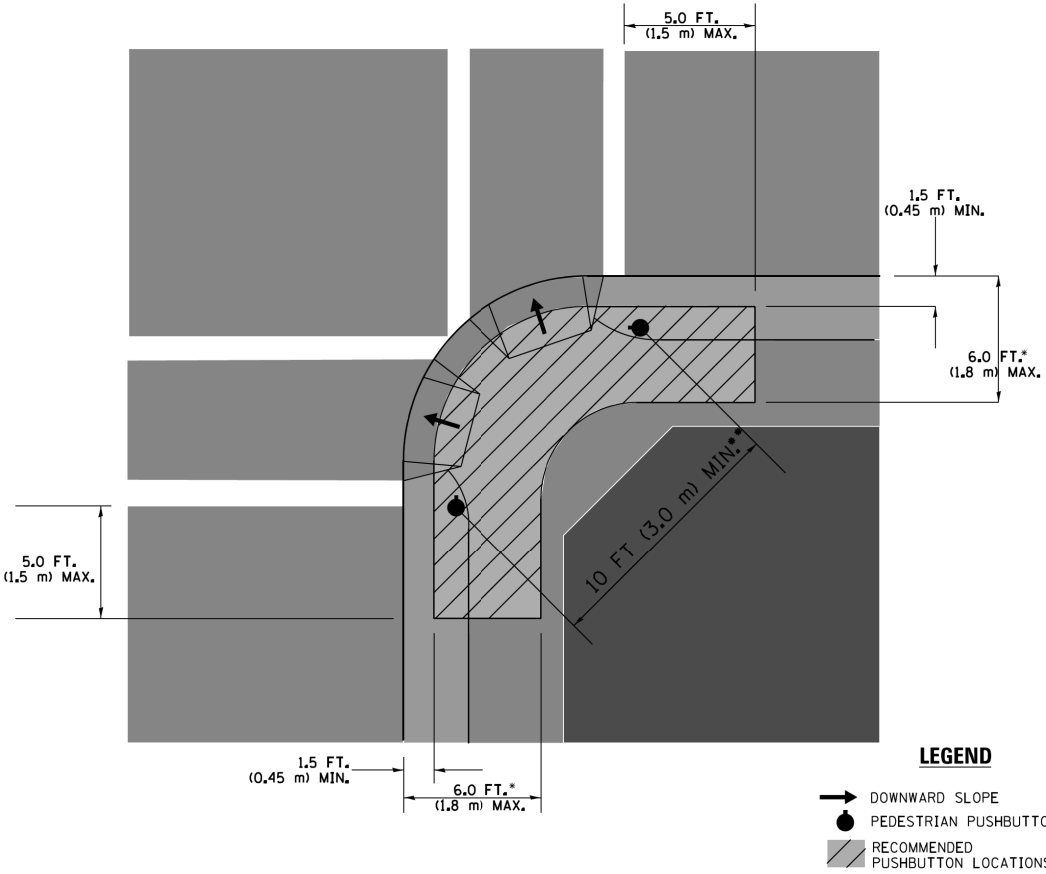
PEDESTRIAN SIGNAL POST
AND
PEDESTRIAN PUSH BUTTON POST



NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

RECOMMENDED PUSHBUTTON LOCATIONS



LEGEND

- DOWNWARD SLOPE
- PEDESTRIAN PUSHBUTTON
- ▨ RECOMMENDED PUSHBUTTON LOCATIONS

- WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

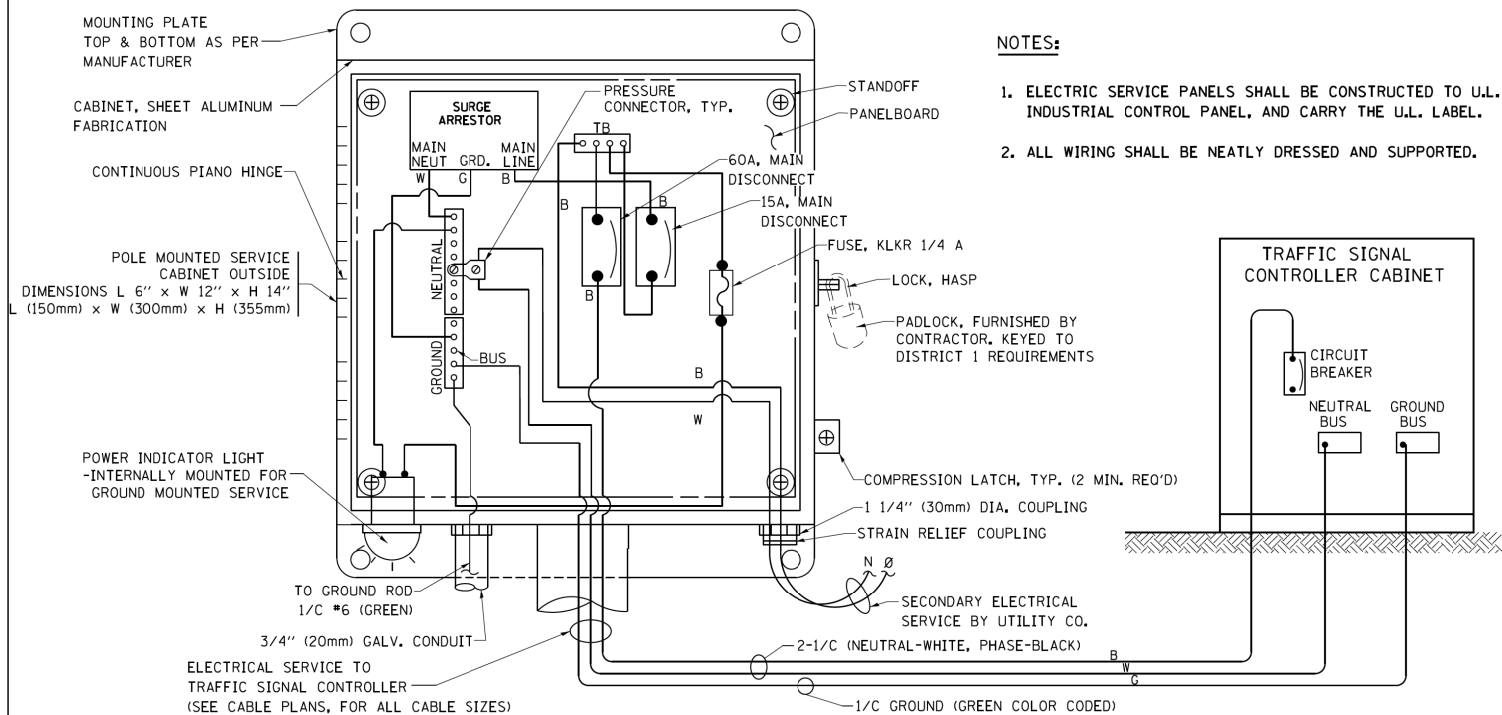
TRAFFIC SIGNAL EQUIPMENT OFFSET

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

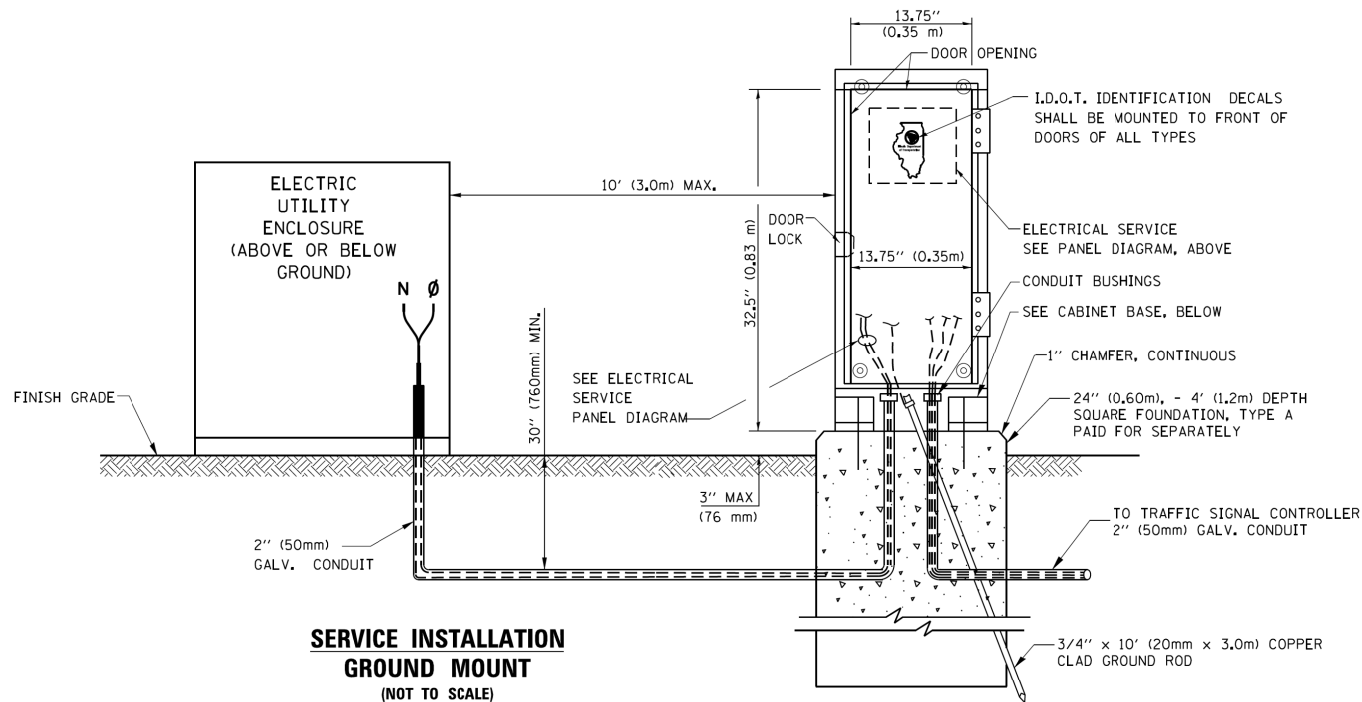
NOTES:

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

FILE NAME =	USER NAME = footemj	DESIGNED - DAD	REVISED - DAG 1-1-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca\pwwork\pwwid\footemj\00108315\ts05.dgn		DRAWN - BCK	REVISED -					341	2011-019-TS	COOK	191	83
	PLOT SCALE = 50.0000 ' / 1 in.	CHECKED - DAD	REVISED -		TS-05			CONTRACT NO. 60P14				
	PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -		SCALE: NONE	SHEET NO. 3 OF 7 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

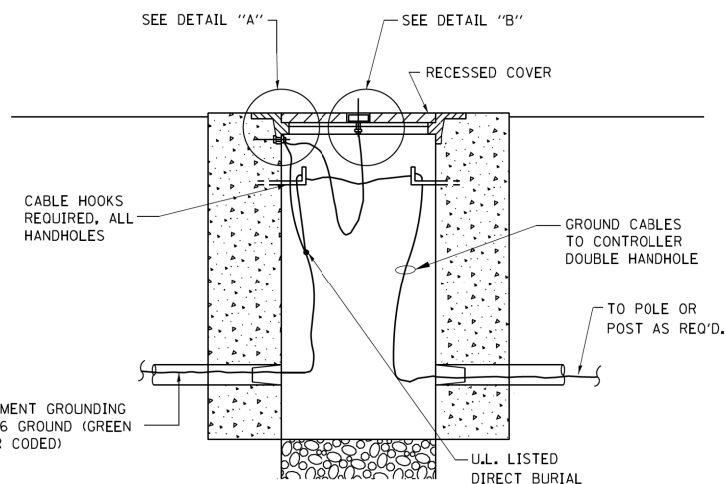
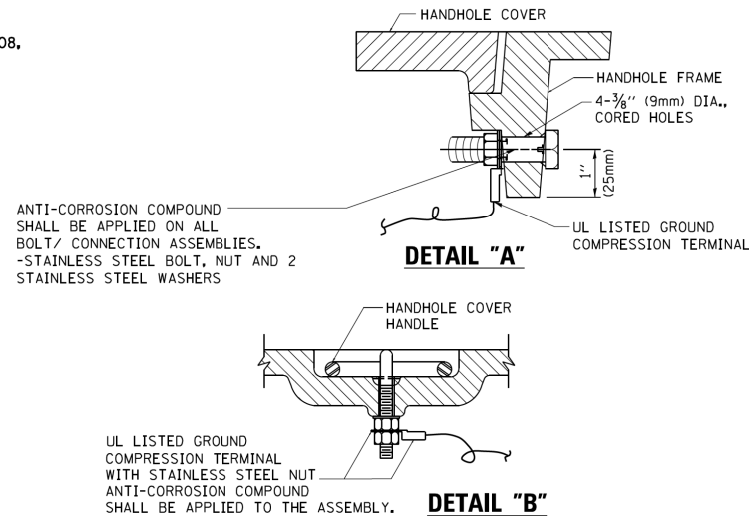
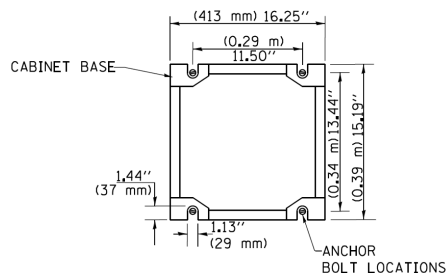


ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
(NOT TO SCALE)

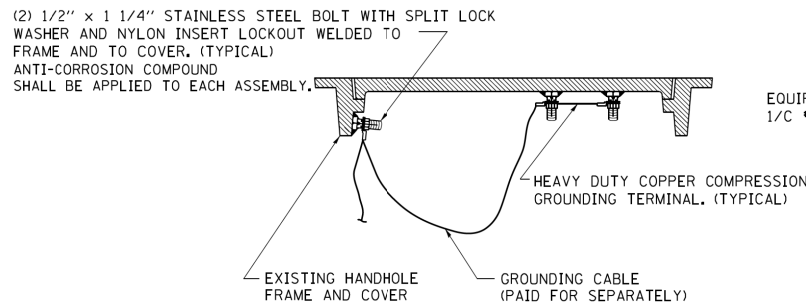


SERVICE INSTALLATION GROUND MOUNT
(NOT TO SCALE)

CABINET – BASE BOLT PATTERN
(NOT TO SCALE)



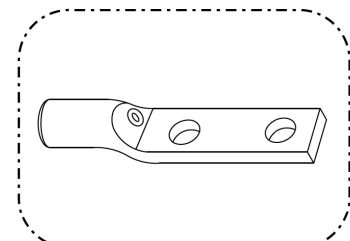
HANDHOLE COVER & FRAME – GROUNDING DETAIL
(NOT TO SCALE)



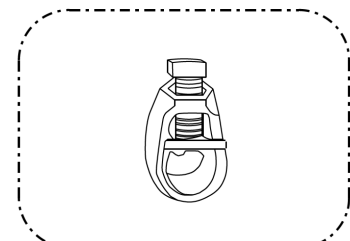
EXISTING HANDHOLE COVER & FRAME – GROUNDING DETAIL
(NOT TO SCALE)

NOTES:
GROUNDING SYSTEM

1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS, THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.), GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD, ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
2. THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.



