

STATE OF ILLINOIS
CITY OF SPRINGFIELD

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-SP	SANGAMON	82	1
				ILLINOIS CONTRACT NO. 93749

PLANS FOR PROPOSED HIGHWAY
SAFETY IMPROVEMENT PROGRAM
FAU 8014 (WALNUT STREET)
SECTION 17-00484-00-SP
PROJECT NO. N7W2(765)



INDEX OF SHEETS

- 1 COVER SHEET
- 2-3 GENERAL NOTES
- 4-5 SUMMARY OF QUANTITIES
- 6 TYPICAL SECTIONS
- 7-10 SCHEDULE OF QUANTITIES
- 11-12 ALIGNMENT, TIES, AND BENCHMARKS
- 13-16 REMOVAL PLAN
- 17-20 ROADWAY PLAN
- 21 EROSION AND SEDIMENT CONTROL PLAN
- 22-55 MAINTENANCE OF TRAFFIC
- 56-57 DRAINAGE DETAIL
- 58-62 INTERSECTION DETAIL
- 63-69 PAVEMENT MARKING AND SIGNING PLAN
- 70-82 TRAFFIC SIGNAL PLAN

HIGHWAY STANDARDS

- 000001-07 701611-01
- 001001-02 701701-10
- 001006 701801-06
- 280001-07 701901-08
- 420001-09 720001-01
- 424001-11 720006-04
- 424006-04 720011-01
- 424011-04 720016-04
- 424021-05 728001-01
- 424026-03 780001-05
- 602301-04 814001-03
- 604006-05 862001-01
- 606001-07 873001-02
- 606201-04 876001-04
- 701006-05 877001-08
- 701301-04 877011-10
- 701311-03 878001-10
- 701501-06 880006-01
- 701502-09 886001-01
- 701606-10

PR END SIGNING AND STRIPING STA 47+00.00

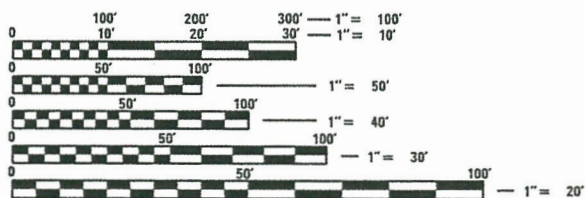
PR END ROADWAY IMPROVEMENTS STA 42+56.50

PR BEGIN ROADWAY IMPROVEMENTS STA 0+24.50



NET LENGTH: 4,675.50 FT (0.886 MI)

FAU 8014 (WALNUT STREET)
FUNCTIONAL CLASS = MINOR ARTERIAL
ADT = 8,200 (2017)

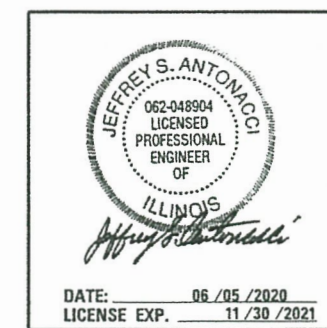
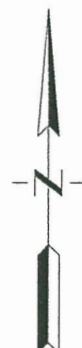


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER
PROJECT MANAGER

CONTRACT NO. 93749



DATE: 06/05/2020
LICENSE EXP. 11/30/2021

KNIGHT
Engineers & Architects
3200 Pleasant Run
Suite A
Springfield, IL 62711
Phone: (217) 546-7455

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED July 14, 2020
Notter Batten CITY ENGINEER

July 16, 2020
Bullard LOCAL ROADS & STREETS ENGINEER

July 16, 2020
Joe P. McAnis REGIONAL FOUR ENGINEER

GENERAL NOTES

1. THE STANDARDS AND REVISION NUMBERS LISTED SHALL APPLY TO THIS PROJECT.
2. THESE PLANS HAVE BEEN PREPARED USING STANDARD SYMBOLS AS INDICATED IN THESE PLANS, AND THEY SHALL TAKE PRECEDENCE OVER THOSE SHOWN ON STANDARD 000001 IF THERE IS A CONFLICT.
3. BEFORE ORDERING STORM SEWERS, INLETS, PIPE CULVERTS, PIPE DRAINS, AND MANHOLES, THE CONTRACTOR SHALL CONTACT THE ENGINEER AS TO THE EXACT LENGTH AND QUANTITY REQUIRED.
4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
5. THE CONTRACTOR SHALL PROTECT UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.39 OF THE STANDARD SPECIFICATIONS. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, BY CONTACTING THE UTILITY COMPANY DIRECTLY.

IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR HAS TAKEN THE FOREGOING INTO CONSIDERATION IN SUBMITTING HIS BID, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY DELAYS OR INCONVENIENCES CAUSED BY THE SAME.

THE INFORMATION AND DATA SHOWN OR INDICATED ON THESE IMPROVEMENT PLANS WITH RESPECT TO EXISTING UNDERGROUND FACILITIES AND UTILITIES AT OR CONTIGUOUS TO THE SITE IS BASED ON INFORMATION AND DATA FURNISHED BY THE OWNERS OF SUCH UNDERGROUND FACILITIES AND UTILITIES OR BY OTHERS. FIELD MARKINGS OFFACILITIES IN CRITICAL AREAS MAY BE OBTAINED BY PROVIDING A MINIMUM OF 96 HOURS ADVANCE NOTICE TO THE RESIDENT ENGINEER SO THAT UTILITIES CAN BE GIVEN NOTICE. NO GUARANTEE IS IMPLIED AS TO THE ACCURACY OR COMPLETENESS OF ANY SUCH INFORMATION OR DATA; AND CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR:
 i) REVIEWING AND CHECKING ALL SUCH INFORMATION AND DATA, VERIFYING IF ANY CONFLICTS EXIST WITH THE PROPOSED WORKED AND UNDERGROUND FACILITIES AND UTILITIES SHOWN OR INDICATED ON THE IMPROVEMENT PLANS; ii) COORDINATION OF THE WORK WITH THE OWNERS OF SUCH UNDERGROUND FACILITIES AND UTILITIES DURING CONSTRUCTION; AND iii) THE SAFETY AND PROTECTION OF ALL SUCH UNDERGROUND FACILITIES AND UTILITIES AND REPAIR ANY DAMAGE THERETO RESULTING FROM THE WORK AT HIS EXPENSE.

J.U.L.I.E. 1-800-892-0123

AMEREN ILLINOIS - GAS & ELECTRIC
 101 W. WASHINGTON STREET
 SPRINGFIELD, ILLINOIS
 (888) 659-4540

CITY WATER LIGHT & POWER - ELECTRIC
 1008 MILLER STREET
 SPRINGFIELD, ILLINOIS
 (217) 789-2121

AMERITECH TELEPHONE CO.
 555 E. COOK ST.
 SPRINGFIELD, ILLINOIS
 (217) 753-2973

CITY WATER LIGHT & POWER - WATER
 11TH & MASON STREETS
 SPRINGFIELD, ILLINOIS
 (217) 789-2323

COMCAST CABLE TELEVISION
 3405 FREEDOM DRIVE
 SPRINGFIELD, ILLINOIS
 (800) 934-6489

6. ALL UTILITIES, IF ENCOUNTERED, TO BE RELOCATED BY OTHERS.
7. FULL DEPTH SAW CUTTING ON ALL EDGES FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM AS INDICATED AND IN ACCORDANCE WITH SECTION 440 OF THE STANDARD SPECIFICATIONS.
8. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SANDBAGS PER BARRICADE.
9. ALL AREAS DISTURBED WITHIN OR BEYOND THE CONSTRUCTION LIMITS FOR ANY REASON SHALL BE SEEDED WITH CLASS 2 SEEDING, AS DIRECTED BY THE ENGINEER. NUTRIENTS SHALL CONFORM TO ARTICLE 250.04. FINAL SEEDING SHALL BE PERFORMED AS SOON AS POSSIBLE.
10. MULCH, AS APPLIED TO FINAL SEEDING (CLASS 2), SHALL CONFORM TO SECTION 251 OF THE STANDARD SPECIFICATIONS. MULCH UNLESS OTHERWISE PERMITTED BY THE ENGINEER, SHALL CONFORM TO METHOD 2 AS SPECIFIED IN ARTICLE 251.03 (b).
11. ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATE BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE A COPY OF THE MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.
12. THE THICKNESS OF HMA MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OF BASE ON WHICH THE HMA MIXTURE IS PLACED.
13. THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.
14. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS/HER OPERATIONS.
15. THE CONTRACTOR SHALL MAINTAIN ACCESS CONTROL AT ALL TIMES DURING CONSTRUCTION.

GENERAL NOTES (CONTINUED)

16. ALL SIGNS AND DELINEATORS CONFLICTING WITH TRAFFIC CONTROL OR CONSTRUCTION SHALL BE REMOVED AND REPLACED BY THE CONTRACTORS. THIS WORK WILL BE INCLUDED WITH THE COST FOR TRAFFIC CONTROL ON THE PROJECT. IN ADDITION, THE COST TO RELOCATE SIGNS DESIGNATED ON THE PLAN SHEETS WILL ALSO BE INCIDENTAL TO THE TRAFFIC CONTROL FOR THOSE AREAS.
17. NOTIFY CITY 48 HOURS IN ADVANCE OF SIGNS TO BE REMOVED THAT ARE IN CONFLICT WITH CONSTRUCTION. THE CONTRACTOR SHALL NOT REMOVE ANY SIGNS UNLESS INSTRUCTED TO DO SO BY THE CITY'S RESIDENT ENGINEER.

ELECTRICAL NOTES

1. ALL CONTROLLER FOUNDATIONS ARE TO HAVE TWO (2) STUBBED OFF AND CAPPED 2" PVC CONDUITS, 2 FOOT LONG, HANDHOLES AND DOUBLE HANDHOLES TO HAVE ONE (1) STUBBED OFF 2" PVC, CAPPED.
2. SIGNAL SECTIONS ARE TO BE 12" SECTIONS. PEDESTRIAN SECTIONS ARE TO BE 9" SECTIONS AND BE SYMBOL-TYPE LENS.
3. THE CABINET IS TO BE ALUMINUM FINISH, UNPAINTED.
4. THE MAST ARMS ARE TO GALVANIZED FINISHED, UNPAINTED.
5. ALL SIGNAL POSTS, SIGNAL HEADS, BACKPLATES AND HARDWARE ARE TO BE PAINTED SEMI-GLOSS BLACK.
6. A PULL ROPE IS TO BE LEFT IN ALL CONDUITS.
7. THE MAST ARM SIGNAL CABLES ARE TO GO BACK TO THE CONTROLLER AS INDIVIDUAL CABLES.
8. ALL DETECTOR LOOP LEAD-IN SPLICES SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
9. SEE "JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS" (J.U.L.I.E.) IN SPECIAL PROVISIONS. CALL 800-892-0123 ONE WEEK BEFORE YOU DIG.
10. ALL REMOVED SIGNAL EQUIPMENT AND ELECTRICAL CABLES SHALL BE DELIVERED TO THE CITY OF SPRINGFIELD MAINTENANCE FACILITY. THE CITY ENGINEER SHALL BE CONTACTED PRIOR TO DELIVERY OF EQUIPMENT.

COMMITMENTS

1. THE RESIDENT ENGINEER SHALL CONTACT THE CITY OF SPRINGFIELD PUBLIC WORKS DEPARTMENT CONCERNING ANY MAJOR PLAN CHANGES TO MAKE SURE NO PREVIOUS COMMITMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN AND ALLOW AN IMPROVED DESIGN FOR FUTURE PROJECTS.

RATES OF APPLICATION TABLE

SEEDING AREA	
NITROGEN FERTILIZER NUTRIENT	135 LBS/ACRE
PHOSPHORUS FERTILIZER NUTRIENT	45 LBS/ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS/ACRE
MULCH	2 TONS/ACRE
AGGREGATE (SURFACE, BASE, SUBBASE, OR BACKFILL)	2.05 TONS/CU YD
BITUMINOUS MATERIALS PRIME COAT ON AGGREGATE	0.25 GAL/SQ. YD.
BITUMINOUS MATERIALS TACK COAT	0.08 GAL/SQ. YD.

HOT MIX ASPHALT MIXTURE TABLE

MIX USE:	HMA SURFACE	HMA LEVELING BINDER
PG:	SBS PG 70-28	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50
MIX COMPOSITION:	IL-9.5	IL-9.5
FRICTION AGGREGATE:	MIX "D"	MIX "D"
QUALITY MANAGEMENT:	QC/QA	QC/QA

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	USER NAME = JLeaf	DESIGNED KES	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p align="center">GENERAL NOTES & LEGEND</p>	F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN KES	REVISED -			8014	17-00484-00-5P	SANGAMON	82	2
		CHECKED JSA	REVISED -			CONTRACT NO. 93749				
	PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -	SCALE: AS SHOWN	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

TRAFFIC SIGNAL PLAN LEGEND

ITEM	REMOVAL	EXISTING	PROPOSED
ALUMINUM MAST ARM ASSEMBLY AND POLE			
STEEL MAST ARM ASSEMBLY AND POLE			
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			
SIGNAL POST			
CONTROLLER CABINET			
MASTER CONTROLLER			
RAILROAD CONTROLLER			
UNINTERRUPTABLE POWER SUPPLY			
TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT MINIMUM			
TEMPORARY WOOD POLE W/ GUY			
SERVICE INSTALLATION (P) POLE OR (G) GROUND MOUNT			
TEMPORARY SIGNAL HEAD			
SIGNAL HEAD (NUMBER INDICATE NUMBER OF SECTIONS)			
SIGNAL HEAD WITH BACKPLATE			
FLASHER INSTALLATION (S DENOTES SOLAR POWER)			
PEDESTRIAN SIGNAL HEAD			
PEDESTRIAN PUSH-BUTTON DETECTOR			
ACCESSIBLE PEDESTRIAN PUSH-BUTTON DETECTOR			
PRIORITY VEHICLE DETECTOR			
CONFORMATION BEACON			
VIDEO DETECTOR SYSTEM			
HANDHOLE			
DOUBLE HANDHOLE			
HEAVY DUTY HANDHOLE			
JUNCTION BOX			
GULFBOX JUNCTION			
CONDUIT SPLICE			

ITEM

REMOVAL

EXISTING

PROPOSED

DETECTOR LOOP LARGE			
DETECTOR LOOP SMALL			
QUADRAPOLE DETECTOR LOOP			
DIRECT CONNECTED LOOP LEAD-IN (TWISTED)			
UNDERGROUND CONDUIT (UC)			

LENGTH - CONSTRUCTION (T=TRENCH, P=PUSHED, A=AGUERED, E= EXISTING)
 SIZE - TYPE (S=STEEL, P=PVC, F=FIBER DUCT, U=UNI-DUCT)

15'-UC
3" PVC

15'-UC
3" PVC

TRAFFIC SIGNAL DETAIL LEGEND

ITEM

REMOVAL

EXISTING

PROPOSED

SIGNAL SECTION - SOLID RED			
SIGNAL SECTION - SOLID YELLOW			
SIGNAL SECTION - SOLID GREEN			
SIGNAL SECTION - RED TURN ARROW			
SIGNAL SECTION - YELLOW TURN ARROW			
SIGNAL SECTION - FLASHING YELLOW ARROW			
SIGNAL SECTION - GREEN TURN ARROW			
PEDESTRIAN SIGNAL HEAD			
PEDESTRIAN SIGNAL HEAD W/ COUNTDOWN TIMER			
TRAFFIC SIGNAL BACKPLATE			
SIGNAL SECTION WITH LOUVRE			
SIGNAL SECTION WITH DUAL INDICATION			
ELECTRIC CABLE (NUMBER INDICATES NUMBER OF CONDUCTORS)			
ELECTRIC CABLE IDENTIFIER TAPE CODES (R=RED, W=WHITE, Y=YELLOW, G=GREEN, B=BLUE, O=ORANGE, V=VIOLET, P=PINK)			
DETECTOR LOOP			
QUADRAPOLE DETECTOR LOOP			

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<p>KNIGHT Engineers & Architects</p>	USER NAME = Jleaf	DESIGNED KES	REVISED -
		DRAWN KES	REVISED -
		CHECKED JSA	REVISED -
	PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES & LEGEND

SCALE: AS SHOWN SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	3
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				

SP	PAY ITEM NUMBER	ITEM DESCRIPTION	UNIT	CONSTR. CODE
				TOTAL QUANTITY
	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	1.0
	20200100	EARTH EXCAVATION	CU YD	345.0
	20800150	TRENCH BACKFILL	CU YD	3.0
	25000200	SEEDING, CLASS 2	ACRE	0.25
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	23.0
	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	23.0
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	23.0
	35101600	AGGREGATE BASE COURSE, TYPE B, 4"	SQ YD	2685.0
	35400400	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9"	SQ YD	106.0
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	26124.0
	40600990	TEMPORARY RAMP	SQ YD	477.0
*	40602978	HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50	TON	918.0
	40604160	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5 MIX "D", N50	TON	1835.0
	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	974.0
	42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	3360.0
	42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	2583.0
	42400800	DETECTABLE WARNINGS	SQ FT	569.0
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	970.0
	44000300	CURB REMOVAL	FOOT	606.0
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	3257.0
	44000600	SIDEWALK REMOVAL	SQ FT	6075.0
	550A0050	STORM SEWERS, CLASS A, TYPE 1, 12"	FOOT	19.0
	55100500	STORM SEWER REMOVAL 12"	FOOT	23.0
	60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	4.0
	60255500	MANHOLES TO BE ADJUSTED	EACH	1.0
	60260100	INLETS TO BE ADJUSTED	EACH	1.0
	60500060	REMOVING INLETS	EACH	4.0
	60600605	CONCRETE CURB, TYPE B	FOOT	825.0
	60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	3839.0

△ SPECIALTY ITEMS

SP	PAY ITEM NUMBER	ITEM DESCRIPTION	UNIT	CONSTR. CODE
				TOTAL QUANTITY
*	67100100	MOBILIZATION	L SUM	1.0
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	120.0
	70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	230.0
△	72000100	SIGN PANEL - TYPE 1	SQ FT	249.0
	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	64.0
△	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	278.0
△	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1729.0
△	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	16382.0
△	78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	68.0
△	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1289.0
△	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	229.0
△	* 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	75.0
△	* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	155.0
△	* 81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	105.0
△	* 81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	372.0
△	* 81028380	UNDERGROUND CONDUIT, PVC, 3 1/2" DIA.	FOOT	171.0
△	* 81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	14.0
△	* 81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	4.0
△	* 81400740	DOUBLE HANDHOLE, COMPOSITE CONCRETE	EACH	2.0
△	* 85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	2.0
△	* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1100.0
△	* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	591.0
△	* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2800.0
△	* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	827.0
△	* 87301265	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 9C	FOOT	309.0
△	* 87301275	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 12C	FOOT	886.0
△	* 87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	590.0
△	* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO.6 2C	FOOT	256.0
△	* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO.6 1C	FOOT	1065.0

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	USER NAME = Jleaf	DESIGNED KES	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT DATE = 7/13/2020	CHECKED JSA	REVISED -			8014	17-00484-00-SP	SANGAMON	82	4
	DATE 06/19/2020	REVISED -		SCALE: AS SHOWN	SHEET NO. 1 OF 2 SHEETS	STA. TO STA.	CONTRACT NO. 93749			
							ILLINOIS FED. AID PROJECT			

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SP	PAY ITEM NUMBER	ITEM DESCRIPTION	UNIT	CONSTR. CODE	
				ROADWAY	TOTAL QUANTITY
△ *	87502690	TRAFFIC SIGNAL POST, ALUMINUM 15 FT.	EACH	8.0	
△	87600100	PEDESTRIAN PUSH-BUTTON POST, TYPE 1	EACH	3.0	
△	87700200	STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	3.0	
△	87700210	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1.0	
△	87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1.0	
△	87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1.0	
△	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	24.0	
△	87800200	CONCRETE FOUNDATION, TYPE D	FOOT	7.0	
△	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	66.0	
△	87900200	DRILL EXISTING HANDHOLE	EACH	5.0	
△	88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	8.0	
△	88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	10.0	
△	88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4.0	
△	88040230	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4.0	
△	88040250	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED	EACH	4.0	
△ *	88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	10.0	
△ *	88102845	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	3.0	
△ *	88200100	TRAFFIC SIGNAL BACKPLATE	EACH	14.0	
△	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1.0	
△	89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1.0	
△	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1329.0	
△	89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	280.0	
△ *	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2.0	
△	89502380	REMOVE EXISTING HANDHOLE	EACH	7.0	
△	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	8.0	
△ *	X0326266	ETHERNET SWITCH	EACH	2.0	
△ *	X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	3206.0	
△ *	X1400007	FIBER OPTIC CABLE IN CONDUIT, 24 FIBERS, SINGLE MODE	FOOT	900.0	
△ *	X1400012	REMOVE AND REINSTALL FIBER OPTIC CABLE IN CONDUIT	FOOT	150.0	

△ SPECIALTY ITEMS

SP	PAY ITEM NUMBER	ITEM DESCRIPTION	UNIT	CONSTR. CODE	
				ROADWAY	TOTAL QUANTITY
*	X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	21727.0	
*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1.0	
△ *	X8100105	CONDUIT SPLICE	EACH	1.0	
△ *	X8570215	FULL-ACTUATED CONTROLLER IN EXISTING CABINET	EACH	1.0	
△ *	X8880010	ADA PEDESTRIAN PUSH-BUTTON	EACH	16.0	
△ *	Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	3.0	
*	Z0013798	CONSTRUCTION LAYOUT	L SUM	1.0	
△ *	Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	3.0	
*	Z0076600	TRAINEES	HOURL	1000.0	
*	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURL	1000.0	



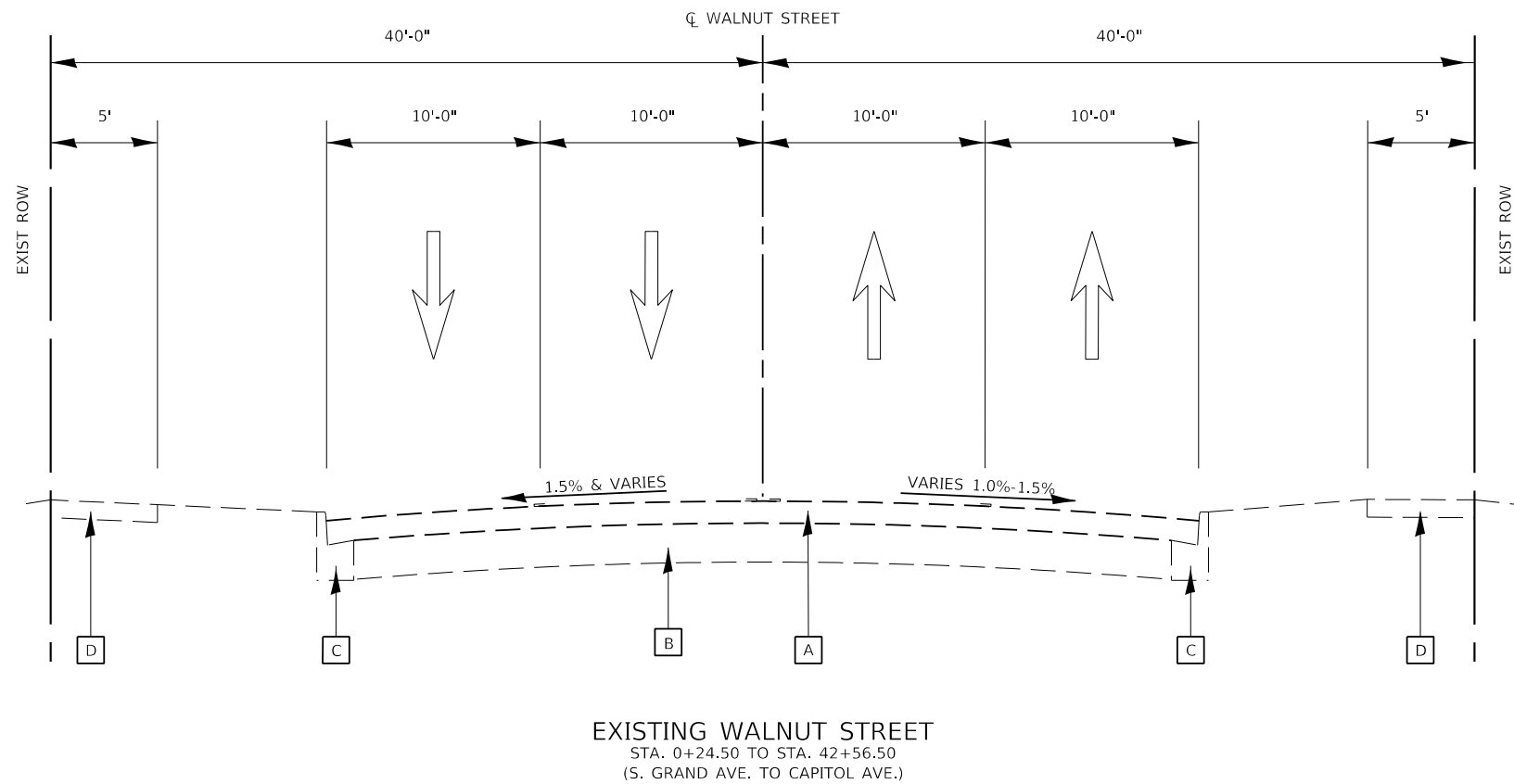
USER NAME = MLorentz	DESIGNED KES	REVISED -
	DRAWN KES	REVISED -
	CHECKED JSA	REVISED -
PLOT DATE = 7/23/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

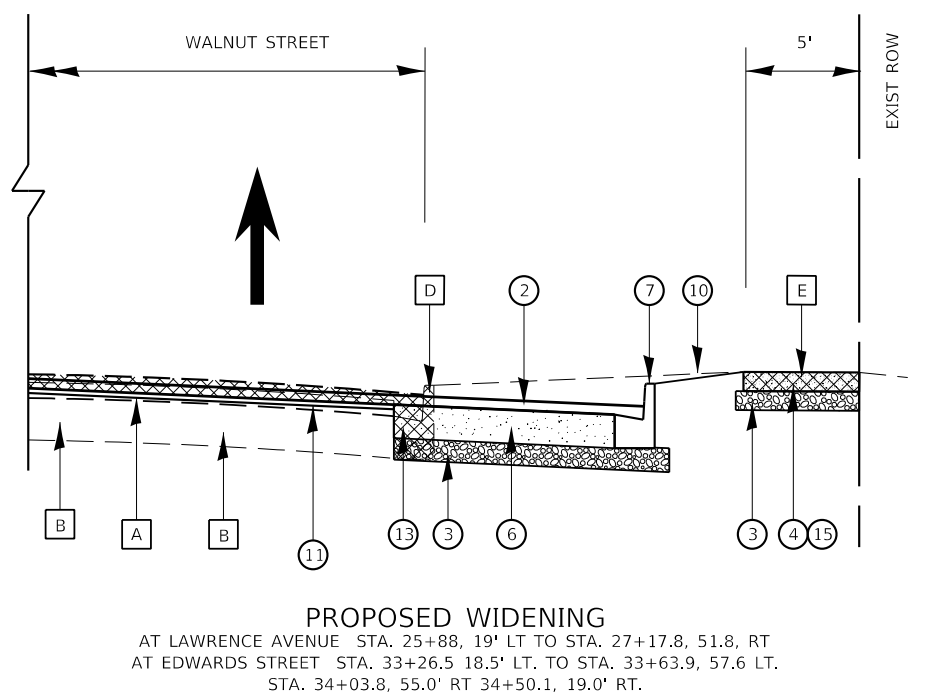
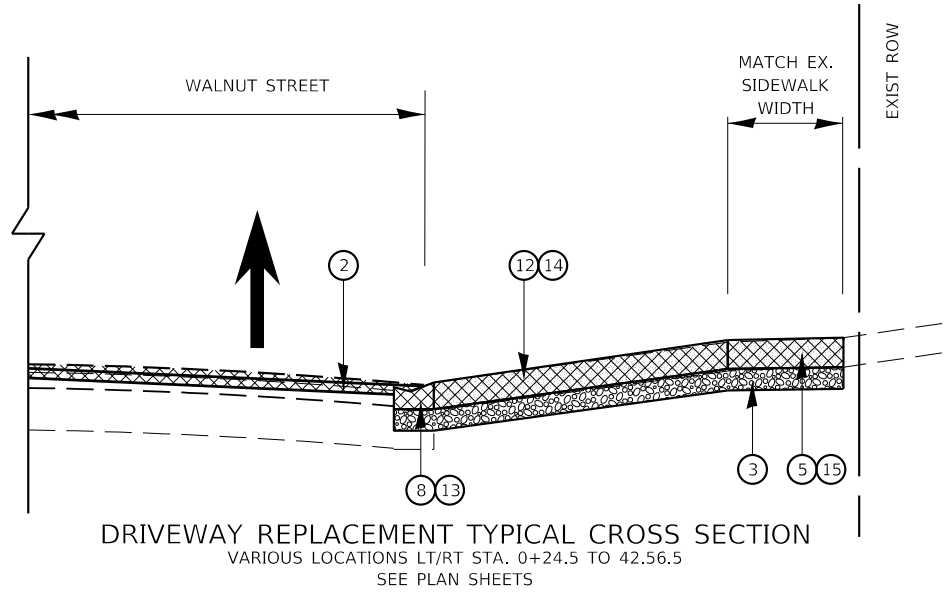
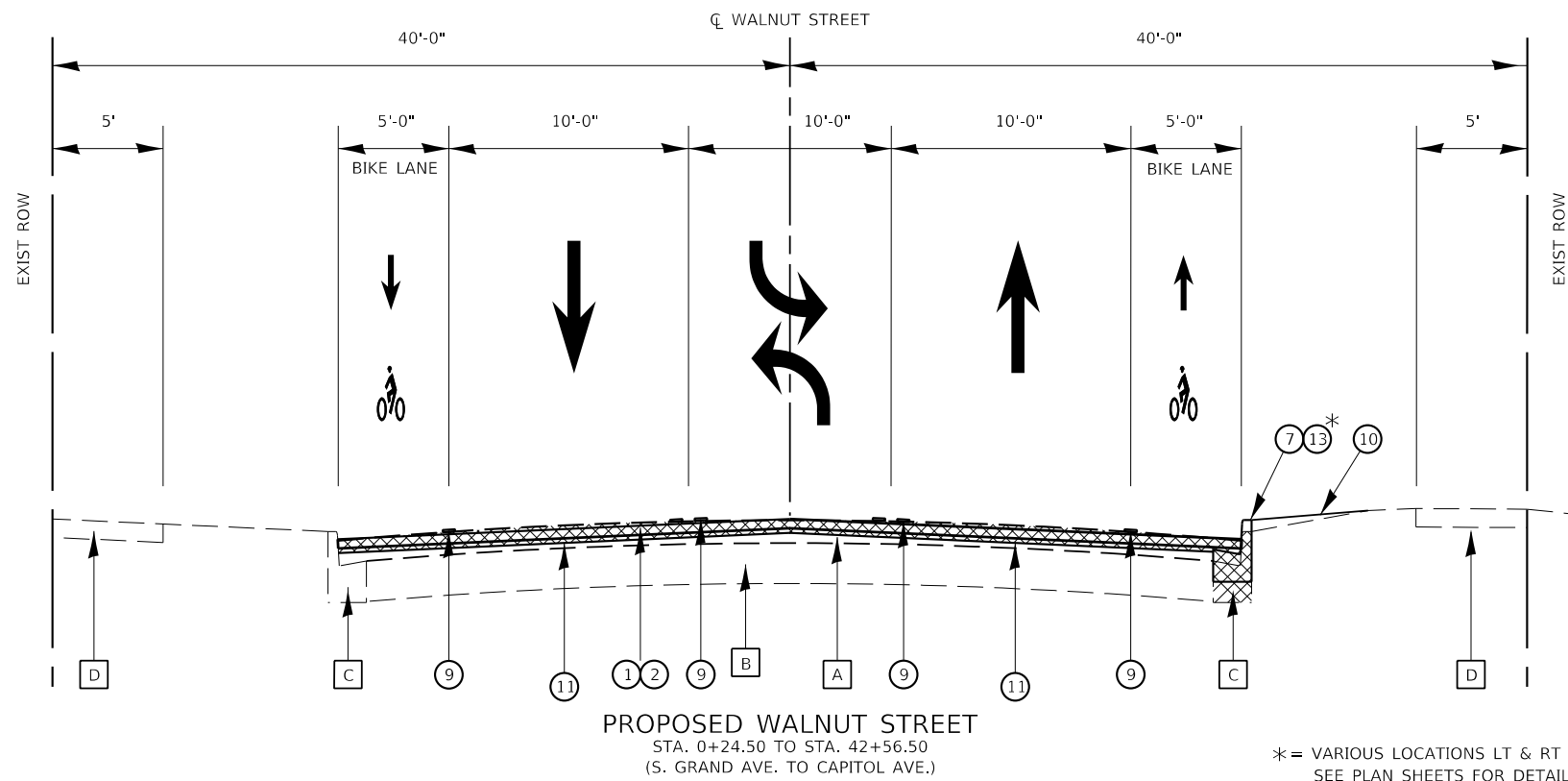
SUMMARY OF QUANTITIES

