06-17-2022 LETTING ITEM 004

THIS PROJECT IS LOCATED IN THE VILLAGE OF CRETE

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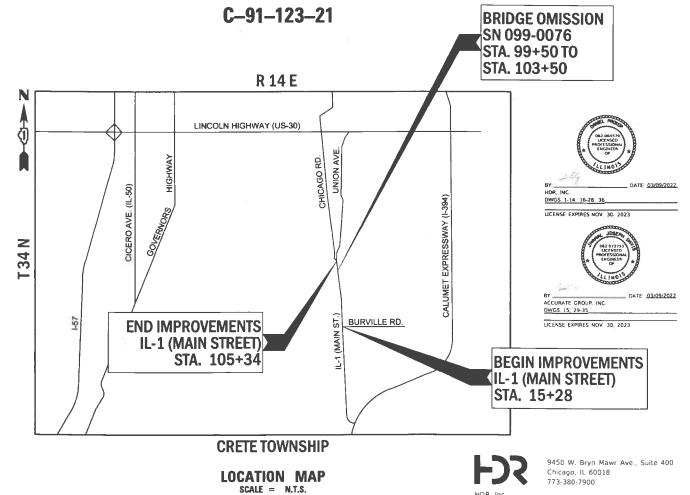
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

2021-036-RS ILLINOIS CONTRACT NO. 62N50 \* 36 + 1 = 37 TOTAL SHEETS

D-91-100-21

## **PROPOSED** HIGHWAY PLANS

F.A.P. ROUTE 876: IL-1 (MAIN STREET) UNION AVENUE TO BURVILLE ROAD **SECTION 2021–036–RS** PROJECT NHPP-LSCM(170) **SMART OVERLAY AND ADA IMPROVEMENTS WILL COUNTY** 



DESIGN FIRM REGISTRATION NUMBER 184.001070

LOCATION OF SECTION INDICATED THUS: - -

STATE OF ILLINOIS May 13, 2022

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

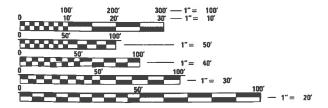
REVISED SHEET 5/31/2022

**DESIGN DESIGNATION** 

IL-1 (MAIN STREET) = OTHER PRINCIPAL ARTERIAL 2019 AADT =10,300 (UNION AVE TO W EXCHANGE ST) 6,800 (W EXCHANGE ST TO W BURVILLE RD)

FOR INDEX OF SHEETS AND STANDARDS, SEE SHEET NO. 2

POSTED SPEED LIMIT = 40 MPH (UNION AVE TO 5TH ST) **35 MPH (5TH ST TO 1ST ST)** 30 MPH (1ST ST TO CASS ST) 35 MPH (CASS ST TO BURVILLE RD)



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

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

PROJECT ENGINEER: VESELIN VELICHKOV, PE (847) 705-4432 PROJECT MANAGER: FAWAD AQUEEL, PE, PTOE

PROJECT LENGTH (GROSS/NET) = 9,006/8,606 FT (1.71/1.63 MILES)