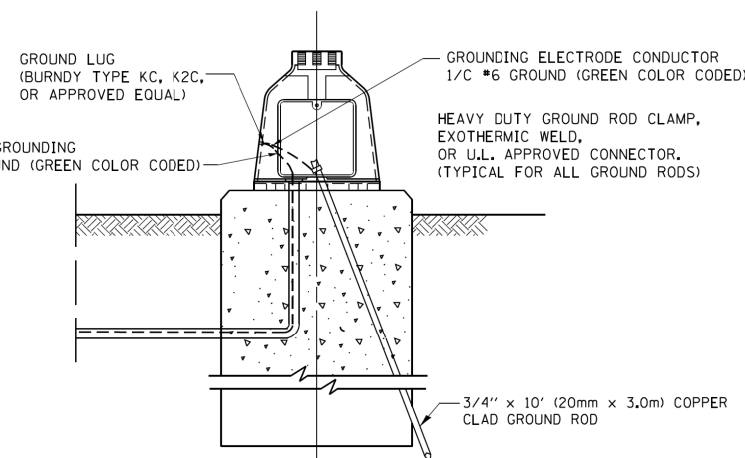
HEAVY-DUTY COMPRESSION TERMINAL
(BURNDY TYPE YGHA OR APPROVED EQUAL)



3/4" (20mm) HEAVY-DUTY GROUND ROD CLAMP
(BURNDY TYPE GRC OR APPROVED EQUAL)

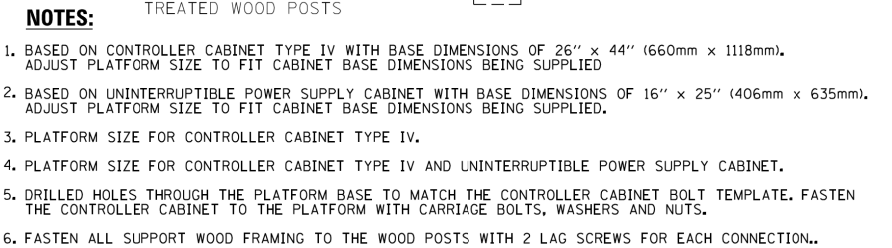
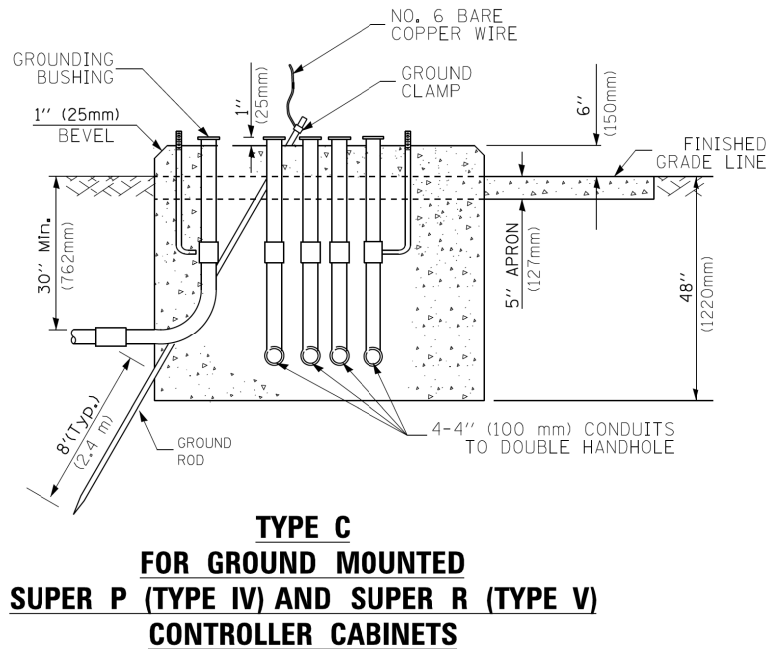
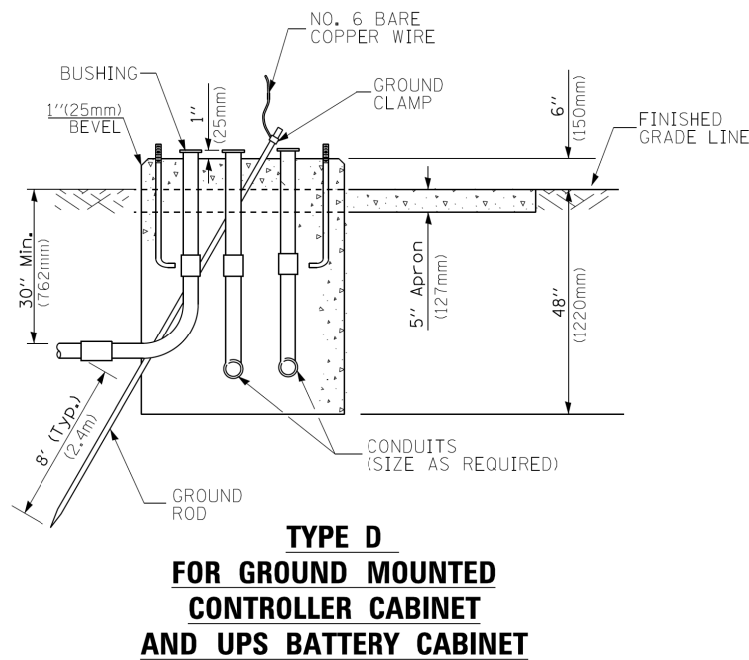
NOTES:

- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



MAST ARM POLE / POST-GROUNDING DETAIL
(NOT TO SCALE)

FILE NAME = c:\pwwork\pwwork\footemj\d0108315\ts05.dgn	USER NAME = footemj	DESIGNED - DAD	REVISED - DAG 1-1-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - BCK	REVISED -					341	2011-019-TS	COOK	191	84
	PLOT SCALE = 50,0000' / in.	CHECKED - DAD	REVISED -		SCALE: NONE			SHEET NO. 4 OF 7 SHEETS		CONTRACT NO. 60P14		
	PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -		STA. TO STA.			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

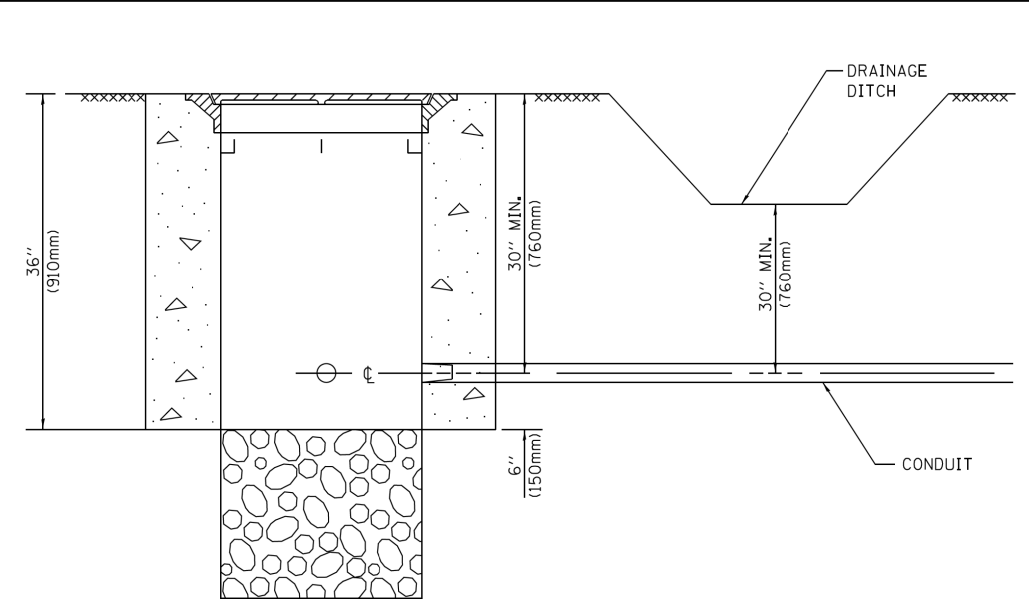
VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1,2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1,2m)
TYPE D - CONTROLLER	4'-0" (1,2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1,2m)

Most Arm Length	① Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m) 11'-0" (3.4 m)	30" (750mm) 36" (900mm)	24" (600mm) 30" (750mm)	8 12	6(19) 7(22)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

1. These foundation depths are for sites which have cohesive soils (clay, silt, sandy clay, etc.) along the length of the shaft, with an average unconfined compressive strength (q_u) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations
4. For mast arm assemblies with dual arms refer to state standard 878001..

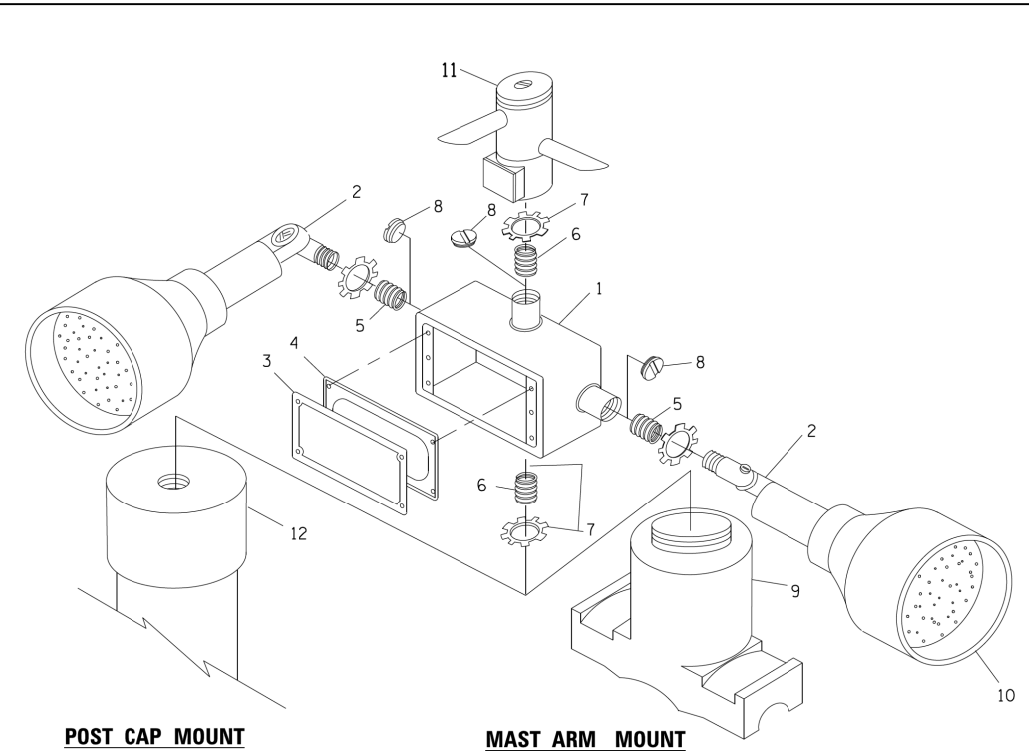
FILE NAME =	USER NAME = footemj	DESIGNED - DAG	REVISED - DAG 1-1-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\p\dot\footemj\d0108315\ts05.dgn	DRAWN - BCK	REVISED -	341			2011-019-TS	COOK	191	85	
PLOT SCALE = 50.0000' / in.	CHECKED - DAD	REVISED -	TS-05			CONTRACT NO. 60P14				
PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -	SCALE: NONE			SHEET NO. 5 OF 7 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		



NOTES:

1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

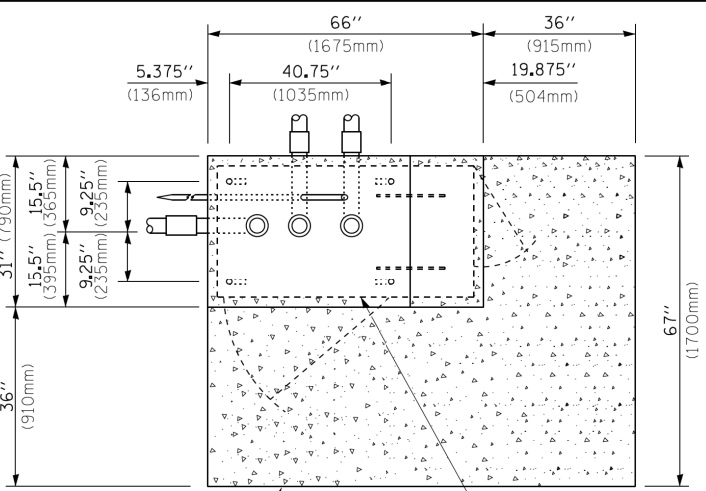
HANDHOLE WITH MINIMUM CONDUIT DEPTH
(NOT TO SCALE)



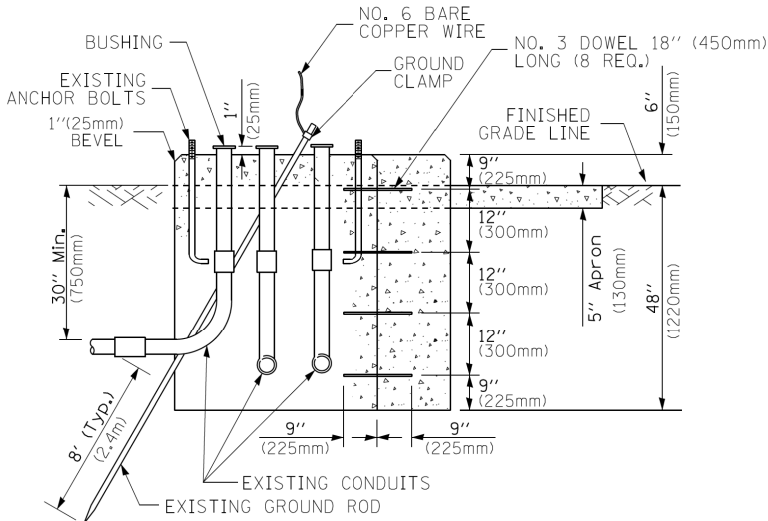
POST CAP MOUNT

MAST ARM MOUNT

EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL



TOP VIEW
(NOT TO SCALE)



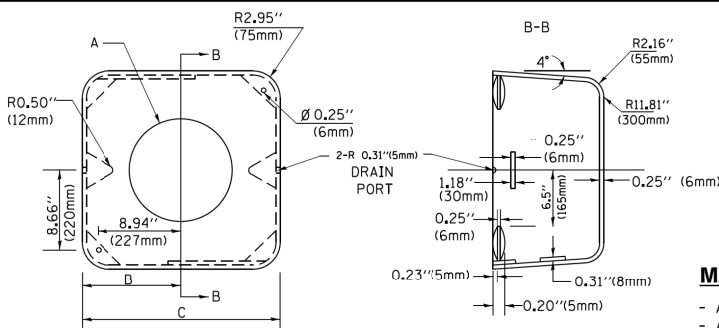
MODIFY EXISTING TYPE "D" FOUNDATION
TO TYPE "C" FOUNDATION

(NOT TO SCALE)

ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4"(19 mm) CLOSE NIPPLE
7	3/4"(19 mm) LOCKNUT
8	3/4"(19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4 "(19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



MATERIAL:

- ASTM A36 STEEL
- ASTM A-123 HOT DIPPED GALVANIZED

A	B	C	HEIGHT	WEIGHT
VARIES	9.5"(241mm)	19"(483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIES	10.75"(273mm)	21.5"(546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIES	13.0"(330mm)	26"(660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIES	18.5"(470mm)	37"(940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

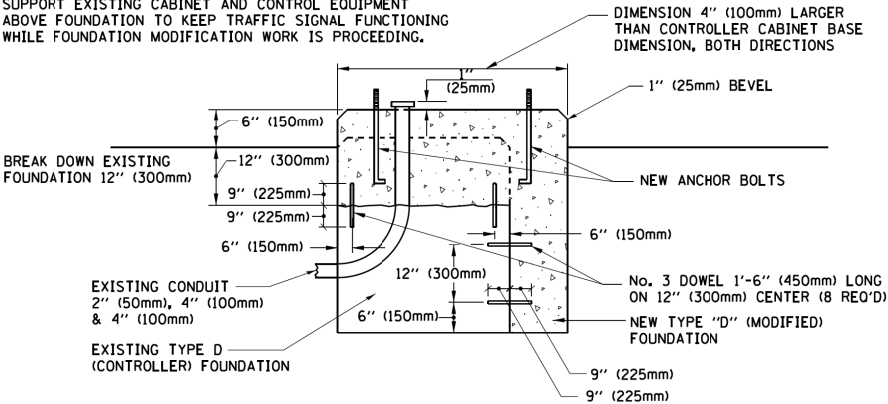
SHROUD

NOTES:

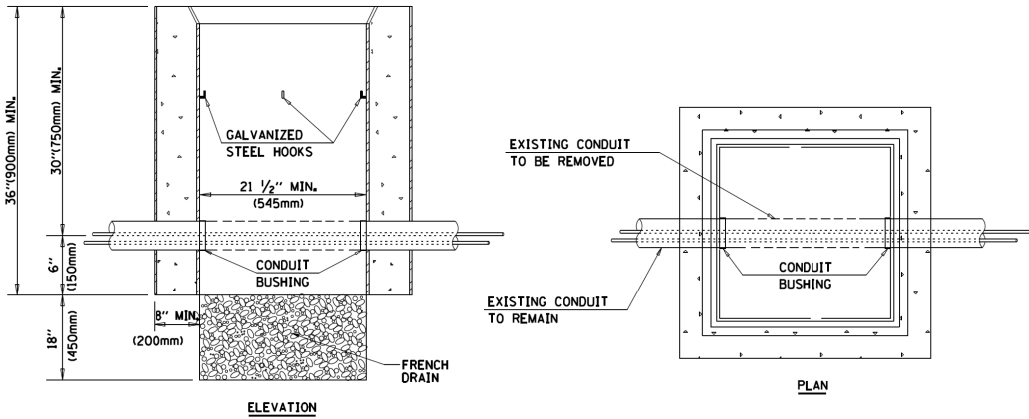
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFIED THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

NOTE:

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



MODIFY EXISTING TYPE "D" FOUNDATION

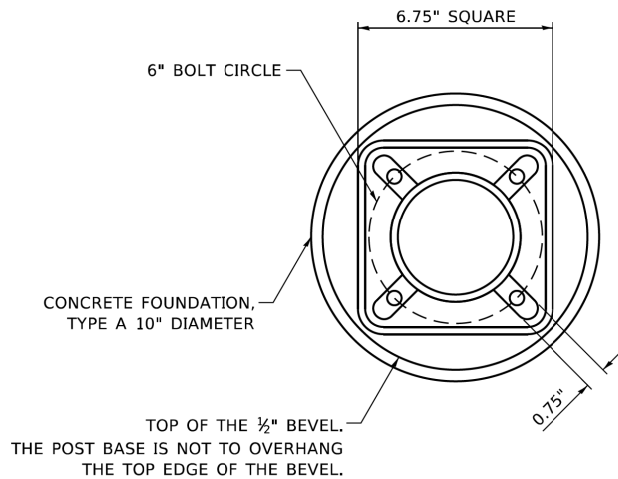


NOTES:

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

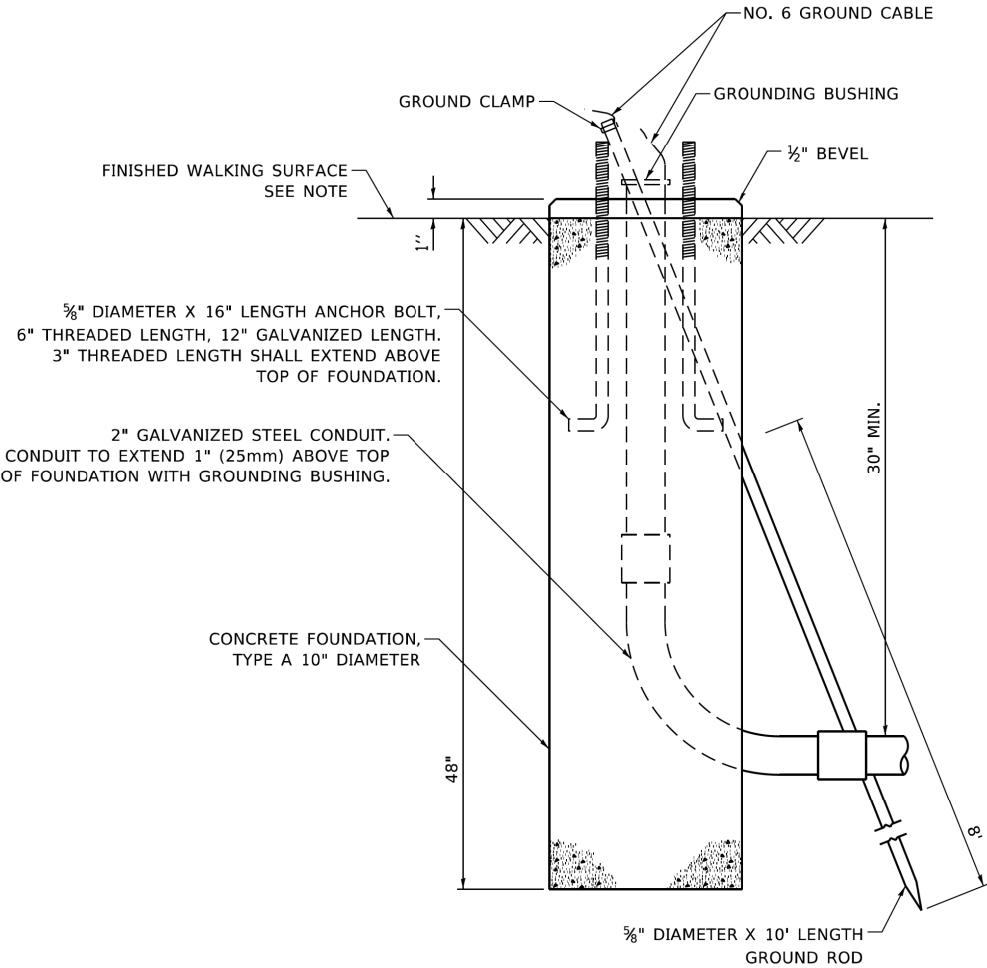
HANDHOLE TO INTERCEPT EXISTING CONDUIT

FILE NAME = c:\pwwork\pwwork\footemj\d0108315\ts05.dgn	USER NAME = footemj	DESIGNED - DAD	REVISED - DAG 1-1-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - BCK	REVISED -						341	2011-019-TS	COOK	191	86
	PLOT SCALE = 50.0000' / in.	CHECKED - DAD	REVISED -		TS-05				CONTRACT NO. 60P14				
	PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -		SCALE: NONE	SHEET NO. 6 OF 7 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS/FED. AID PROJECT					

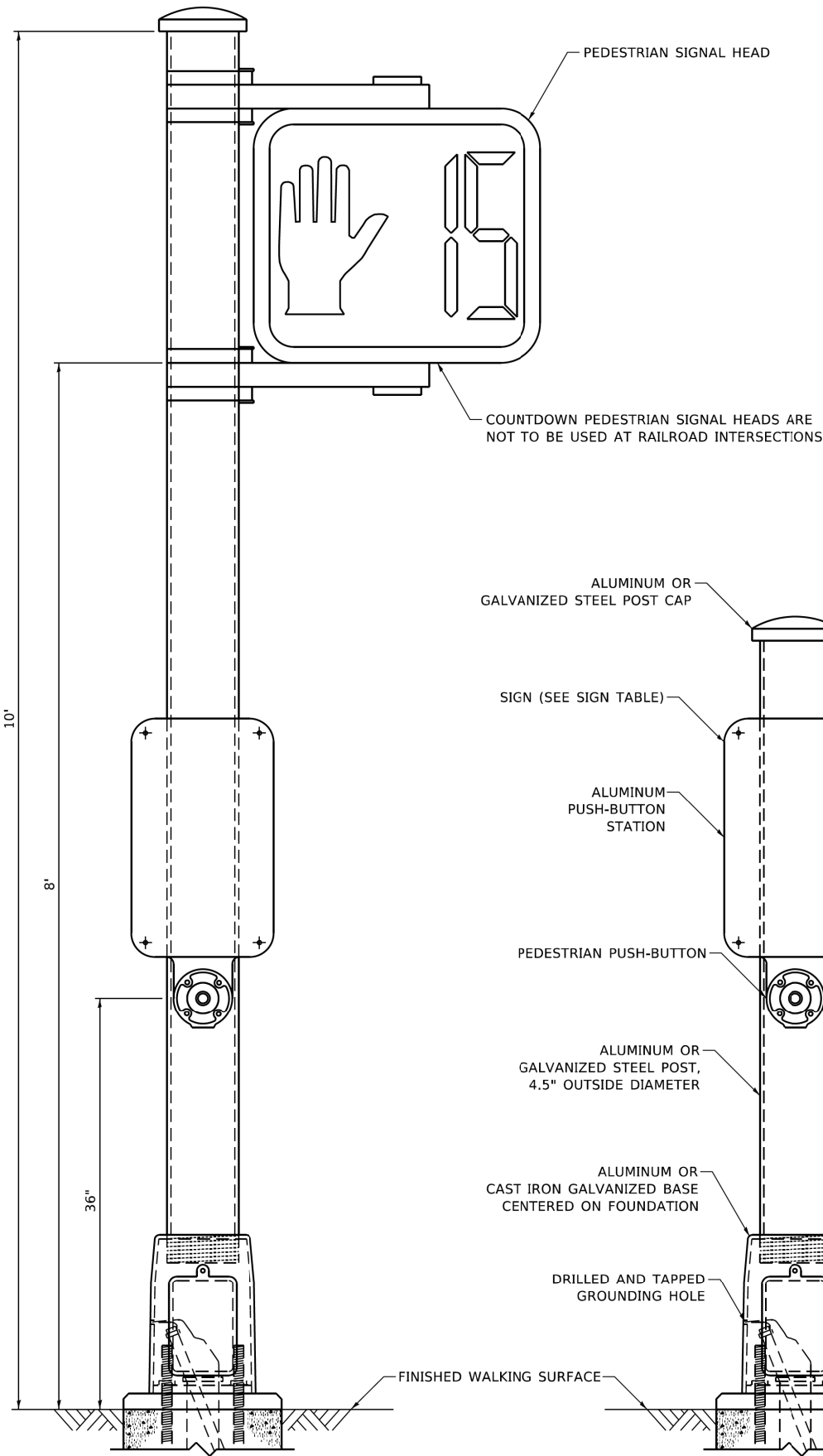


BOLT PATTERN

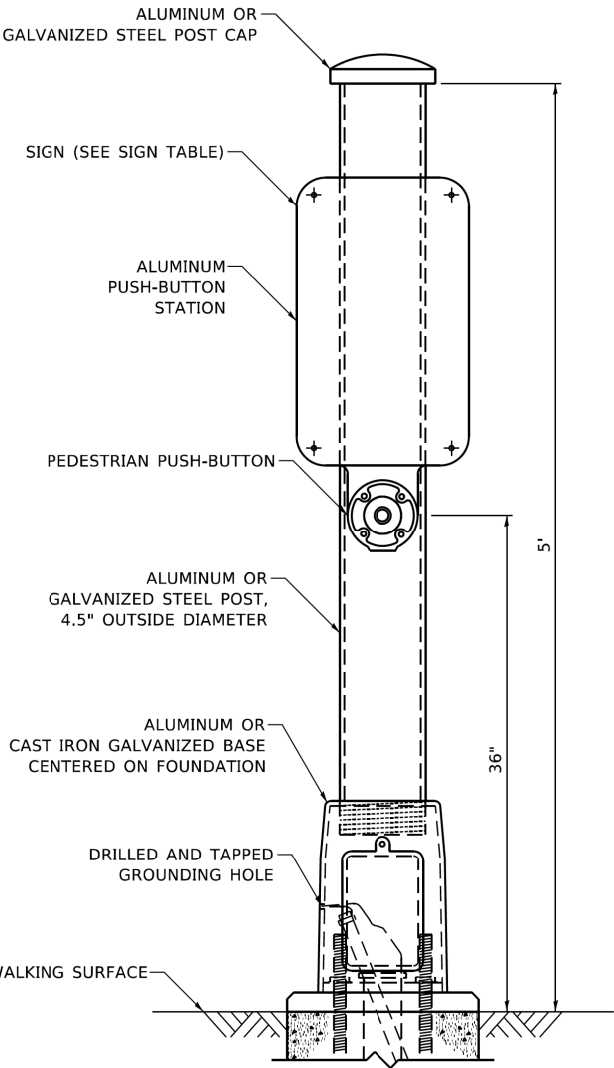
NOTE:
1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



CONCRETE FOUNDATION,
TYPE A 10-INCH DIAMETER



PEDESTRIAN SIGNAL POST, 10 FT.



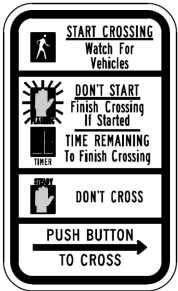
PEDESTRIAN SIGNAL POST, 5 FT.



R10-3b



R10-3d



R10-3e

SIGN TABLE

SIGN	DIMENSIONS
R10-3b (RAILROAD ONLY)	9" X 12"
R10-3d (RAILROAD ONLY)	9" X 12"
R10-3e	9" X 15"

NOTES:
1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.
2. THE ARROW ON SIGNS FOR PUSH-BUTTONS SERVING TWO DIRECTIONS ON THE SAME PHASE SHALL BE BI-DIRECTIONAL.
3. THE SIGN FOR DUAL-CALL PUSH-BUTTONS SHALL HAVE NO ARROW.