SCALE: AS SHOWN | SHEET NO. 2 OF 2 SHEETS | STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-SP	SANGAMON	82	5
CONTRACT NO. 93749			ILLINOIS FED. AID PROJECT	



- LEGEND**
- A EXISTING HOT-MIX ASPHALT BINDER AND SURFACE CSE
 - B EXISTING P.C.C PAVEMENT, 8"
 - C EXISTING CONCRETE CURB AND GUTTER, TYPE B-6.18
 - D EXISTING P.C.C. SIDEWALK, 4"
 - 1 PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2"
 - 2 PROPOSED HOT-MIX ASPHALT SURFACE COURSE 1 1/2"
 - 3 PROPOSED AGGREGATE BASE COURSE, TYPE B, 4"
 - 4 PROPOSED P.C.C. SIDEWALK 4"
 - 5 PROPOSED P.C.C. SIDEWALK 6"
 - 6 PROPOSED P.C.C. BASE COURSE WIDENING 9"
 - 7 PROPOSED COMBINATION CONCRETE CURB AND GUTTER B-6.18
 - 8 PROPOSED DEPRESSED CURB (STD 606001) 18" GUTTER FLAG PAID AS CC&G B-6.18
 - 9 PROPOSED THERMOPLASTIC PAVEMENT MARKING 4"
 - 10 PROPOSED SEEDING, CLASS 2
 - 11 PROPOSED LEVELING BINDER 3/4"
 - 12 PROPOSED P.C.C. DRIVEWAY PAVEMENT 6"
 - 13 CONC. CURB AND GUTTER REMOVAL
 - 14 DRIVEWAY PAVEMENT REMOVAL
 - 15 SIDEWALK REMOVAL



* = VARIOUS LOCATIONS LT & RT SIDES.
SEE PLAN SHEETS FOR DETAILS

FILE NAME = Z:\174373\CD\ENR\002_Dead\874373-006_Typical Sections_WALNUT.dwg

KNIGHT Engineers & Architects	USER NAME = Jleaf	DESIGNED KES	REVISED -
		DRAWN KES	REVISED -
		CHECKED JSA	REVISED -
	PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS		F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
WALNUT STREET		8014	17-00484-00-5P	SANGAMON	82	6
SCALE: AS SHOWN	SHEET NO. 1 OF 1 SHEETS	STA. 00+24.50 TO STA. 42+56.50		CONTRACT NO. 93749		
				ILLINOIS	FED. AID PROJECT	

TREE PRUNNING (OVER 10" DIAMETER)		
20101350		
STATION	OFFSET	QUANTITY EACH
25+96	28' LT	1
PROJECT TOTAL		1

PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9"		
35400400		
FROM	TO	QUANTITY SQ YD
26+03	26+32	29.7
26+70	27+00	23.2
33+37	33+63	20.3
34+05	34+37	32.9
PROJECT TOTAL		106.0

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH			
42400200			
AT STA.	LT/RT	TYPE	QUANTITY SQ YD
3+26	RT	CONC.	17.8
4+95	LT	CONC.	15.4
7+92	RT	CONC.	25.9
8+38	RT	CONC.	18.1
8+62	LT	CONC.	16.2
9+10	LT	CONC.	14.9
9+72	LT	CONC.	42.7
11+16	RT	CONC.	23.9
15+07	RT	CONC.	15.9
17+00	LT	CONC.	23.4
17+42	LT	CONC.	25.8
17+48	RT	CONC.	17.4
18+07	RT	CONC.	30.8
18+53	RT	CONC.	18.4
20+81	RT	CONC.	18.3
21+29	LT	CONC.	14.0
21+59	RT	CONC.	17.0
21+72	LT	CONC.	32.1
22+26	RT	CONC.	19.2
22+66	RT	CONC.	20.8
22+71	LT	CONC.	19.8
23+19	LT	CONC.	21.0
23+71	LT	CONC.	21.8
23+88	RT	BRICK/CONC.	21.2
24+20	LT	CONC.	20.6
24+29	RT	CONC.	20.1
24+70	LT	CONC.	19.9
25+10	RT	CONC.	20.4
25+54	RT	CONC.	22.7
27+86	LT	CONC.	13.7
28+36	LT	CONC.	10.9
28+89	LT	CONC.	14.7
29+33	RT	CONC.	23.2
29+35	LT	CONC.	13.1
29+92	RT	CONC.	21.9
30+43	RT	CONC.	20.4
30+81	LT	BIT/CONC.	18.1
31+27	RT	BIT/CONC.	20.3
31+84	LT	CONC.	15.2
31+92	RT	CONC.	19.6
32+60	LT	CONC.	13.1
32+62	RT	CONC.	21.9
36+78	RT	CONC.	22.2
37+17	RT	CONC.	26.1
38+03	RT	CONC.	25.3
38+96	LT	CONC.	13.7
40+59	RT	CONC.	24.0
41+34	RT	CONC.	20.6
PROJECT TOTAL			974.0

PORTLAND CEMENT CONCRETE SIDEWALK 4"			
42400100			
FROM	TO	LT/RT	QUANTITY SQ FT
0+31	0+55	RT	310.0
0+31	0+55	LT	256.0
4+16	4+30	LT	61.6
4+43	5+19	RT	292.2
7+57	8+07	LT	63.4
9+12	9+68	RT	143.5
11+85	12+05	LT	68.9
12+95	13+78	RT	232.6
14+50	14+72	LT	165.2
17+88	18+38	LT	114.2
19+44	20+41	RT	197.4
19+51	20+38	LT	189.2
23+04	23+42	RT	61.7
26+02	26+91	LT/RT	131.0
33+26	33+53	LT	143.1
33+47	33+65	RT	60.3
34+04	34+22	LT	242.0
34+09	34+24	RT	145.7
34+09	34+24	LT	173.0
34+09	34+24	LT	109.9
34+09	34+24	RT	93.7
39+57	40+15	LT	105.4
PROJECT TOTAL			3360.0

PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH		
42400300		
AT STA.	LT/RT	QUANTITY SQ FT
2+10	LT	69.0
3+26	RT	38.0
4+95	LT	52.0
7+92	RT	51.0
8+38	RT	32.0
8+62	LT	45.0
9+10	LT	45.0
9+72	LT	135.0
11+16	RT	75.0
15+07	RT	44.0
17+00	LT	34.0
17+42	LT	35.0
17+48	RT	50.0
18+07	RT	104.0
18+53	RT	59.0
20+81	RT	58.0
21+29	LT	36.0
21+59	RT	48.0
21+72	LT	91.0
22+26	RT	53.0
22+66	RT	56.0
22+71	LT	46.0
23+19	LT	49.0
23+71	LT	52.0
23+88	RT	52.0
24+20	LT	48.0
24+29	RT	45.0
24+70	LT	45.0
25+10	RT	43.0
25+54	RT	48.0
27+86	LT	58.0
28+36	LT	45.0
28+89	LT	61.0
29+33	RT	42.0
29+35	LT	53.0
29+92	RT	38.0
30+43	RT	36.0
30+81	LT	72.0
31+27	RT	36.0
31+84	LT	60.0
31+92	RT	41.0
32+60	LT	50.6
32+62	RT	41.0
36+78	RT	35.0
37+17	RT	45.0
38+03	RT	45.0
38+96	LT	94.0
40+59	RT	50.0
41+34	RT	42.0
PROJECT TOTAL		2583.0

EARTH EXCAVATION	
20200100	
USED IN AREAS FOR PAY ITEM	QUANTITY CU YD
35400400 PCC BASE CSE WIDENING 9"	44.2
42300200 DRIVEWAY PAVEMENT 6"	108.2
42400100 SIDEWALK 4"	108.2
424300 SIDEWALK 6"	41.5
60600605 COMB. CONC. CURB TYPE B	41.5
60604400 COMB. CC&G B6.18	47.8
PROJECT TOTAL	345.0

TEMPORARY RAMP			
40600990			
FROM	TO	LT/RT	QUANTITY SQ YD
0+25	0+30	LT/RT	60.4
3+78	4+18	LT	24.9
4+67	4+96	RT	16.2
7+68	7+98	LT	15.6
9+26	9+66	RT	21.2
12+07	12+80	LT	37.7
13+18	13+54	RT	19.8
13+78	14+50	LT	37.5
16+46	16+70	RT	13.3
17+97	18+29	LT	16.7
19+61	20+25	RT	34.8
19+92	20+24	LT	16.6
23+15	23+35	RT	10.6
26+27	26+71	RT	24.6
26+33	26+75	LT	23.7
33+62	34+02	LT	23.9
33+66	34+06	RT	21.9
39+67	40+02	LT	19.0
42+07	42+38	RT	16.4
42+52	42+57	LT/RT	22.5
PROJECT TOTAL			477.0

SEEDING, CLASS 2			
25000200			
FROM	TO	LT/RT	QUANTITY ACRE
25+50	26+50	LT	0.02
26+50	27+30	RT	0.02
33+00	33+53	LT	0.02
33+40	33+65	RT	0.01
34+04	34+22	LT	0.01
34+09	34+24	RT	0.02
PROJECT TOTAL			0.25

PAVING SCHEDULE WALNUT ST. PAVEMENT				
FROM STA.	TO STA.	BITUMINOUS TACK COAT 40700100	HMA LEVELING BINDER 40602978	POLYMERIZED HMA SURF. COURSE 40604160
		POUND	TON	TON
00+25	45+45	26,124.0	918.0	1,835.0
PROJECT TOTAL		26,124.0	918.0	1,835.0

AGGREGATE BASE COURSE TYPE B 4 INCH	
35101600	
USED IN AREAS FOR PAY ITEM	QUANTITY CU YD
35400400 PCC BASE CSE WIDENING 9"	106.1
42300200 DRIVEWAY PAVEMENT 6"	973.5
42400100 SIDEWALK 4"	373.3
424300 SIDEWALK 6"	287.0
60600605 COMB. CONC. CURB B	91.7
60604400 COMB. CC&G B6.18	853.1
PROJECT TOTAL	2685.0

FILE NAME = Z:\17437\CAD\Drawings\General\7437-sh-005-Schedule.dgn

KNIGHT Engineers & Architects	USER NAME = JLeaf	DESIGNED KES	REVISED -
		DRAWN KES	REVISED -
		CHECKED JSA	REVISED -
	PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES	
SCALE: AS SHOWN	SHEET NO. 1 OF 4 SHEETS
STA.	TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	7
				CONTRACT NO. 93749
		ILLINOIS	FED. AID PROJECT	

DETECTABLE WARNINGS			
42400800			
FROM	TO	LT/RT	QUANTITY SQ FT
0+31	0+55	RT	8.0
0+31	0+55	LT	15.0
4+16	4+30	LT	22.0
4+43	5+19	RT	39.0
7+57	8+07	LT	36.0
9+12	9+68	RT	44.0
11+85	12+05	LT	21.0
12+95	13+78	RT	40.0
14+50	14+72	LT	22.0
17+88	18+38	LT	39.0
19+44	20+41	RT	39.0
19+51	20+38	LT	39.0
23+04	23+42	RT	22.0
26+14	26+29	LT	21.0
26+75	26+91	RT	42.0
33+43	33+53	LT	26.0
33+47	33+65	RT	21.0
34+04	34+22	LT	23.0
34+09	34+24	RT	19.0
39+57	40+15	LT	31.0
PROJECT TOTAL			569.0

DRIVEWAY PAVEMENT REMOVAL			
44000200			
AT STA.	LT/RT	TYPE	QUANTITY SQ YD
3+26	RT	CONC.	17.8
4+95	LT	CONC.	15.4
7+92	RT	CONC.	25.9
8+38	RT	CONC.	18.1
8+62	LT	CONC.	16.2
9+10	LT	CONC.	14.9
9+72	LT	CONC.	42.7
11+16	RT	CONC.	23.9
15+07	RT	CONC.	15.9
17+00	LT	CONC.	23.4
17+42	LT	CONC.	25.8
17+48	RT	CONC.	17.4
18+07	RT	CONC.	30.8
18+53	RT	CONC.	18.4
20+81	RT	CONC.	18.3
21+29	LT	CONC.	14.0
21+59	RT	CONC.	17.0
21+72	LT	CONC.	32.1
22+26	RT	CONC.	19.2
22+66	RT	CONC.	20.8
22+71	LT	CONC.	19.8
23+19	LT	CONC.	21.0
23+71	LT	CONC.	21.8
23+88	RT	BRICK/CONC.	19.9
24+20	LT	CONC.	20.6
24+29	RT	CONC.	20.1
24+70	LT	CONC.	19.9
25+10	RT	CONC.	20.4
25+54	RT	CONC.	22.7
27+86	LT	CONC.	13.7
28+36	LT	CONC.	10.9
28+89	LT	CONC.	14.7
29+33	RT	CONC.	23.2
29+35	LT	CONC.	13.1
29+92	RT	CONC.	21.9
30+43	RT	CONC.	20.4
30+81	LT	BIT/CONC.	18.1
31+27	RT	BIT/CONC.	20.3
31+84	LT	CONC.	15.2
31+92	RT	CONC.	16.6
32+60	LT	CONC.	13.1
32+62	RT	CONC.	21.9
36+78	RT	CONC.	22.2
37+17	RT	CONC.	26.1
38+03	RT	CONC.	25.3
38+96	LT	CONC.	13.7
40+59	RT	CONC.	24.0
41+34	RT	CONC.	20.6
PROJECT TOTAL			970.0

CURB REMOVAL			
44000300			
FROM	TO	LT/RT	QUANTITY FOOT
0+48	0+51	LT	35
0+48	0+51	RT	16
4+18	4+30	LT	14
4+43	4+67	RT	19
4+97	5+19	RT	16
7+59	7+65	LT	12
8+02	8+07	LT	18
9+14	9+20	RT	17
9+66	9+80	RT	27
11+85	12+05	LT	19
12+96	13+15	RT	28
13+57	13+78	RT	19
14+51	14+73	LT	30
17+88	17+98	LT	26
18+28	18+38	LT	21
19+43	19+61	RT	20
19+78	19+93	LT	27
20+23	20+38	LT	19
20+25	20+41	RT	18
23+13	23+74	RT	8
26+20	26+32	LT	20
26+72	26+90	RT	25
33+21	33+43	LT	28
33+43	33+60	LT	23
33+47	33+65	RT	20
34+04	34+25	LT	26
34+05	34+23	RT	21
39+57	39+65	LT	9
40+04	40+16	LT	25
PROJECT TOTAL			606.0

COMBINATION CURB AND GUTTER REMOVAL			
44000500			
FROM	TO	LT/RT	QUANTITY FOOT
0+25	0+60	LT/RT	42.3
2+50	4+50	RT	169.1
4+25	7+25	LT	280.5
7+40	9+10	RT	135.4
10+30	11+10	RT	62.2
16+60	19+25	RT	153.5
20+30	25+60	LT	361.8
23+50	26+00	RT	180.8
25+88	26+32	LT	95.8
26+72	27+18	RT	71.8
27+00	33+00	LT	425.7
31+00	33+50	RT	194.3
33+26	33+62	LT	108.0
34+05	34+20	RT	48.1
34+50	39+70	LT	373.0
34+20	41+00	RT	554.9
PROJECT TOTAL			3257.0

SIDEWALK REMOVAL			
44000600			
FROM	TO	LT/RT	QUANTITY SQ FT
0+31	0+55	RT	320.3
0+31	0+55	LT	274.5
02+00	02+20	LT	68.6
03+17	03+33	LT	32.4
4+16	4+30	LT	50.7
4+43	5+19	RT	259.1
04+90	05+05	LT	53.0
7+57	8+07	LT	67.6
07+88	08+01	RT	50.8
08+34	08+42	RT	32.0
08+56	08+66	LT	45.3
9+12	09+80	RT	135.7
09+05	09+15	LT	45.0
09+57	09+84	LT	135.0
11+08	11+25	RT	75.3
11+85	12+05	LT	126.0
12+95	13+78	RT	227.2
14+50	14+72	RT	165.2
15+00	15+12	RT	46.0
16+96	17+04	LT	33.9
17+36	17+45	LT	35.2
17+44	17+55	RT	50.4
17+88	18+38	LT	118.4
17+96	28+20	RT	104.0
18+47	18+59	RT	58.5
19+44	20+41	RT	197.4
19+51	20+38	LT	189.2
20+75	20+87	RT	58.1
21+24	21+30	LT	36.0
21+54	21+64	RT	48.0
21+63	21+81	LT	91.0
22+21	22+32	RT	53.0
22+61	22+72	RT	55.8
22+65	22+74	LT	45.9
23+04	23+42	RT	59.4
23+13	23+23	LT	49.4
23+65	23+75	LT	52.0
23+82	23+94	RT	52.0
24+15	24+25	LT	48.1
24+25	24+35	RT	44.5
24+66	24+75	LT	44.7
25+05	25+15	RT	42.7
25+48	25+59	RT	48.3
26+10	26+32	LT	198.4
26+03	26+15	RT	52.8
26+82	27+15	LT	241.5
26+73	26+91	RT	156.3
27+80	27+93	LT	57.5
28+31	28+41	LT	44.7
28+82	28+96	LT	61.2
29+27	29+38	RT	41.6
29+29	29+41	LT	53.3
29+88	29+98	RT	38.2
30+39	30+48	LT	36.0
30+72	30+89	LT	71.6
31+24	31+33	RT	35.8
31+77	31+92	LT	60.0
31+86	31+94	RT	41.3
32+54	32+67	LT	50.6
32+58	32+64	RT	40.8
33+25	33+59	LT	200.6
33+47	33+52	RT	70.9
33+61	33+65	RT	50.4
34+04	34+22	LT	108.4
34+06	34+24	RT	121.8
36+73	36+82	RT	34.6
37+12	37+23	RT	45.1
37+95	38+06	RT	45.5
38+89	39+06	LT	94.0
39+57	40+15	LT	104.8
40+54	40+65	RT	49.7
41+30	41+39	RT	42.3
PROJECT TOTAL			6,075.0

CONCRETE CURB TYPE B			
60600605			
FROM	TO	LT/RT	QUANTITY FOOT
0+48	0+51	LT	24.1
0+36	0+51	RT	9.9
4+18	4+30	LT	22.0
4+43	5+20	RT	77.1
7+59	8+07	LT	11.3
9+14	9+80	RT	49.1
11+85	12+05	LT	46.9
12+96	13+78	RT	92.7
14+51	14+73	LT	60.2
17+88	18+38	LT	50.4
19+43	19+61	RT	45.2
19+78	20+38	LT	76.2
20+25	20+41	RT	35.3
23+13	23+74	RT	14.8
26+20	26+28	LT	26.6
26+75	26+85	RT	30.1
33+21	33+43	LT	48.2
33+47	33+65	RT	22.0
34+04	34+22	LT	26.8
34+09	34+24	RT	21.6
39+57	40+15	LT	34.1
PROJECT TOTAL			825.0

COMBINATION CURB AND GUTTER, TYPE B-6.18			
60604400			
FROM	TO	LT/RT	QUANTITY FOOT
0+36	0+56	RT	55.6
0+31	0+49	LT	27.0
2+59	4+43	RT	169.2
4+25	7+47	LT	278.8
7+80	9+10	RT	130.2
10+40	11+40	RT	94.5
16+70	19+50	RT	215.5
20+50	25+75	LT	487.9
23+50	26+00	RT	247.2
25+88	26+34	LT	89.4
26+70	27+18	RT	65.4
27+00	31+20	LT	422.5
31+00	33+50	RT	242.1
33+26	33+64	LT	233.6
34+04	34+50	RT	158.7
34+50	39+50	LT	410.8
35+50	41+00	RT	510.6
PROJECT TOTAL			3839.0

FILE NAME = Z:\17437\CAD\Sheet\General\7437-sh-005_Schedule.dgn



USER NAME = JLeaf	DESIGNED KES	REVISED -
	DRAWN KES	REVISED -
	CHECKED JSA	REVISED -
PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: AS SHOWN SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	8
CONTRACT NO. 93749				
ILLINOIS		FED. AID PROJECT		

SIGN PANEL - TYPE 1			
72000100			
STA	LT/RT	TYPE	QUANTITY SQ FT
00+65	RT	R3-17	3.0
00+65	LT	R3-17bP	1.3
02+55	RT	R3-17	4.0
02+55	RT	R3-9b	6.0
02+60	LT	R4-4	7.5
05+65	RT	R7-9a	1.5
06+35	RT	R7-9a	1.5
07+45	LT	R3-17	3.0
09+95	LT	R3-9b	6.0
09+95	RT	R3-17	3.0
10+95	RT	R7-9a	1.5
11+95	LT	R3-17	3.0
11+95	LT	R7-9a	1.5
13+90	RT	R3-17	3.0
15+25	RT	R7-9a	1.5
16+90	LT	R7-9a	1.5
19+35	RT	R3-9b	6.0
19+70	LT	R3-17	3.0
20+45	RT	R3-17	3.0
21+35	RT	R7-9a	1.5
22+40	LT	R3-9b	6.0
24+40	LT	R7-9a	1.5
25+80	LT	R3-17	3.0
27+05	RT	R3-17	3.0
27+05	RT	R7-9a	1.5
29+00	RT	R3-9b	6.0
30+45	LT	R3-9b	6.0
32+40	LT	R7-9a	1.5
33+00	LT	R3-17	3.0
34+60	RT	R3-17	3.0
34+60	RT	R7-9a	1.5
36+45	RT	R3-9b	6.0
37+55	RT	R3-9b	6.0
38+60	LT	R7-9a	1.5
39+50	LT	R3-17	3.0
40+40	RT	R7-9a	1.5
41+70	RT	R4-11	6.3
42+10	RT	R3-17	3.0
42+10	RT	R7-9a	1.5
43+50	LT	R3-9b	6.0
45+60	LT	W4-2	9.0
47+00	LT	W9-2	9.0
25+98	LT/RT	R10-12 Mod x2	15.0
25+98	LT/RT	Walnut St x2	15.0
25+98	LT/RT	Lawrence Ave x2	21.0
33+41	LT/RT	R10-12 Mod x2	15.0
33+41	LT/RT	Walnut St x2	15.0
33+41	LT/RT	Edwards St x2	16.5
PROJECT TOTAL			249.0

REMOVE SIGN PANEL ASSEMBLY - TYPE A			
72400100			
LOCATION	NUMBER	LT/RT	QUANTITY EACH
1+65	1	LT	1
3+70	2A	RT	1
3+70	2B	RT	1
5+20	3A	LT	1
5+20	3B	LT	1
5+55	4A	RT	1
5+55	4B	RT	1
7+00	5A	RT	1
7+00	5B	RT	1
7+30	6A	LT	1
7+30	6B	LT	1
8+55	7A	RT	1
8+55	7B	RT	1
10+95	8A	RT	1
10+95	8B	RT	1
11+50	9A	LT	1
11+50	9B	LT	1
12+90	10	RT	1
14+10	11A	RT	1
14+10	11B	RT	1
15+60	12A	LT	1
15+60	12B	LT	1
16+00	13A	RT	1
16+00	13B	RT	1
16+80	14A	RT	1
16+80	14B	RT	1
18+25	15A	RT	1
18+25	15B	RT	1
19+00	16A	LT	1
19+00	16B	LT	1
20+75	17A	LT	1
20+75	17B	LT	1
20+95	18A	RT	1
20+95	18B	RT	1
22+55	19A	RT	1
22+55	19B	RT	1
22+90	20A	LT	1
22+90	20B	LT	1
24+40	21A	LT	1
24+40	21B	LT	1
24+65	22C	RT	1
24+65	23B	RT	1
27+25	24A	RT	1
27+75	24B	LT	1
28+75	25B	RT	1
28+75	26A	RT	1
30+25	26B	LT	1
31+00	27A	LT	1
31+00	27B	LT	1
31+00	28A	RT	1
31+00	28B	RT	1
32+80	29B	RT	1
32+80	30B	RT	1
34+35	31A	LT	1
35+20	31B	RT	1
36+25	32A	LT	1
36+25	32B	LT	1
37+20	33B	LT	1
37+20	34A	LT	1
40+10	34B	RT	1
41+20	35A	LT	1
41+20	35B	LT	1
41+70	36A	RT	1
41+70	36B	RT	1
PROJECT TOTAL			64

TELESCOPING STEEL SIGN SUPPORT		
72800100		
SHEET	LT/RT	QUANTITY FOOT
24	RT	10.0
24	LT	14.0
25	RT	10.0
25	RT	13.0
25	LT	10.0
25	RT	10.0
26	LT	10.0
26	RT	13.0
26	LT	10.0
26	RT	10.0
26	LT	13.0
26	LT	10.0
26	RT	10.0
26	LT	13.0
26	LT	10.0
26	RT	10.0
26	RT	10.0
26	LT	10.0
26	LT	14.0
26	LT	13.0
28	LT	10.0
28	RT	14.0
28	LT	14.0
28	LT	14.0
PROJECT TOTAL		278.0

THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS					
78000100					
STA	NOTE	QUANTITY SQ FT	STA	NOTE	QUANTITY SQ FT
00+66	LEFT ARROW	15.6	00+66	RIGHT ARROW	15.6
01+37	LEFT ARROW	15.6	01+37	RIGHT ARROW	15.6
01+91	LEFT ARROW	15.6	01+91	RIGHT ARROW	15.6
03+09	LEFT ARROW	15.6	25+35	COMB. 2 ARROWS	26.0
03+21	LEFT ARROW	15.6	25+90	COMB. 2 ARROWS	26.0
04+31	LEFT ARROW	15.6	27+06	COMB. 2 ARROWS	26.0
04+43	LEFT ARROW	15.6	27+65	COMB. 2 ARROWS	26.0
05+78	LEFT ARROW	15.6	32+70	COMB. 2 ARROWS	26.0
05+89	LEFT ARROW	15.6	33+25	COMB. 2 ARROWS	26.0
07+15	LEFT ARROW	15.6	34+42	COMB. 2 ARROWS	26.0
07+27	LEFT ARROW	15.6	35+00	COMB. 2 ARROWS	26.0
09+18	LEFT ARROW	15.6	44+58	LANE DROP ARROW	41.5
09+30	LEFT ARROW	15.6	45+38	LANE DROP ARROW	41.5
10+61	LEFT ARROW	15.6	01+00	BIKE LANE	11.2
10+73	LEFT ARROW	15.6	01+82	BIKE LANE	11.2
11+61	LEFT ARROW	15.6	02+79	BIKE LANE	11.2
11+73	LEFT ARROW	15.6	02+81	BIKE LANE	11.2
13+22	LEFT ARROW	15.6	05+57	BIKE LANE	11.2
13+34	LEFT ARROW	15.6	05+58	BIKE LANE	11.2
15+42	LEFT ARROW	15.6	08+39	BIKE LANE	11.2
15+54	LEFT ARROW	15.6	08+39	BIKE LANE	11.2
16+96	LEFT ARROW	15.6	10+56	BIKE LANE	11.2
17+08	LEFT ARROW	15.6	10+56	BIKE LANE	11.2
18+66	LEFT ARROW	15.6	13+23	BIKE LANE	11.2
18+78	LEFT ARROW	15.6	13+23	BIKE LANE	11.2
20+77	LEFT ARROW	15.6	14+92	BIKE LANE	11.2
20+89	LEFT ARROW	15.6	14+92	BIKE LANE	11.2
22+66	LEFT ARROW	15.6	17+27	BIKE LANE	11.2
22+78	LEFT ARROW	15.6	17+27	BIKE LANE	11.2
24+38	LEFT ARROW	15.6	19+27	BIKE LANE	11.2
24+50	LEFT ARROW	15.6	19+56	BIKE LANE	11.2
25+35	LEFT ARROW	15.6	20+70	BIKE LANE	11.2
25+90	LEFT ARROW	15.6	20+71	BIKE LANE	11.2
27+06	LEFT ARROW	15.6	22+87	BIKE LANE	11.2
27+65	LEFT ARROW	15.6	22+87	BIKE LANE	11.2
28+51	LEFT ARROW	15.6	25+80	BIKE LANE	11.2
28+62	LEFT ARROW	15.6	25+80	BIKE LANE	11.2
30+25	LEFT ARROW	15.6	27+35	BIKE LANE	11.2
30+37	LEFT ARROW	15.6	27+35	BIKE LANE	11.2
31+77	LEFT ARROW	15.6	29+67	BIKE LANE	11.2
31+89	LEFT ARROW	15.6	29+67	BIKE LANE	11.2
32+70	LEFT ARROW	15.6	31+62	BIKE LANE	11.2
33+25	LEFT ARROW	15.6	31+62	BIKE LANE	11.2
34+42	LEFT ARROW	15.6	33+00	BIKE LANE	11.2
35+00	LEFT ARROW	15.6	33+00	BIKE LANE	11.2
35+75	LEFT ARROW	15.6	34+74	BIKE LANE	11.2
35+87	LEFT ARROW	15.6	34+74	BIKE LANE	11.2
37+48	LEFT ARROW	15.6	37+02	BIKE LANE	11.2
37+60	LEFT ARROW	15.6	37+02	BIKE LANE	11.2
39+23	LEFT ARROW	15.6	38+67	BIKE LANE	11.2
39+35	LEFT ARROW	15.6	38+67	BIKE LANE	11.2
41+42	LEFT ARROW	15.6	40+33	BIKE LANE	11.2
41+53	LEFT ARROW	15.6	40+33	BIKE LANE	11.2
43+20	LEFT ARROW	15.6	40+80	BIKE LANE	11.2
43+32	LEFT ARROW	15.6	40+85	BIKE LANE	11.2
44+61	LEFT ARROW	15.6			
45+21	LEFT ARROW	15.6			
45+79	LEFT ARROW	15.6			
46+96	LEFT ARROW	15.6			
PROJECT TOTAL					1,729.0

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KNIGHT Engineers & Architects	USER NAME = JLeaf	DESIGNED KES	REVISED -
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		CHECKED JSA	REVISED -
	PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES	
SCALE: AS SHOWN	SHEET NO. 3 OF 4 SHEETS
STA.	TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	9
CONTRACT NO. 93749			ILLINOIS FED. AID PROJECT	

THERMOPLASTIC PAVEMENT MARKING - LINE 4"			
78000200			
FROM	TO	NOTE	QUANTITY FOOT
0+54	2+59	DOUBLE YELLOW	411.6
24+68	26+05	DOUBLE YELLOW	273.1
26+94	28+29	DOUBLE YELLOW	270.0
32+02	33+37	DOUBLE YELLOW	270.1
34+31	35+71	DOUBLE YELLOW	280.4
43+83	44+45	DOUBLE YELLOW	125.4
1+99	7+45	YELLOW SKIP-DASH	136.5
2+59	7+45	YELLOW SKIP-DASH	121.5
8+17	11+85	YELLOW SKIP-DASH	184.1
12+90	13+72	YELLOW SKIP-DASH	41.1
14+71	16+33	YELLOW SKIP-DASH	80.9
16+80	17+85	YELLOW SKIP-DASH	52.3
18+45	19+39	YELLOW SKIP-DASH	47.4
20+43	22+94	YELLOW SKIP-DASH	125.6
23+52	24+64	YELLOW SKIP-DASH	56.1
28+34	31+97	YELLOW SKIP-DASH	181.5
35+71	39+54	YELLOW SKIP-DASH	191.3
40+17	41+90	YELLOW SKIP-DASH	86.3
42+63	43+83	YELLOW SKIP-DASH	59.9
1+99	7+45	SOLID YELLOW	545.8
2+59	7+45	SOLID YELLOW	485.8
8+17	11+85	SOLID YELLOW	736.4
12+90	13+72	SOLID YELLOW	164.1
14+71	16+33	SOLID YELLOW	323.3
16+80	17+85	SOLID YELLOW	209.2
18+45	19+39	SOLID YELLOW	189.4
20+43	22+94	SOLID YELLOW	502.1
23+52	24+64	SOLID YELLOW	224.4
28+34	31+97	SOLID YELLOW	725.7
35+71	39+54	SOLID YELLOW	765.0
40+17	41+90	SOLID YELLOW	344.9
42+63	43+83	SOLID YELLOW	239.3
0+54	1+99	SOLID WHITE 4 IN	289.6
0+54	4+37	SOLID WHITE 4 IN	382.4
2+59	3+61	SOLID WHITE 4 IN	101.8
4+37	7+45	SOLID WHITE 4 IN	308.2
5+19	9+05	SOLID WHITE 4 IN	385.9
8+17	11+85	SOLID WHITE 4 IN	368.2
9+87	16+34	SOLID WHITE 4 IN	646.8
12+90	13+72	SOLID WHITE 4 IN	81.9
14+71	17+85	SOLID WHITE 4 IN	313.4
16+80	19+39	SOLID WHITE 4 IN	259.0
18+45	19+68	SOLID WHITE 4 IN	123.5
20+43	22+94	SOLID WHITE 4 IN	251.1
20+43	26+05	SOLID WHITE 4 IN	561.6
23+52	26+03	SOLID WHITE 4 IN	251.0
25+24	26+04	SOLID WHITE 4 IN	79.6
26+94	27+74	SOLID WHITE 4 IN	80.0
26+94	33+38	SOLID WHITE 4 IN	1287.3
32+57	33+37	SOLID WHITE 4 IN	79.9
34+31	35+11	SOLID WHITE 4 IN	80.2
34+31	39+54	SOLID WHITE 4 IN	522.7
34+31	41+94	SOLID WHITE 4 IN	763.5
40+17	41+95	SOLID WHITE 4 IN	177.8
46+84	46+94	SOLID WHITE 4 IN	10.0
46+84	47+00	SOLID WHITE 4 IN	16.0
1+99	2+59	WHITE DOTTED	15.0
1+99	2+59	WHITE DOTTED	15.0
42+63	43+83	SOLID YELLOW	119.7
42+63	44+41	SOLID YELLOW	178.3
42+63	44+45	SOLID YELLOW	182.4
PROJECT TOTAL			16382.0