**REV-SEP** 

CONTRACT NO. 62N50

## INDEX OF SHEETS

	<u> </u>		THO TWO TO TO THE STATE OF THE				
SHEET NO.	DESCRIPTION	STANDARD NO.	DESCRIPTION				
1	COVER SHEET	000001-08	STANDARD SYMBOL, ABBREVIATIONS AND PATTERNS				
2	INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES	424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS				
3-4	SUMMARY OF QUANTITIES	424021-06	DEPRESSED CORNER FOR SIDEWALKS				
5-6	TYPICAL SECTIONS	442201-03	CLASS C AND D PATCHES				
7-10	ROADWAY AND PAVEMENT MARKING PLAN	604001-05	FRAMES AND LIDS TYPE 1				
11-14	ADA RAMP DETAILS	604051-04	FRAME AND GRATE. TYPE 11				
15-15A	ACCESSIBLE PEDESTRIAN SIGNAL INSTALLATION PLAN	606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE				
16-17	PROJECT DETAILS FOR CURB RAMPS	000001-00	CURB AND GUTTER				
18	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD-8)	606301-04	PC CONCRETE ISLANDS AND MEDIANS				
19	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)	701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) AWAY				
20	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)	701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600				
21	BUTT JOINT AND HMA TAPER DETAILS (BD-32)	701011 04	mm) FROM PAVEMENT EDGE				
22	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)	701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY				
23	TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW	701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) to 24" (600 mm) FROM PAVEMENT EDGE				
23	RESISTANT) (TC-11)	701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5m) AWAY				
24	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)	701301-04	LANE CLOSURE 2L, 2W, SHORT TIME OPERATIONS				
25	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)	701311-03	LANE CLOSURE 2L,2W MOVING OPERATIONS-DAY ONLY				
26	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS (TC-16)	701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS $\leq$ 40 MPH				
27	ARTERIAL ROAD INFORMATION SIGN (TC-22)	701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED				
28	DRIVEWAY ENTRANCE SIGNING (TC-26)	701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH				
29 <b>-</b> 35	STANDARD TRAFFIC SIGNAL DESIGN DETAILS (TS-05)		MOUNTABLE MEDIAN				
36	DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING (TS-07)	701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION				
		701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE				
		701901-08	TRAFFIC CONTROL DEVICES				
		780001-05	TYPICAL PAVEMENT MARKINGS				
		782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS				
		886001-01	DETECTOR LOOP INSTALLATIONS				

886006-01

TYPICAL LAYOUT FOR DETECTION LOOPS

## **GENERAL NOTES** HIGHWAY STANDARDS

- ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". ADOPTED JANUARY 1. 2022 AND THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2022; THE "DETAILS" IN THE PLANS, AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS. ANY REFERENCE TO "STANDARDS" THROUGHOUT THE PLANS OR SPECIAL PROVISON SHALL BE INTERPRETED AS THE LASTEST IDOT STANDARD, SHOULD A REVISED STANDARD EXIST THAT SUPERSEDES STANDARDS REFERENCED IN THE CONTRACT DOCUMENTS THE CONTRACTOR IS RESPONSIBLE FOR SEEKING CLARIFICATION FROM THE ENGINEER BEFORE PROCEEDING WITH THE ORDERING OF MATERIALS, SCHEDULING OF PERSONNEL, PERFORMING THE WORK OR ANY OTHER ACTIVITY RELATED TO THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THE CORRECT STARNDARD BEFORE PREFORMING WORK.
- 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 HOURS NOTIFICATION REQUIRED)
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF CRETE.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT THE WRITTEN PERMISSION OF THE DEPARTMENT.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- 6. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS
- 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
- ALL PAVEMENT PATCHING, CURB AND GUTTER REMOVAL AND REPLACEMENT, STRUCTURE FRAME REPLACEMENTS, STRUCTURE ADJUSTMENTS, AND STRUCTURE/STORM SEWER TO BE CLEANED, WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONTRUCTION OF THIS PROJECT.
- 10. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- 11. 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.
- 12. 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 40 MPH OR LESS, AND 1 INCH WHERE THE SPEED LIMIT IS OVER 40 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).
- 13. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR FOR ARTERIALS AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- 14. DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" SHOWN IN THE PLANS.
- 15. PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES. THE REMOVAL OF PAVEMENT MARKING TAPE, TYPE III SHALL BE PAID FOR AS SHORT TERM PAVEMENT MARKING REMOVAL.
- 16. 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.
- 17. 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
- 18. 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.