MODEL: Default
FILE NAME: SWDDesign\Ivan11_Other\PedestrianPost\PedestrianSignalPost.dgn

USER NAME = plascencial	DESIGNED - IP	REVISED -
	DRAWN - IP	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - LP	REVISED -
PLOT DATE = 4/10/2019	DATE - 10/15/2018	REVISED -

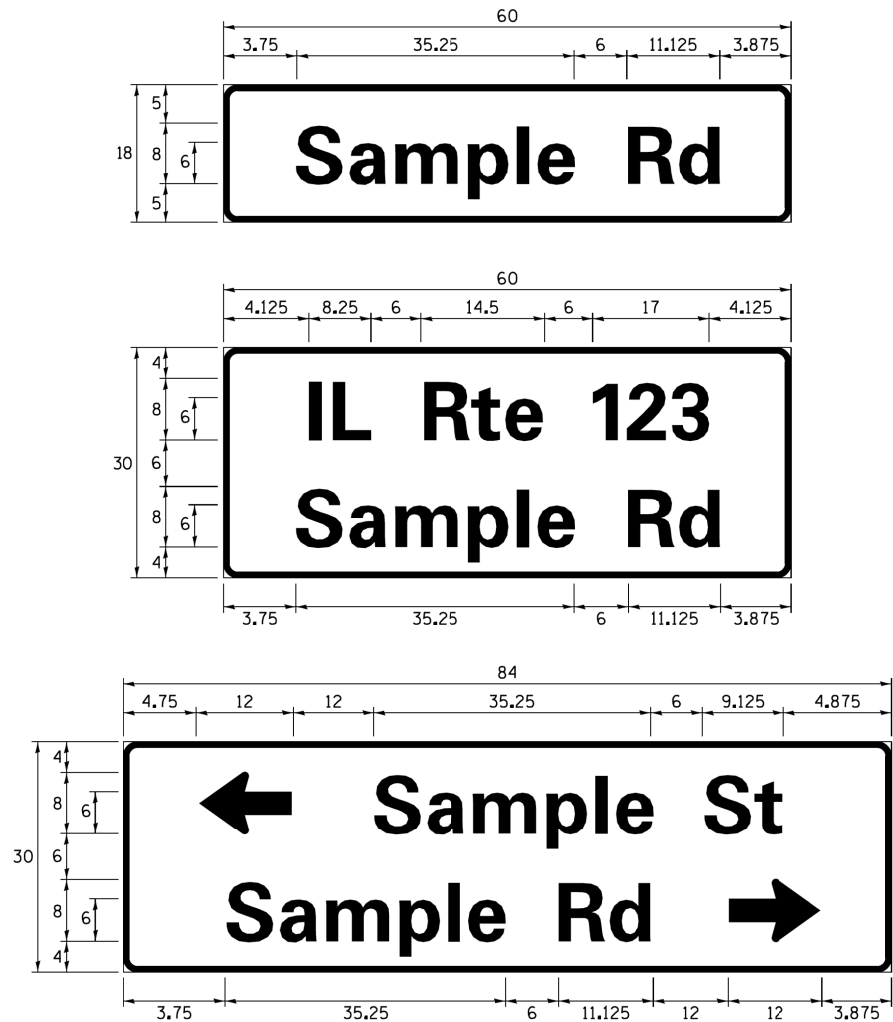
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NTS SHEET NO. 7 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-TS	COOK	191	87
TS-05		CONTRACT NO. 60P14		
		ILLINOIS FED. AID PROJECT		

SIGN PANEL – TYPE 1 OR TYPE 2



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

ALL DIMENSIONS ARE IN INCHES EXCEPT NOTED OTHERWISE

COMMON STREET NAME ABBREVIATIONS AND WIDTHS

NAME	ABBREVIATION	WIDTH (INCH)	
		SERIES "C"	SERIES "D"
AVENUE	Ave	15.000	18.250
BOULEVARD	Blvd	17.125	20.000
CIRCLE	Cir	11.125	13.000
COURT	Ct	8.250	9.625
DRIVE	Dr	8.625	10.125
HIGHWAY	Hwy	18.375	22.000
ILLINOIS	IL	7.000	8.250
LANE	Ln	9.125	10.750
PARKWAY	Pkwy	23.375	27.375
PLACE	Pl	7.125	7.750
ROAD	Rd	9.625	11.125
ROUTE	Rte	12.625	14.500
STREET	St	8.000	9.125
TERRACE	Ter	12.625	14.625
TRAIL	Tr	7.750	9.125
UNITED STATES	US	10.375	12.250

GENERAL NOTES

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

LOCAL SUPPLIERS:

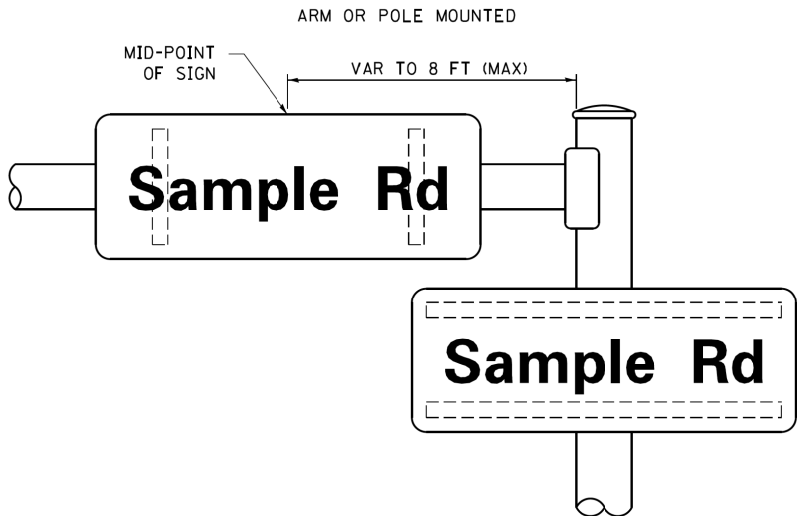
- J.O. HERBERT COMPANY, INC
MIDLOTHIAN, VA
- WESTERN REMAC, INC.
WOODRIDGE, IL

PARTS LISTING:

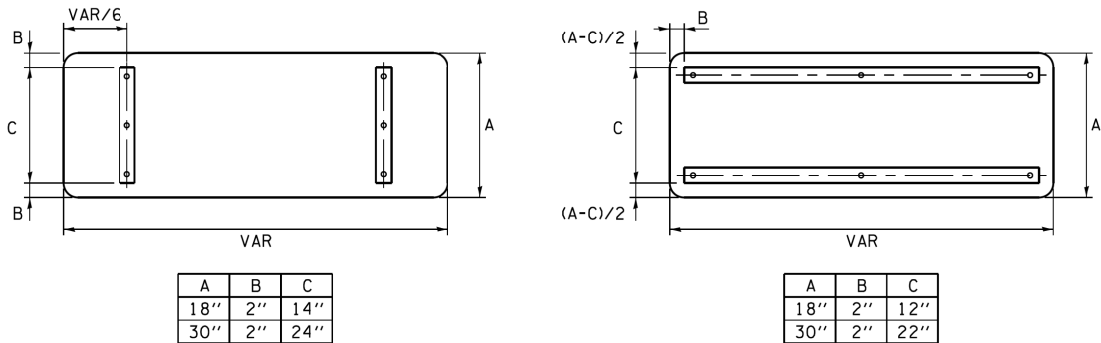
- SIGN CHANNEL PART *HPN053 (MED. CHANNEL)
SIGN SCREWS 1/4" x 14 x 1" H.W.H. #3
SELF TAPPING WITH NEOPRENE WASHER
- BRACKETS PART *HPN034 (UNIVERSAL)
CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING

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

MOUNTING LOCATION



SUPPORTING CHANNELS

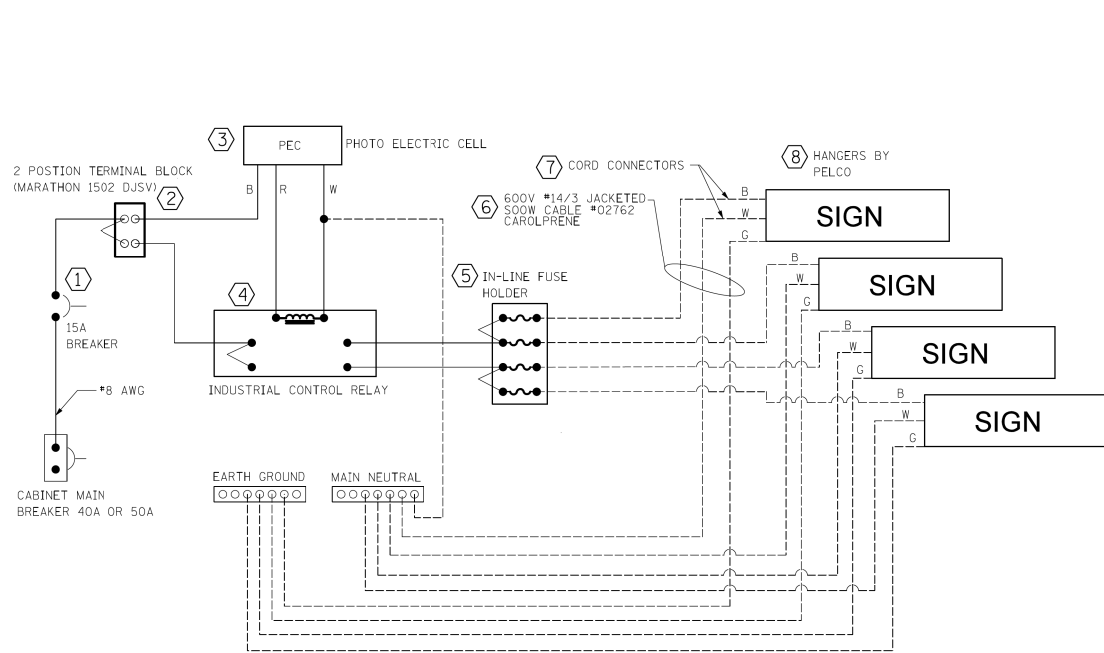


STANDARD ALPHABETS SPACING CHART

(8") UPPER CASE AND (6") LOWER CASE

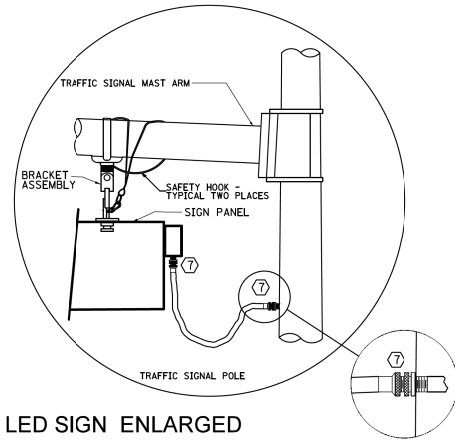
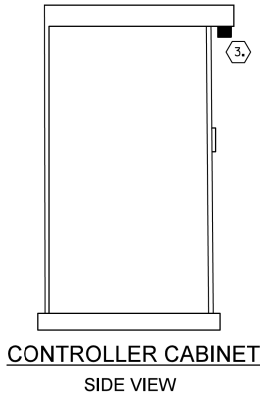
FHWA SERIES "C"				FHWA SERIES "D"			
CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)	CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)
A	0.240	5.122	0.240	A	0.240	6.804	0.240
B	0.880	4.482	0.480	B	0.960	5.446	0.400
C	0.720	4.482	0.720	C	0.800	5.446	0.800
D	0.880	4.482	0.720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

FILE NAME = pwt\IL084EBID\INTEG\Illinois.gov\PIWIDOT\Documents\IDOT_Offices\District_1\Projects\Dist1\CADData\CD\Sheets\%02.dgn Default	USER NAME = drivekosgn	DESIGNED - LP/IP	REVISED - LP 07/01/2015	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
									341	2011-019-TS	COOK	191	88
	PLOT SCALE = 50.0000 ' / in.	CHECKED - IP	REVISED -		TS-02		CONTRACT NO. 60P14						
	PLOT DATE = 7/31/2015	DATE - 10/01/2014	REVISED -		ILLINOIS/FED. AID PROJECT								
					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.			



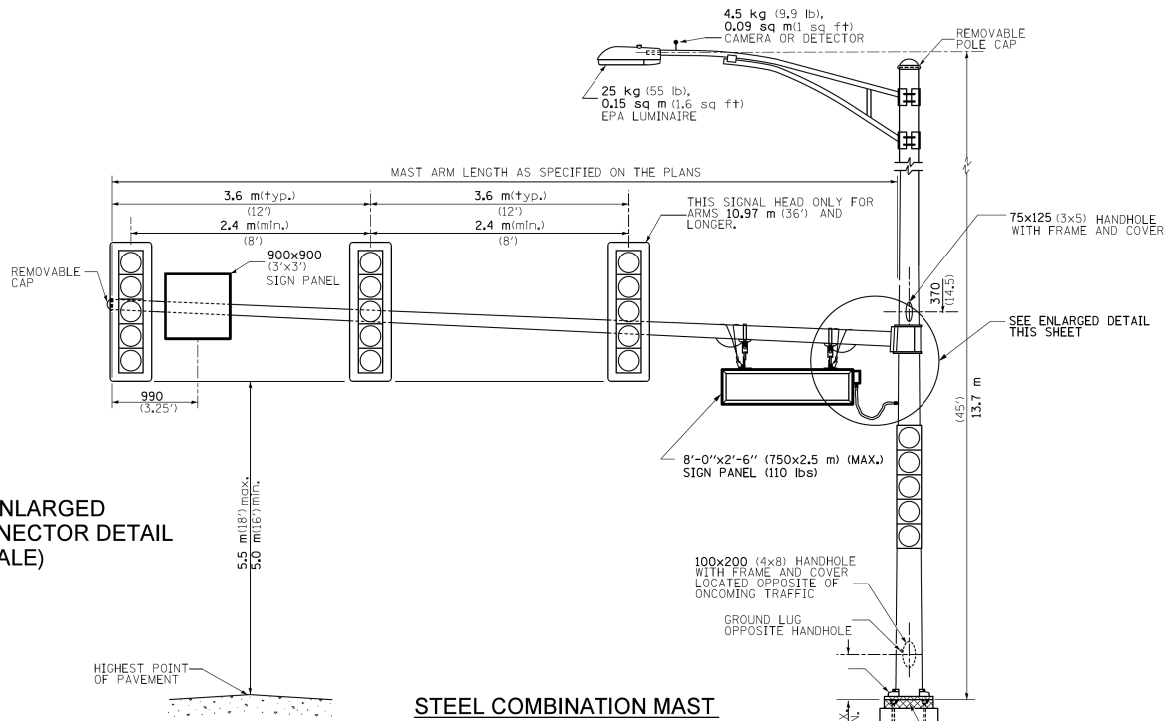
LED SIGN WIRING DETAIL

DESCRIPTION	MANUFACTURER	MODEL	NOTES
1. CIRCUIT BREAKER		15 AMPERE	
2. TERMINAL BLOCK	MARATHON	1502 DJSV	
3. PHOTO ELECTRIC CONTROL	FISHER PIERCE	B124-1.5-01/62	
4. CONTRACTOR (INDUSTRIAL CONTROL RELAY)	SQUARE D	8501X020V02	BOLT ON W/SCREW TERMINAL
5. INLINE FUSE HOLDER WITH 5 AMP FUSE	BUSSMANN	S-8000 BK/S-8-3-4-R	
6. ELECTRIC CABLE, No. 14, 3/C (BLACK, WHITE, GREEN)	CAROLPRENE /SOOW	02762	
7. CORD/CABLE CONNECTOR	APPLETON	CG5050S (STEEL)	
8. SIGN MOUNTING HARDWARE	PELCO	SE-5015	



LED SIGN ENLARGED CABLE CONNECTOR DETAIL (NOT TO SCALE)

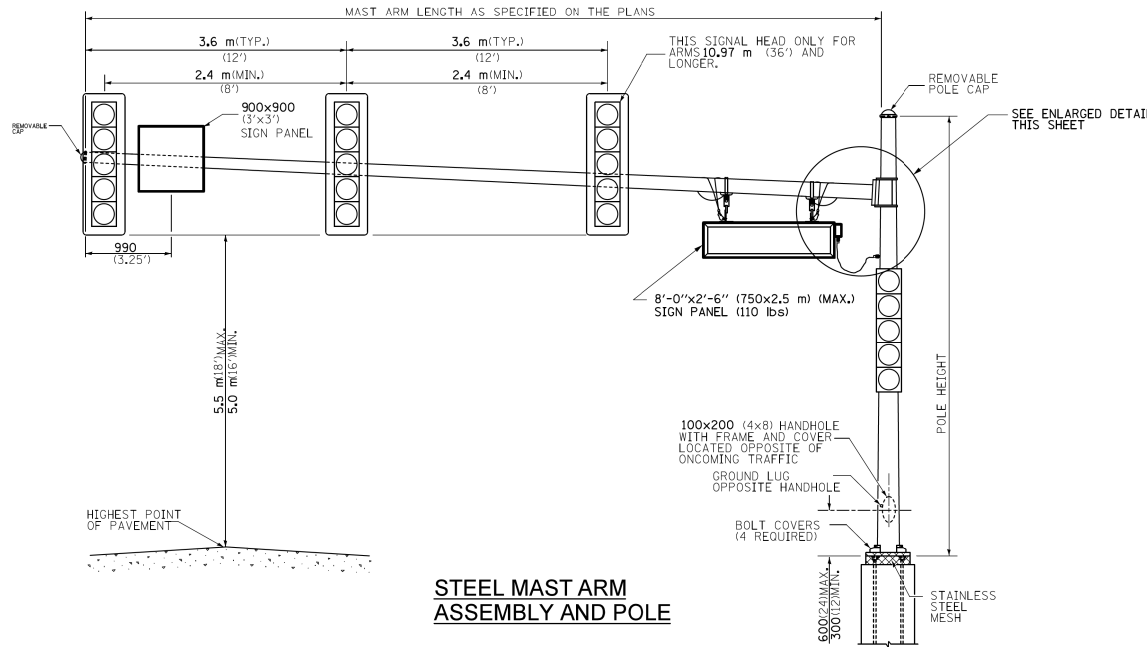
LED SIGN ENLARGED CABLE CONNECTOR DETAIL (NOT TO SCALE)