THERMOPLASTIC PAVEMENT MARKING - LINE 6"			
78000400			
STA.	LT/RT	NOTES	QUANTITY FOOT
00+40	LT/RT	SOLID WHITE 6 IN	73.5
00+47	LT/RT	SOLID WHITE 6 IN	60.0
26+11	LT/RT	SOLID WHITE 6 IN	42.3
26+19	LT/RT	SOLID WHITE 6 IN	47.8
26+29	LT	SOLID WHITE 6 IN	45.3
26+29	LT	SOLID WHITE 6 IN	42.0
26+27	RT	SOLID WHITE 6 IN	50.7
26+32	RT	SOLID WHITE 6 IN	43.5
26+80	LT/RT	SOLID WHITE 6 IN	41.7
26+88	LT/RT	SOLID WHITE 6 IN	41.7
33+44	LT/RT	SOLID WHITE 6 IN	40.4
33+52	LT/RT	SOLID WHITE 6 IN	45.9
33+53	LT	SOLID WHITE 6 IN	54.6
33+61	LT	SOLID WHITE 6 IN	41.4
33+64	RT	SOLID WHITE 6 IN	42.5
33+67	RT	SOLID WHITE 6 IN	37.7
34+15	LT/RT	SOLID WHITE 6 IN	43.8
34+24	LT/RT	SOLID WHITE 6 IN	39.9
45+99	LT/RT	SOLID WHITE 6 IN	50.3
46+06	LT/RT	SOLID WHITE 6 IN	60.4
46+06	RT	SOLID WHITE 6 IN	60.4
46+08	RT	SOLID WHITE 6 IN	56.1
46+08	LT	SOLID WHITE 6 IN	61.3
46+11	LT	SOLID WHITE 6 IN	56.5
46+69	LT/RT	SOLID WHITE 6 IN	58.2
46+77	LT/RT	SOLID WHITE 6 IN	51.2
PROJECT TOTAL			1,289.0

THERMOPLASTIC PAVEMENT MARKING - LINE 5"			
78000300			
FROM	TO	LT/RT	QUANTITY FOOT
0+45	0+55	LT/RT	68.0
PROJECT TOTAL			68.0

THERMOPLASTIC PAVEMENT MARKING - LINE 24"			
78000650			
FROM	LT/RT	NOTE	QUANTITY FOOT
00+54	LT/RT	STOP BAR - WHITE	34.0
26+05	LT/RT	STOP BAR - WHITE	25.6
26+35	LT/RT	STOP BAR - WHITE	20.0
26+53	LT/RT	STOP BAR - WHITE	20.0
26+94	LT/RT	STOP BAR - WHITE	25.6
33+37	LT/RT	STOP BAR - WHITE	25.5
33+58	LT/RT	STOP BAR - WHITE	24.0
34+31	LT/RT	STOP BAR - WHITE	25.5
45+93	LT/RT	STOP BAR - WHITE	29.0
PROJECT TOTAL			229.0

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PLOT DATE = 7/13/2020

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DATE 06/19/2020

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: AS SHOWN SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	10
CONTRACT NO. 93749			ILLINOIS FED. AID PROJECT	

S. GRAND AVE.

STATION	NORTHING	EASTING
POB 50+00	1136659.255	2437801.017
POT 55+50	1136669.719	2438350.918

LAWRENCE AVE

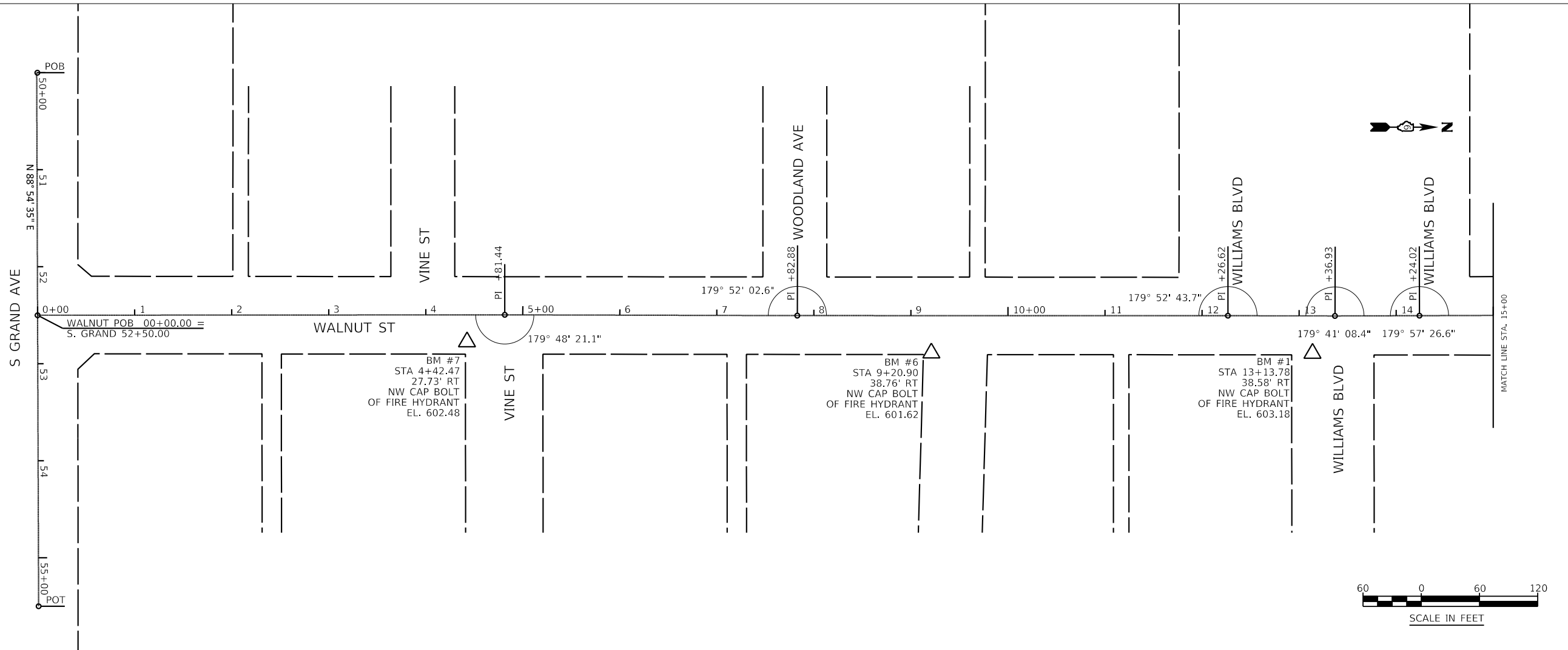
STATION	NORTHING	EASTING
POB 60+00	1139317.229	2437761.651
POT 65+00	1139316.219	2438261.650

EDWARDS ST

STATION	NORTHING	EASTING
POB 70+00	1140033.019	2437750.568
POT 75+00	1140062.345	2438249.706

WALNUT STREET

STATION	NORTHING	EASTING
POB 00+00.00	1136664.012	2438050.972
PI 04+81.44	1137145.392	2438043.166
PI 07+82.88	1137446.800	2438039.300
PI 12+26.62	1137890.494	2438032.582
PI 13+36.93	1138000.794	2438031.145
PI 14+24.02	1138087.867	2438029.533
PI 16+59.56	1138323.366	2438024.998
PI 18+12.60	1138476.401	2438024.158
PI 19+75.51	1138639.288	2438021.559
PI 23+25.09	1138988.828	2438016.318
PI 26+53.01	1139316.724	2438011.651
PI 33+84.06	1140047.682	2438000.138
PI 39+86.26	1140649.815	2437991.408
PI 42+24.11	1140887.640	2437987.829
POT 47+50.00	1141413.463	2437979.548



NORTHING EASTING COORDINATES ARE BASED ON ILHARN - IL83-W BY MENTOR SOFTWARE

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KNIGHT Engineers & Architects	USER NAME = JLeaf	DESIGNED KES	REVISED -
		DRAWN KES	REVISED -
		CHECKED JSA	REVISED -
	PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

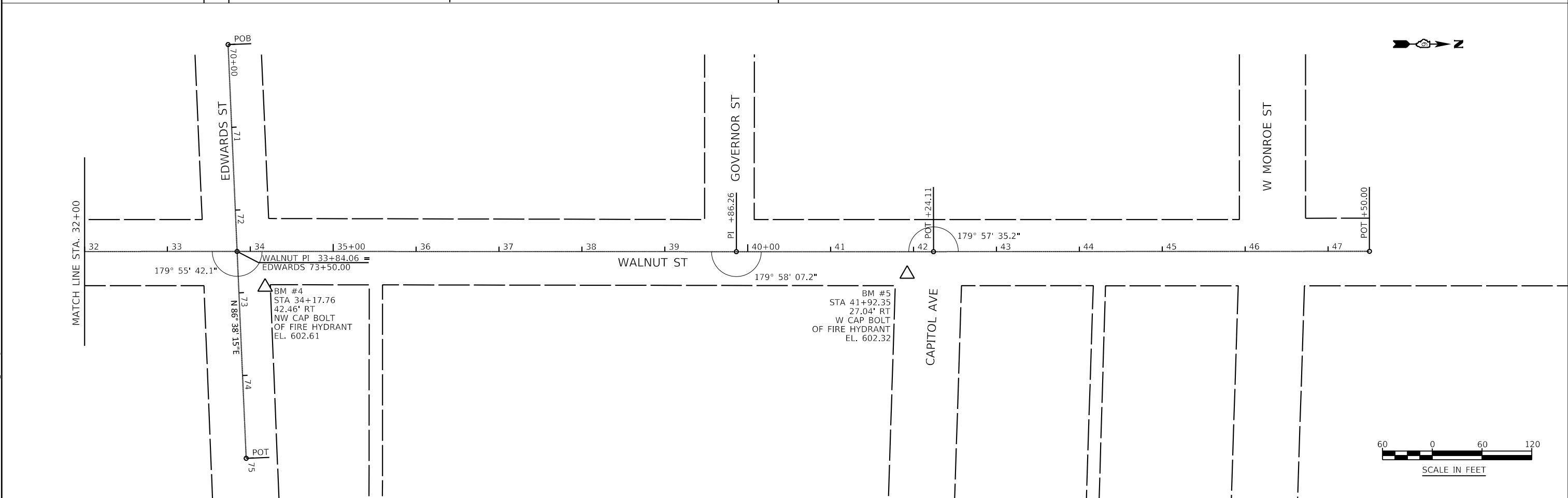
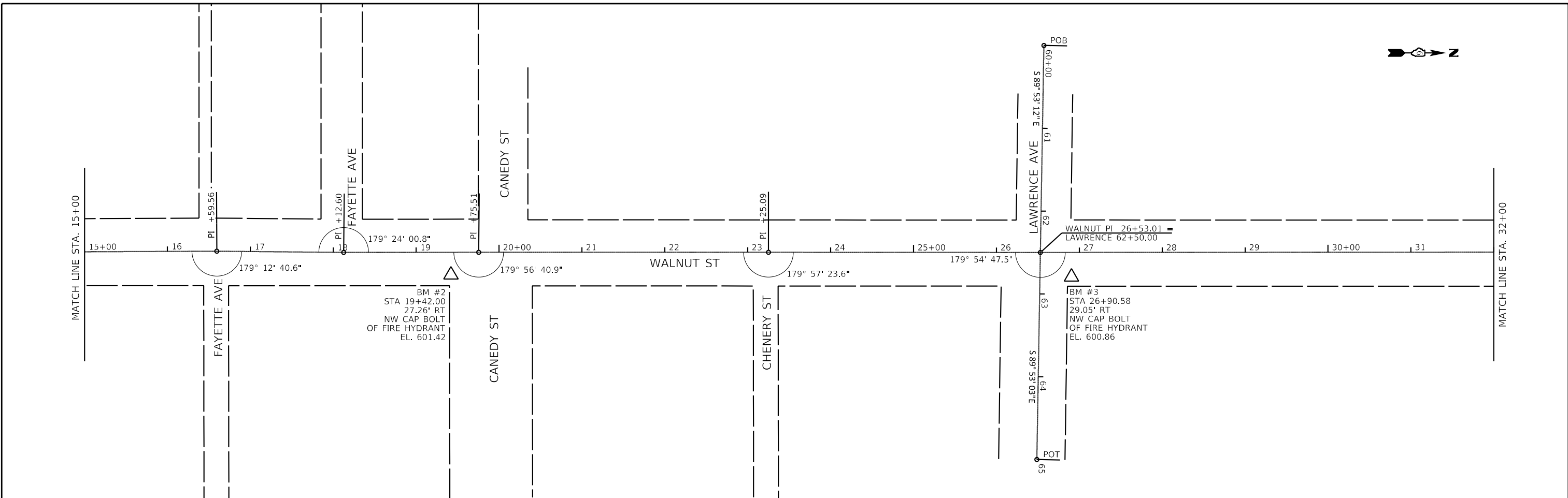
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES, & BENCHMARKS

SCALE: AS SHOWN SHEET NO. 1 OF 2 SHEETS STA. 00+00 TO STA. 15+00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	11
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				

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KNIGHT
Engineers & Architects

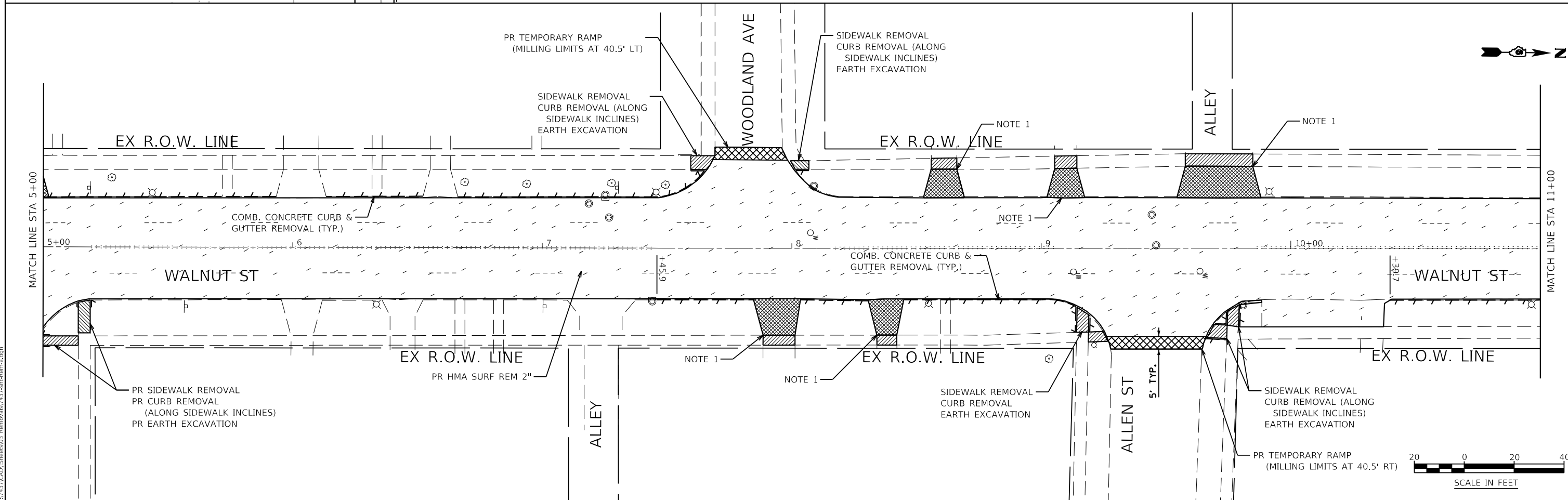
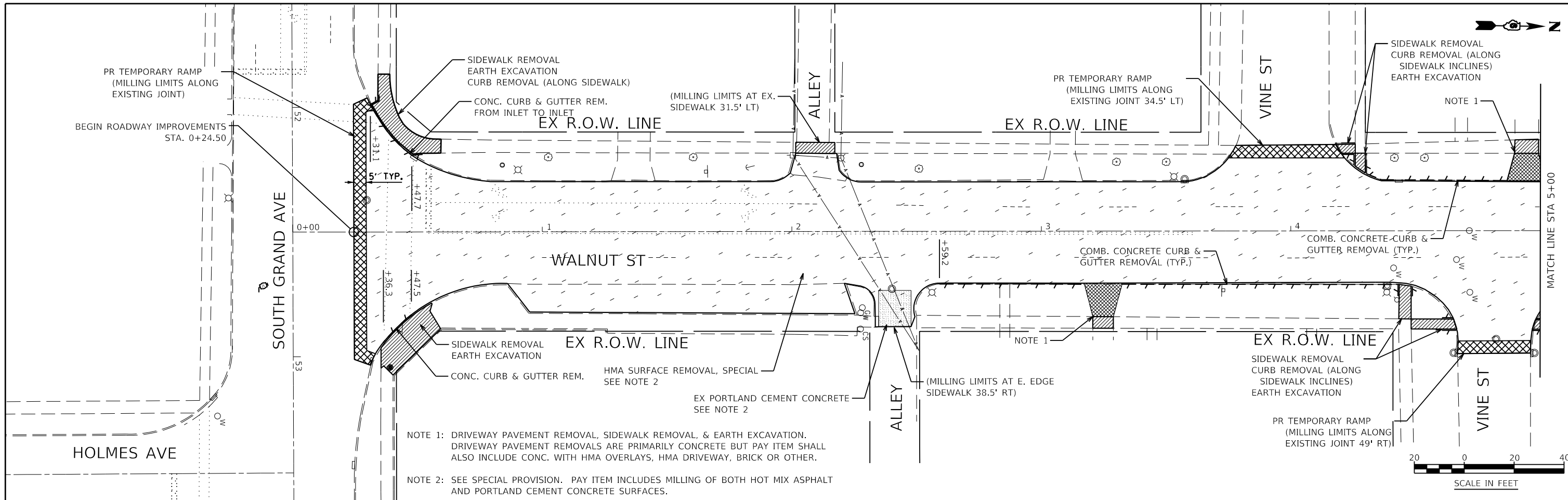
USER NAME = Jleaf	DESIGNED KES	REVISED -
	DRAWN KES	REVISED -
	CHECKED JSA	REVISED -
PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES, & BENCHMARKS

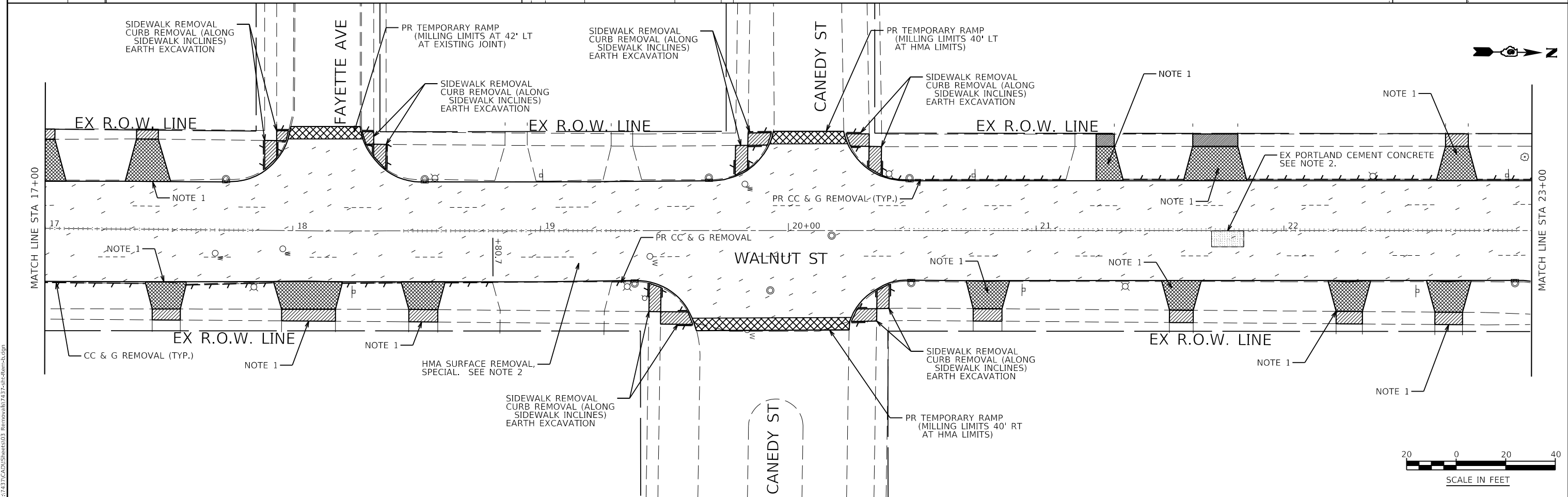
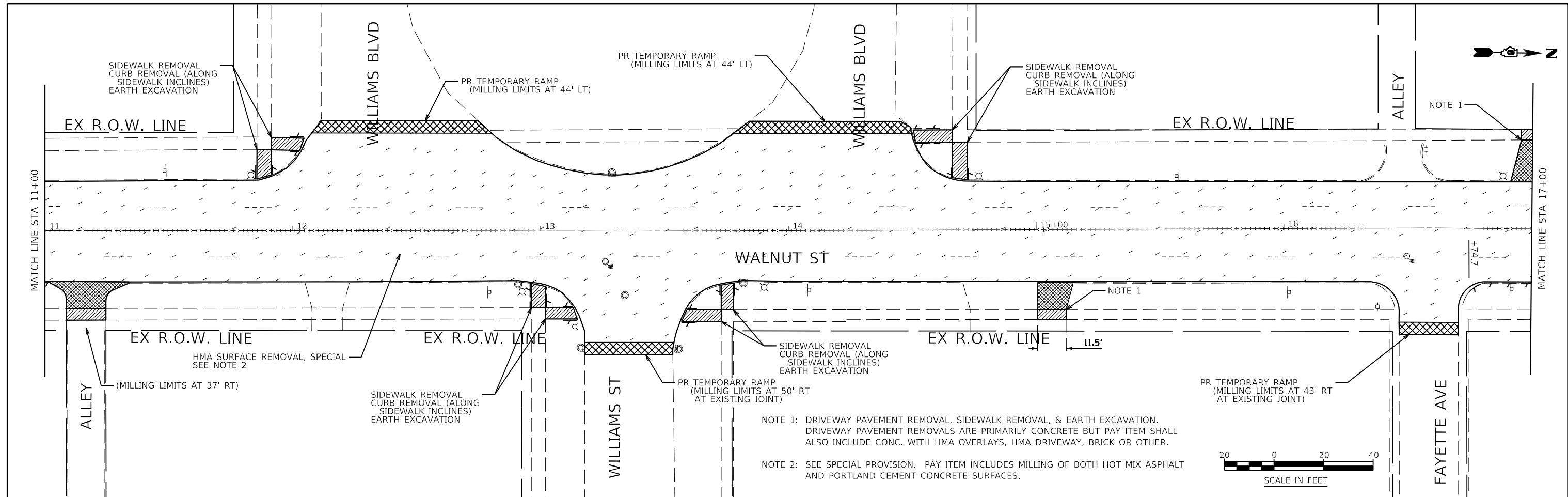
SCALE: AS SHOWN SHEET NO. 2 OF 2 SHEETS STA. 15+00 TO STA. 47+50

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	12
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				



KNIGHT Engineers & Architects	USER NAME = Jleaf	DESIGNED KES	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL PLAN WALNUT STREET	F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT DATE = 7/13/2020	DRAWN KES	REVISED -			8014	17-00484-00-5P	SANGAMON	82	13	
		CHECKED JSA	REVISED -			CONTRACT NO. 93749					
		DATE 06/19/2020	REVISED -			ILLINOIS FED. AID PROJECT					

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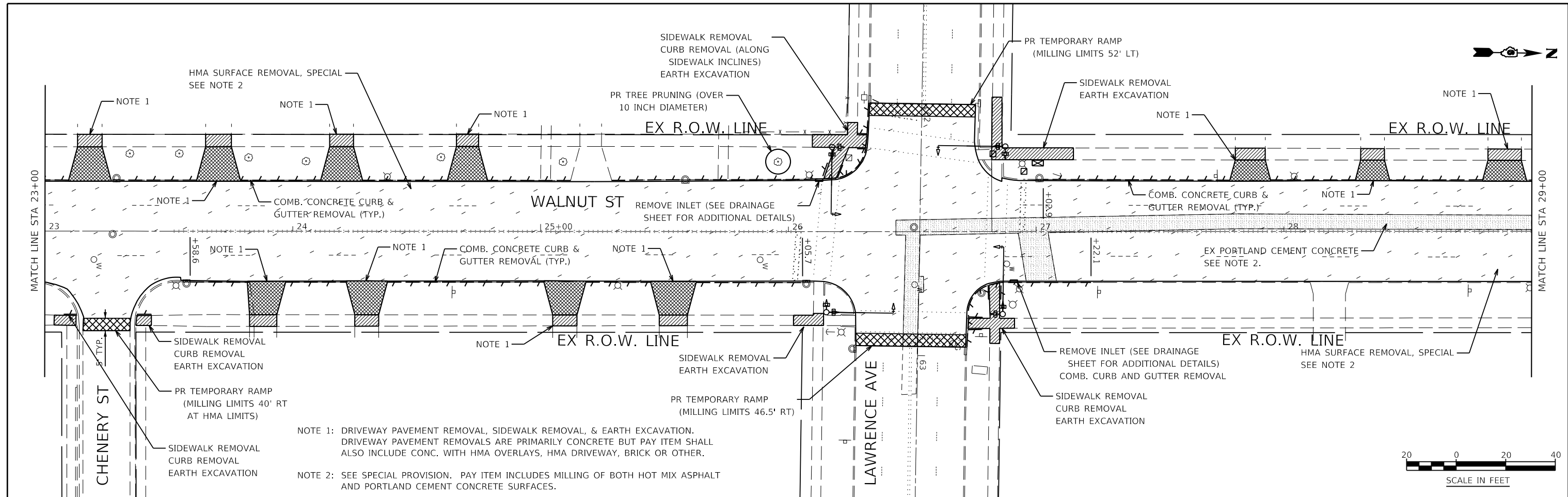
KNIGHT Engineers & Architects	USER NAME = Jleaf	DESIGNED KES	REVISED -
		DRAWN KES	REVISED -
		CHECKED JSA	REVISED -
	PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
WALNUT STREET**

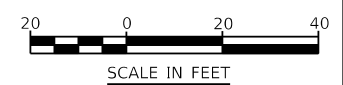
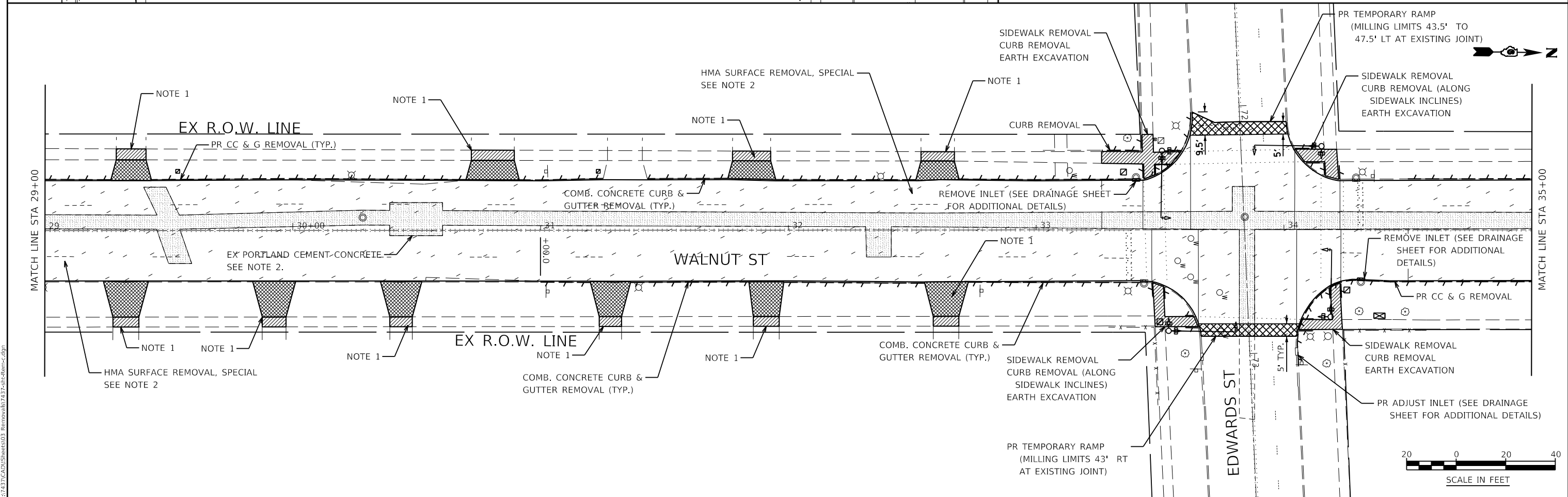
SCALE: AS SHOWN SHEET NO. 2 OF 4 SHEETS STA. 11+00 TO STA. 23+00

F.A.U. ROUTE 8014	SECTION 17-00484-00-5P	COUNTY SANGAMON	TOTAL SHEETS 82	SHEET NO. 14
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				



NOTE 1: DRIVEWAY PAVEMENT REMOVAL, SIDEWALK REMOVAL, & EARTH EXCAVATION. DRIVEWAY PAVEMENT REMOVALS ARE PRIMARILY CONCRETE BUT PAY ITEM SHALL ALSO INCLUDE CONC. WITH HMA OVERLAYS, HMA DRIVEWAY, BRICK OR OTHER.

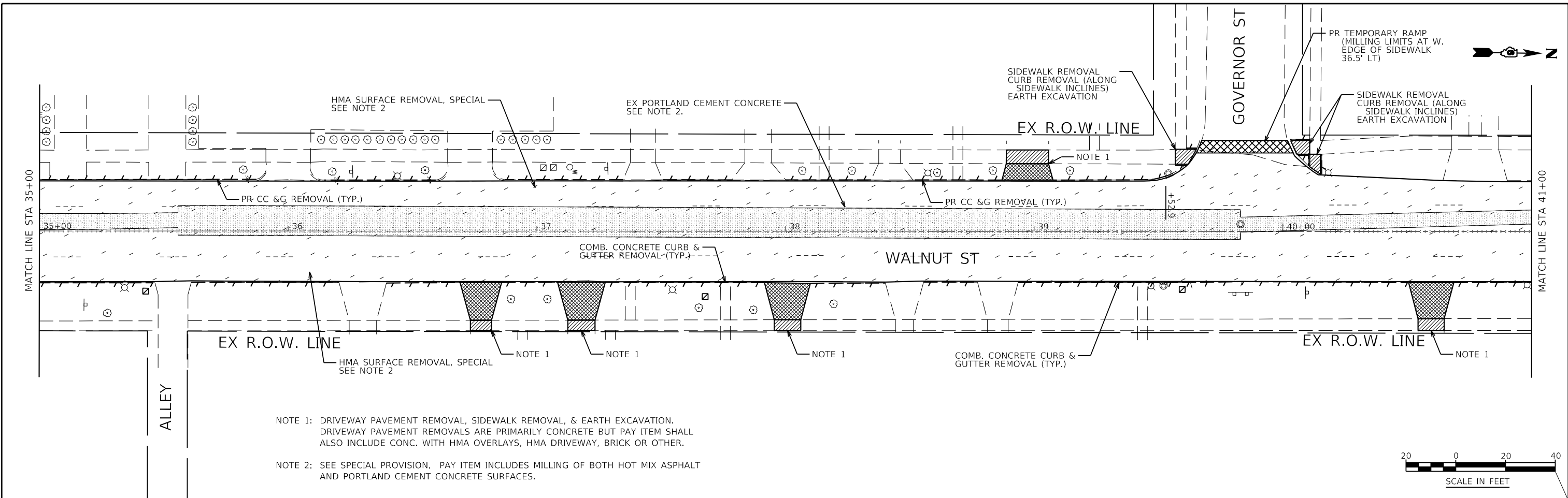
NOTE 2: SEE SPECIAL PROVISION. PAY ITEM INCLUDES MILLING OF BOTH HOT MIX ASPHALT AND PORTLAND CEMENT CONCRETE SURFACES.