- 19. PROPOSED SIDEWALK RAMPS SHALL CONFORM TO CURRENT ADA REQUIREMENTS AND APPLICABLE STATE HIGHWAY STANDARDS OR AS DETERMINED BY THE ENGINEER.
- 20 THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION
- 21 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.
- 22. FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART
- 23. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY OR ALL EXISTING ITEMS THAT WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S OWN EXPENSE TO THE SATIFACTION OF ENGINEER.
- 24. IDOT FACILITIES ARE NOT LOCATED BY JULIE OR DIGGER, IDOT ELECTRICAL FACILITIES INCLUDING ROADWAY LIGHTING, FIBER OPTIC, ITS EQUIPMENT, TRAFFIC SIGNAL AND PUMP STATION FACILITIES ARE LOCATED BY THE DEPARTMENT'S ELECTRICAL MAINTENANCE CONTRACTOR. AS OF THE LETTING DATE, CONTACT THE MEADE ELECTRIC COMPANY AT 773-287-7672
- 25. THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF PLATED. STRUCTURES BY STATION AND OFFSET LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT.
- QUANTITIES FOR PATCHING SHALL NOT EXCEED THOSE PROVIDED IN THE SUMMARY OF QUANTITIES UNLESS APPROVED BY THE ENGINEER. THE ENGINEER WILL VERIFY FINAL PATCH LOCATIONS IN THE FIELD, PRIOR TO REMOVAL.
- 27. THE RESIDENT ENGINEER SHALL CONTACT THE AREA TRAFFIC FIELD ENGINEER, ERIC CAMPOS, AT ERIC.CAMPOS@ILLINOIS.GOV TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- 28. THE CONTRACTOR SHALL USE 3 CHANGEABLE MESSAGE SIGNS AT LOCATIONS TO BE DETERMINED BY THE ENGINEER FOR A PERIOD FROM ONE WEEK PRIOR TO THE START OF CONSTRUCTION TO THE CONCLUSION OF THE PROJECT.
- 29. INLET FILTERS SHALL BE USED ON ALL OPEN GRATE DRAINAGE STRUCTURES WITHIN THE PROJECT LIMITS. THE QUANTITIES IN THE PLANS REFLECTS THIS.
- 30. ALL LOOSE MATERIAL DEPOSITED IN THE FLOWLINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF INLET FILTERS.
- 31. ALL RAISED REFELCTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (TC-11)" STANDARD DETAIL.
- 32. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH DISTRICT ONE TYPICAL PAVEMENT MARKING DETAIL TC-13
- 33. ALL MILLED SURFACES SHALL BE AT A UNIFORM CROSS SLOPE PER LANE AND FREE OF RIDGES BETWEEN PASSES. ANY DEVIATIONS SHALL BE CORRECTED AT NO COST
- 34. ONLY CORNERS WITH CURB RAMP IMPROVEMENT SYMBOLS WILL BE RECONSTRUCTED UNDER THIS CONTRACT.

√ı∖ REVISED SHEET 5/31/2022

HDR ENGINEERING, INC. 9450 W. BRYN MAWR AVE ROSEMONT, IL 60018

JSER NAME = ANAGY DESIGNED - MSM REVISED - <u>1</u> 5/16/2022 DRAWN - HL REVISED HECKED - JRY REVISED REVISED I OT DATE = 3/18/2022 DATE

STATE OF ILLINOIS

INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES IL-1 - MAIN ST. (UNION AVE. TO BURVILLE RD.) SHEET 1 OF 1 SHEETS STA.

SECTION 876 36 2 2021-036-RS WILL CONTRACT NO. 62N50

**REV-SEP** 

HDR ENGINEERING, INC. 9450 W. BRYN MAWR AVE. ROSEMONT, IL 60018

\* - DENOTES SPECIALTY ITEM

**LEGEND** 

USER NAME = RAZEVEDO DESIGNED - MSM REVISED \_ DRAWN - HL REVISED PLOT SCALE = 200.0000 ' / in. CHECKED - JRY REVISED . PLOT DATE = 3/18/2022 DATE - 3/18/2022 REVISED \_