STEEL COMBINATION MAST ARM ASSEMBLY AND POLE

TITLE: BRACKET, FREE-SWINGING MAST ARM SIGN W/BAND MOUNT MINI-BRAC			
OPTIONS BAND LENGTH 29" FITS 4"-6" POLE DIA. 60" FITS 4"-12" POLE DIA. STAINLESS UPGRADE (SEE NOTE) PAINT			
ITEM	PART NO.	DESCRIPTION	QTY
1	FS-3205-SS	SCREW, SET SQ HD 1/4"-20 X 5/8", STAINLESS	2
2	AB-0266-MI	CLAMP, MINI-BRAC BAND MOUNT, 1/2" NPS, ALUM	2
3	FS-6201-ZNI	PIN, GROOVE 3/16" x 1 1/4", ZINC	2
4	AB-0244-SS	CLAMP, BAND 5/8", STAINLESS	2
5	AB-0243-L	BAND, 5/8", STAINLESS	2
6	FS-3202-SS	SCREW, SET SOC HD 5/16"-18, STAINLESS	2
7	AB-0303-GLV	KIT, CLAMP SCREW FOR MINI-BRAC, GALV	2
8	SE-0371-MI	ADAPTER, SPAN WIRE, DIE CAST ALUM W/ SS INSERT	2
9	SE-0464-M2	CLEVIS-CLEVIS, 1/2" x 1/2", ALUM W/ STAINLESS BUSHINGS	2
10	FS-1001-SS	NUT, HEX HD 5/16", STAINLESS	8
11	FS-4201-SS	WASHER, SPLIT LOCK, 5/16", STAINLESS	8
12	SE-0508-M2	EXTENDER CONNECTOR HANGER, ALUM W/ STAINLESS BUSHINGS	2
13	SE-0507-11	EXTENDER, 11"	2
15	SE-0512-MI	HANGER, TRI-STUD, ALUM	2
16	SE-5048-SS	HARDWARE KIT W/ GASKET, 5/16" - 18, STAINLESS	2
17	FS-6000-GLV	PIN, CLEVIS, 5/8" x 2 1/4" EL, GALV	4
18	FS-6100-SS	PIN, COTTER HUMPED, 5/32" x 1.775" 304 STAINLESS	4
19	FS-2006-SS	BOLT, HEX HD, 5/16" - 18 x 1", STAINLESS	4
20	FS-2019-SS	BOLT, HEX HD, 5/16" - 18 x 1 1/4", STAINLESS	4
21		EYE HOOK, STAINLESS STEEL (RATED FOR APPROPRIATE LOAD)	2
22		CARABINER HOOK, STAINLESS STEEL (RATED FOR APPROPRIATE LOAD)	2
23	SH-1867-L	CABLE, SAFETY, FOR SIGN HANGERS, STAINLESS	2
	FS-9054-SS	SLEEVE, COMPRESSION, OVAL, STAINLESS	4
	FS-5101-SS	WIRE ROPE, 3/16" X 7 X 19, AIRCRAFT, TYPE 304 STAINLESS	2
	FS-6516-SS	CONNECTOR, THREADED, 3/16" X 1-1/2", STAINLESS	2
	Z-2042	INSTRUCTIONS, SAFETY CABLE FOR SIGN HANGERS	2

LED SIGN BRACKET DETAIL



STEEL MAST ARM ASSEMBLY AND POLE

GENERAL NOTE:

- SIGNAL HEADS, SIGN PANELS, AND OTHER ATTACHMENT ARE SHOWN FOR MINIMUM DESIGN LOADING PURPOSES ONLY. EACH SIGNAL HEAD SHALL WEIGH 36 Kg (80 lb) AND HAVE A PROJECTED AREA OF 1.37 sq. m (14.7 sq ft.).
- PHOTO ELECTRIC CELL IS TO BE MOUNTED ABOVE CABINET DOOR.
- THE SIGN SHALL BE LOCATED AT A MAX. OF 8' FROM CENTER OF SIGN FOR MAST ARMS 16' (4.9 m) THROUGH 55' (16.8 m), 18' (5.5 m) MAX. FOR MAST ARMS 56' (17.1 m) THROUGH 75' (22.9 m) TO MID-POINT OF SIGN.
- SIGN IS TO BE MOUNTED A MINIMUM OF 16' ABOVE PAVEMENT.
- CERTAIN ADDITIONAL INFORMATION MAY BE ALLOWED ON THE SIGN. VERIFY WITH ENGINEER.
- SIGNS SHALL NOT BE ENERGIZED WHEN TRAFFIC SIGNALS ARE POWERED BY THE UPS THE SIGNS SHALL BE CONNECTED TO THE UPS BYPASS CIRCUITRY.
- ALL 120 VOLT SYSTEM AND CONTROL WIRING SHALL BE #12 AWG STRANDED UNLESS OTHERWISE INDICATED.
- ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
- ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED:
R = RED BL = BLUE W = WHITE
B = BLACK Y = YELLOW G = GREEN

All dimensions are in millimeters (inches) unless otherwise shown.



USER NAME = LEP	DESIGNED - LEP	REVISED -
	DRAWN - OJT	REVISED -
PLOT SCALE = 20.0000 ' / 1"	CHECKED - JUE	REVISED -
PLOT DATE = 10/25/2019	DATE - 11/1/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLUMINATED STREET NAME SIGN MOUNTING DETAIL

SCALE: NO SCALE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-TS	COOK	191	89
CONTRACT NO. 60P14				
ILLINOIS FED. AID PROJECT				

REMOVAL NOTES:

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

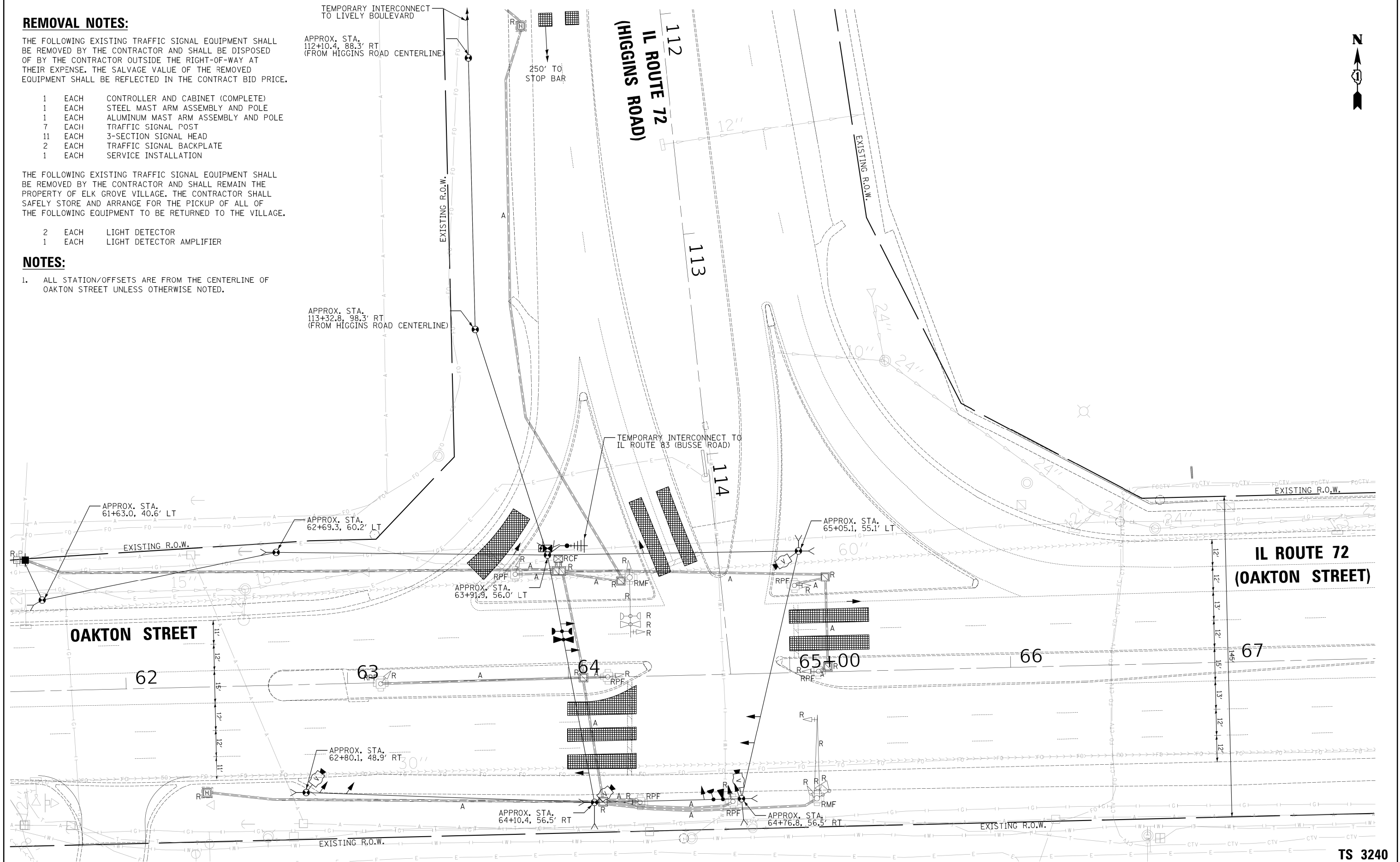
1	EACH	CONTROLLER AND CABINET (COMPLETE)
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE
1	EACH	ALUMINUM MAST ARM ASSEMBLY AND POLE
7	EACH	TRAFFIC SIGNAL POST
11	EACH	3-SECTION SIGNAL HEAD
2	EACH	TRAFFIC SIGNAL BACKPLATE
1	EACH	SERVICE INSTALLATION

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF ELK GROVE VILLAGE. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR THE PICKUP OF ALL OF THE FOLLOWING EQUIPMENT TO BE RETURNED TO THE VILLAGE.

2	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER

NOTES:

- ALL STATION/OFFSETS ARE FROM THE CENTERLINE OF OAKTON STREET UNLESS OTHERWISE NOTED.



TS 3240

EAGLE 1M



USER NAME = LEP	DESIGNED - LEP	REVISED -
	DRAWN - OJT	REVISED -
PLOT SCALE = 20.0000' / 1" =	CHECKED - JUE	REVISED -
PLOT DATE = 10/24/2019	DATE - 11/1/2019	REVISED -

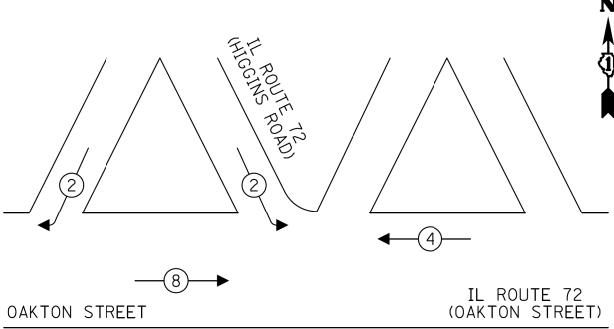
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
IL RTE 72 (HIGGINS RD) AT IL RTE 72 (OAKTON ST) (WEST)

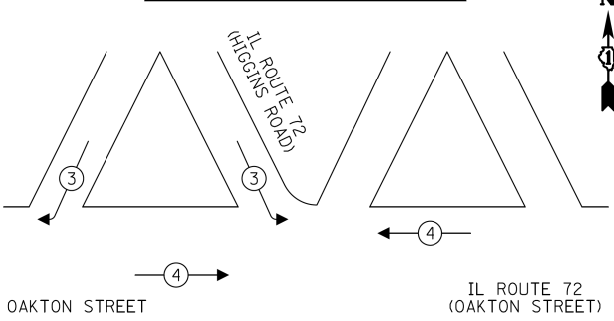
SCALE: 1" = 20' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-TS	COOK	191	90
CONTRACT NO. 60P14				
ILLINOIS FED. AID PROJECT				

TEMPORARY CONTROLLER SEQUENCE

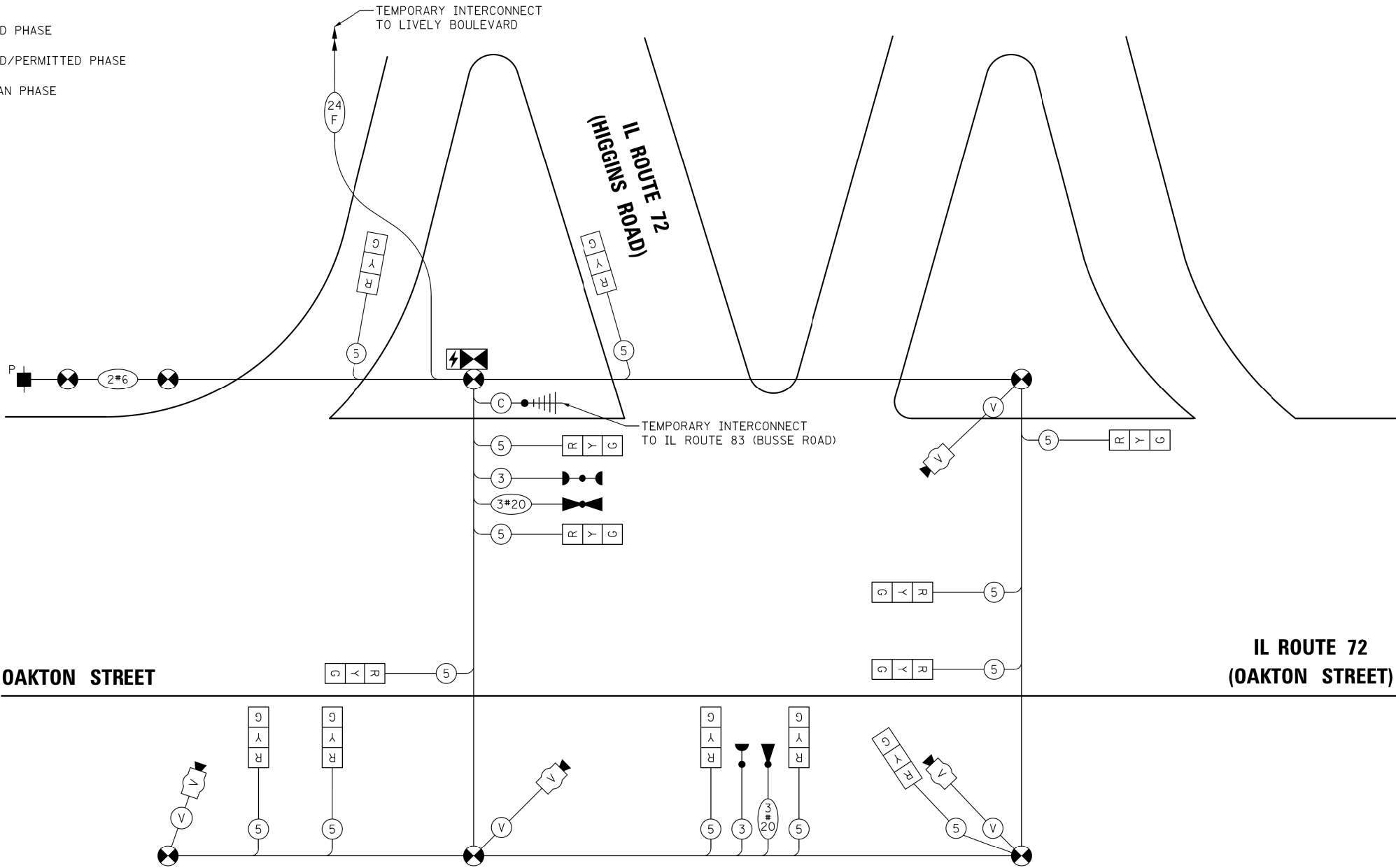


TEMPORARY EMERGENCY VEHICLE
PREEMPTION SEQUENCE



LEGEND:

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



CABLE PLAN
(NOT TO SCALE)

TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	13	11	50	71.5
(YELLOW)	13	20	5	13.0
(GREEN)	13	12	45	70.2
PERMISSIVE ARROW	-	10	10	-
PED. SIGNAL	-	20	100	-
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
TOTAL =				429.7

ENERGY COSTS TO:

ELK GROVE VILLAGE
901 WELLINGTON AVENUE
ELK GROVE VILLAGE, IL 60007

ENERGY SUPPLY: CONTACT: CHRISTINE LEFTWICH
PHONE: (630) 424-5124
COMPANY: COMED
ACCOUNT NUMBER: 1183141069



USER NAME = LEP
PLOT SCALE = 20,000' / 1" =
PLOT DATE = 10/24/2019

DESIGNED - LEP	REVISED -
DRAWN - OJT	REVISED -
CHECKED - JJE	REVISED -
DATE - 11/1/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM,
& TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
IL RTE 72 (HIGGINS RD) AT IL RTE 72 (OAKTON ST) (WEST)

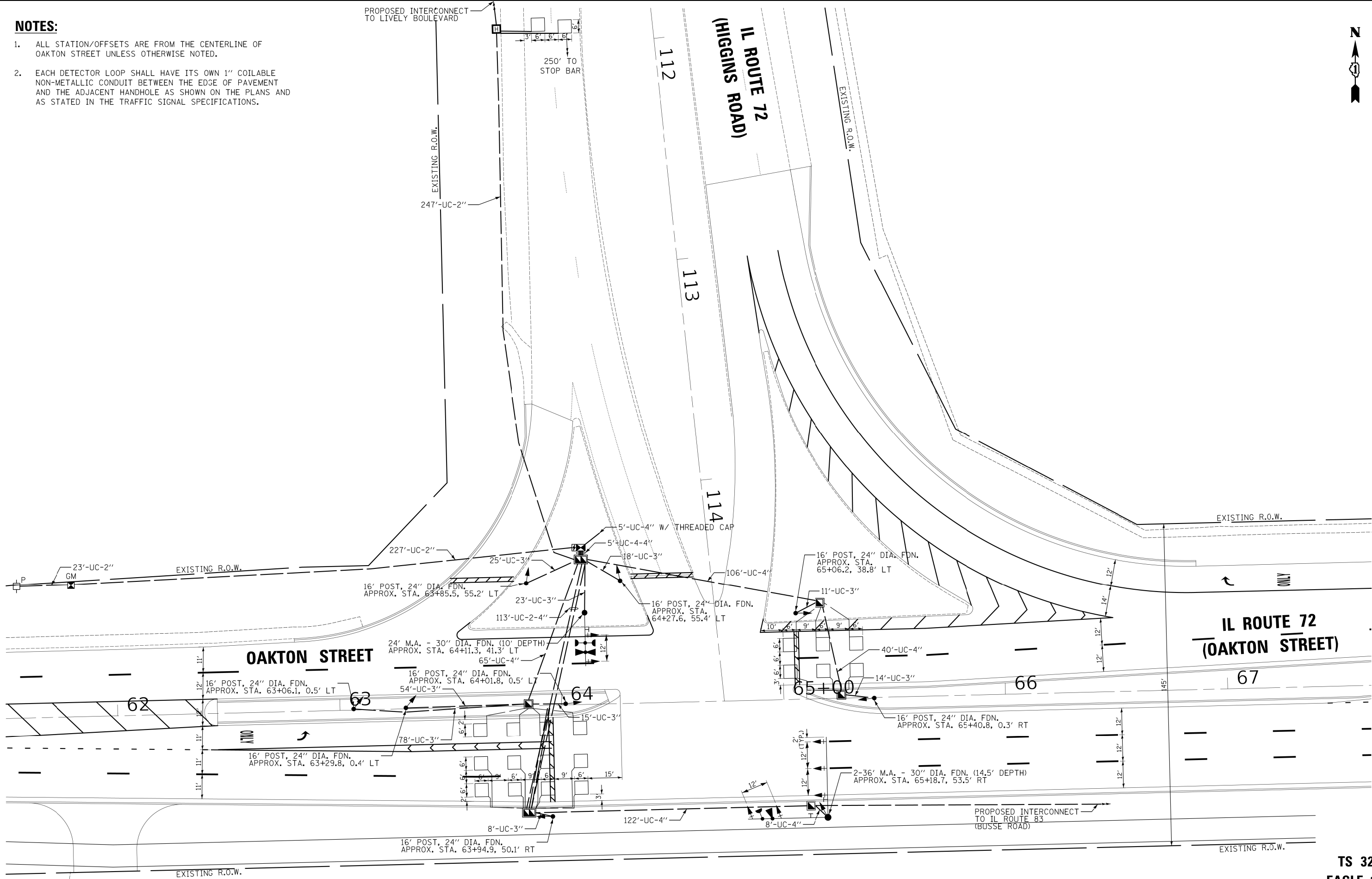
SCALE: NO SCALE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-TS	COOK	191	91
CONTRACT NO. 60P14				
ILLINOIS FED. AID PROJECT				

TS 3240
EAGLE 1M

NOTES:

1. ALL STATION/OFFSETS ARE FROM THE CENTERLINE OF OAKTON STREET UNLESS OTHERWISE NOTED.
2. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.



USER NAME = LEP
PLOT SCALE = 20.0000' / 1" =
PLOT DATE = 10/31/2019

DESIGNED - LEP
DRAWN - OJT
CHECKED - JJE
DATE - 11/1/2019

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN
IL RTE 72 (HIGGINS RD) AT IL RTE 72 (OAKTON ST) (WEST)

SCALE: 1" = 20' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-TS	COOK	191	92
CONTRACT NO. 60P14				
ILLINOIS FED. AID PROJECT				

TS 3240
EAGLE 1M

1. ALL STATION/OFFSETS ARE FROM THE CENTERLINE OF OAKTON STREET UNLESS OTHERWISE NOTED.
2. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.



FOR INFORMATION PURPOSES ONLY

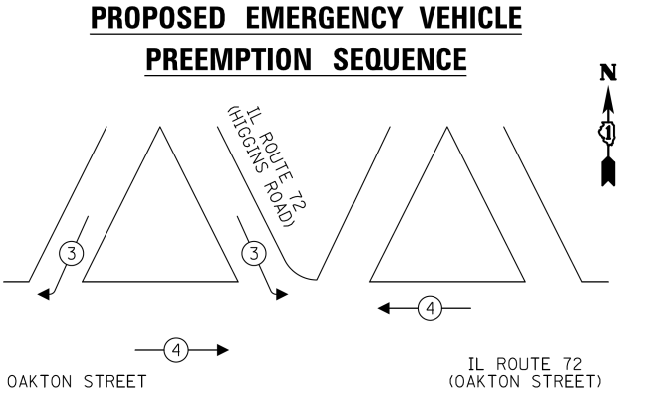
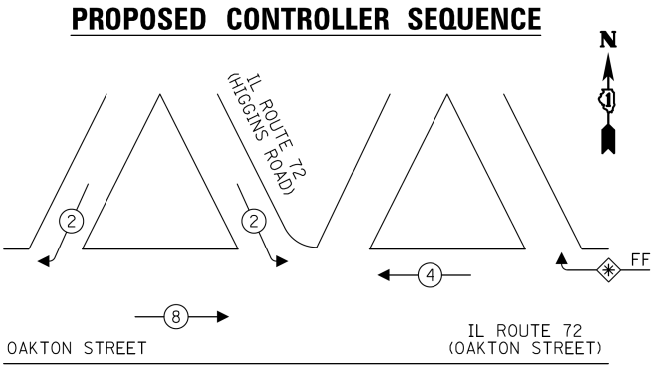
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-TS	COOK	191	93
CONTRACT NO. 60P14				
ILLINOIS FED. AID PROJECT				

USER NAME = LEP	DESIGNED - LEP	REVISED -
	DRAWN - QJT	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JJE	REVISED -
PLOT DATE = 10/31/2019	DATE - 11/1/2019	REVISED -

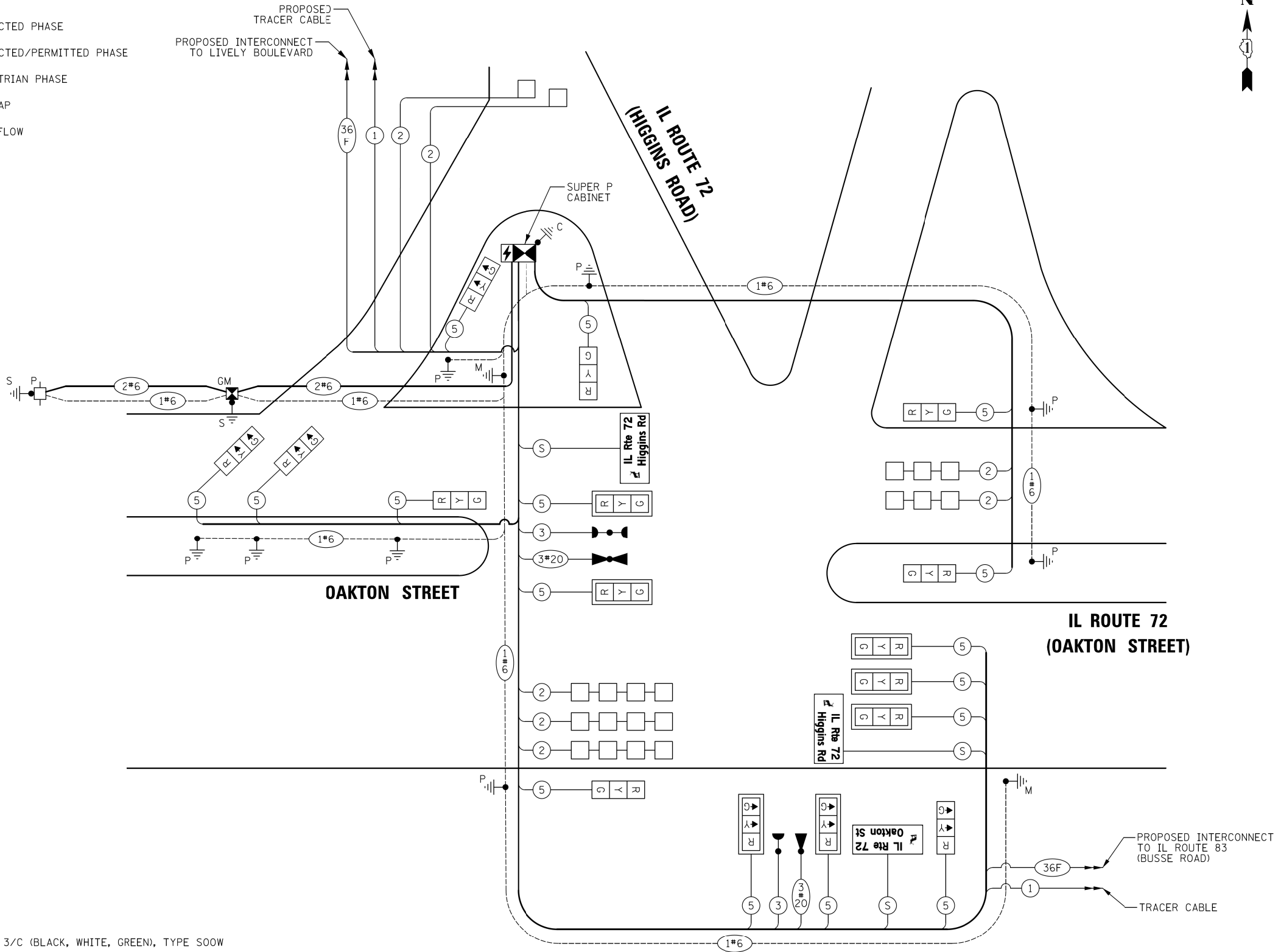
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

UTILITY PLAN
IL RTE 72 (HIGGINS RD) AT IL RTE 72 (OAKTON ST) (WEST)

SCALE: 1" = 20'	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.
-----------------	-------------------------	------	---------



- LEGEND:**
- PROTECTED PHASE
 - PROTECTED/PERMITTED PHASE
 - PEDESTRIAN PHASE
 - OVERLAP
 - FREE FLOW



CABLE PLAN
(NOT TO SCALE)

- LEGEND:**
- NO. 14 3/C (BLACK, WHITE, GREEN), TYPE SOOW

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16	11	50	88.0
(YELLOW)	16	20	5	16.0
(GREEN)	16	12	45	86.4
PERMISSIVE ARROW	-	10	10	-
PED. SIGNAL	-	20	100	-
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	3	120	50	180.0
LUMINAIRE	-	-	-	-
TOTAL =				495.4

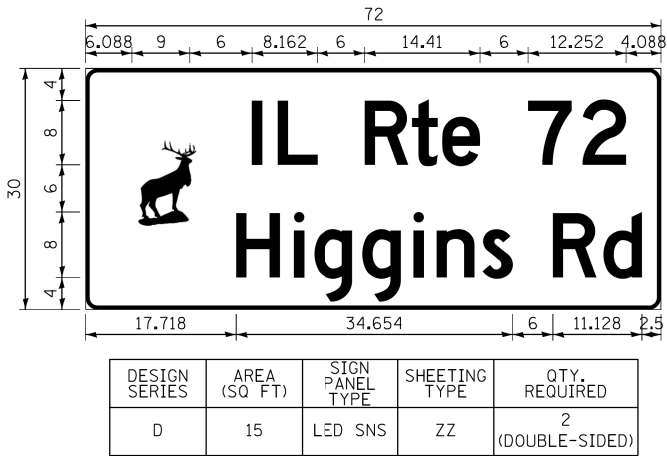
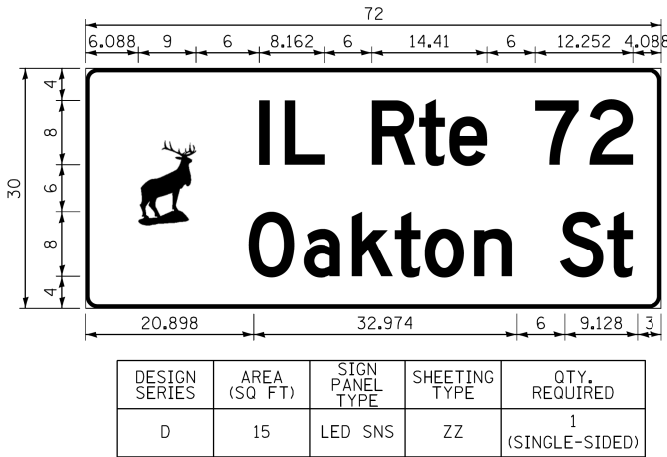
ENERGY COSTS TO:

ELK GROVE VILLAGE
901 WELLINGTON AVENUE
ELK GROVE VILLAGE, IL 60007

ENERGY SUPPLY: CONTACT: CHRISTINE LEFTWICH
PHONE: (630) 424-5124
COMPANY: COMED
ACCOUNT NUMBER: 0829153004

SIGN PANEL – ILLUMINATED STREET NAME SIGN

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	497
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	246
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	592
HANDHOLE	EACH	4
HEAVY-DUTY HANDHOLE	EACH	1
DOUBLE HANDHOLE	EACH	2
TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	433
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3307
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1260
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	289
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1201
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	8
STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 36 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	36
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	25
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	7
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	9
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	7
INDUCTIVE LOOP DETECTOR	EACH	7
DETECTOR LOOP, TYPE I	FOOT	597
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	7
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	10
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	433
LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	3
FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
ELECTRIC CABLE IN CONDUIT, STREET NAME SIGN, NO. 14 3C, TYPE SOOW	FOOT	715

TS 3240
EAGLE 1M



USER NAME = JJ@	DESIGNED - LEP	REVISED -
	DRAWN - OJT	REVISED -
PLOT SCALE = 20.0000' / 1in.	CHECKED - JJE	REVISED -
PLOT DATE = 11/1/2019	DATE - 11/1/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLUMINATED STREET NAME SIGNS AND SCHEDULE OF QUANTITIES
IL RTE 72 (HIGGINS RD) AT IL RTE 72 (OAKTON ST) (WEST)

SCALE: NO SCALE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-TS	COOK	191	95
CONTRACT NO. 60P14				
ILLINOIS FED. AID PROJECT				

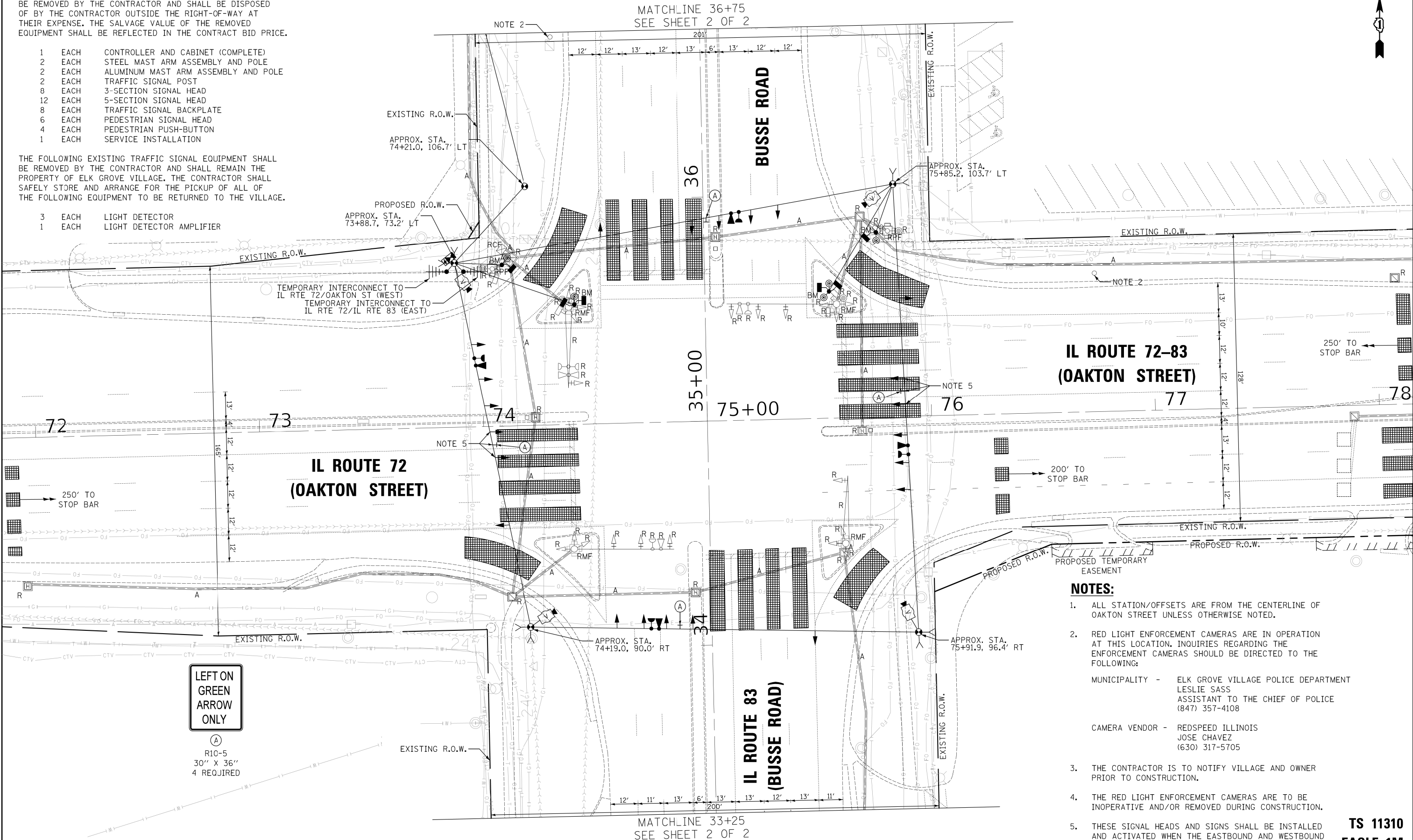
REMOVAL NOTES:

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

- | | | |
|----|------|-------------------------------------|
| 1 | EACH | CONTROLLER AND CABINET (COMPLETE) |
| 2 | EACH | STEEL MAST ARM ASSEMBLY AND POLE |
| 2 | EACH | ALUMINUM MAST ARM ASSEMBLY AND POLE |
| 2 | EACH | TRAFFIC SIGNAL POST |
| 8 | EACH | 3-SECTION SIGNAL HEAD |
| 12 | EACH | 5-SECTION SIGNAL HEAD |
| 8 | EACH | TRAFFIC SIGNAL BACKPLATE |
| 6 | EACH | PEDESTRIAN SIGNAL HEAD |
| 4 | EACH | PEDESTRIAN PUSH-BUTTON |
| 1 | EACH | SERVICE INSTALLATION |

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF ELK GROVE VILLAGE. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR THE PICKUP OF ALL OF THE FOLLOWING EQUIPMENT TO BE RETURNED TO THE VILLAGE.

- | | | |
|---|------|--------------------------|
| 3 | EACH | LIGHT DETECTOR |
| 1 | EACH | LIGHT DETECTOR AMPLIFIER |



IL ROUTE 72-83
(OAKTON STREET)

IL ROUTE 72
(OAKTON STREET)

IL ROUTE 83
(BUSSE ROAD)

NOTES:

- ALL STATION/OFFSETS ARE FROM THE CENTERLINE OF OAKTON STREET UNLESS OTHERWISE NOTED.
- RED LIGHT ENFORCEMENT CAMERAS ARE IN OPERATION AT THIS LOCATION. INQUIRIES REGARDING THE ENFORCEMENT CAMERAS SHOULD BE DIRECTED TO THE FOLLOWING:

MUNICIPALITY - ELK GROVE VILLAGE POLICE DEPARTMENT
LESLIE SASS
ASSISTANT TO THE CHIEF OF POLICE
(847) 357-4108

CAMERA VENDOR - REDSPEED ILLINOIS
JOSE CHAVEZ
(630) 317-5705

- THE CONTRACTOR IS TO NOTIFY VILLAGE AND OWNER PRIOR TO CONSTRUCTION.
- THE RED LIGHT ENFORCEMENT CAMERAS ARE TO BE INOPERATIVE AND/OR REMOVED DURING CONSTRUCTION.
- THESE SIGNAL HEADS AND SIGNS SHALL BE INSTALLED AND ACTIVATED WHEN THE EASTBOUND AND WESTBOUND DUAL LEFT TURN LANES ARE OPENED TO TRAFFIC.

TS 11310
EAGLE 1M



USER NAME = LEP

DESIGNED - LEP

DRAWN - OJT

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

REVIS

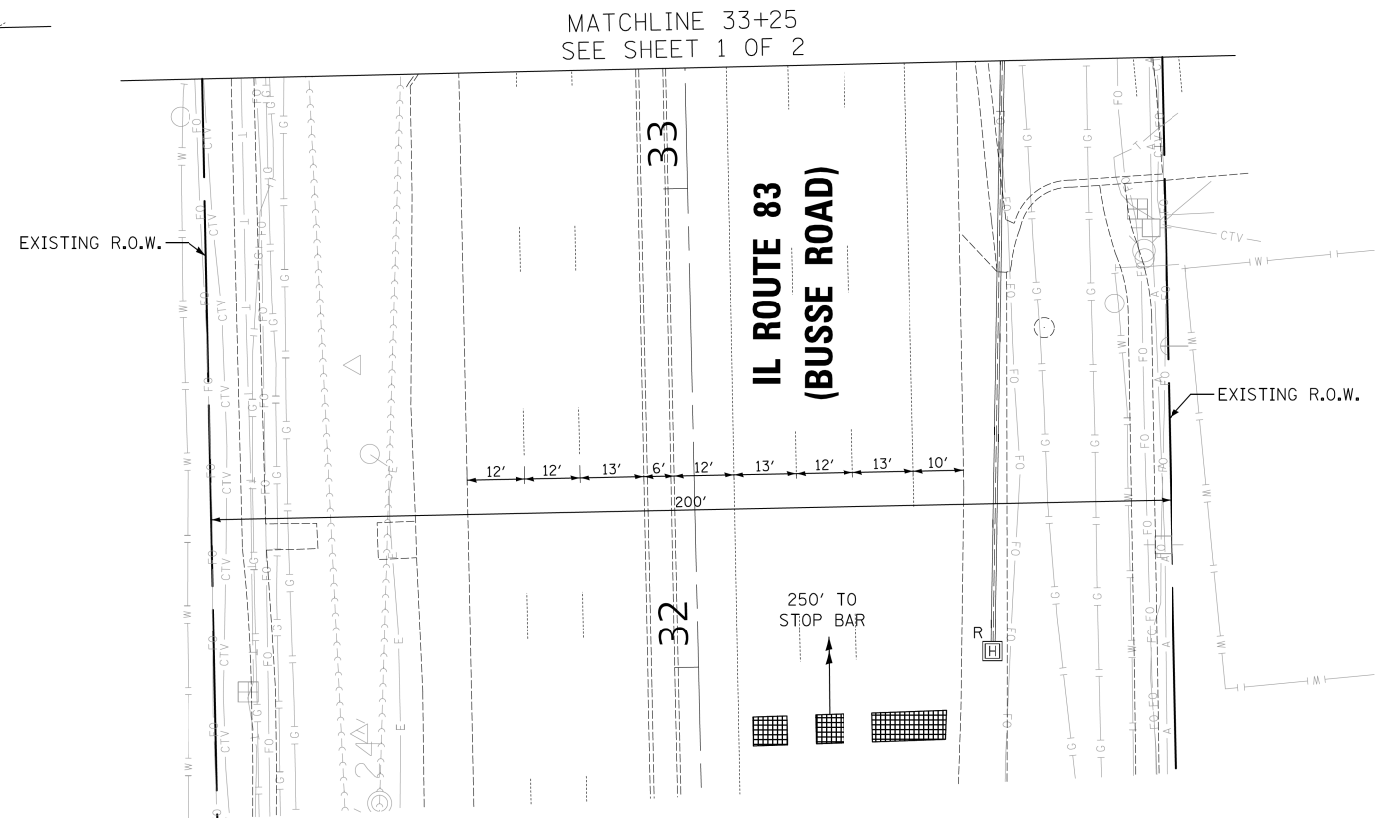
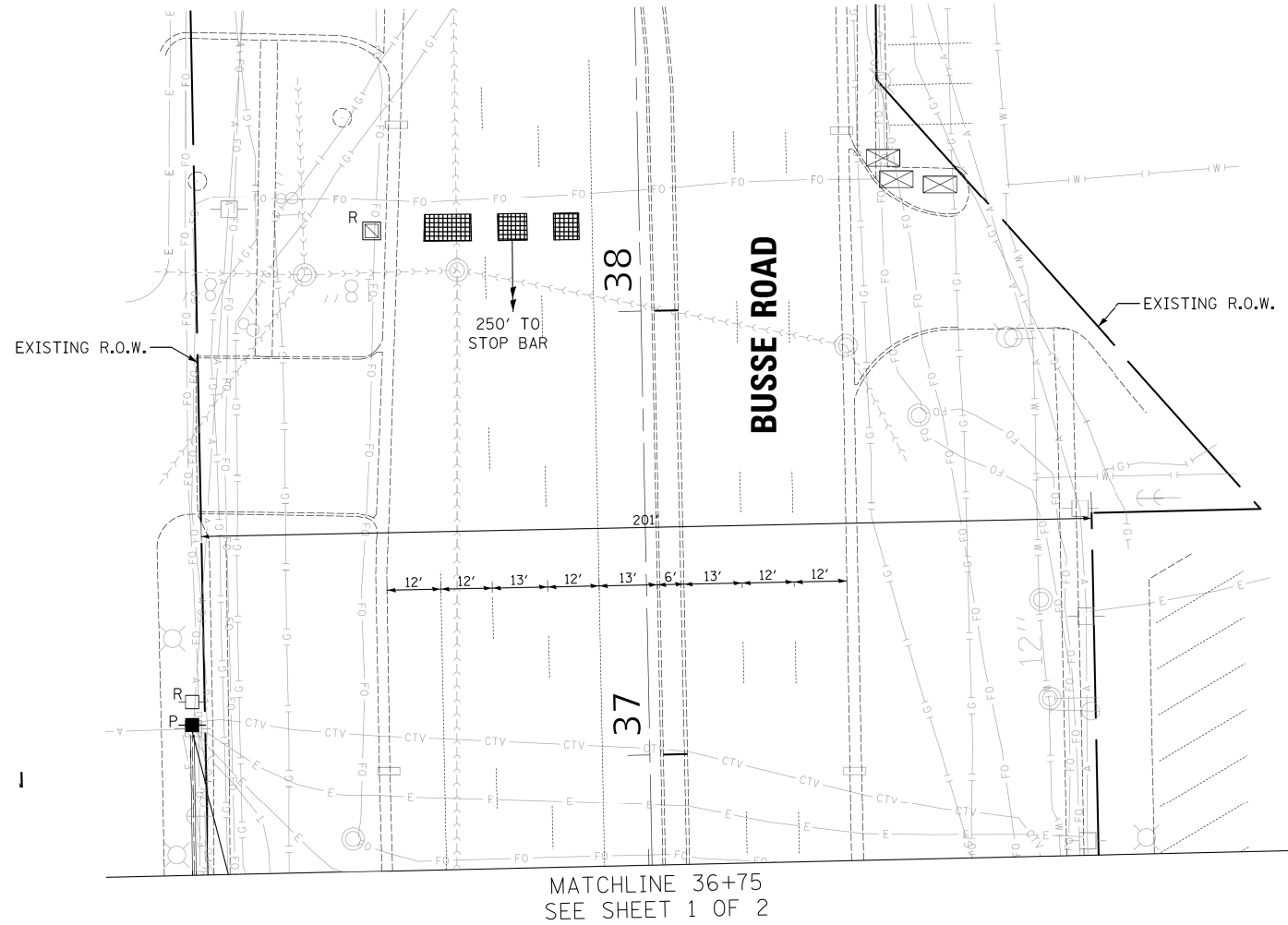
REVIS