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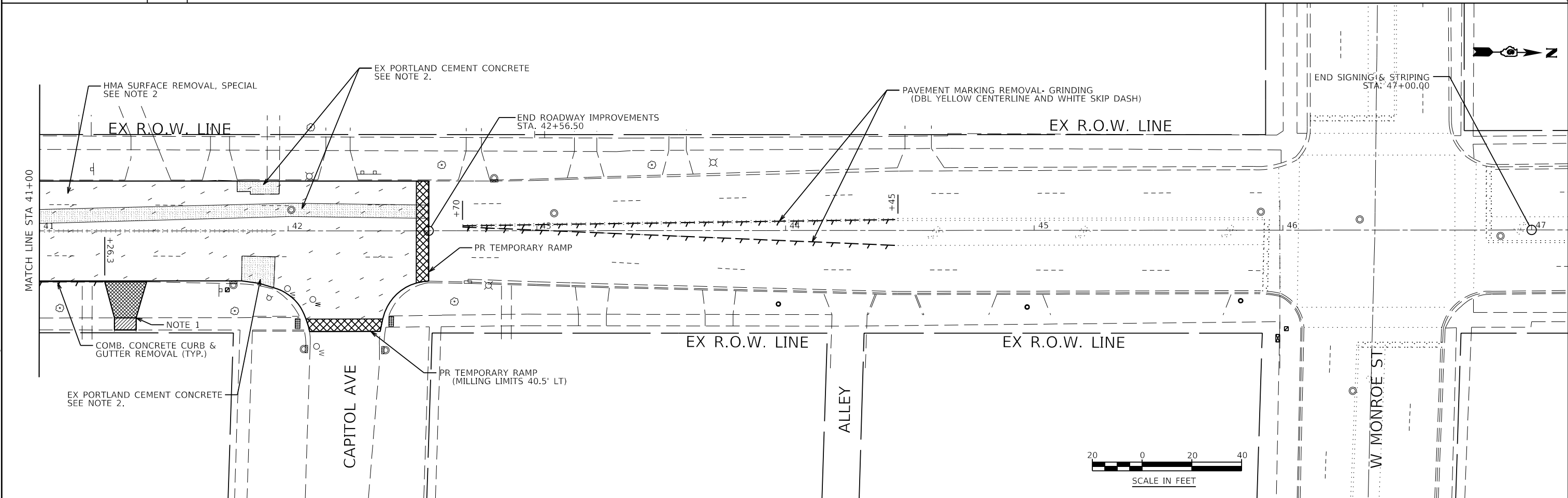
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	PLOT DATE = 7/13/2020	DRAWN KES	REVISED -			8014	17-00484-00-5P	SANGAMON	82	15	
	CHECKED JSA	REVISED -				CONTRACT NO. 93749					
	DATE 06/19/2020	REVISED -				ILLINOIS FED. AID PROJECT					

SCALE: AS SHOWN SHEET NO. 3 OF 4 SHEETS STA. 23+00 TO STA. 35+00



NOTE 1: DRIVEWAY PAVEMENT REMOVAL, SIDEWALK REMOVAL, & EARTH EXCAVATION. DRIVEWAY PAVEMENT REMOVALS ARE PRIMARILY CONCRETE BUT PAY ITEM SHALL ALSO INCLUDE CONC. WITH HMA OVERLAYS, HMA DRIVEWAY, BRICK OR OTHER.

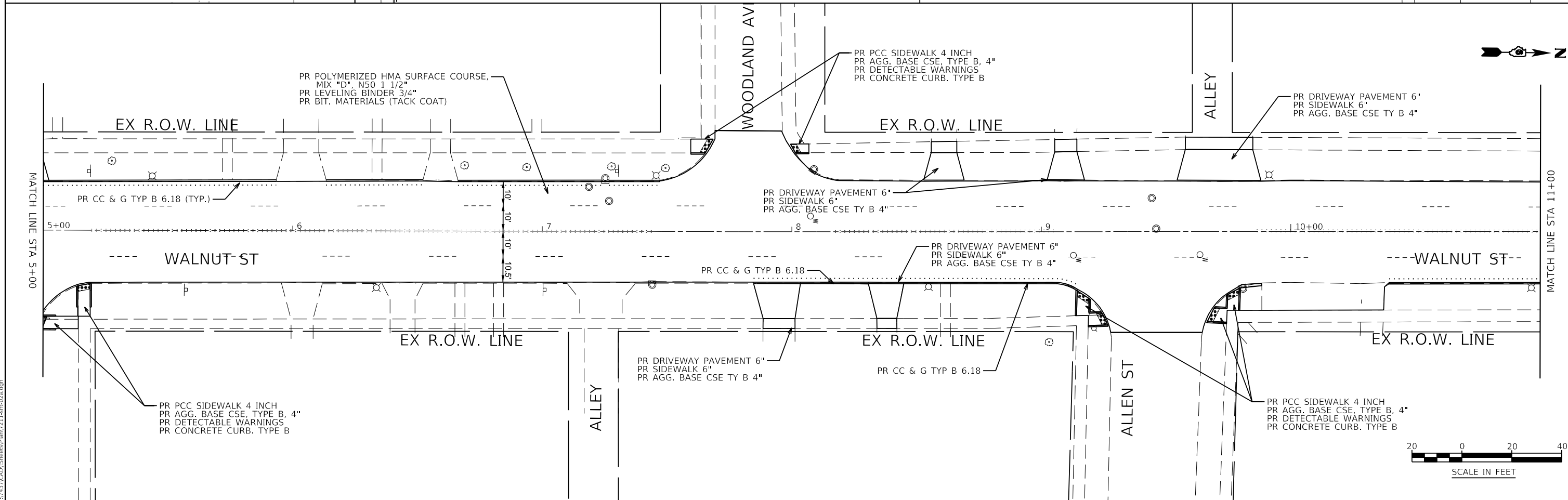
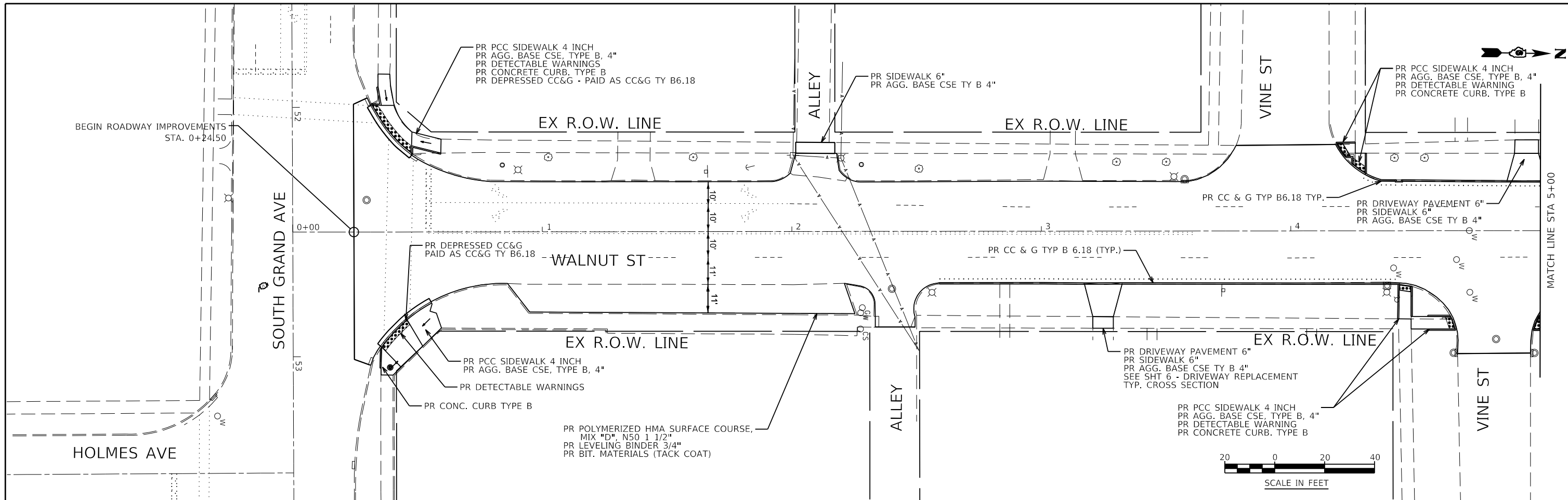
NOTE 2: SEE SPECIAL PROVISION. PAY ITEM INCLUDES MILLING OF BOTH HOT MIX ASPHALT AND PORTLAND CEMENT CONCRETE SURFACES.



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	PLOT DATE = 7/13/2020	DRAWN KES	REVISED -			8014	17-00484-00-5P	SANGAMON	82	16	
	CHECKED JSA	REVISED -	CONTRACT NO. 93749								
	DATE 06/19/2020	REVISED -	ILLINOIS FED. AID PROJECT								

SCALE: AS SHOWN SHEET NO. 4 OF 4 SHEETS STA. 35+00 TO STA. 47+00



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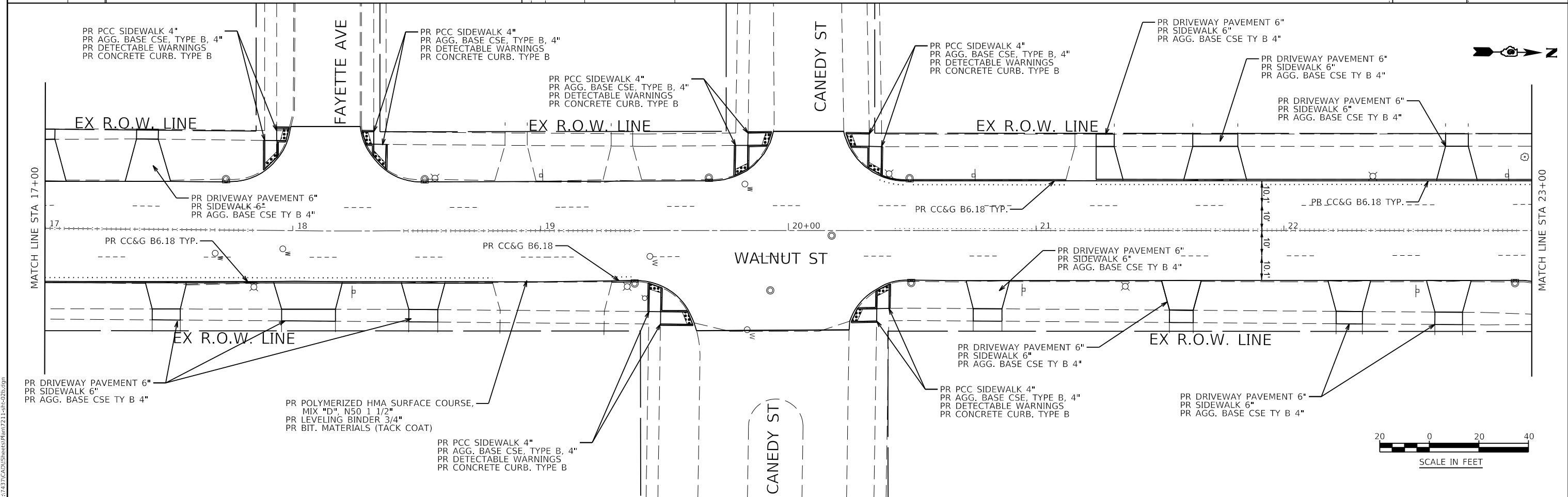
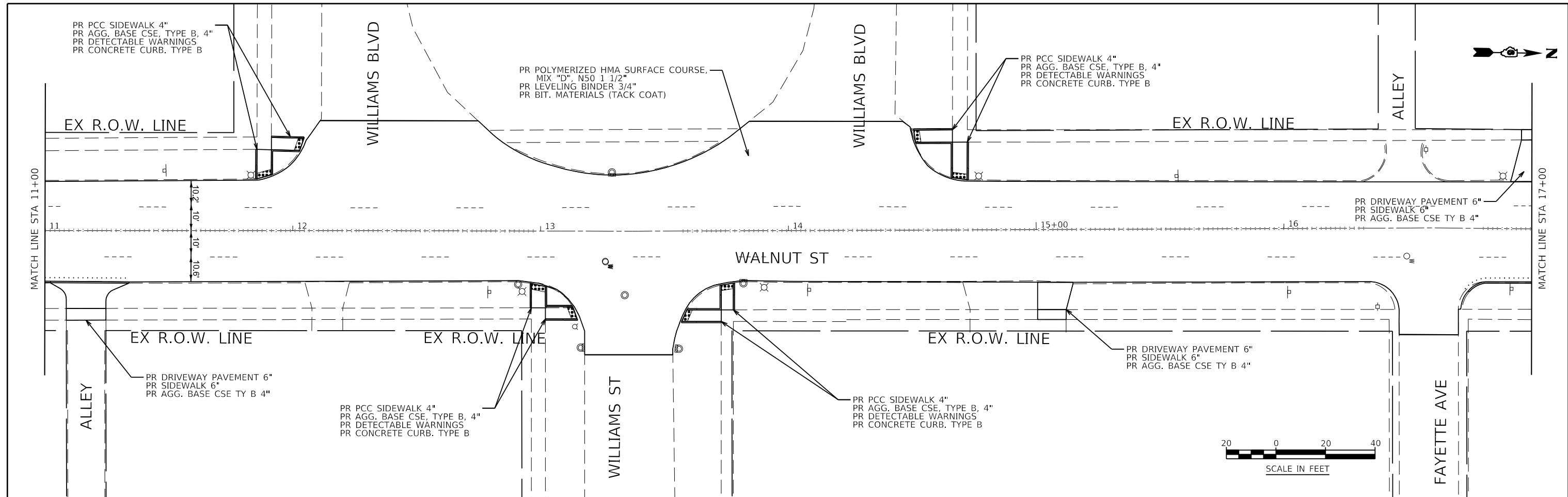
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	DRAWN KES	REVISED -
	CHECKED JSA	REVISED -
PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
WALNUT STREET**

SCALE: AS SHOWN SHEET NO. 1 OF 4 SHEETS STA. 0+00 TO STA. 11+00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	17
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				



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KNIGHT
Engineers & Architects

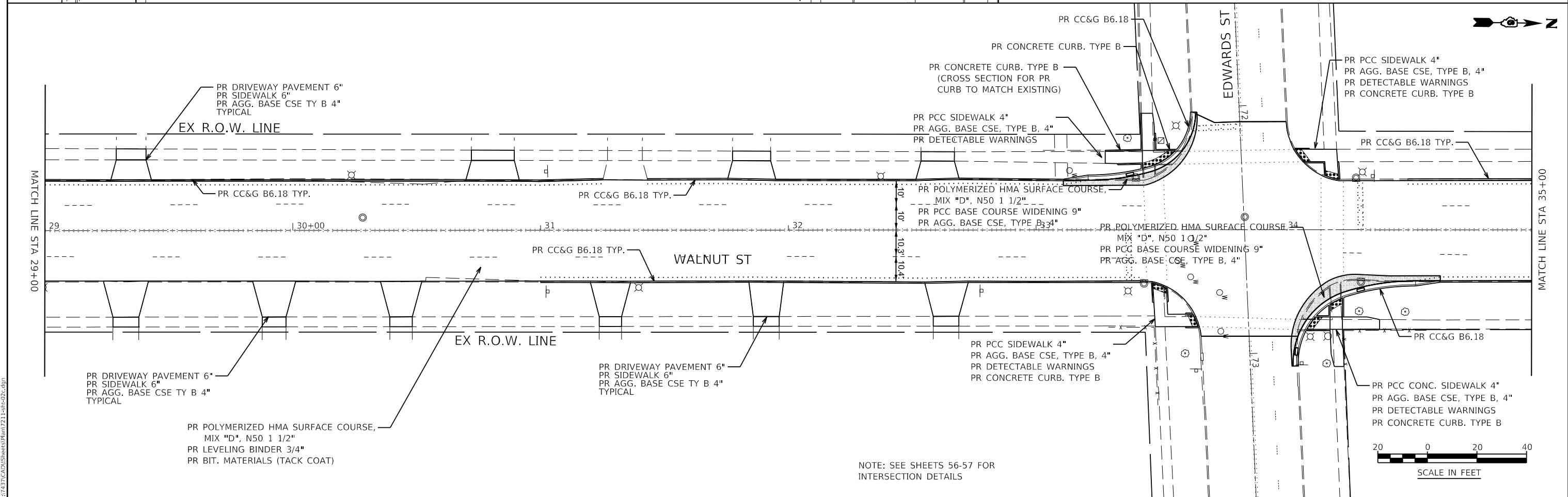
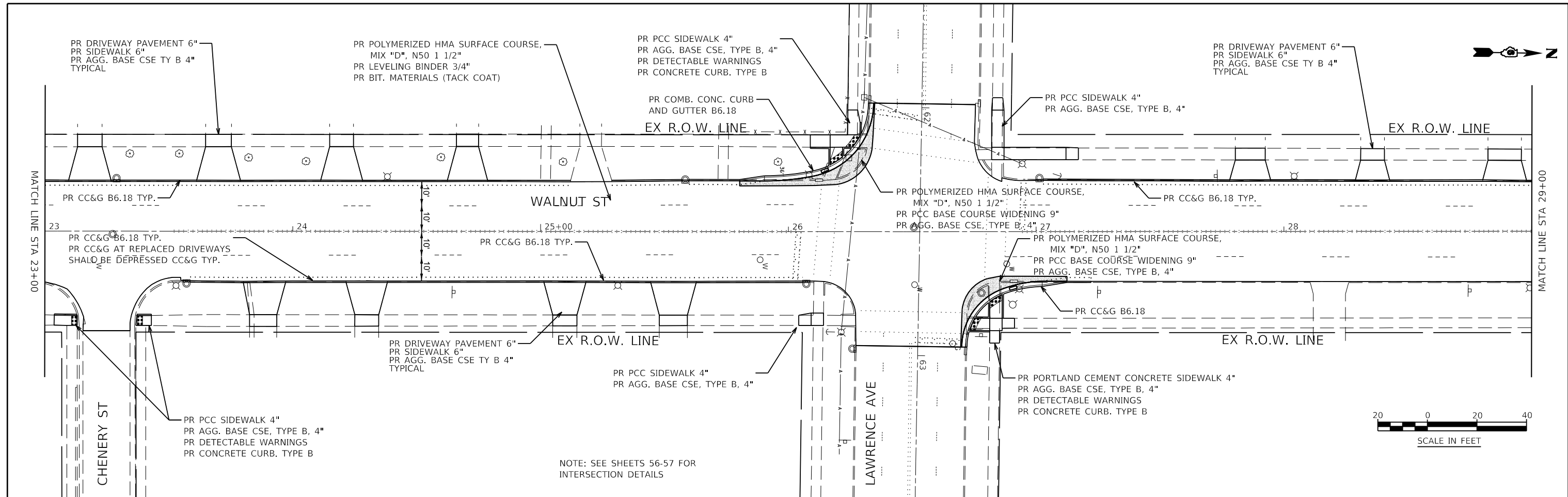
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	DRAWN KES	REVISED -
	CHECKED JSA	REVISED -
PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
WALNUT STREET**

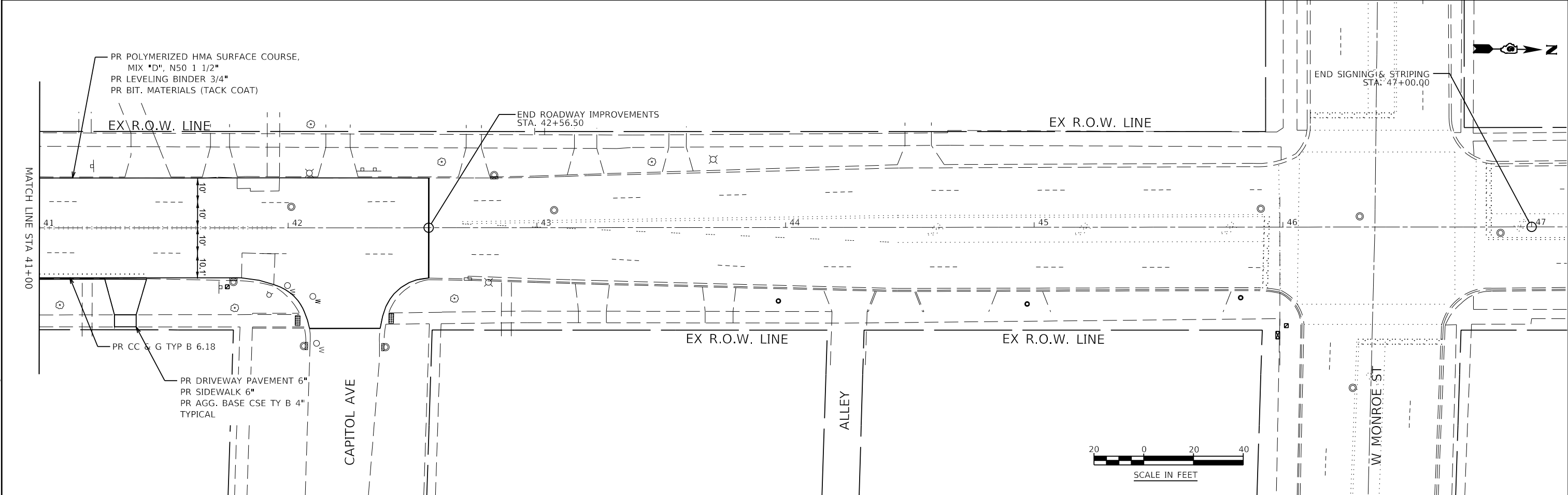
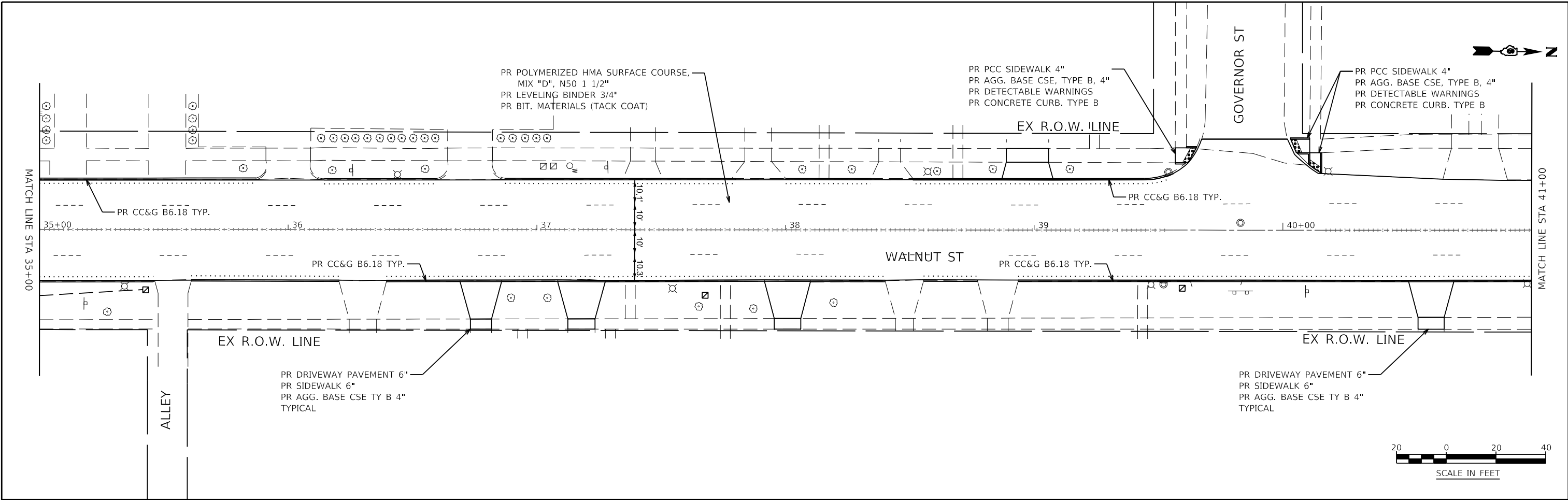
SCALE: AS SHOWN SHEET NO. 2 OF 4 SHEETS STA. 11+00 TO STA. 23+00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	18
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				



USER NAME = Jleaf	DESIGNED KES	REVISED -
	DRAWN KES	REVISED -
	CHECKED JSA	REVISED -
PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

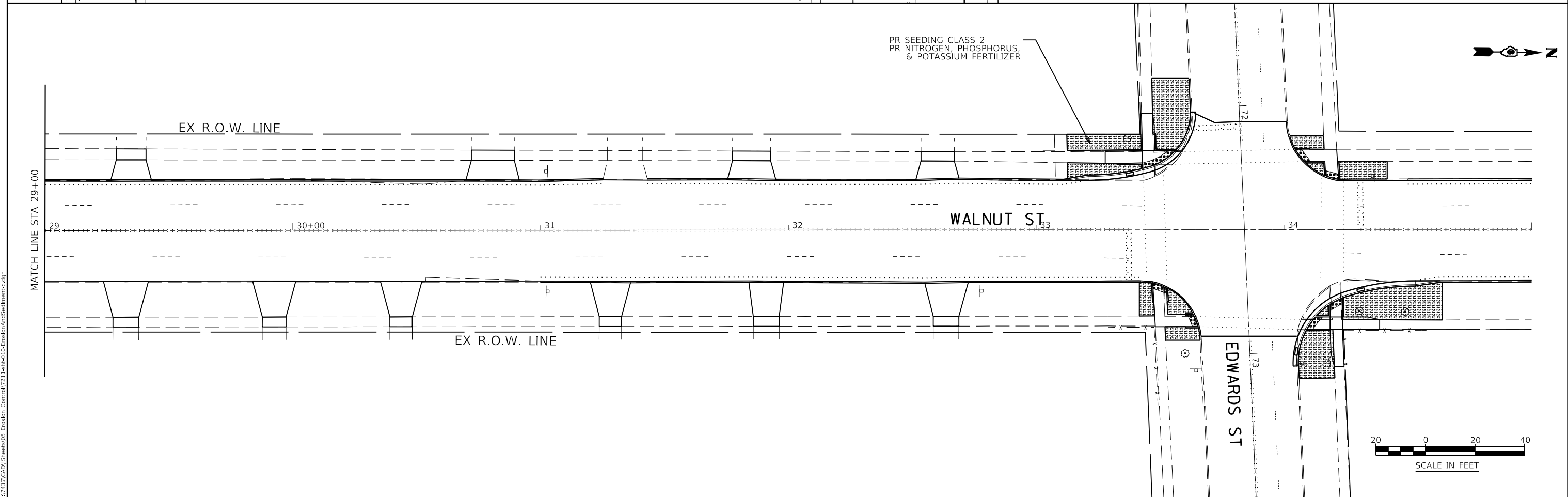
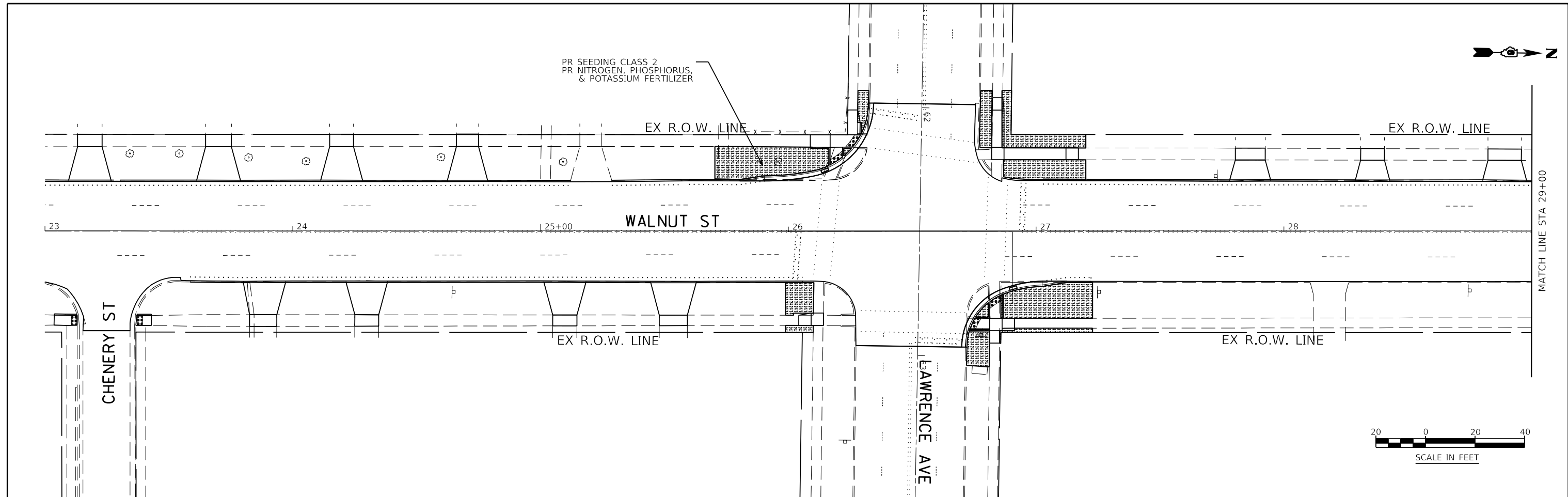
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	19
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				



KNIGHT Engineers & Architects	USER NAME = Jleaf	DESIGNED KES	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN WALNUT STREET	F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -			8014	17-00484-00-5P	SANGAMON	82	20	
						CONTRACT NO. 93749					
						ILLINOIS FED. AID PROJECT					

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SCALE: AS SHOWN SHEET NO. 4 OF 4 SHEETS STA. 35+00 TO STA. 47+00



	USER NAME = Jleaf	DESIGNED KES	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL PLAN WALNUT STREET	F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -			8014	17-00484-00-5P	SANGAMON	82	21	
					SCALE: AS SHOWN SHEET NO. 1 OF 1 SHEETS STA. 23+00 TO STA. 35+00		CONTRACT NO. 93749				
							ILLINOIS FED. AID PROJECT				

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SUGGESTED SEQUENCE OF CONSTRUCTION

STAGE 1:

ESTABLISH INITIAL TRAFFIC CONTROL INCLUDING POST MOUNTED SIGNS AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS AND IN ACCORDANCE WITH SECTION 701 OF THE STANDARD SPECIFICATIONS, AND AS DETAILED ON MAINTENANCE OF TRAFFIC (MOT) PLAN SHEETS 24 THROUGH 27.

CONTRACTOR SHALL UTILIZE APPLICABLE PORTIONS OF TRAFFIC CONTROL AND PROTECTION STANDARD 701606, 701611, 701701, 701801, AND 701901 TO PERFORM WIDENING OF INTERSECTION RADII, TRAFFIC SIGNAL MODIFICATIONS AND ACCESSIBLE RAMP IMPROVEMENTS AT VARIOUS LOCATIONS WITHIN THE PROJECT LIMITS.

THE CONTRACTOR SHALL CLOSE EDWARDS STREET AT THE INTERSECTION OF WALNUT STREET AND EDWARDS STREET UTILIZING APPLICABLE PORTIONS OF TRAFFIC CONTROL AND PROTECTION STANDARD 701611 AND AS DETAILED ON THE EDWARDS STREET DETOUR SHEET 26. THE CONTRACTOR SHALL CREATE AND SUBMIT A SCHEDULE FOR THE WORK AT WALNUT STREET AND EDWARDS STREET. THIS SCHEDULE SHALL MINIMIZE THE AMOUNT OF TIME THE EDWARDS STREET ROAD CLOSURE AND DETOUR IS IN PLACE. THE CONTRACTOR SHALL SUBMIT THIS PROPOSED WORK SCHEDULE FOR APPROVAL BY THE SPRINGFIELD DEPARTMENT OF PUBLIC WORKS AND THE RESIDENT ENGINEER.

MAJOR CONSTRUCTION ITEMS TO INCLUDE:

- VARIOUS REMOVAL ITEMS
- AGGREGATE BASE COURSE TYPE B, 4"
- COMBINATION CONCRETE CURB AND GUTTER TY. B6.18
- PCC BASE COURSE, 9"
- PCC SIDEWALK, 4"
- DETECTABLE WARNINGS
- ALL STORM SEWER ITEMS
- ALL TRAFFIC SIGNAL ITEMS

STAGE 2:

ESTABLISH INITIAL TRAFFIC CONTROL INCLUDING POST MOUNTED SIGNS AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS AND IN ACCORDANCE WITH SECTION 701 OF THE STANDARD SPECIFICATIONS, AND AS DETAILED ON MAINTENANCE OF TRAFFIC (MOT) PLAN SHEETS 28 THROUGH 43.

CONTRACTOR SHALL UTILIZE APPLICABLE PORTIONS OF TRAFFIC CONTROL AND PROTECTION STANDARD 701606, 701611, 701701, 701801, AND 701901.

MAJOR CONSTRUCTION ITEMS TO INCLUDE:

- DRIVEWAY & SIDEWALK REMOVAL ITEMS
- HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- TEMPORARY RAMPS
- HOT MIX ASPHALT SURFACE COURSE, MIX D, N50
- AGGREGATE BASE COURSE TYPE B, 4"
- PCC SIDEWALK, 6"
- PCC DRIVEWAY, 6"

STAGE 2A:

DURING THIS SUBSTAGE THE CONTRACTOR SHALL UTILIZE STANDARD 701611 AND AS DETAILED ON MOT SHEETS 28-31 TO PERFORM HMA SURFACE REMOVAL, 2" AND HMA SURFACE COURSE, MIX D, N50 ON THE NORTHBOUND DRIVING LANE.

CONTRACTOR SHALL ALSO REMOVE AND REPLACE DRIVEWAY AND SIDEWALK PAVEMENTS ALONG THE EAST SIDE OF THE ROAD.

STAGE 2B:

DURING THIS SUBSTAGE THE CONTRACTOR SHALL UTILIZE STANDARD 701611 AND AS DETAILED ON MOT SHEETS 32-35 TO PERFORM HMA SURFACE REMOVAL, 2" AND HMA SURFACE COURSE, MIX D, N50 ON THE SOUTHBOUND DRIVING LANE.

CONTRACTOR SHALL ALSO REMOVE AND REPLACE DRIVEWAY AND SIDEWALK PAVEMENTS ALONG THE WEST SIDE OF THE ROAD.