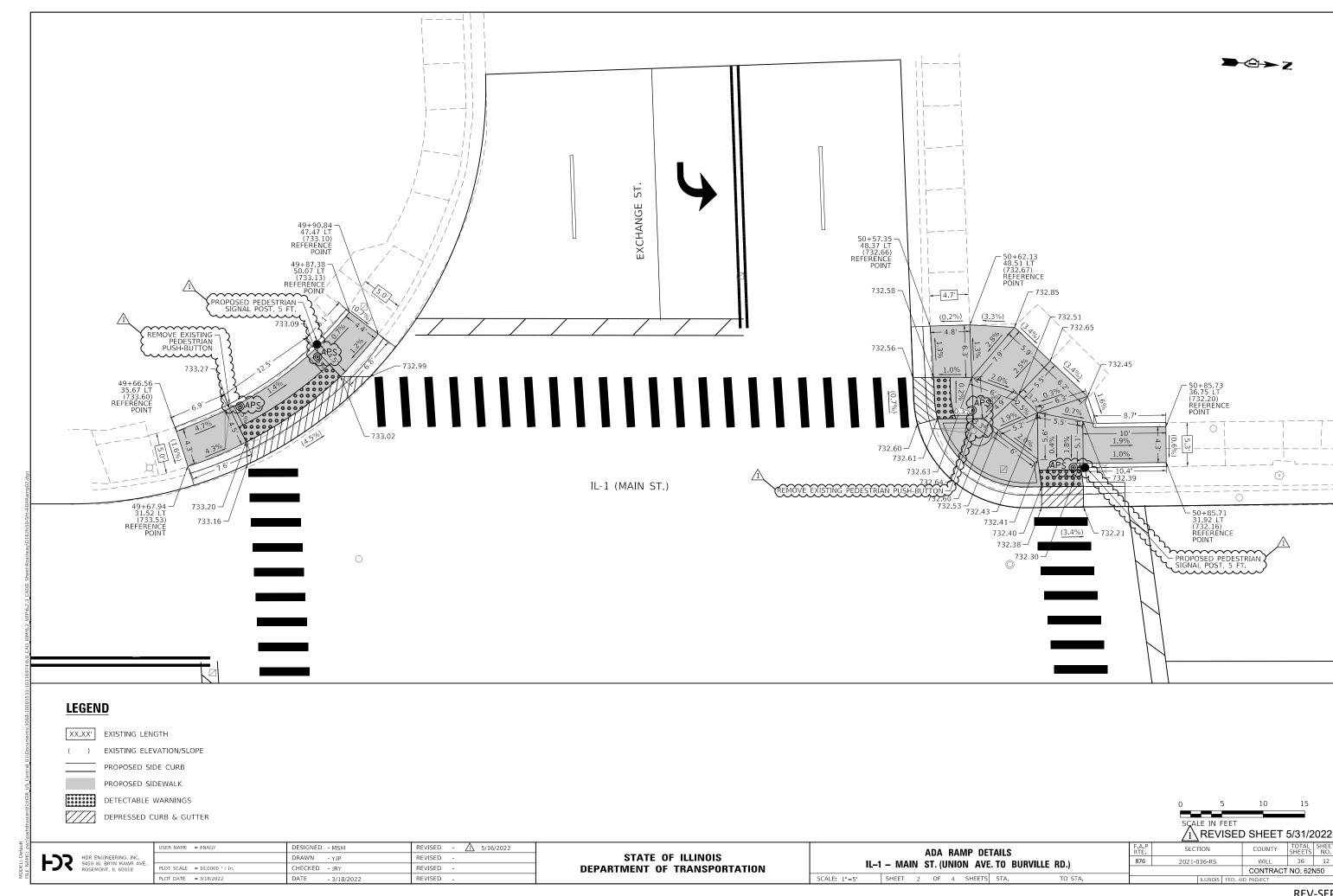
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**  SCALE: N.T.S. | SHEET 2 OF 2 SHEETS STA.