REVIS

REVIS

REVIS

REVIS



TS 11310
EAGLE 1M



USER NAME = LEP	DESIGNED - LEP	REVISED -
	DRAWN - OJT	REVISED -
PLOT SCALE = 20.0000' / 1" =	CHECKED - JJE	REVISED -
PLOT DATE = 10/24/2019	DATE - 11/1/2019	REVISED -

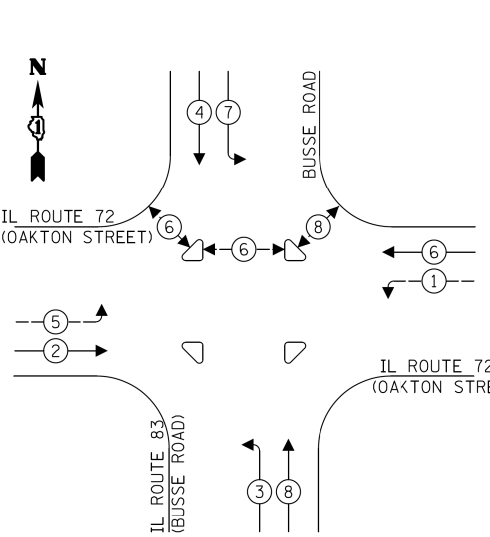
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
IL RTE 72-83 (OAKTON ST) AT IL RTE 83 (BUSSE RD) (MIDDLE)

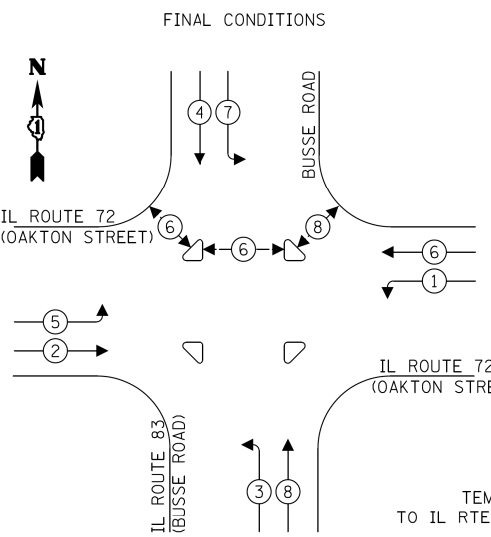
SCALE 1" = 20' SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-TS	COOK	191	97
CONTRACT NO. 60P14				
ILLINOIS FED. AID PROJECT				

TEMPORARY CONTROLLER SEQUENCE



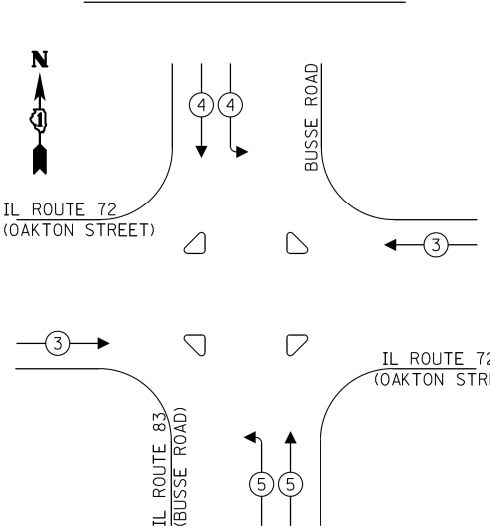
TEMPORARY CONTROLLER SEQUENCE



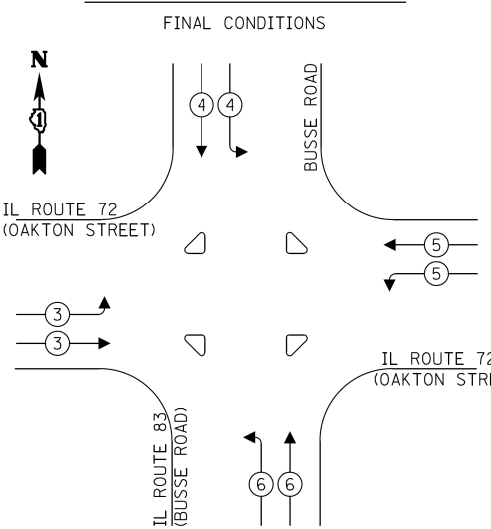
LEGEND:

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

TEMPORARY EMERGENCY VEHICLE
PREEMPTION SEQUENCE



TEMPORARY EMERGENCY VEHICLE
PREEMPTION SEQUENCE



TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	18	11	50	99.0
(YELLOW)	18	20	5	18.0
(GREEN)	18	12	45	97.2
ARROW	8	10	10	8.0
PED. SIGNAL	6	20	100	120.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
TOTAL =				617.2

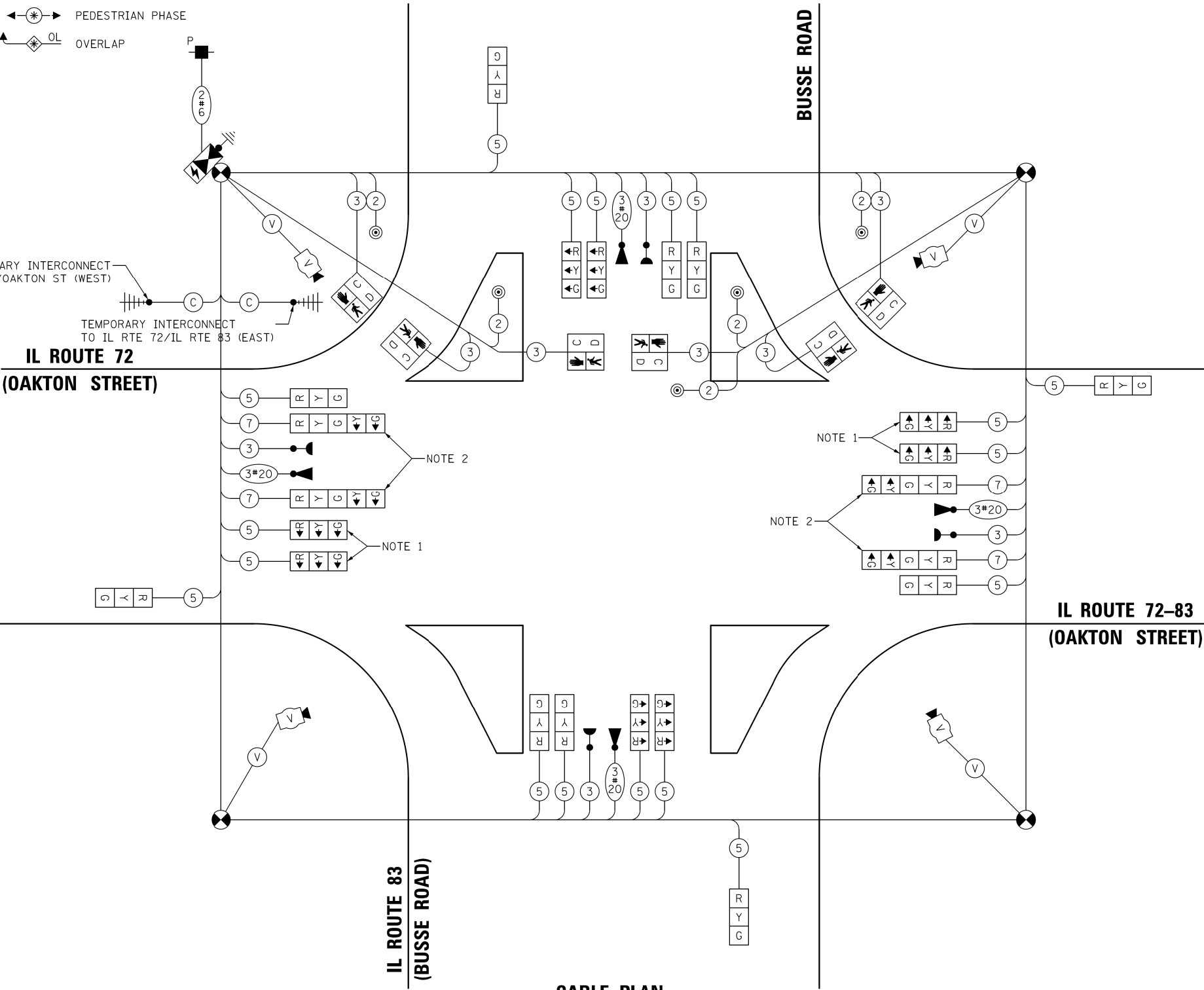
ENERGY COSTS TO:

ELK GROVE VILLAGE
901 WELLINGTON AVENUE
ELK GROVE VILLAGE, IL 60007

ENERGY SUPPLY: CONTACT: CHRISTINE LEFTWICH
PHONE: (630) 424-5124
COMPANY: COMED
ACCOUNT NUMBER: 1183141069

NOTES:

- THESE SIGNAL HEADS SHALL BE INSTALLED AND ACTIVATED WHEN THE EASTBOUND AND WESTBOUND DUAL LEFT TURN LANES ARE OPENED TO TRAFFIC.
- THE LEFT TURN SECTIONS OF THESE SIGNAL HEADS SHALL BE BAGGED AND DEACTIVATED WHEN THE EASTBOUND AND WESTBOUND DUAL LEFT TURN LANES ARE OPENED TO TRAFFIC.



CABLE PLAN
(NOT TO SCALE)



USER NAME = LEP
DESIGNED - LEP
DRAWN - OJT
CHECKED - JUE
PLOT SCALE = 20,000' / 1" =
DATE = 11/1/2019
PLOT DATE = 10/29/2019

DESIGNED - LEP
DRAWN - OJT
CHECKED - JUE
DATE = 11/1/2019

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM,
& TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
IL RTE 72-83 (OAKTON ST) AT IL RTE 83 (BUSSE RD) (MIDDLE)

SCALE: NO SCALE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-TS	COOK	191	98
CONTRACT NO. 60P14				
ILLINOIS FED. AID PROJECT				

TS 11310
EAGLE 1M

1. ALL STATION/OFFSETS ARE FROM THE CENTERLINE OF OAKTON STREET UNLESS OTHERWISE NOTED.
2. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

(A)
R10-5
30" X 36"
SIGN PANEL
TYPE 1
8 REQUIRED



USER NAME = LEP	DESIGNED = LEP	REVISED =
	DRAWN = OJT	REVISED =
PLOT SCALE = 20.0000' / 1in.	CHECKED = JJE	REVISED =
PLOT DATE = 10/31/2019	DATE = 11/1/2019	REVISED =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 72-83 (OAKTON ST) AT IL RTE 83 (BUSSE RD) (MIDDLE)

SCALE: 1" = 20'	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.
-----------------	-------------------------	------	---------

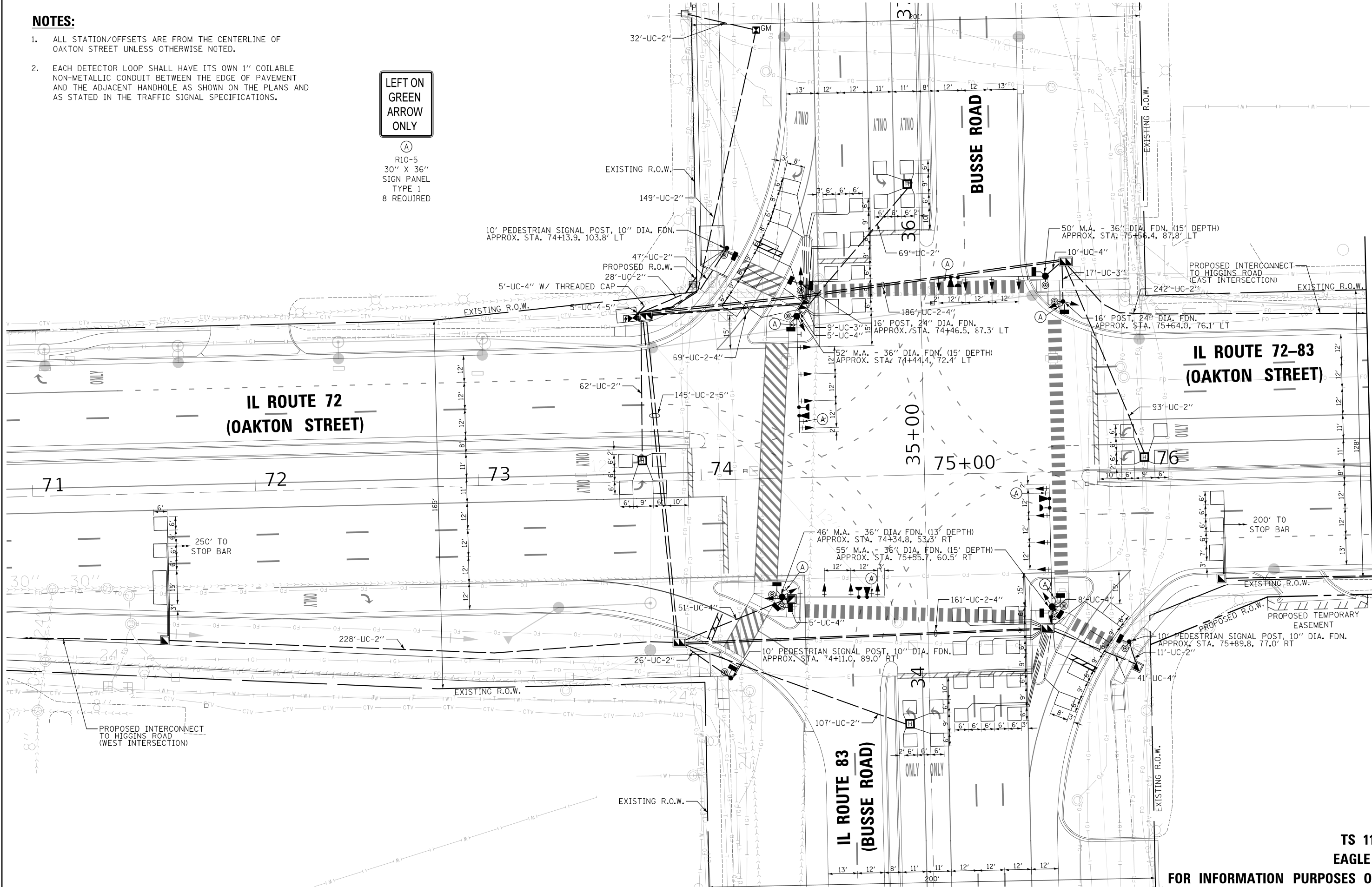
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-TS	COOK	191	99
		CONTRACT NO. 60P14		
		ILLINOIS FED. AID PROJECT		

NOTES:

1. ALL STATION/OFFSETS ARE FROM THE CENTERLINE OF OAKTON STREET UNLESS OTHERWISE NOTED.
2. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

LEFT ON
GREEN
ARROW
ONLY

Ⓐ
R10-5
30" X 36"
SIGN PANEL
TYPE 1
8 REQUIRED



MATCHLINE STA. 77+00
SEE EAST INTERSECTION PLANS



USER NAME = LEP
PLOT SCALE = 20.0000' / 1" =
PLOT DATE = 10/31/2019

DESIGNED - LEP
DRAWN - OJT
CHECKED - JJE
DATE - 11/1/2019

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

UTILITY PLAN
IL RTE 72-83 (OAKTON ST) AT IL RTE 83 (BUSSE RD) (MIDDLE)
SCALE: 1" = 20' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-TS	COOK	191	100
CONTRACT NO. 60P14				
ILLINOIS FED. AID PROJECT				

TS 11310
EAGLE 1M

FOR INFORMATION PURPOSES ONLY