STAGE 2C:

DURING THIS SUBSTAGE THE CONTRACTOR SHALL UTILIZE STANDARD 701611 AND AS DETAILED ON MOT SHEETS 36-39 TO PERFORM HMA SURFACE REMOVAL, 2" AND HMA SURFACE COURSE, MIX D, N50 ON THE NORTHBOUND PASSING LANE.

STAGE 2D:

DURING THIS SUBSTAGE THE CONTRACTOR SHALL UTILIZE STANDARD 701611 AND AS DETAILED ON MOT SHEETS 40-43 TO PERFORM HMA SURFACE REMOVAL, 2" AND HMA SURFACE COURSE, MIX D, N50 ON THE SOUTHBOUND PASSING LANE.

STAGE 3:

CONTRACTOR SHALL UTILIZE APPLICABLE PORTIONS OF TRAFFIC CONTROL AND PROTECTION STANDARD 701611 AND AS MODIFIED ON MOT SHEETS 44-55 TO PERFORM STRIPING AND SIGNAGE AT ALL LOCATIONS WITHIN THE PROJECT LIMITS.

MAJOR CONSTRUCTION ITEMS TO INCLUDE:

- THERMOPLASTIC PAVEMENT MARKINGS (ALL ITEMS)
- SIGNAGE (ALL ITEMS)

STAGE 3A:

DURING THIS SUBSTAGE THE CONTRACTOR SHALL UTILIZE STANDARD 701611 AND AS DETAILED ON MOT SHEETS 44-47 TO PERFORM THERMOPLASTIC PAVEMENT MARKINGS (ALL ITEMS) ON THE TWO-WAY LEFT TURN LANE.

STAGE 3B:

DURING THIS SUBSTAGE THE CONTRACTOR SHALL UTILIZE STANDARD 701611 AND AS DETAILED ON MOT SHEETS 48-51 TO PERFORM THERMOPLASTIC PAVEMENT MARKINGS (ALL ITEMS) FOR THE NORTHBOUND BIKE LANE.







STAGE 3C:

DURING THIS SUBSTAGE THE CONTRACTOR SHALL UTILIZE STANDARD 701611 AND AS DETAILED ON MOT SHEETS 52-55 TO PERFORM THERMOPLASTIC PAVEMENT MARKINGS (ALL ITEMS) FOR THE SOUTHBOUND BIKE LANE.

APPLICABLE IDOT STANDARDS

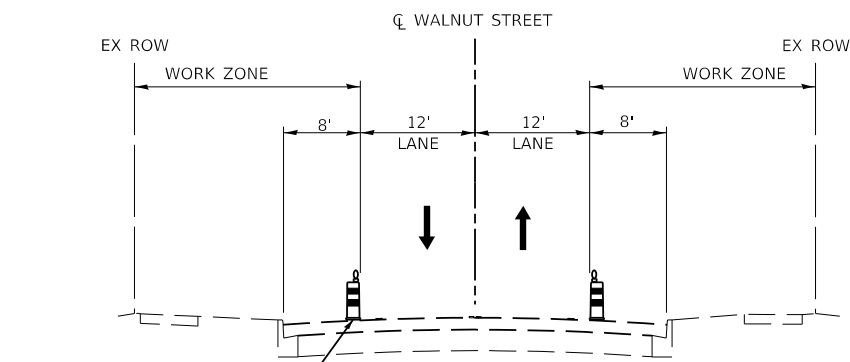
STANDARD	APPLICATION
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2 WAY WITH MOUNTABLE MEDIAN
701611-01	URBAN HALF ROAD CLOSURE, MULTILANE, 2 WAY WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS

LEGEND

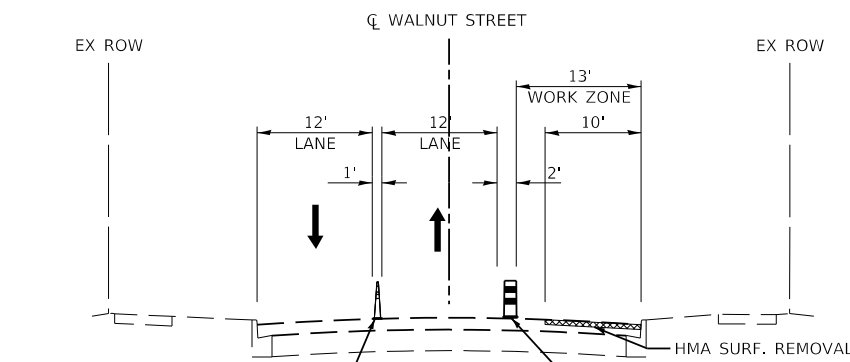
	CONSTRUCTION WORK ZONE
	DIRECTION OF TRAFFIC
	CANALIZATION DRUM WITH STEADY BURNING LIGHT
	SIGN
	TYPE III BARRICADE LOCATION
	TYPE II BARRICADES WITH FLASHER

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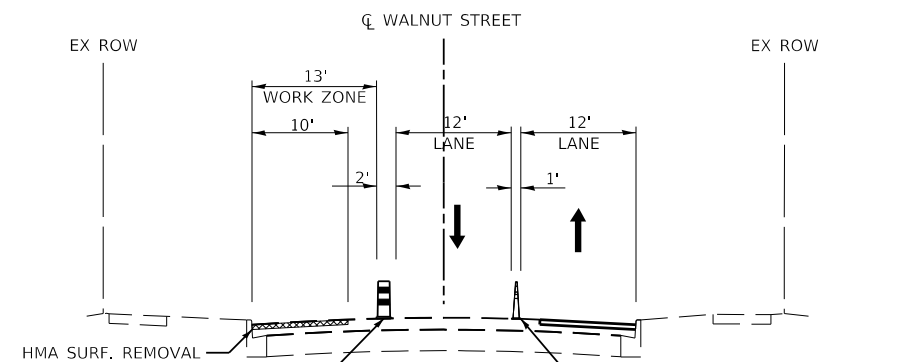
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		DRAWN KES	REVISED -			8014	17-00484-00-5P	SANGAMON	82	22
		CHECKED JSA	REVISED -			CONTRACT NO. 93749				
	PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -	SCALE: AS SHOWN		SHEET NO. 1 OF 33 SHEETS		STA. TO STA.		
						ILLINOIS FED. AID PROJECT				



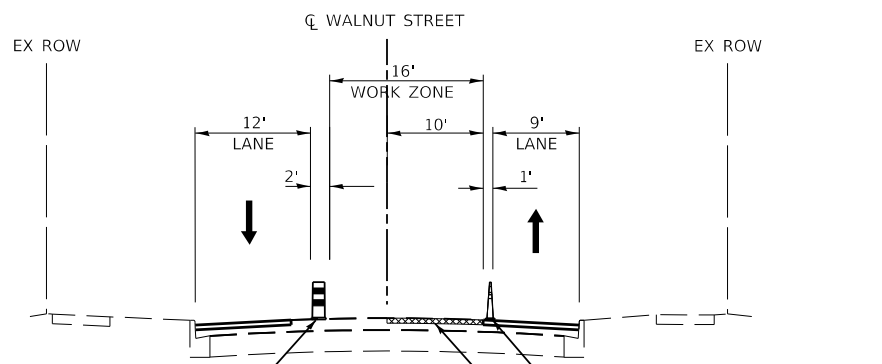
STAGE 1
 WALNUT STREET TYPICAL SECTION
 STA. 0+24.5 TO STA. 01+00
 STA. 01+00 TO STA. 25+50 (SIDEWALK IMPR. VAR. LOCATIONS)
 STA. 25+50 TO STA. 27+25
 STA. 29+50 TO STA. 35+50
 STA. 35+50 TO STA. 42+56.5 (SIDEWALK IMPR. VAR. LOCATIONS)



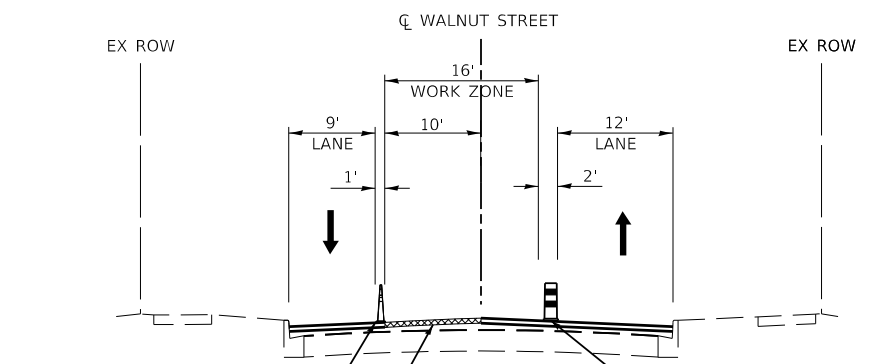
STAGE 2A
 WALNUT STREET TYPICAL SECTION
 STA. 0+24.5 TO STA. 42+56.5



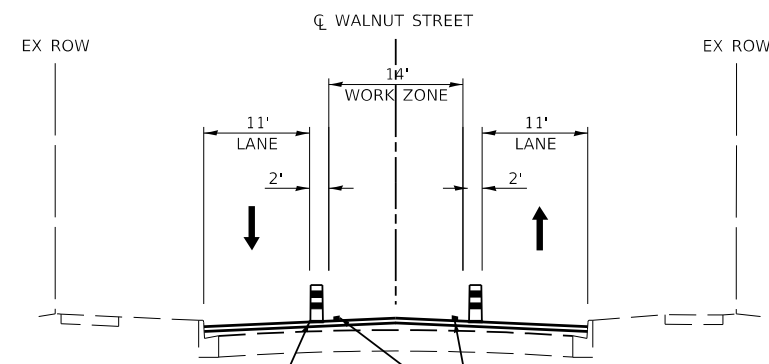
STAGE 2B
 WALNUT STREET TYPICAL SECTION
 STA. 0+24.5 TO STA. 42+56.5



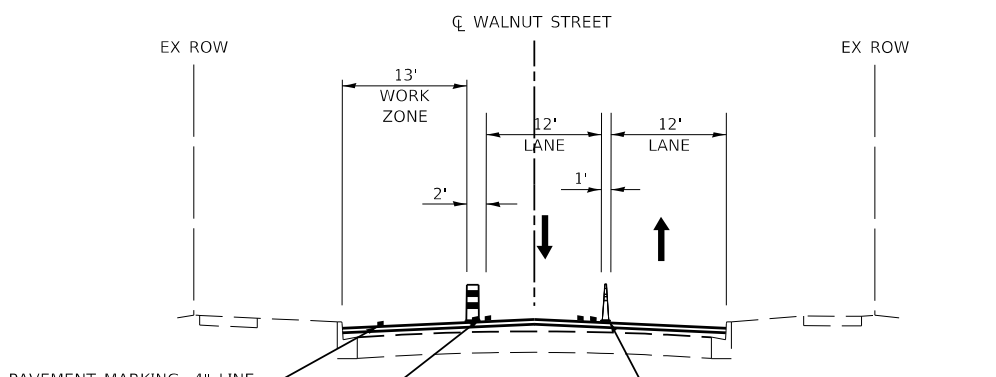
STAGE 2C
 WALNUT STREET TYPICAL SECTION
 STA. 0+24.5 TO STA. 42+56.5



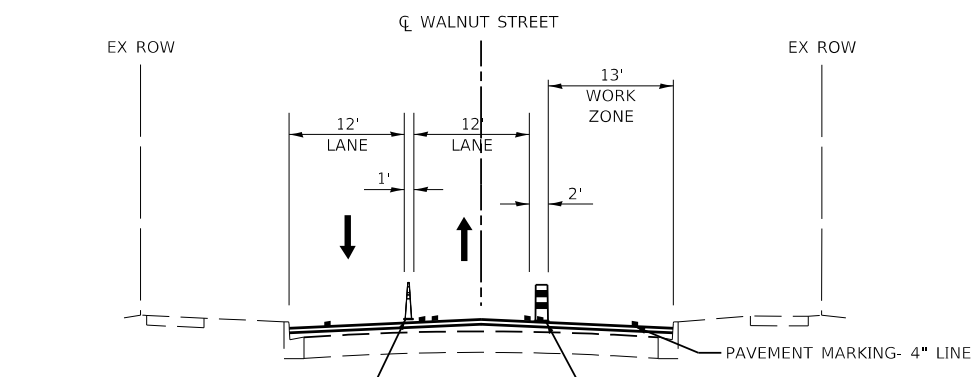
STAGE 2D
 WALNUT STREET TYPICAL SECTION
 STA. 0+24.5 TO STA. 42+56.5



STAGE 3A
 WALNUT STREET TYPICAL SECTION
 STA. 0+24.5 TO STA. 42+56.5



STAGE 3B
 WALNUT STREET TYPICAL SECTION
 STA. 0+24.5 TO STA. 42+56.5



STAGE 3C
 WALNUT STREET TYPICAL SECTION
 STA. 0+24.5 TO STA. 42+56.5

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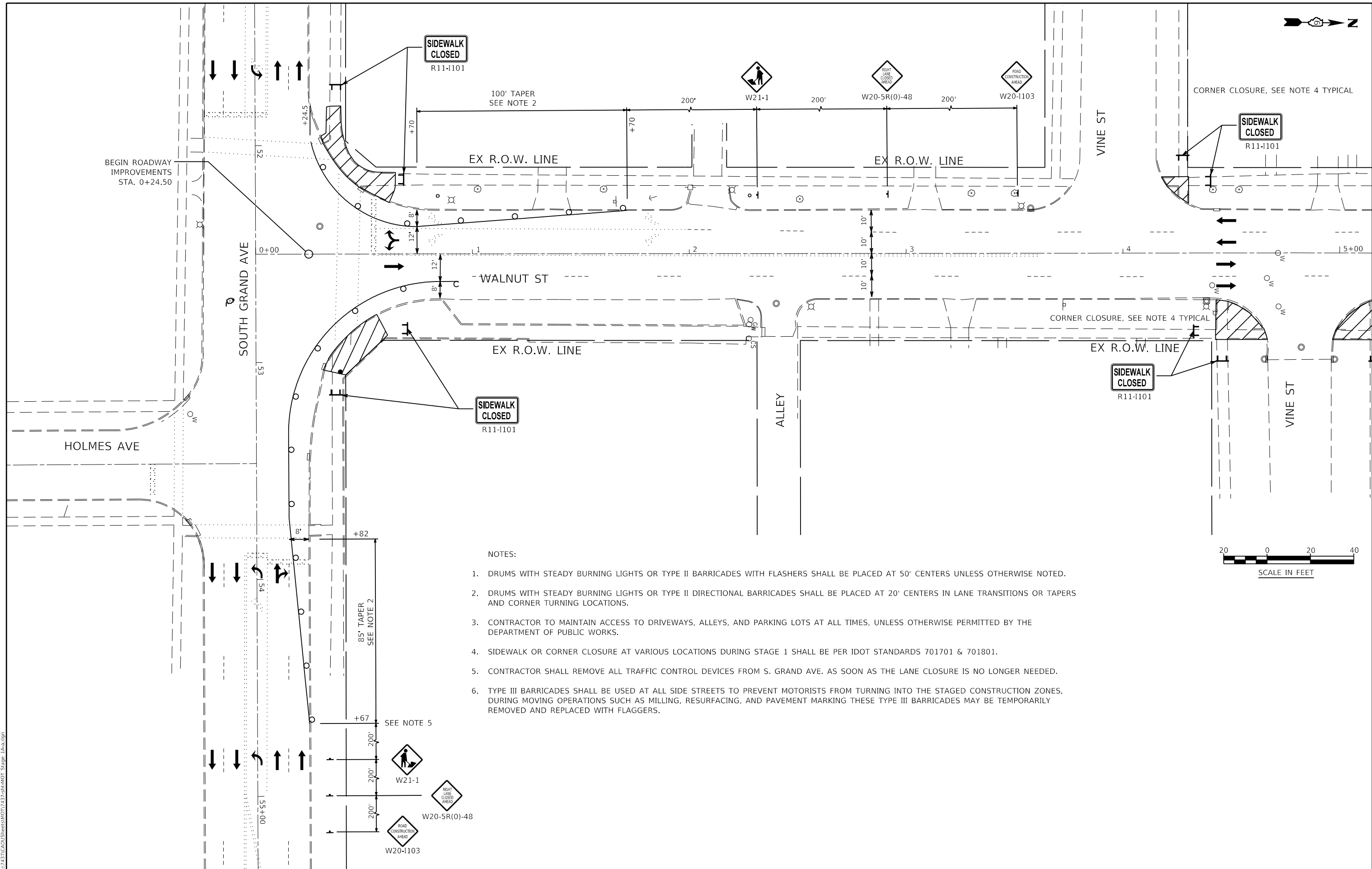
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MOT TYPICAL SECTIONS

SCALE: AS SHOWN SHEET NO. 2 OF 33 SHEETS STA. 00+24.50 TO STA. 42+56.50

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	23
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				

FILE NAME = Z:\17437CAD\ENR\ENR\MOT17437-11T401 Stage 1A.dgn



NOTES:

1. DRUMS WITH STEADY BURNING LIGHTS OR TYPE II BARRICADES WITH FLASHERS SHALL BE PLACED AT 50' CENTERS UNLESS OTHERWISE NOTED.
2. DRUMS WITH STEADY BURNING LIGHTS OR TYPE II DIRECTIONAL BARRICADES SHALL BE PLACED AT 20' CENTERS IN LANE TRANSITIONS OR TAPERS AND CORNER TURNING LOCATIONS.
3. CONTRACTOR TO MAINTAIN ACCESS TO DRIVEWAYS, ALLEYS, AND PARKING LOTS AT ALL TIMES, UNLESS OTHERWISE PERMITTED BY THE DEPARTMENT OF PUBLIC WORKS.
4. SIDEWALK OR CORNER CLOSURE AT VARIOUS LOCATIONS DURING STAGE 1 SHALL BE PER IDOT STANDARDS 701701 & 701801.
5. CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES FROM S. GRAND AVE. AS SOON AS THE LANE CLOSURE IS NO LONGER NEEDED.
6. TYPE III BARRICADES SHALL BE USED AT ALL SIDE STREETS TO PREVENT MOTORISTS FROM TURNING INTO THE STAGED CONSTRUCTION ZONES. DURING MOVING OPERATIONS SUCH AS MILLING, RESURFACING, AND PAVEMENT MARKING THESE TYPE III BARRICADES MAY BE TEMPORARILY REMOVED AND REPLACED WITH FLAGGERS.



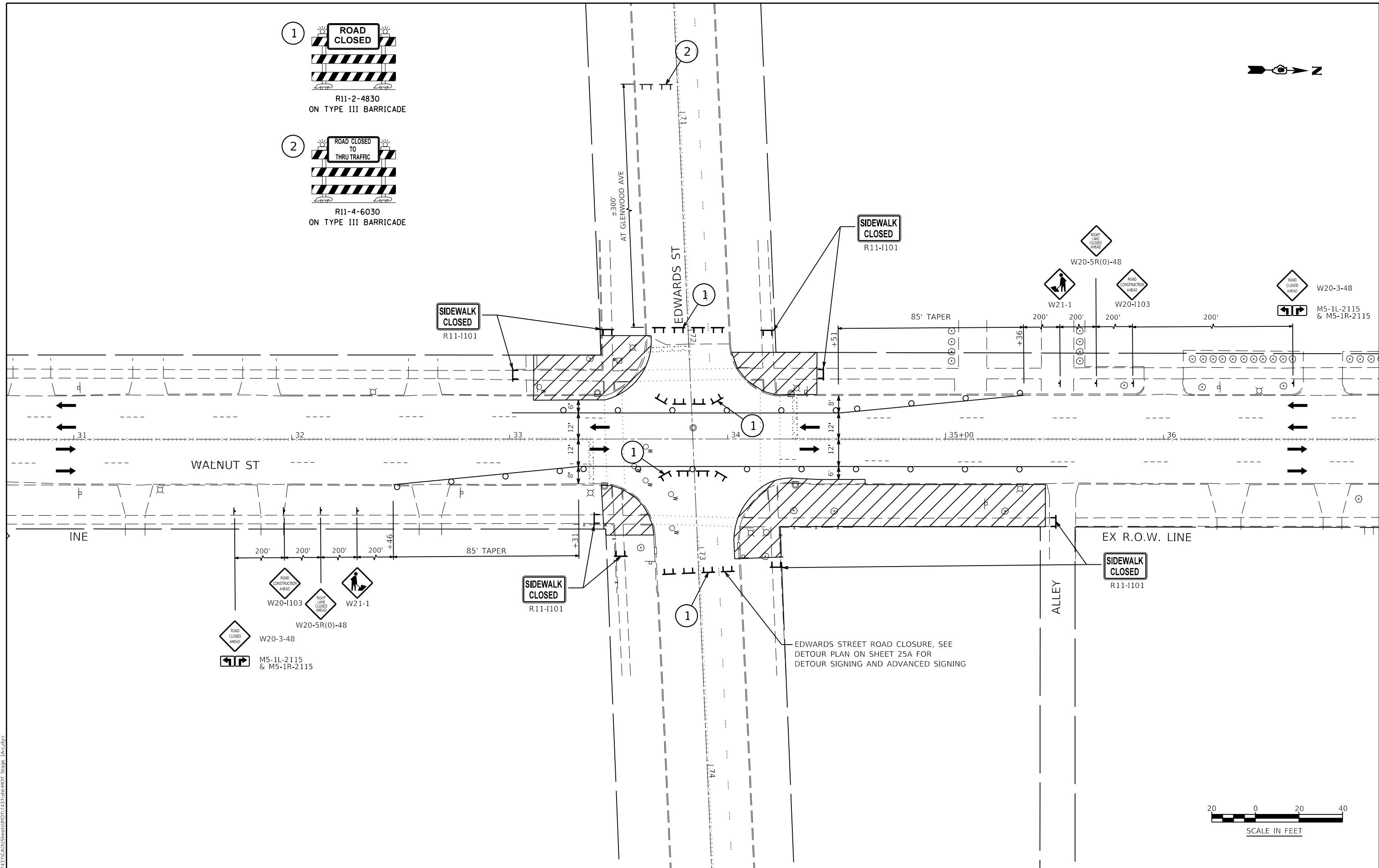
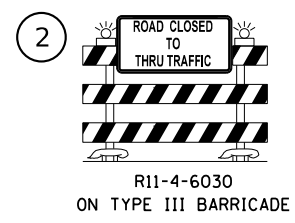
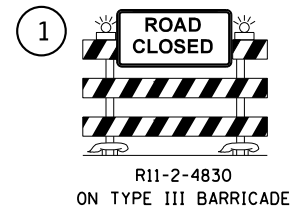
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PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 1A

SCALE: AS SHOWN SHEET NO. 3 OF 33 SHEETS STA. 0+00 TO STA. 11+00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	24
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				



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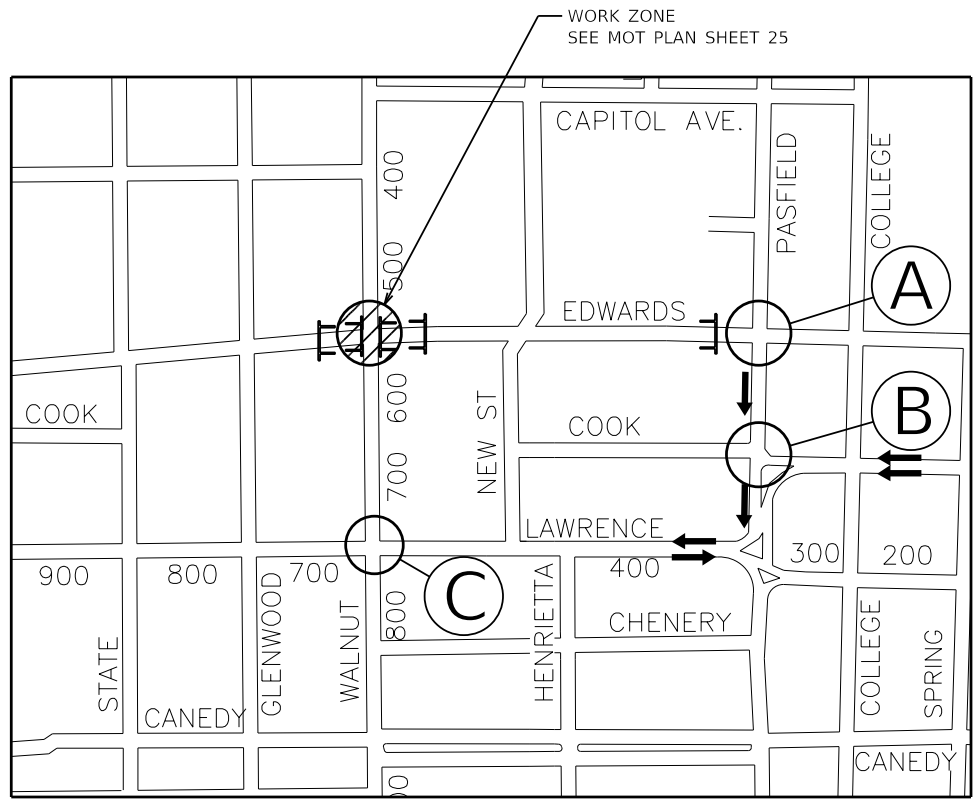
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PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 1A**

SCALE: AS SHOWN SHEET NO. 4 OF 33 SHEETS STA. 23+00 TO STA. 35+00

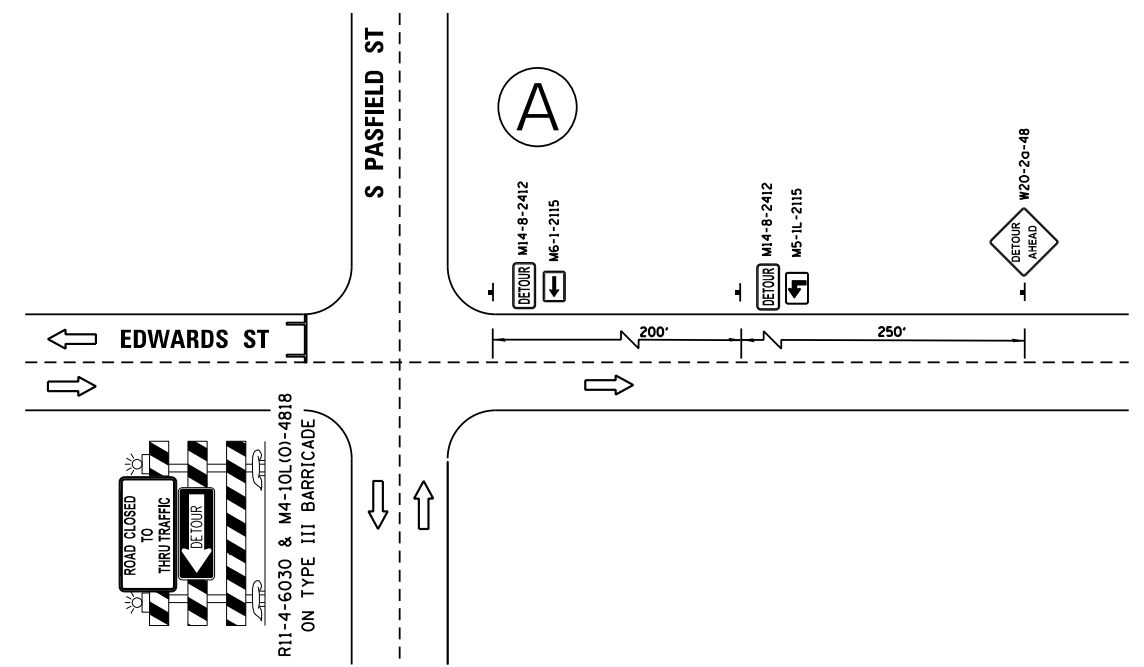
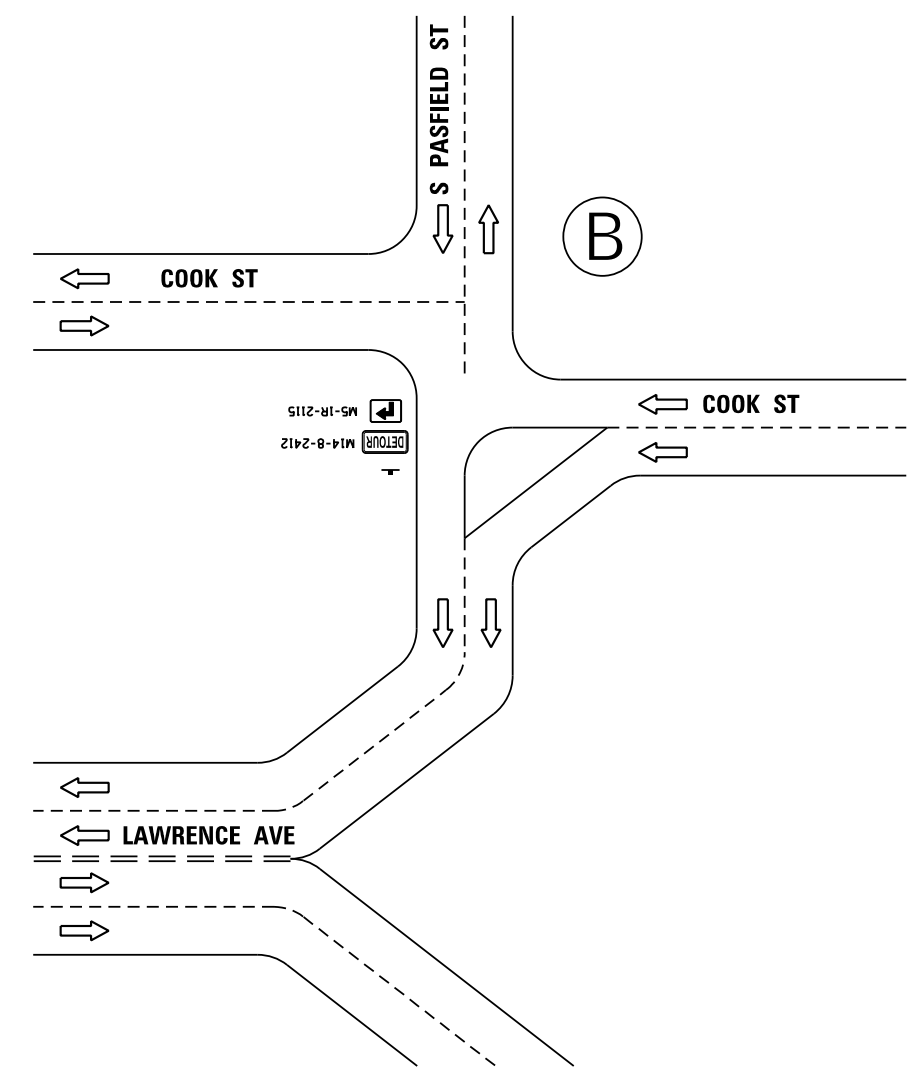
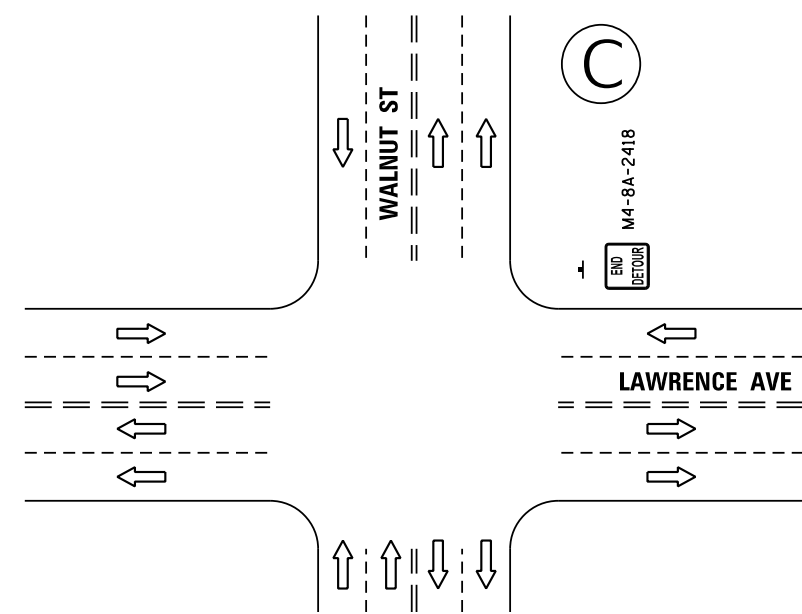
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	25
CONTRACT NO. 93749			ILLINOIS FED. AID PROJECT	