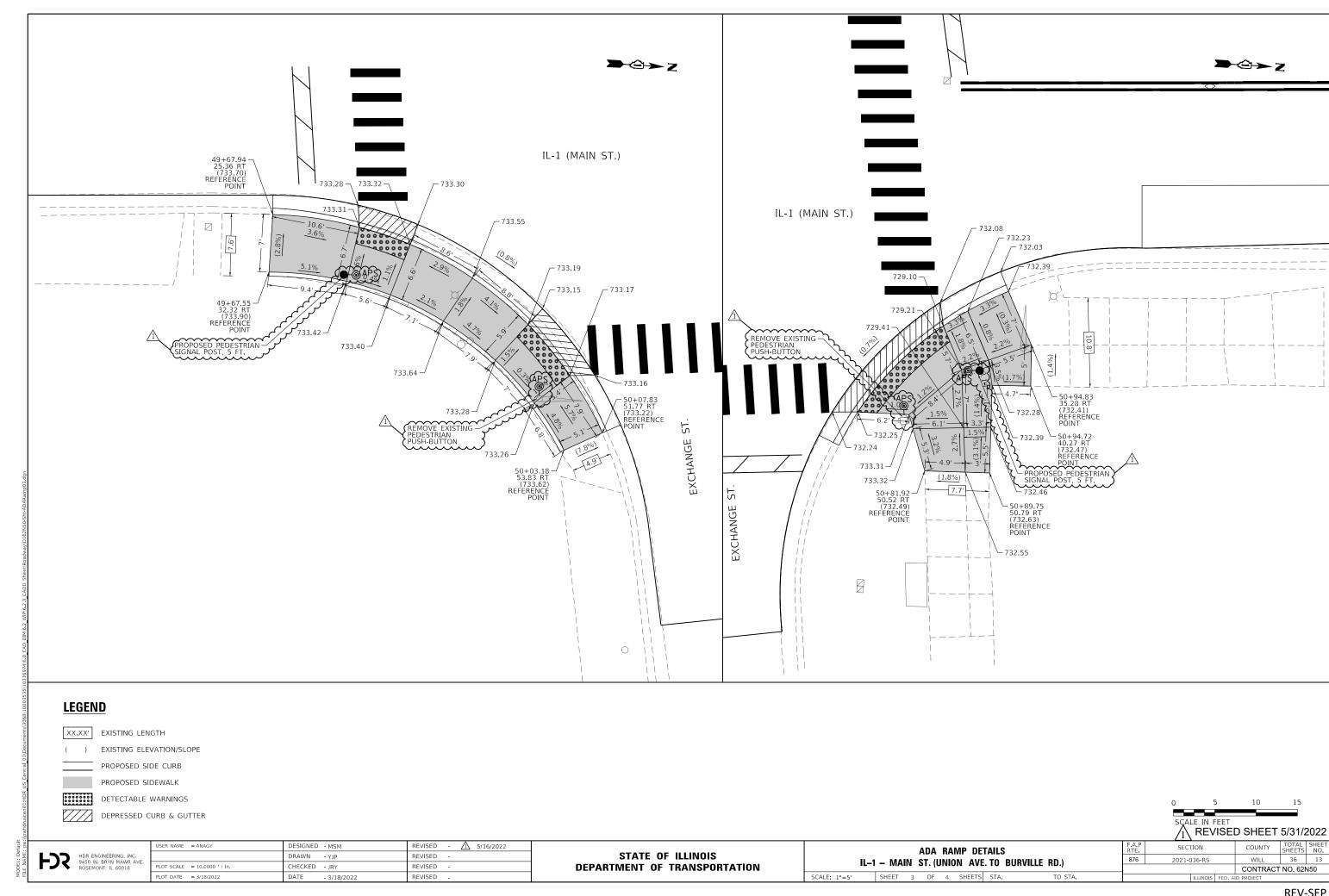
ILLINOIS | FED. AID PROJECT

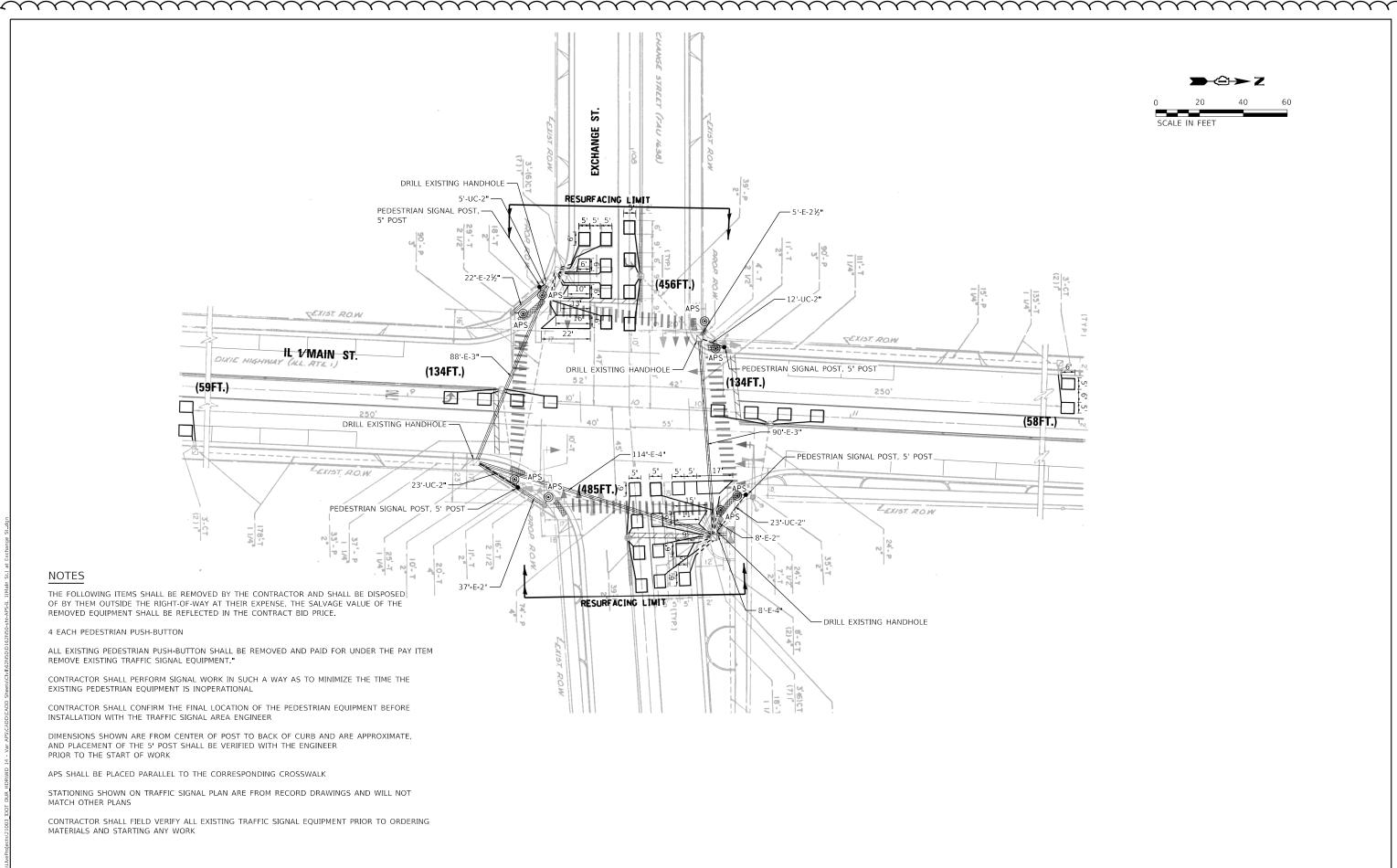
REVISED SHEET 5/31/2022									
SUMMARY OF QUA	NTITIES			F.A.P RTE.		SECTION	COUNTY	TOTAL SHEETS	SHE
IL-1 - MAIN ST. (UNION AVE.	876	20	21-036-RS	WILL	36	4			
							CONTRACT	NO. 62	N50

	CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY URBAN	0005 80% FED 20% STATE	0005 100% STATE	0021 80% FED 20% STATE	
	70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	17,501	17,501			
	70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	776	776			
	70300251	TEMPORARY PAVEMENT MARKING - LINE 8"- PAINT	FOOT	185	185			
	70200261	TEMPODADY DAVEMENT MADVING LINE 12" DAINT	FOOT	2 274	2 274			
	70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	2,274	2,274			
	70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	284	284			
	70300281	TEMPORANI PAVEMENT MARKING - LINE 24 - PAINT	FOOT	204	204			
	70306120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE III TAPE	FOOT	10,510	10,510			
					11,011			
*	72000100	SIGN PANEL - TYPE 1	SQ FT	33	33			
•								
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	299	299			
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	17,501	17,501			
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	776	776			
*	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	185	185			
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2,274	2,274			
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	284	284			
*	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	40	40			
*	78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	5	5			
*	70000024	MADVIED URETUANS DAVENENT MADVING. LINE 24	5007	30	70			
	76009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	39	39			
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	506	506			
	70100100		Liter:	300	500			
*	78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	5	5			
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	506	506			
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	9,187	9,187			
			(		~~~	~~~~	· · · · · · · · · · · · · · · · · · ·	` •
*	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	63 -40-			63 -40-	
								)
*	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1			1	
			(	mm	<u> </u>	<u>~~~~</u>	mm	)
*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	637 <del>1,274</del>			637 1,274	3
		ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO.	<u> </u>	90			00	}
*	87301900	6 1C	FOOT	89 <del>60</del>			89 -60	3/1
			<u> </u>	4			4	3
*	X X X X	DRILL EXISTING HANDHOLE	EACH	-			<del>-</del>	3
* (	1	DETECTOR LOOP REPLACEMENT	FOOT	1,326	uuu.		1,326	3
Ø		TRAINEES	HOURS	500	500			
Ø TI VT IAI	Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOURS	500	500			

	CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY URBAN_	0005 80% FED 20% STATE	0005 100% STATE	0021 80% FED 20% STATE	
* {	89500400	RELOCATE EXISTING PEDESTRIAN PUSH BUTTON	EACH				<del>~~~</del>	ŘΛ
	<del>uu</del>		<del>uuu</del>	<del>uuu</del>	<del>uuu</del>	<del>uuu</del>	<del>uuu</del>	1/21
*	00503300	MODIFY FYISTING CONTROLLED	FACU					-
•	89502200	MODIFY EXISTING CONTROLLER	EACH	1			1	-
	$\sim$	······································	$\sim$	<u>~~~</u>	· · · · · · · · · · · · · · · · · · ·	~~~~	~~~	<b>h</b> ,
* }	<del>-89502300</del>	REMOVE ELECTRIC CABLE FROM CONDUIT	гоот	691			691	\(\frac{1}{2}\)
(			<del>uuu</del>	<del>uu</del>	<del>uuu</del>	<del>uuu</del>	<del>uuu</del>	γ—
*	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1			1	1
								-
							_	-
*	89502376	REBUILD EXISTING HANDHOLE	EACH	1			1	1
	X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1			
								1
	X0327611	REMOVE AND REINSTALL BRICK PAVER	SQ FT	488	488			1
			,					-
	waz			_				-
	X0326681	REMOVE AND RE-ERECT BOULDERS	L SUM	1	1			1
				mm	<u> </u>	mm	mim	<del></del>
*	X1400378	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	4 3			4 -3	
				<del>uu</del>	<del>uuu</del>		<del>uuu</del>	<del>ا</del> —
	X2010100	TREE LIMB REMOVAL (4 TO 10 INCHES DIAMETER)	EACH	2	2			1
					_			-
								-
	X2010350	TREE REMOVAL, ACRES (SPECIAL)	ACRE	0.25	0.25			
	X2100002	PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE	UNIT	2	2			
								1
	X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS	FOOT	312	312			1
	X4400301	THAN OR EQUAL TO 10 FEET	1001	312	312			-
								_
	X5538000	STORM SEWERS TO BE CLEANED 18"	FOOT	850		850		
	X5538200	STORM SEWERS TO BE CLEANED 24"	FOOT	500		500		]
								1
	X5538600	STORM SEWERS TO BE CLEANED 36"	FOOT	300		300		1
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	STORY DEWELD TO BE CELLINED SO		500		500		-
								-
	X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	46	46			
	X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	12	12			
								1
*	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8			8	1
				_			_	-
			- 0	16	mm	m	16	ħΛ
*	X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	10 12 12			12	<u> </u>
								ľ
	Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	1,245	1,245			
								1
	Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	87		87		1
								-
								-
	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	115	115			
			<u></u> _					
*	Z0033044	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1			1	
								1 .
*	88600100	DETECTOR LOOP, TYPE I	FOOT	1,326	$\overline{m}$	· · · · · · · · · · · · · · · · · · ·	1,326	$\mathbb{R} \Lambda$
7	333331	William Conf. 11761		1,320	<del>uuu</del>	L	1,320	₹
								_
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REVISED ENTIRE SHEET 5/31/2022 TS 7500