DETOUR MAP

200 0 200 400
SCALE IN FEET

WORK ZONE
SEE MOT PLAN SHEET 25



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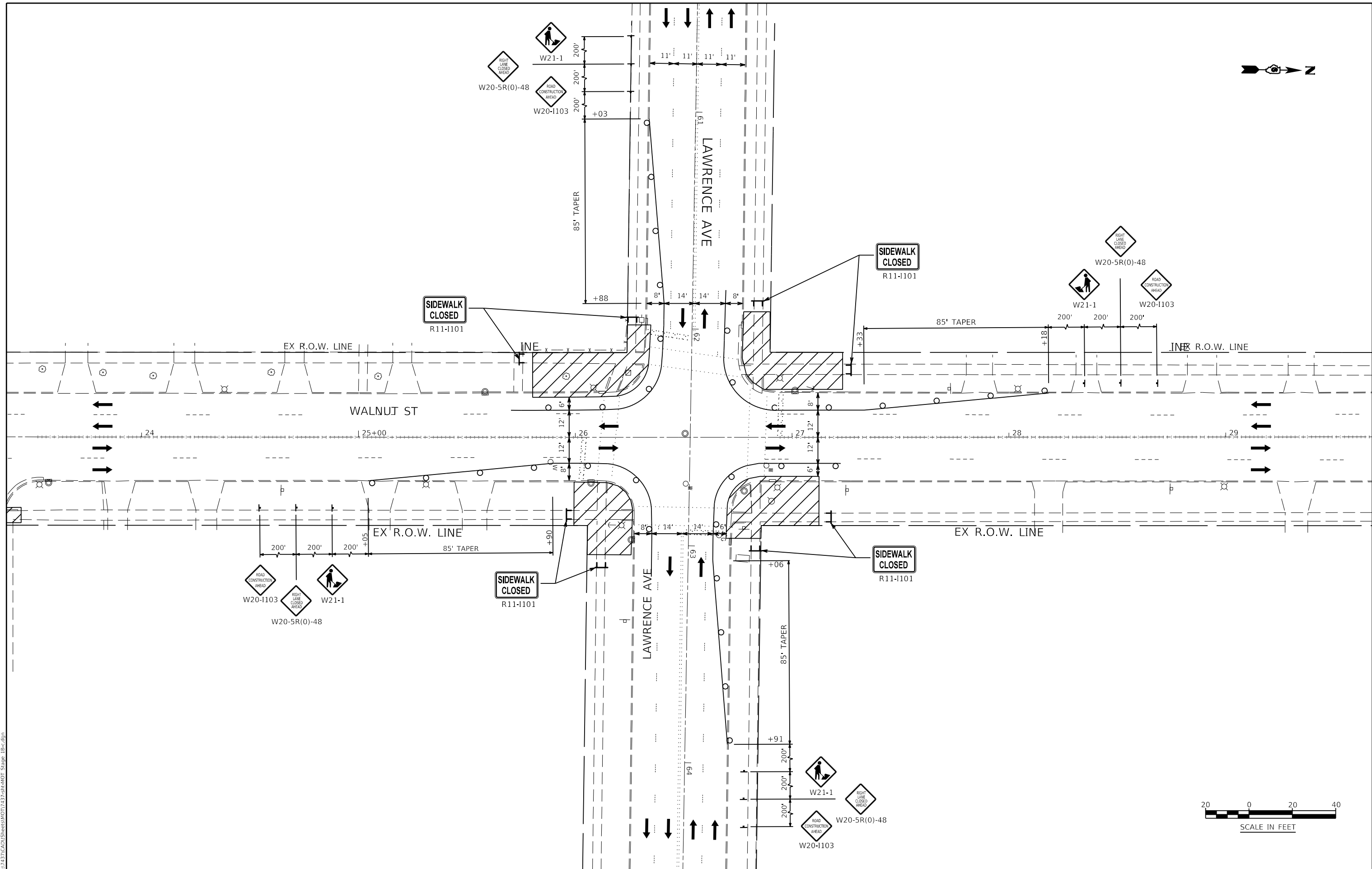
KNIGHT Engineers & Architects	USER NAME = Jleaf	DESIGNED KES	REVISED -
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	PLOT DATE = 7/13/2020	DATE 06/18/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
EDWARDS ST DETOUR**

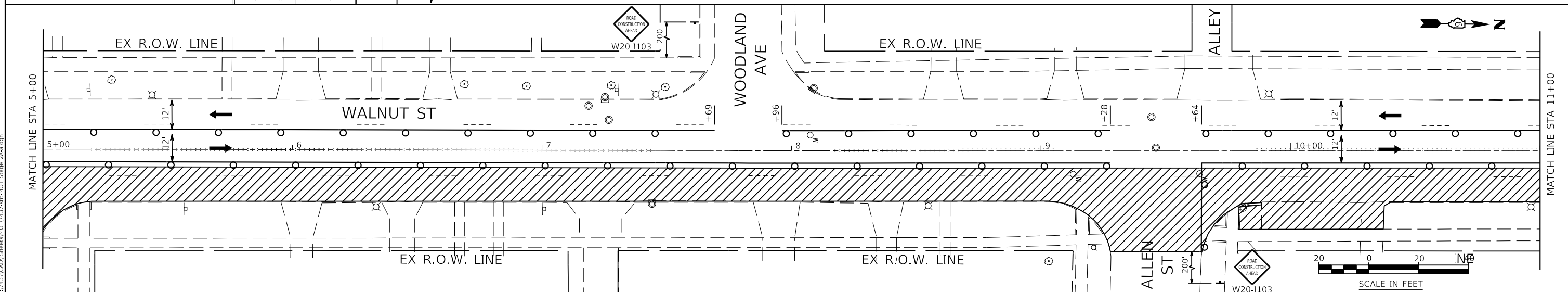
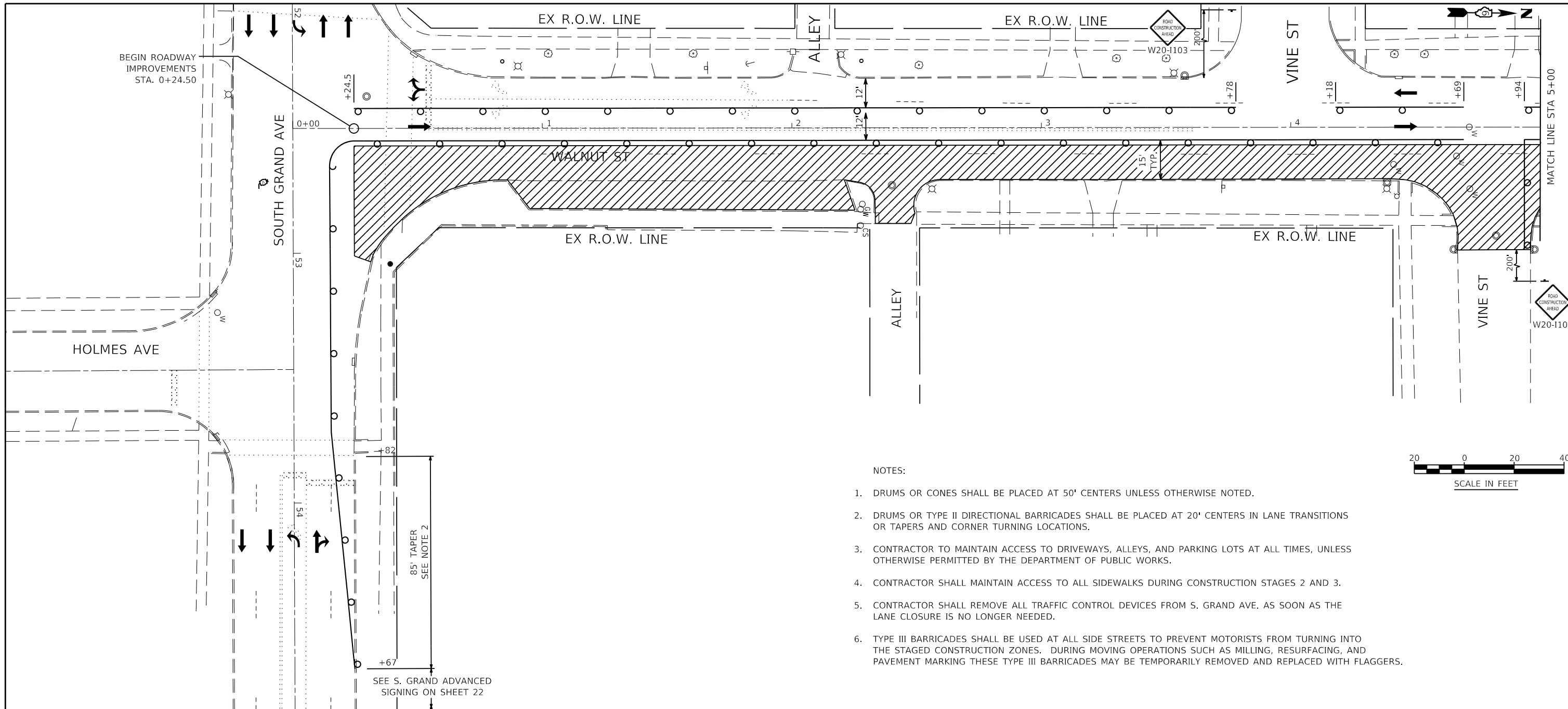
SCALE: AS SHOWN SHEET NO. 4A OF 33 SHEETS STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	26
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				



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	USER NAME = Jleaf	DESIGNED KES	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 1B	F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN KES	REVISED -	8014			17-00484-00-5P	SANGAMON	82	27	
CHECKED JSA	REVISED -	CONTRACT NO. 93749								
PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -	ILLINOIS FED. AID PROJECT							
						SCALE: AS SHOWN SHEET NO. 5 OF 33 SHEETS STA. 23+00 TO STA. 35+00				



FILE NAME = Z:\17437\CAD\ENR\8017437-81R\401 Stage 2A.dgn

NOTES:

1. DRUMS OR CONES SHALL BE PLACED AT 50' CENTERS UNLESS OTHERWISE NOTED.
2. DRUMS OR TYPE II DIRECTIONAL BARRICADES SHALL BE PLACED AT 20' CENTERS IN LANE TRANSITIONS OR TAPERS AND CORNER TURNING LOCATIONS.
3. CONTRACTOR TO MAINTAIN ACCESS TO DRIVEWAYS, ALLEYS, AND PARKING LOTS AT ALL TIMES, UNLESS OTHERWISE PERMITTED BY THE DEPARTMENT OF PUBLIC WORKS.
4. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL SIDEWALKS DURING CONSTRUCTION STAGES 2 AND 3.
5. CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES FROM S. GRAND AVE. AS SOON AS THE LANE CLOSURE IS NO LONGER NEEDED.
6. TYPE III BARRICADES SHALL BE USED AT ALL SIDE STREETS TO PREVENT MOTORISTS FROM TURNING INTO THE STAGED CONSTRUCTION ZONES. DURING MOVING OPERATIONS SUCH AS MILLING, RESURFACING, AND PAVEMENT MARKING THESE TYPE III BARRICADES MAY BE TEMPORARILY REMOVED AND REPLACED WITH FLAGGERS.



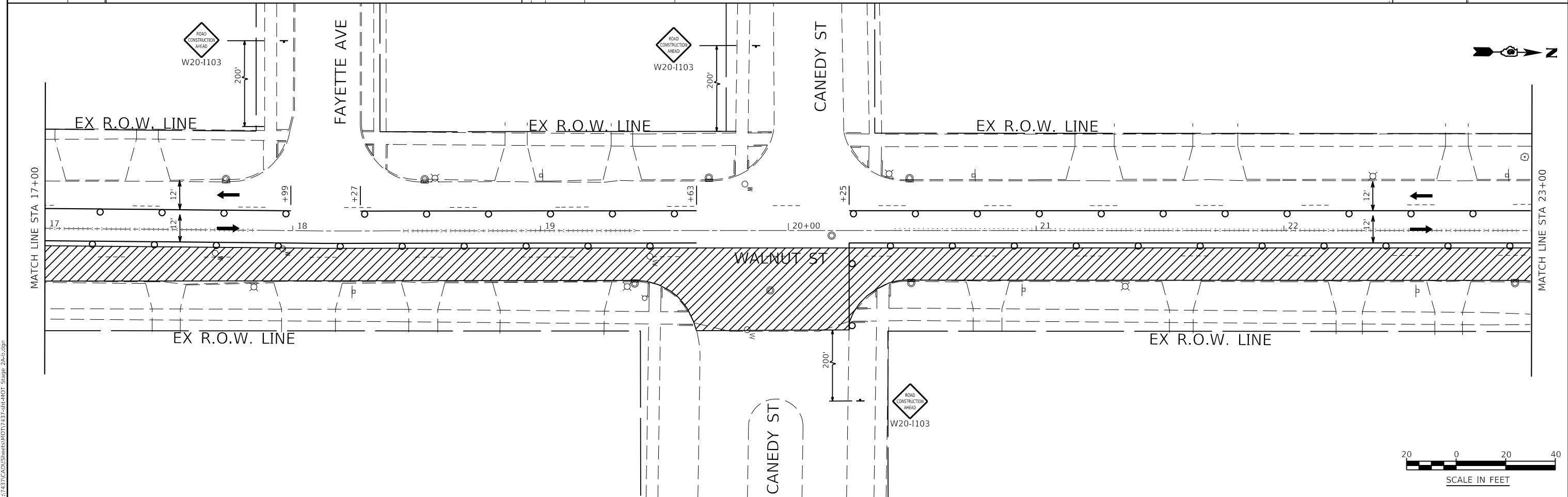
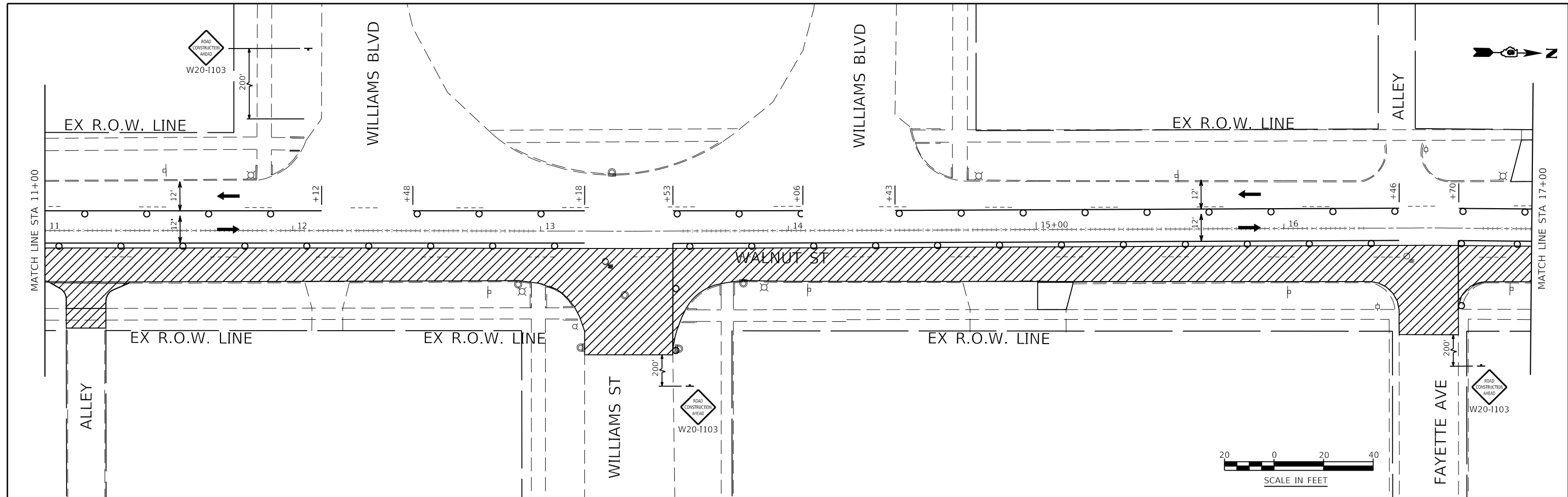
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	DRAWN KES	REVISED -
	CHECKED JSA	REVISED -
PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 2A**

SCALE: AS SHOWN SHEET NO. 6 OF 33 SHEETS STA. 0+00 TO STA. 11+00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	28
CONTRACT NO. 93749			ILLINOIS FED. AID PROJECT	



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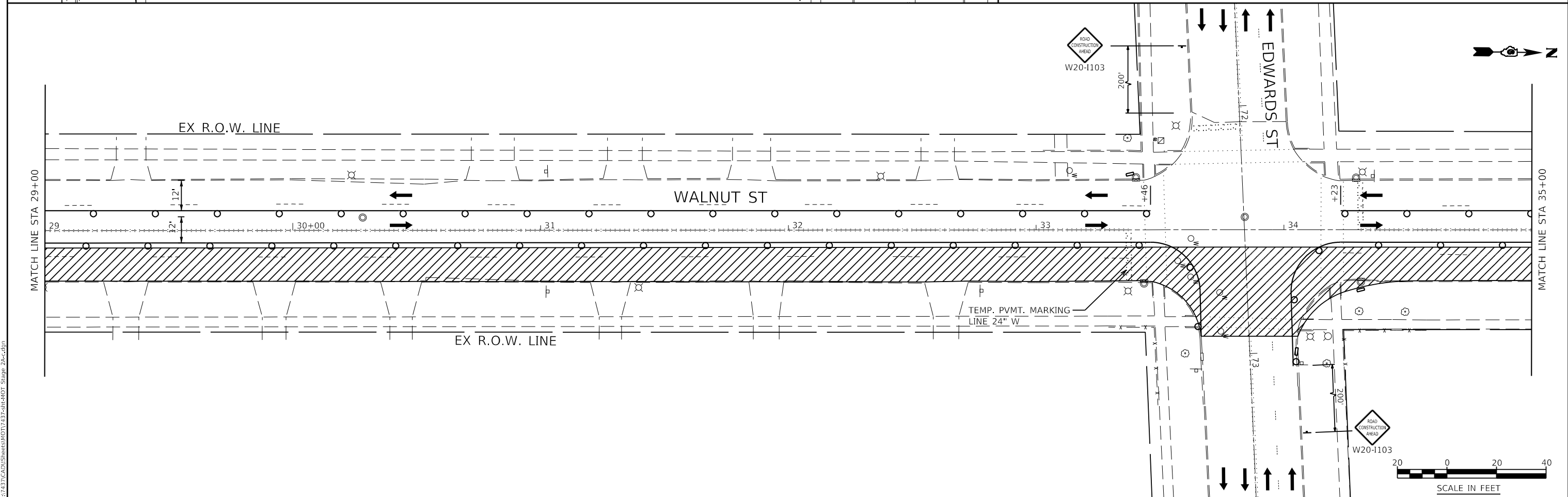
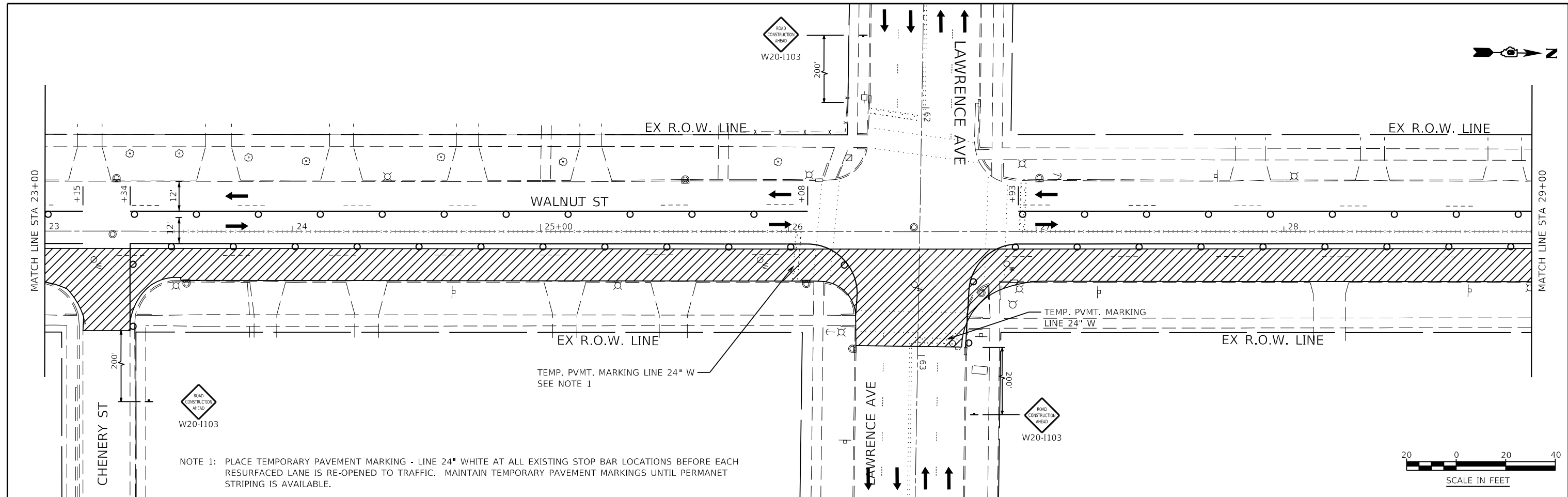
KNIGHT Engineers & Architects	USER NAME = Jleaf	DESIGNED KES	REVISED -
		DRAWN KES	REVISED -
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	PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 2A**

SCALE: AS SHOWN SHEET NO. 7 OF 33 SHEETS STA. 11+00 TO STA. 23+00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	29
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				



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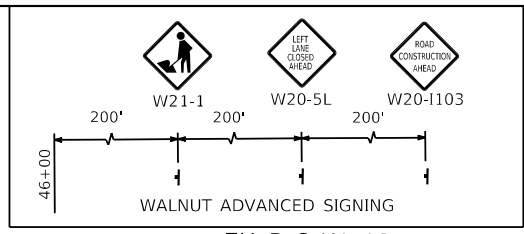
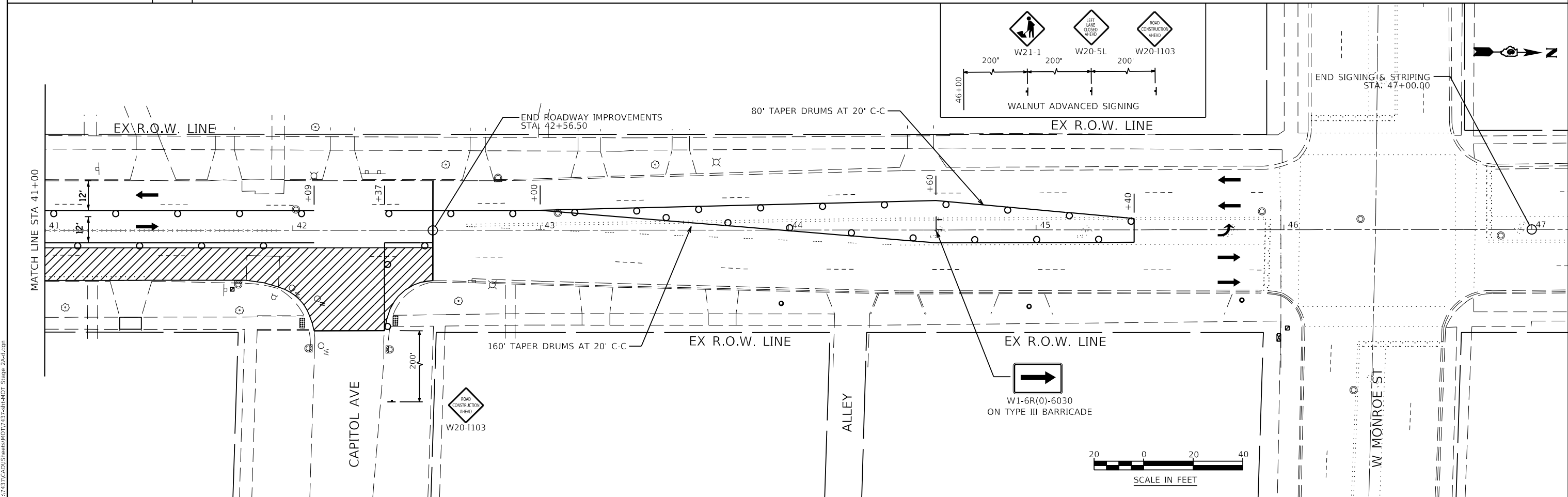
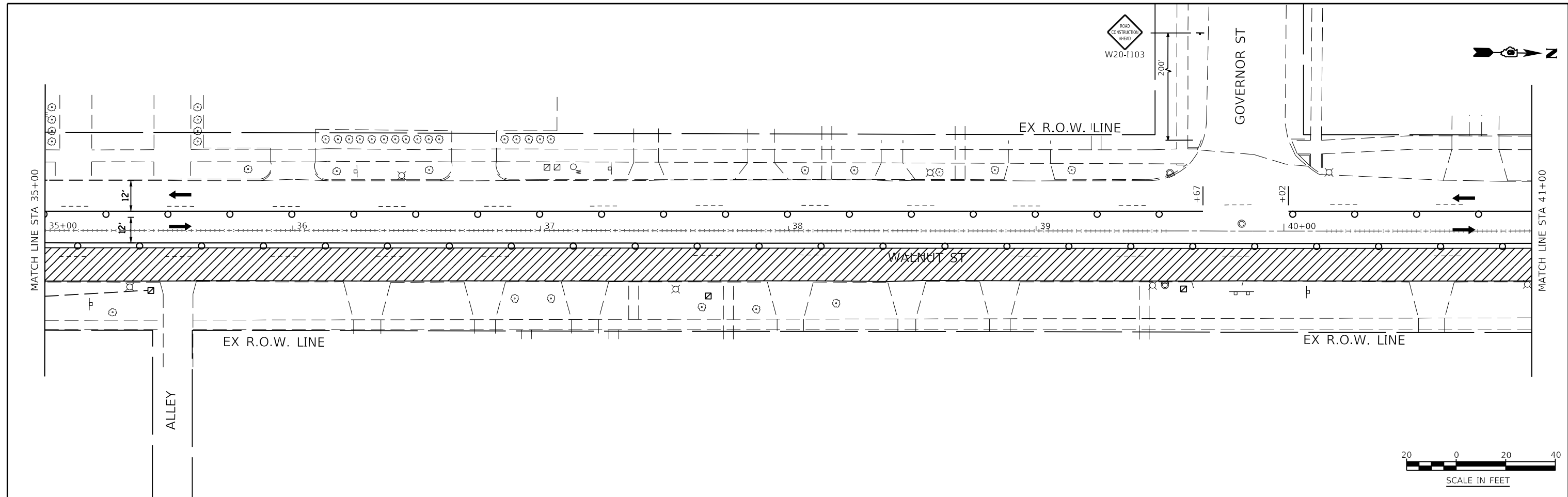
KNIGHT Engineers & Architects	USER NAME = JLeaf	DESIGNED KES	REVISED -
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	PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 2A**

SCALE: AS SHOWN SHEET NO. 8 OF 33 SHEETS STA. 23+00 TO STA. 35+00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	30
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				



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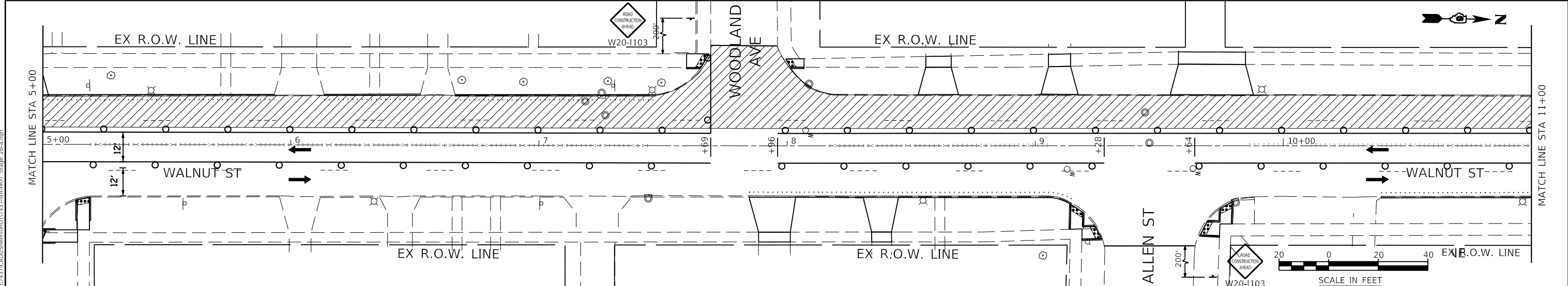
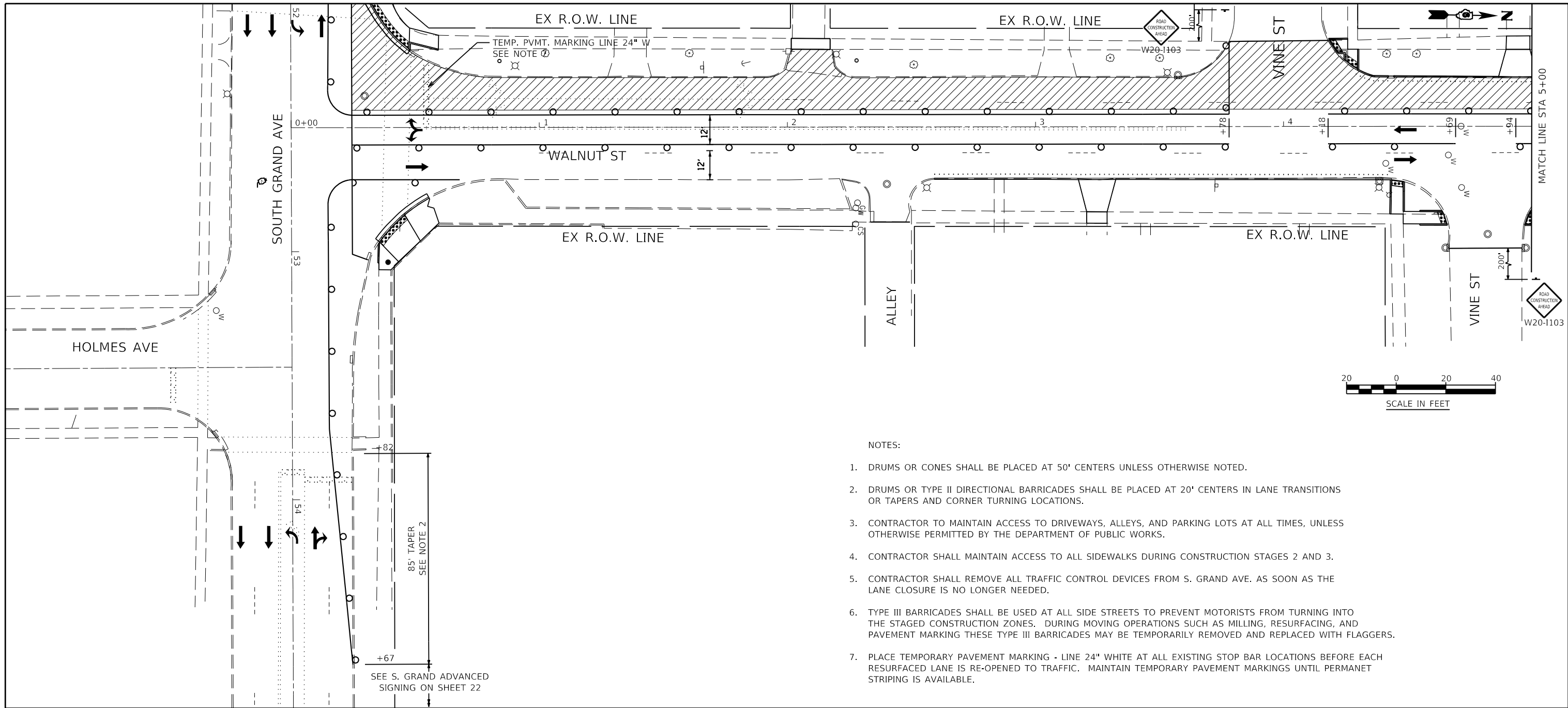
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	CHECKED JSA	REVISED -
PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 2A**

SCALE: AS SHOWN SHEET NO. 9 OF 33 SHEETS STA. 35+00 TO STA. 47+00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	31
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				



NOTES:

1. DRUMS OR CONES SHALL BE PLACED AT 50' CENTERS UNLESS OTHERWISE NOTED.
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5. CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES FROM S. GRAND AVE. AS SOON AS THE LANE CLOSURE IS NO LONGER NEEDED.
6. TYPE III BARRICADES SHALL BE USED AT ALL SIDE STREETS TO PREVENT MOTORISTS FROM TURNING INTO THE STAGED CONSTRUCTION ZONES. DURING MOVING OPERATIONS SUCH AS MILLING, RESURFACING, AND PAVEMENT MARKING THESE TYPE III BARRICADES MAY BE TEMPORARILY REMOVED AND REPLACED WITH FLAGGERS.
7. PLACE TEMPORARY PAVEMENT MARKING - LINE 24" WHITE AT ALL EXISTING STOP BAR LOCATIONS BEFORE EACH RESURFACED LANE IS RE-OPENED TO TRAFFIC. MAINTAIN TEMPORARY PAVEMENT MARKINGS UNTIL PERMANENT STRIPING IS AVAILABLE.

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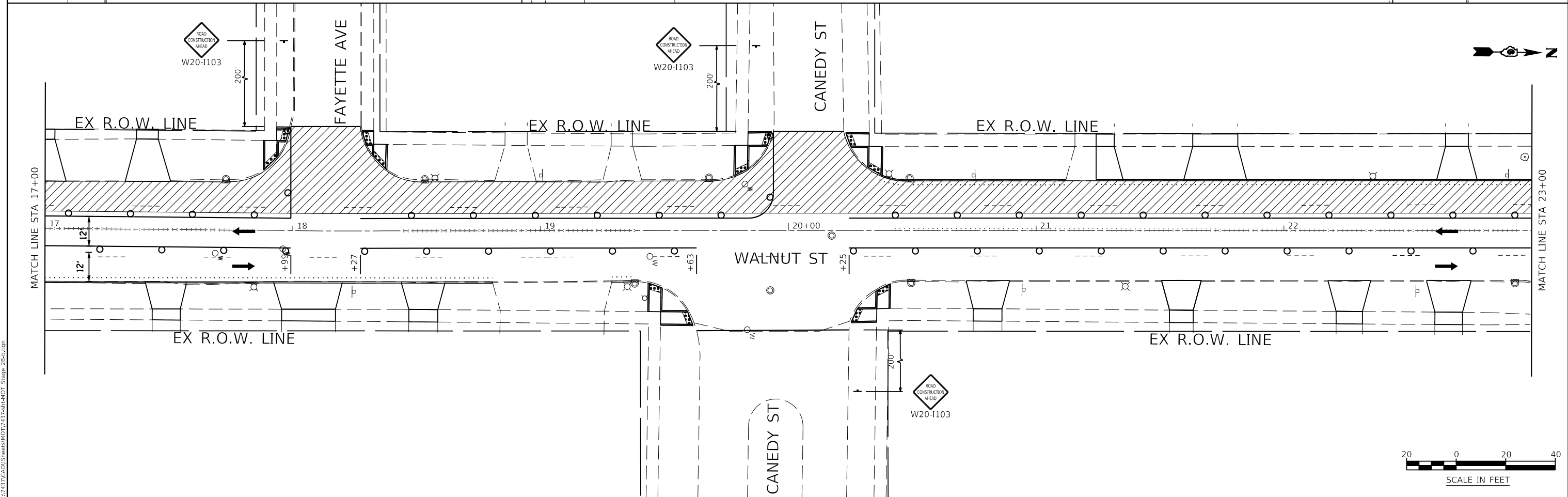
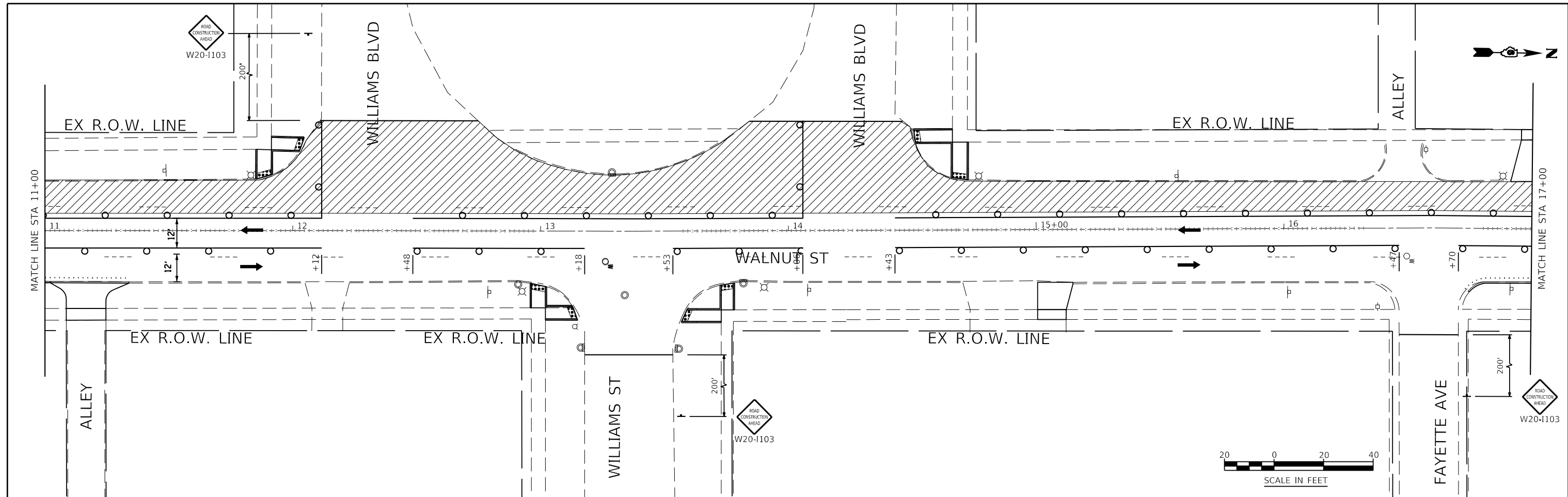
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	CHECKED JSA	REVISED -
PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2B

SCALE: AS SHOWN SHEET NO. 10 OF 33 SHEETS STA. 0+00 TO STA. 11+00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	32
CONTRACT NO. 93749			ILLINOIS FED. AID PROJECT	



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KNIGHT
Engineers & Architects

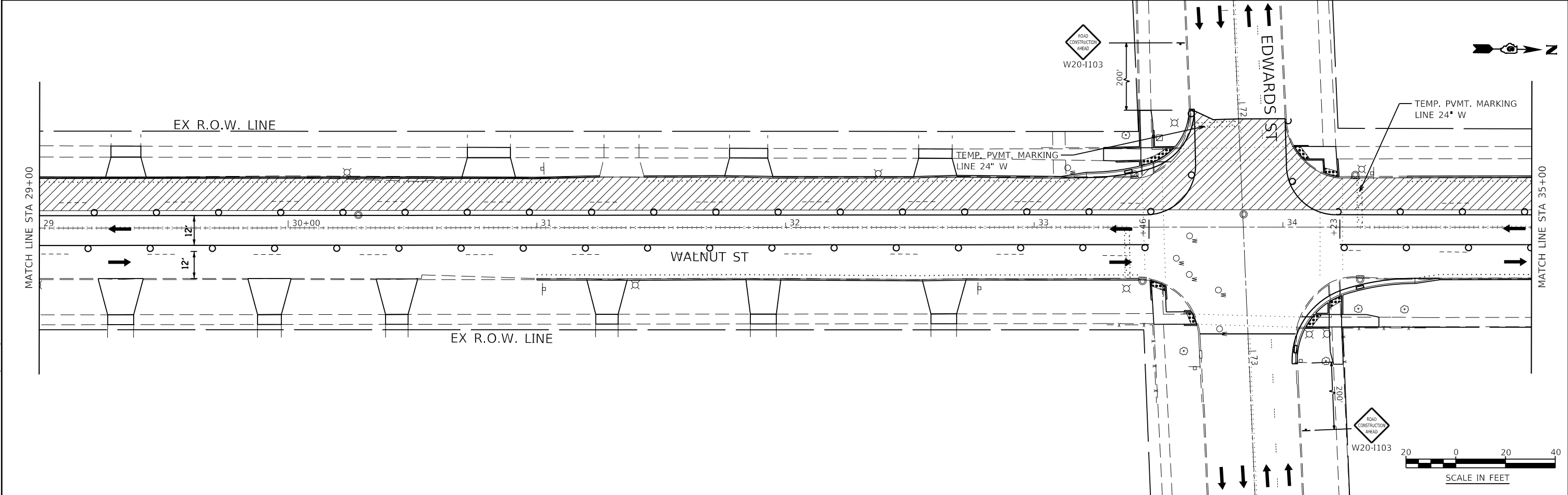
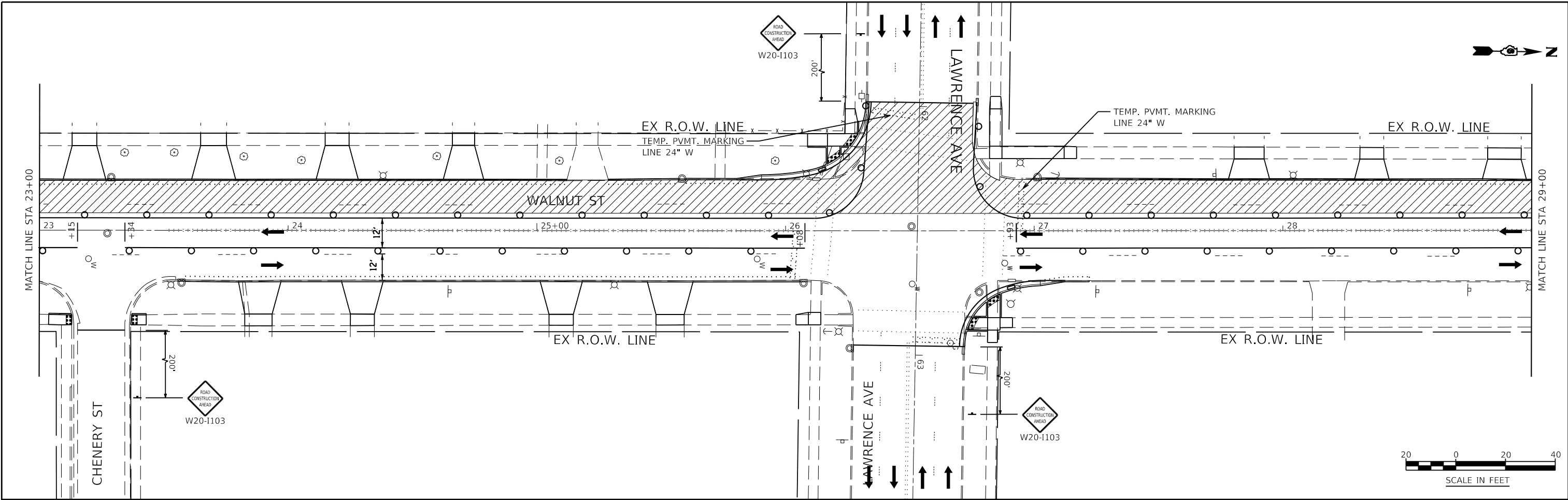
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PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 2B**

SCALE: AS SHOWN SHEET NO. 11 OF 33 SHEETS STA. 11+00 TO STA. 23+00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	33
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				



KNIGHT
Engineers & Architects

USER NAME = Jleaf	DESIGNED KES	REVISED -
	DRAWN KES	REVISED -
	CHECKED JSA	REVISED -
PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

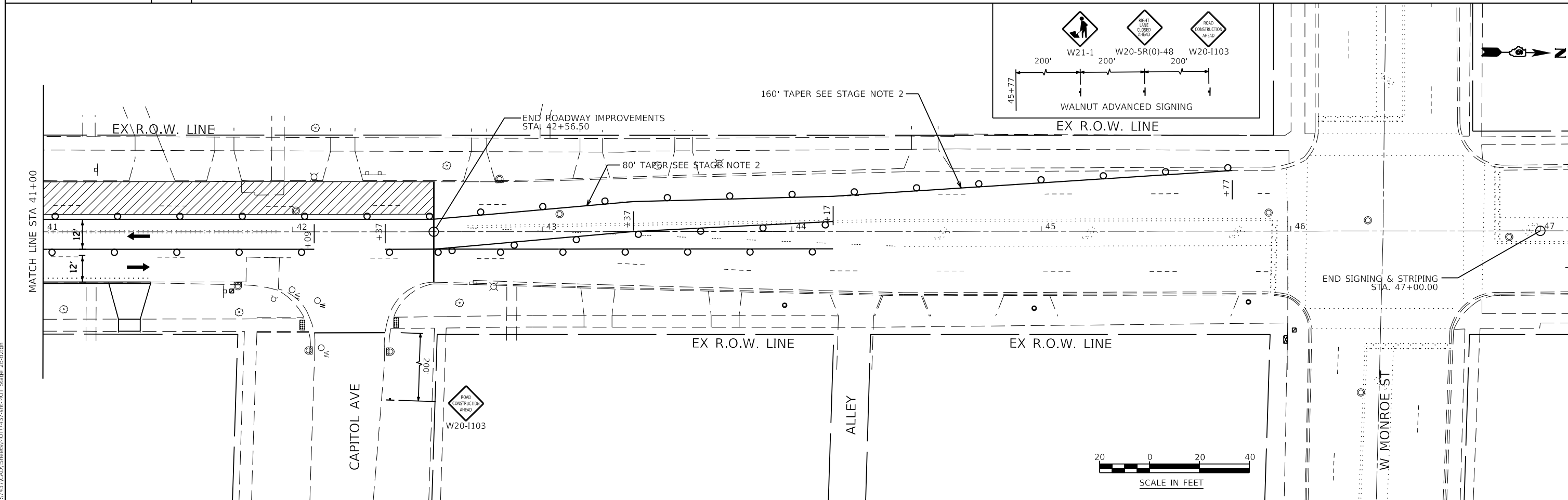
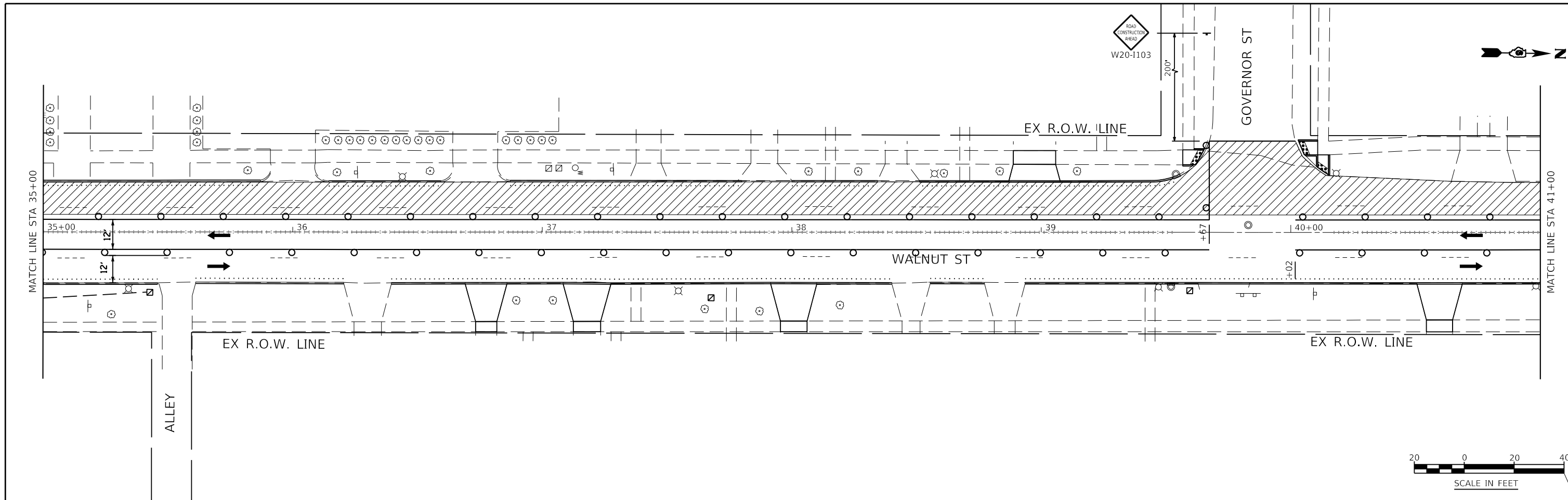
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2B

SCALE: AS SHOWN SHEET NO. 12 OF 33 SHEETS STA. 23+00 TO STA. 35+00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	34
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				

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KNIGHT
Engineers & Architects

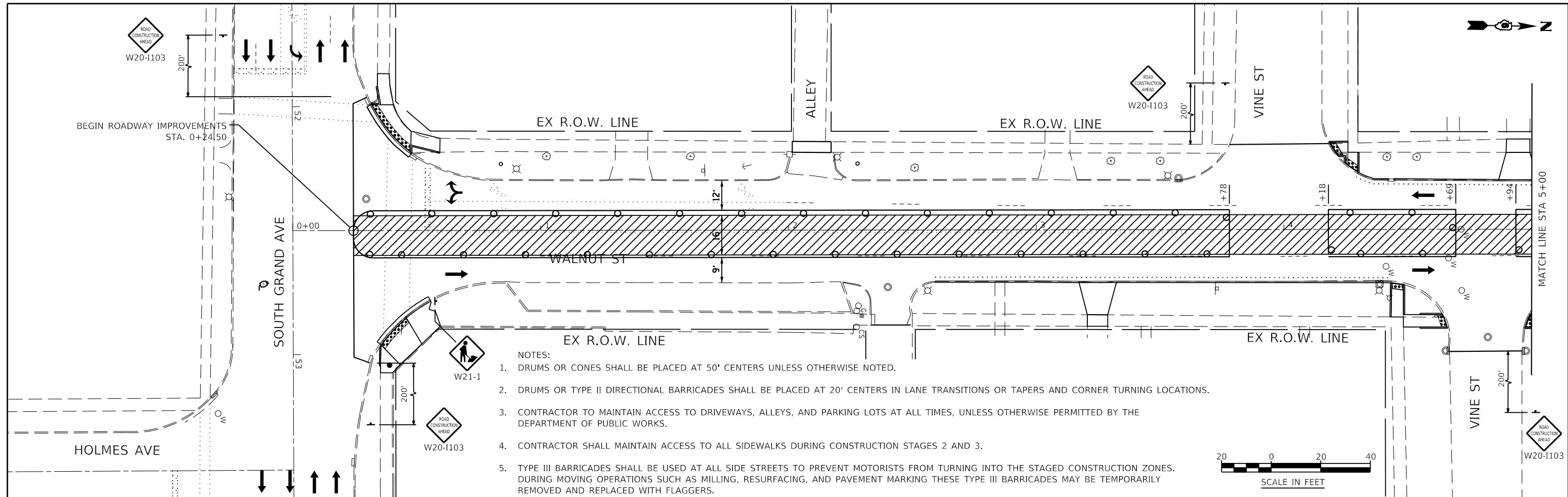
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PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

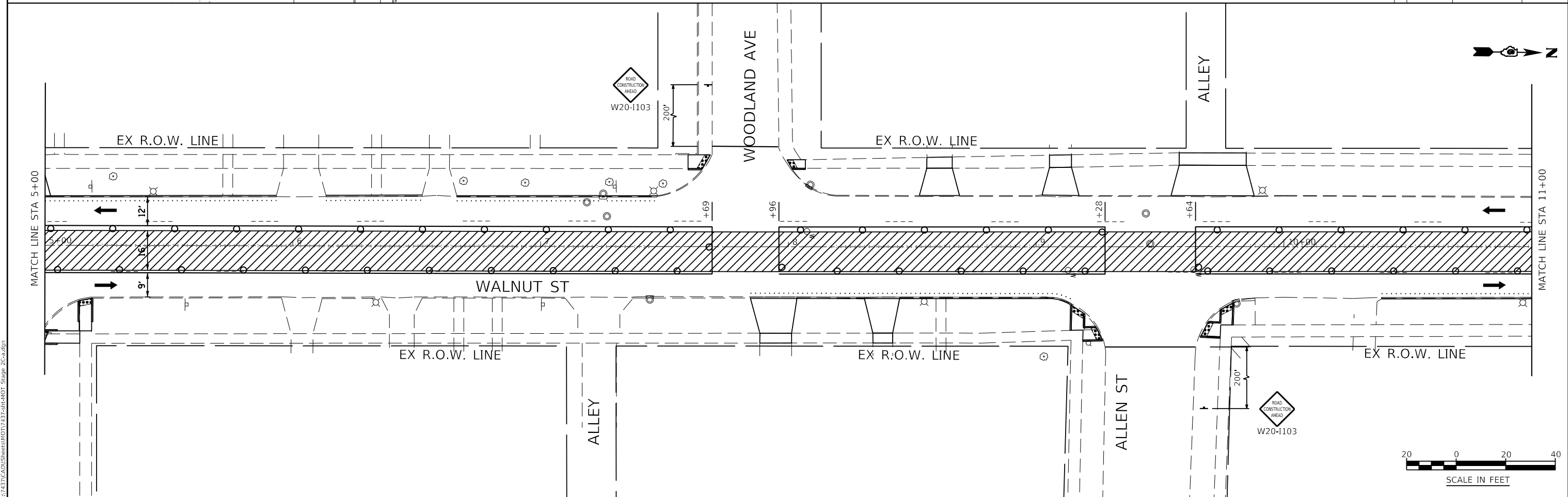
**MAINTENANCE OF TRAFFIC
STAGE 2B**

SCALE: AS SHOWN SHEET NO. 13 OF 33 SHEETS STA. 35+00 TO STA. 47+00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	35
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				

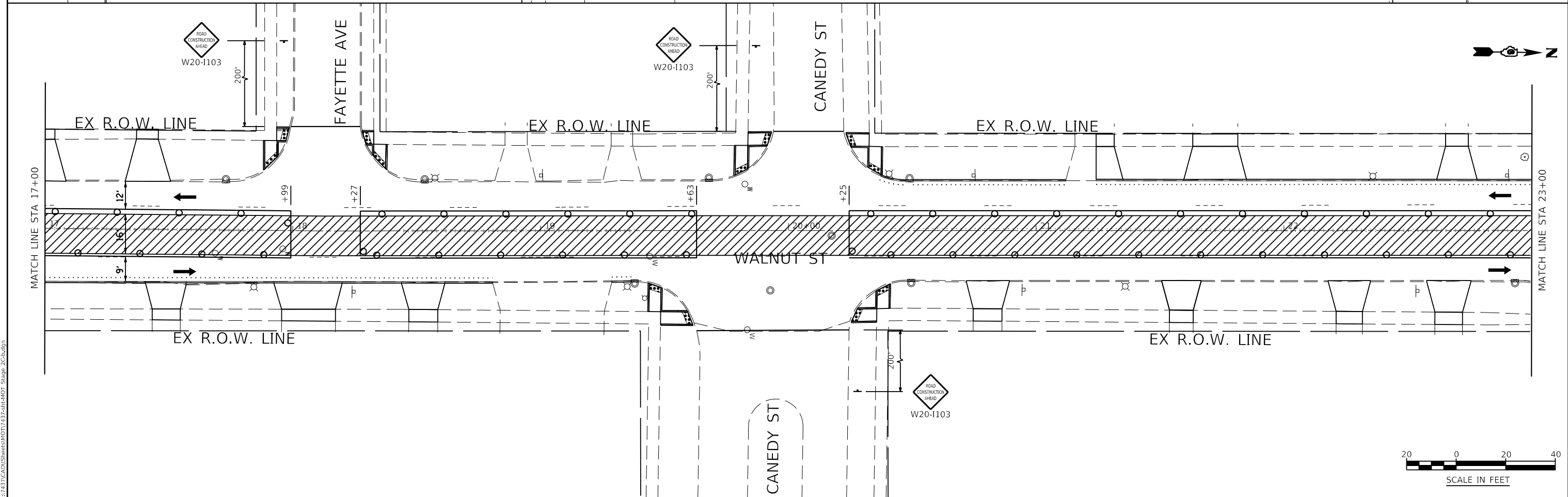
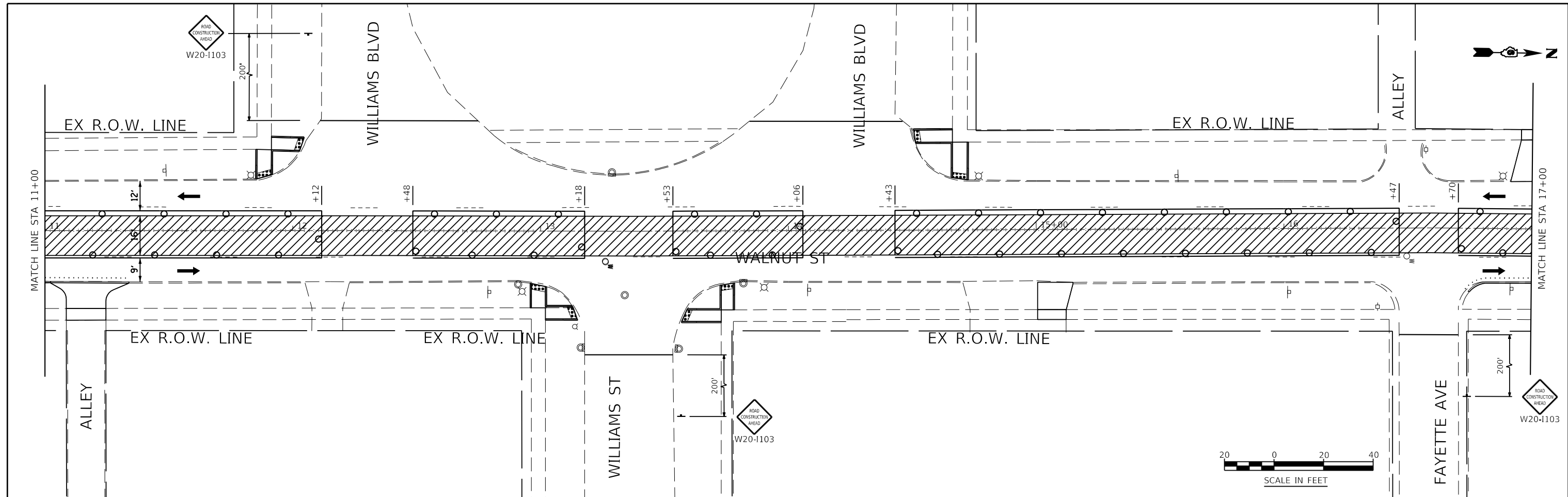


- NOTES:
1. DRUMS OR CONES SHALL BE PLACED AT 50' CENTERS UNLESS OTHERWISE NOTED.
 2. DRUMS OR TYPE II DIRECTIONAL BARRICADES SHALL BE PLACED AT 20' CENTERS IN LANE TRANSITIONS OR TAPERS AND CORNER TURNING LOCATIONS.
 3. CONTRACTOR TO MAINTAIN ACCESS TO DRIVEWAYS, ALLEYS, AND PARKING LOTS AT ALL TIMES, UNLESS OTHERWISE PERMITTED BY THE DEPARTMENT OF PUBLIC WORKS.
 4. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL SIDEWALKS DURING CONSTRUCTION STAGES 2 AND 3.
 5. TYPE III BARRICADES SHALL BE USED AT ALL SIDE STREETS TO PREVENT MOTORISTS FROM TURNING INTO THE STAGED CONSTRUCTION ZONES. DURING MOVING OPERATIONS SUCH AS MILLING, RESURFACING, AND PAVEMENT MARKING THESE TYPE III BARRICADES MAY BE TEMPORARILY REMOVED AND REPLACED WITH FLAGGERS.



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KNIGHT Engineers & Architects	USER NAME = Jleaf	DESIGNED KES	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 2C	F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT DATE = 7/13/2020	CHECKED JSA	REVISED -			8014	17-00484-00-5P	SANGAMON	82	36
	DATE 06/19/2020	REVISED -		SCALE: AS SHOWN SHEET NO. 14 OF 33 SHEETS STA. 0+00 TO STA. 11+00		CONTRACT NO. 93749			ILLINOIS FED. AID PROJECT	



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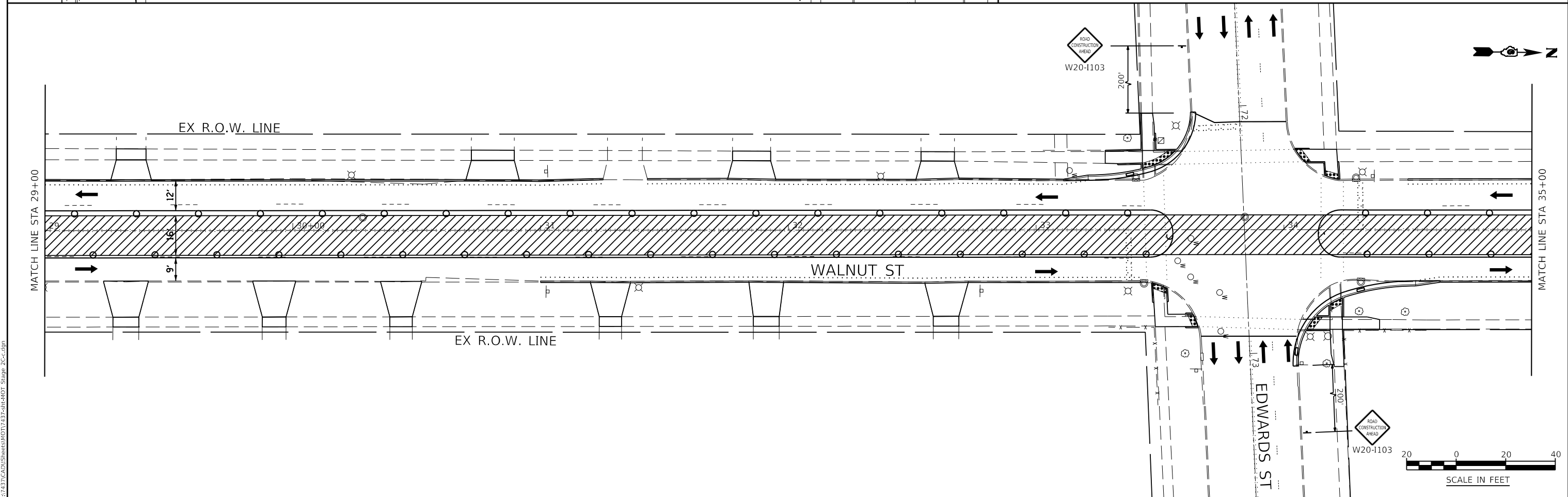
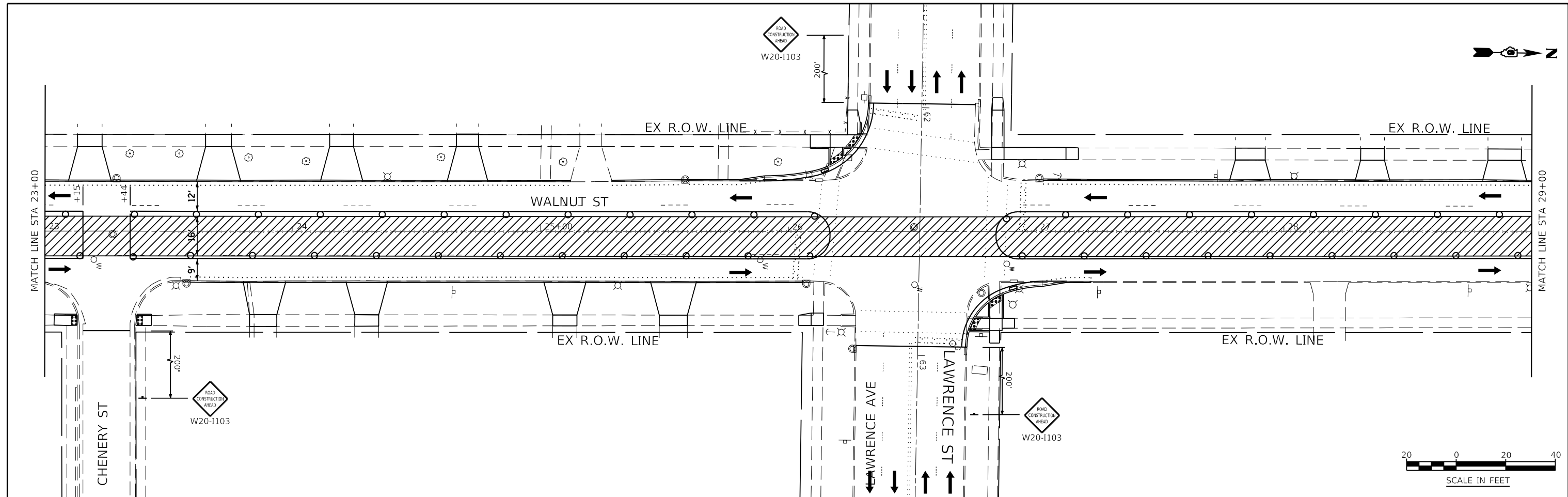
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PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 2C**

SCALE: AS SHOWN SHEET NO. 15 OF 33 SHEETS STA. 11+00 TO STA. 23+00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	37
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				