**>**-2-> Z



USER NAME = jdavis	DESIGNED - JLS	REVISED - /1\ 5/16/2022
	DRAWN - JLS	REVISED -
PLOT SCALE = 40.000 ' / in.	CHECKED - JJD	REVISED -
PLOT DATE = 5/18/2022	DATE - 05/05/2022	REVISED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

ACCESSIBLE PEDESTRIAN SIGNAL INSTALLATION PLAN							F.A.P. RTE	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
IL RTE 1 (MAIN ST) AT W EXCHANGE ST								2021-036-RS		WILL	36	15
IL NIE I (IVIAIN SI) AI W EXCHANGE SI										CONTRACT	NO. 62	2N50
SCALE: NONE	SHEET	1 OF	2	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT					

## **SCHEDULE OF QUANTITIES →**�→ Z TOTAL ITEM DESCRIPTION UNIT QTY UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA 63 MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C 637 ELECTRIC CABLE IN CONDUIT, EQUIPMENT FOOT 89 GROUNDING CONDUCTOR, NO. 6 DETECTOR LOOP, TYPE I FOOT 1326 DRILL EXISTING HANDHOLE EACH MODIFY EXISTING CONTROLLER EACH REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT EACH PEDESTRIAN SIGNAL POST, 5 FT. EACH ACCESSIBLE PEDESTRIAN SIGNALS RYG CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER 16 FOOT \$\\ \cdot\\ \c RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1 EACH IL RTE 1 (MAIN ST) **EXISTING CONTROLLER SEQUENCE** LEGEND 83 PROTECTED PHASE PROTECTED/PERMITTED PHASE **∢**-(\*)- ▶ PEDESTRIAN PHASE **♦** OL OVERLAP \* NUMBER REFERS TO ASSOCIATED PHASE IL RTE 1 (MAIN ST) **4**-6)-► 74 **EXISTING EMERGENCY VEHICLE** TRAFFIC SIGNAL PREEMPTION SEQUENCE **ELECTRICAL SERVICE REQUIREMENTS** OPERATION LAMPS WATTAGE WATTAGE SIGNAL 16 88 (RED) (YELLOW) 16 20 16 (GREEN) 87 PERMISSIVE ARROW 16 10 10 16 PED. SIGNAL 100 160 CONTROLLER 100 100 100 25 4—4— IL RTE 1 (MAIN ST) TOTAL = ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION 201 CENTER CT SCHAUMBURG, IL 60196 **CABLE PLAN** ENERGY SUPPLY: CONTACT: <u>ILYAS MOHIUDDIN</u> PHONE: (708) 235-2692 NOT TO SCALE COMPANY: COMMONWEALTH EDISON TS 7500 ADDED ENTIRE SHEET 5/31/2022 ACCOUNT NUMBER: DESIGNED - DW REVISED - 1 5/16/2022 ACCESSIBLE PEDESTRIAN SIGNAL INSTALLATION PLAN STATE OF ILLINOIS DRAWN -DW REVISED Accurate 36 15A 2021-036-RS WILL IL RTE 1 (MAIN ST) AT W EXCHANGE ST HECKED -REVISED **DEPARTMENT OF TRANSPORTATION** CONTRACT NO. 62N50 SHEET 2 OF 2 SHEETS STA. LOT DATE = 5/18/2022 REVISED