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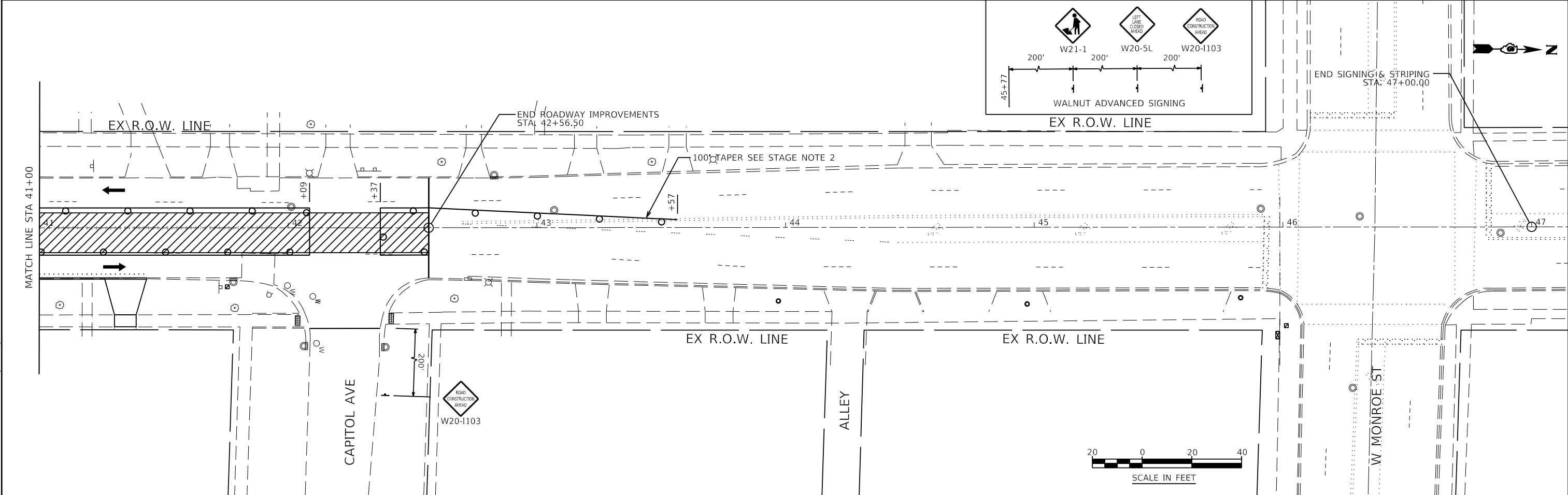
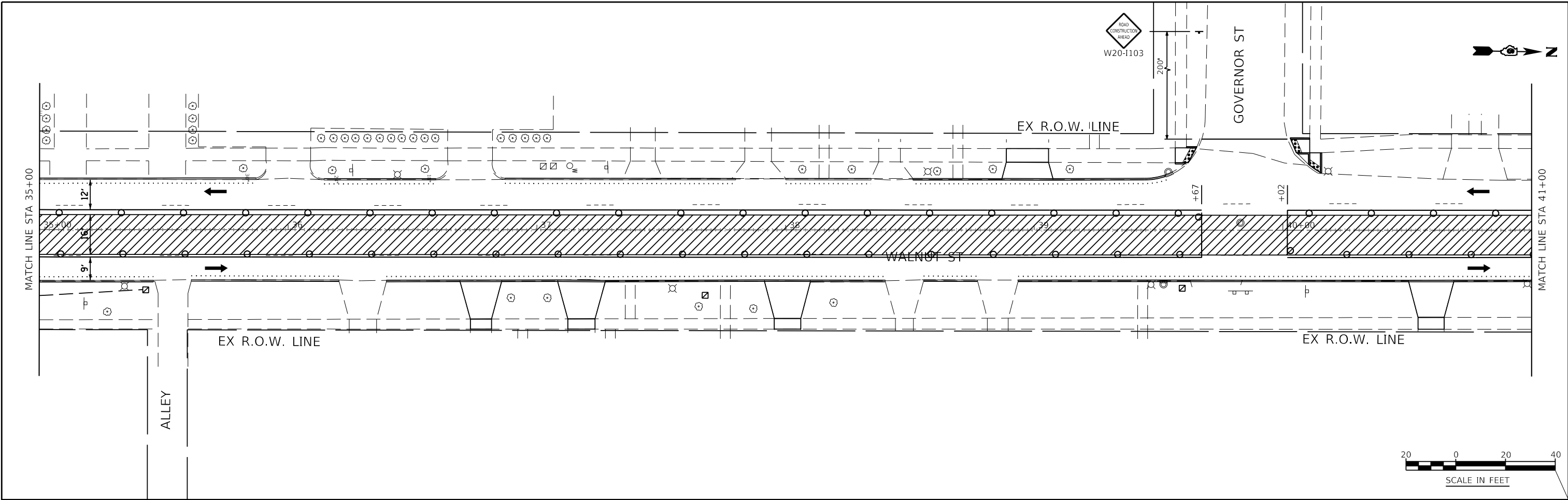
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	PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 2C**

SCALE: AS SHOWN SHEET NO. 16 OF 33 SHEETS STA. 23+00 TO STA. 35+00

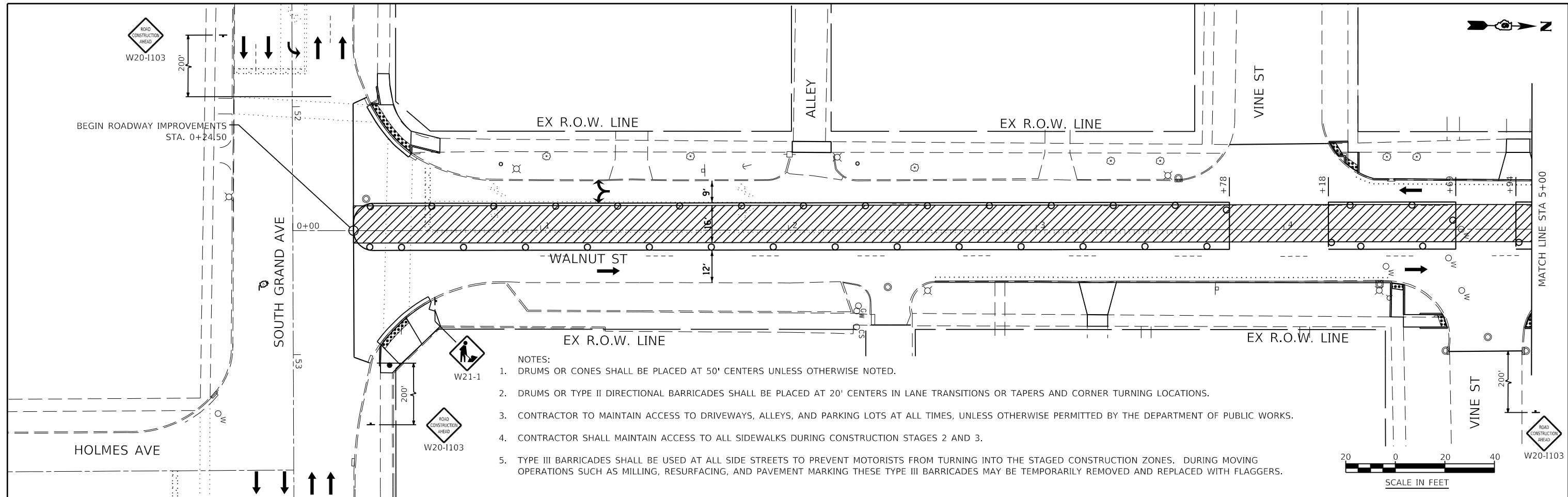
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	38
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				



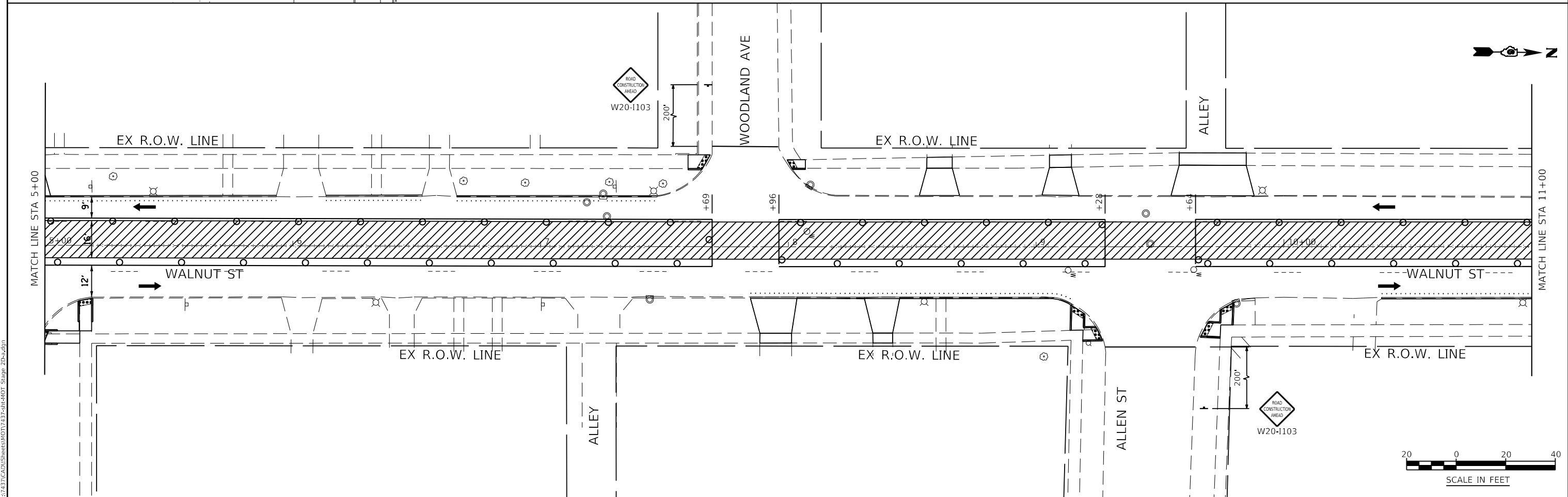
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KNIGHT Engineers & Architects	USER NAME = Jleaf	DESIGNED KES	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 2C	F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT DATE = 7/13/2020	DRAWN KES	REVISED -			8014	17-00484-00-5P	SANGAMON	82	39
	CHECKED JSA	REVISED -	CONTRACT NO. 93749							
	DATE 06/19/2020	REVISED -	ILLINOIS FED. AID PROJECT							

SCALE: AS SHOWN SHEET NO. 17 OF 33 SHEETS STA. 35+00 TO STA. 47+00



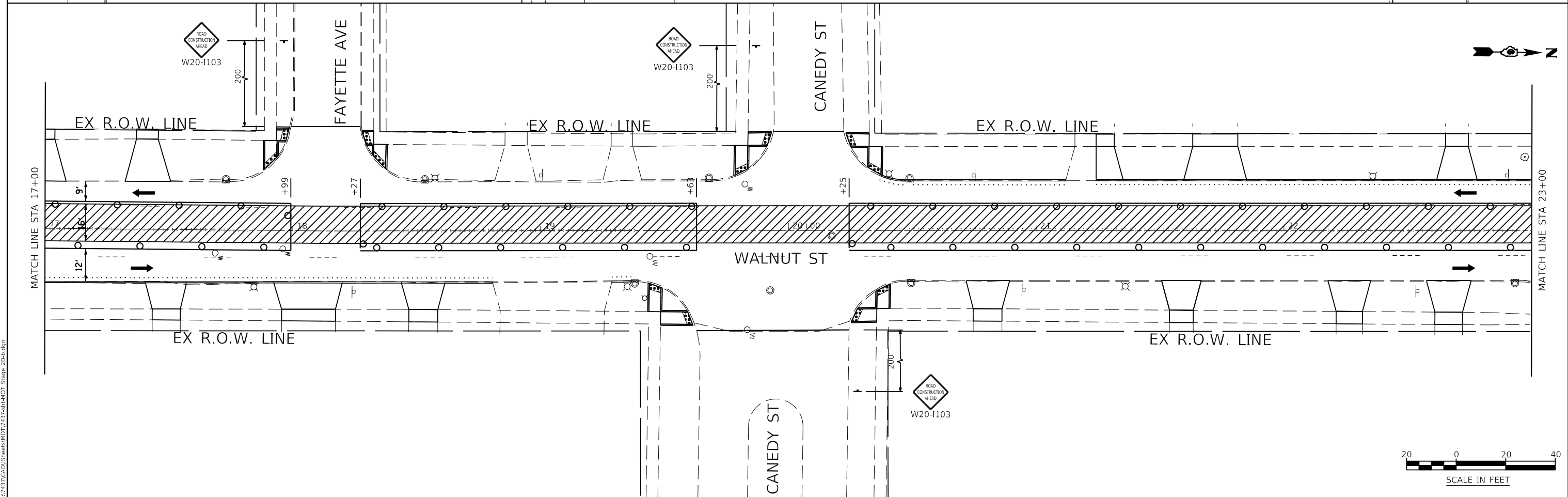
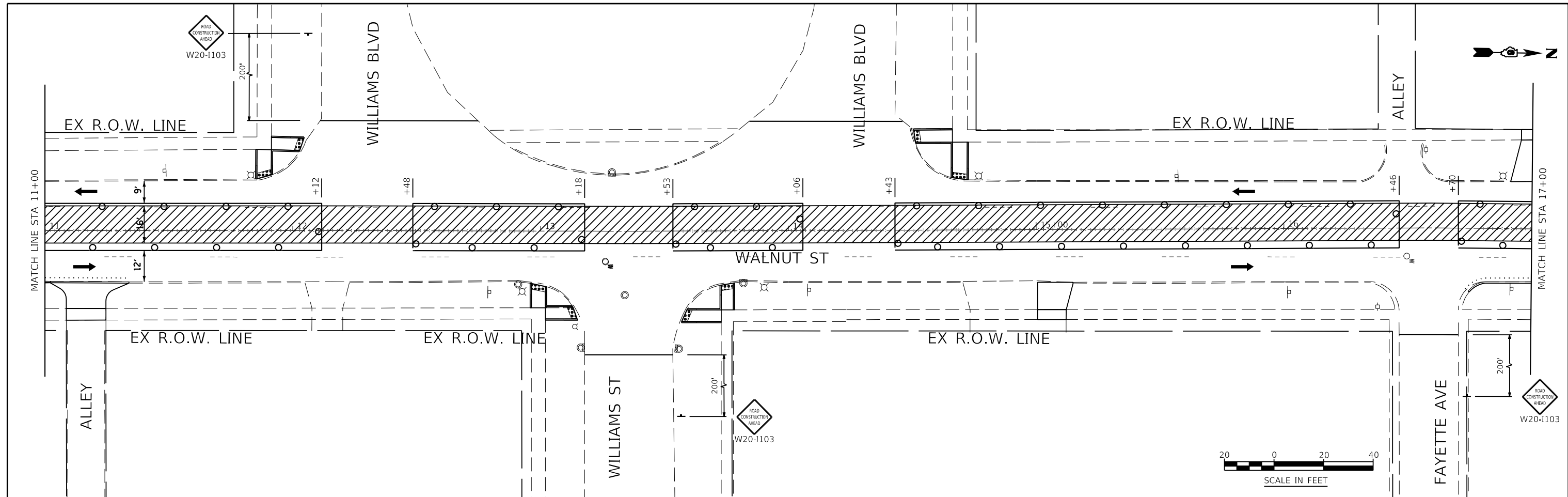
- NOTES:
1. DRUMS OR CONES SHALL BE PLACED AT 50' CENTERS UNLESS OTHERWISE NOTED.
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	PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -			8014	17-00484-00-5P	SANGAMON	82	40	
						CONTRACT NO. 93749					
						ILLINOIS FED. AID PROJECT					

SCALE: AS SHOWN SHEET NO. 18 OF 33 SHEETS STA. 0+00 TO STA. 11+00



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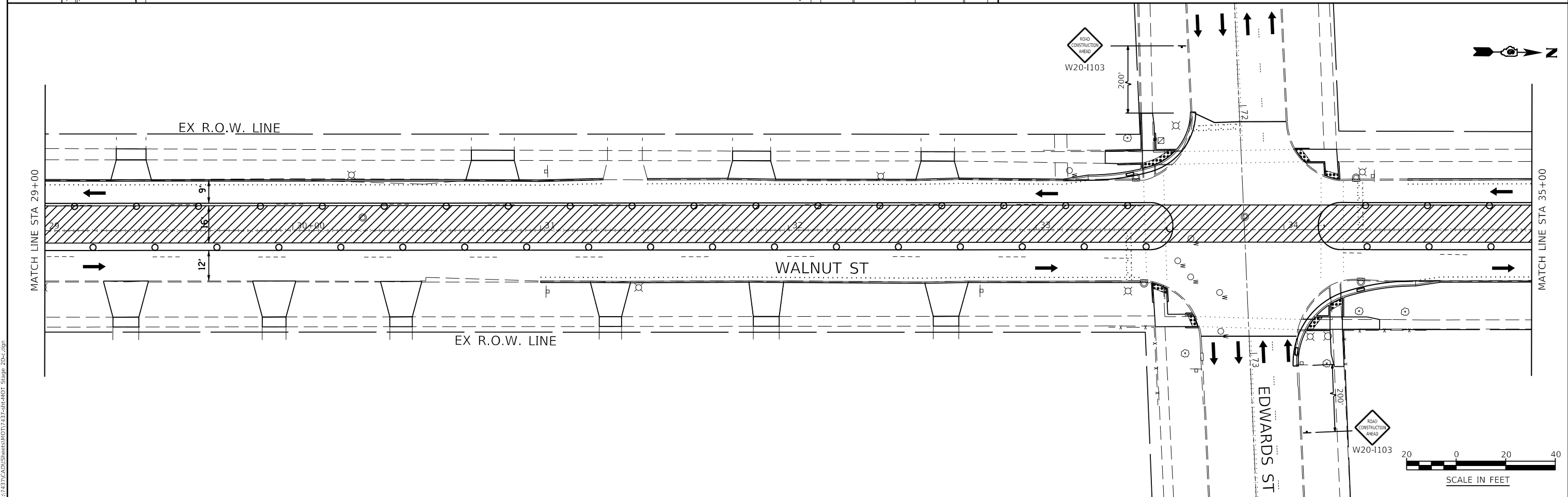
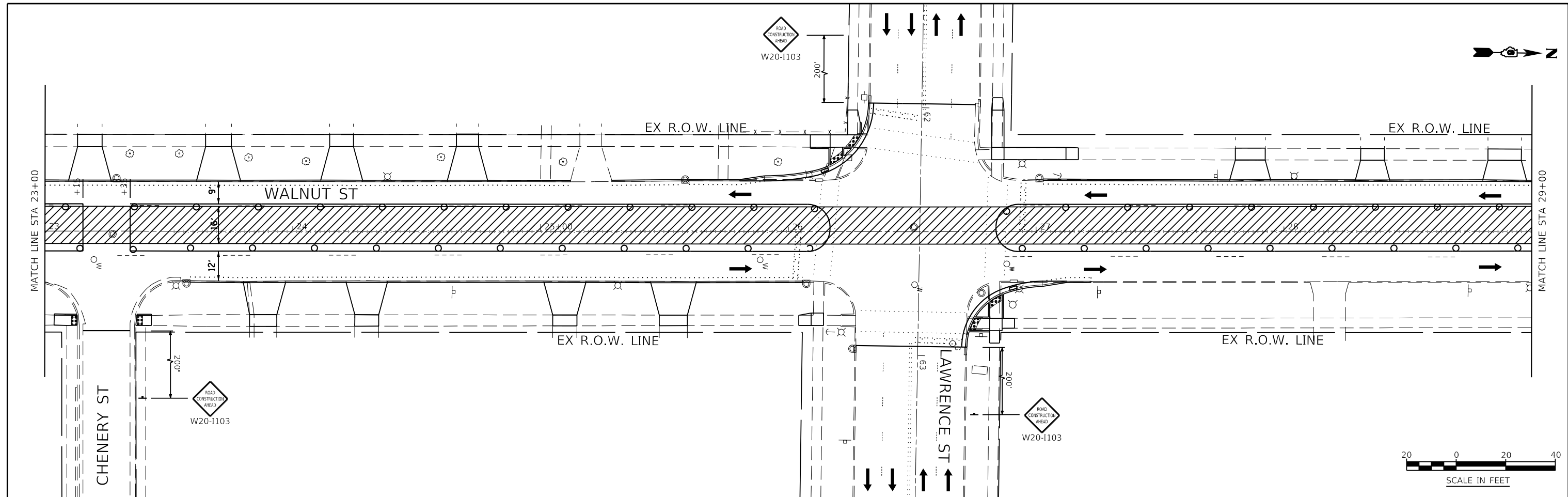
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	PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 2D**

SCALE: AS SHOWN SHEET NO. 19 OF 33 SHEETS STA. 11+00 TO STA. 23+00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	41
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				



USER NAME = Jleaf	DESIGNED KES	REVISED -
	DRAWN KES	REVISED -
	CHECKED JSA	REVISED -
PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

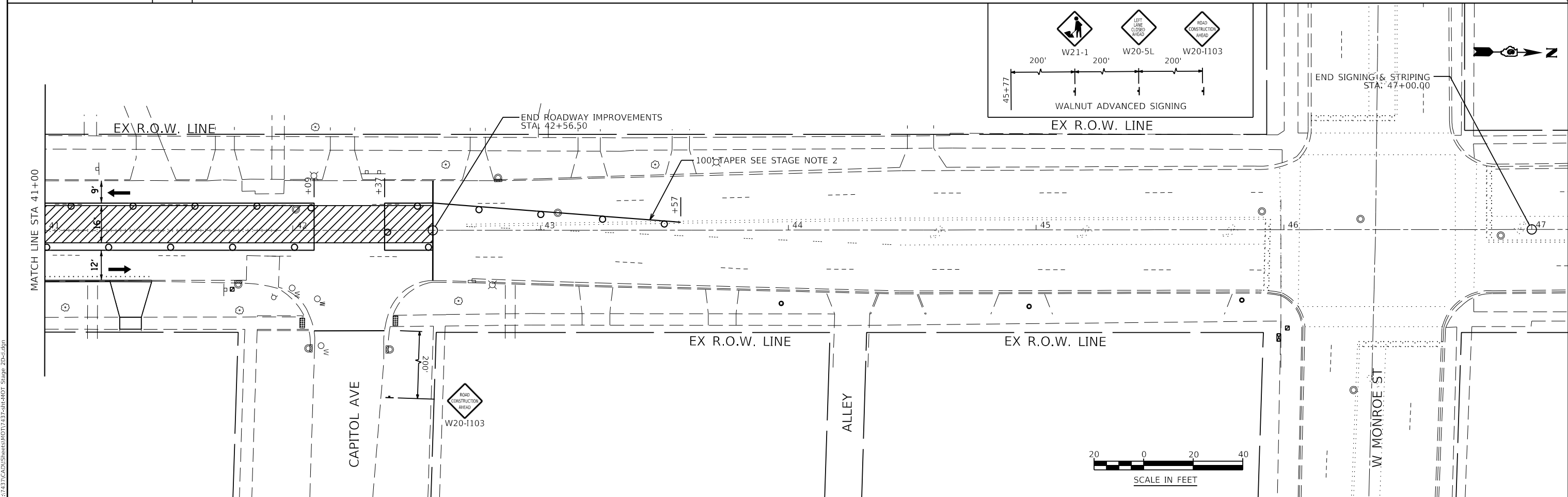
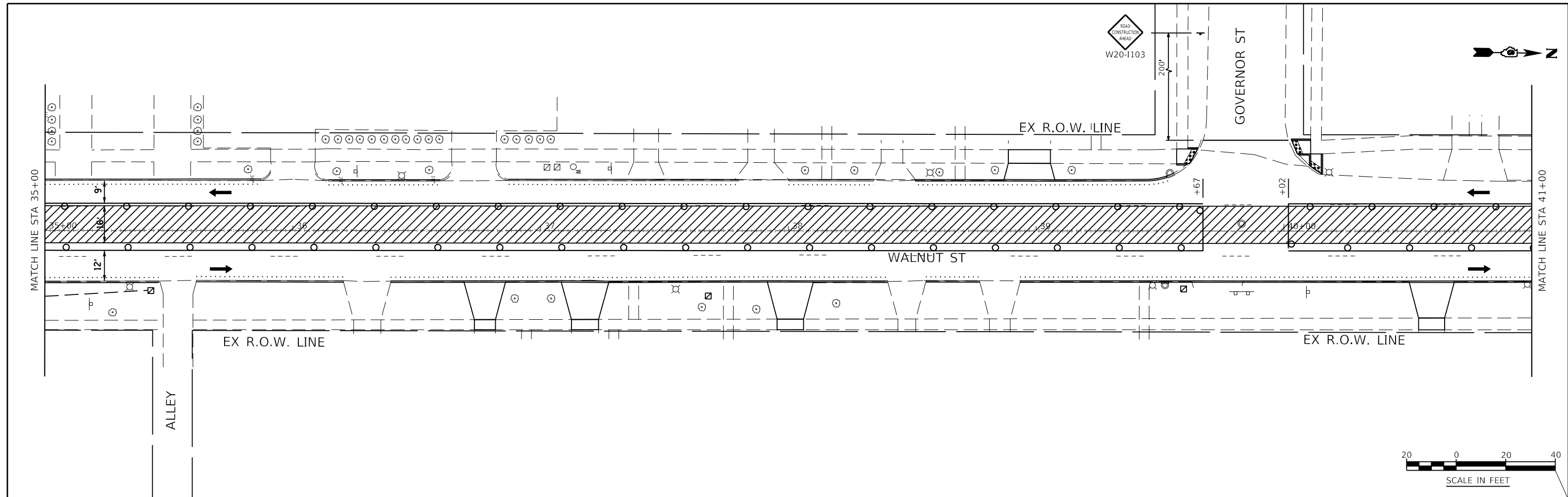
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 2D**

SCALE: AS SHOWN SHEET NO. 20 OF 33 SHEETS STA. 23+00 TO STA. 35+00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	42
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				

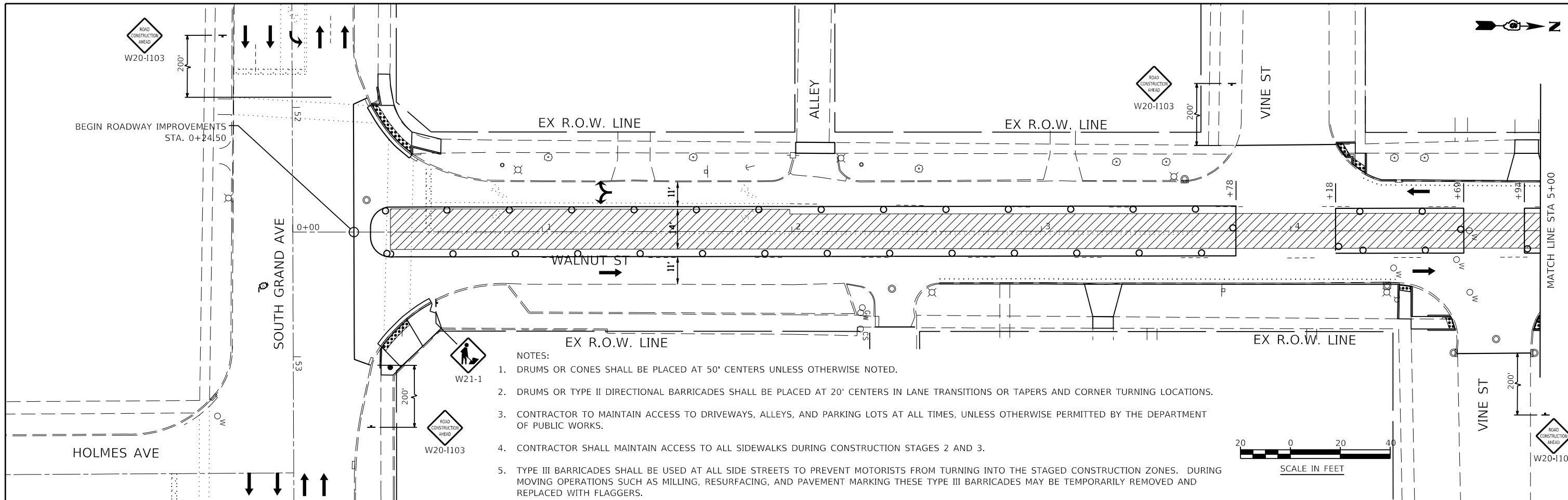
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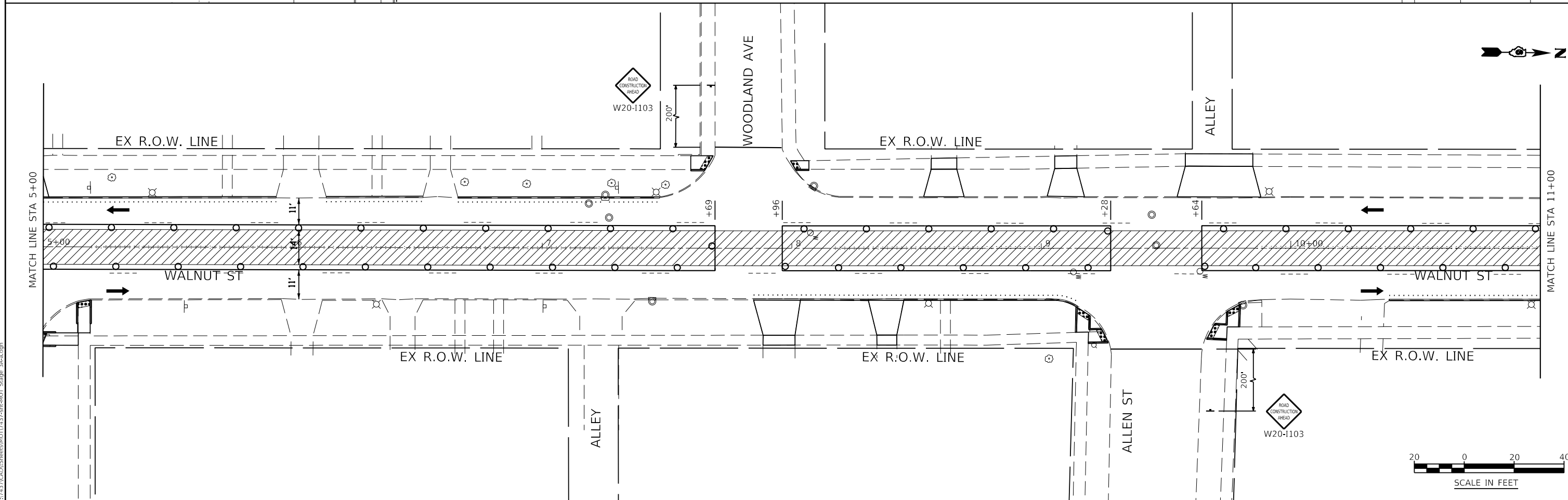
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KNIGHT Engineers & Architects	USER NAME = Jleaf	DESIGNED KES	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 2D	F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT DATE = 7/13/2020	DRAWN KES	REVISED -			8014	17-00484-00-5P	SANGAMON	82	43	
	CHECKED JSA	REVISED -	CONTRACT NO. 93749								
	DATE 06/19/2020	REVISED -	ILLINOIS FED. AID PROJECT								

SCALE: AS SHOWN SHEET NO. 21 OF 33 SHEETS STA. 35+00 TO STA. 47+00



- NOTES:
1. DRUMS OR CONES SHALL BE PLACED AT 50' CENTERS UNLESS OTHERWISE NOTED.
 2. DRUMS OR TYPE II DIRECTIONAL BARRICADES SHALL BE PLACED AT 20' CENTERS IN LANE TRANSITIONS OR TAPERS AND CORNER TURNING LOCATIONS.
 3. CONTRACTOR TO MAINTAIN ACCESS TO DRIVEWAYS, ALLEYS, AND PARKING LOTS AT ALL TIMES, UNLESS OTHERWISE PERMITTED BY THE DEPARTMENT OF PUBLIC WORKS.
 4. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL SIDEWALKS DURING CONSTRUCTION STAGES 2 AND 3.
 5. TYPE III BARRICADES SHALL BE USED AT ALL SIDE STREETS TO PREVENT MOTORISTS FROM TURNING INTO THE STAGED CONSTRUCTION ZONES. DURING MOVING OPERATIONS SUCH AS MILLING, RESURFACING, AND PAVEMENT MARKING THESE TYPE III BARRICADES MAY BE TEMPORARILY REMOVED AND REPLACED WITH FLAGGERS.



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USER NAME = Jleaf	DESIGNED KES	REVISED -
	DRAWN KES	REVISED -
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PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

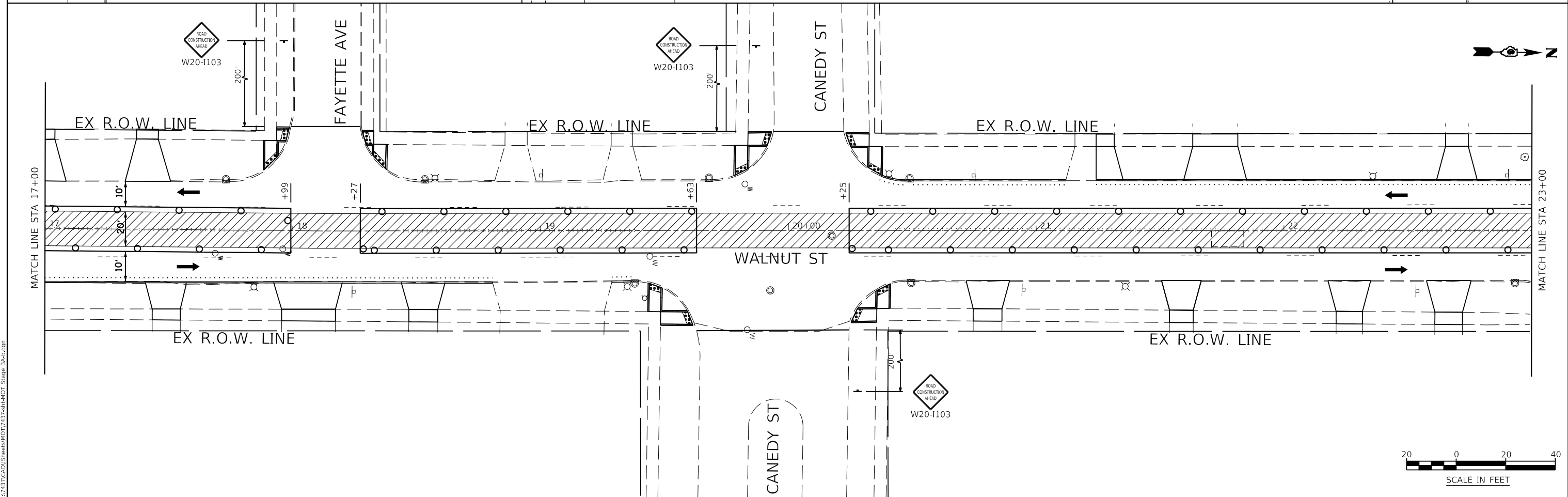
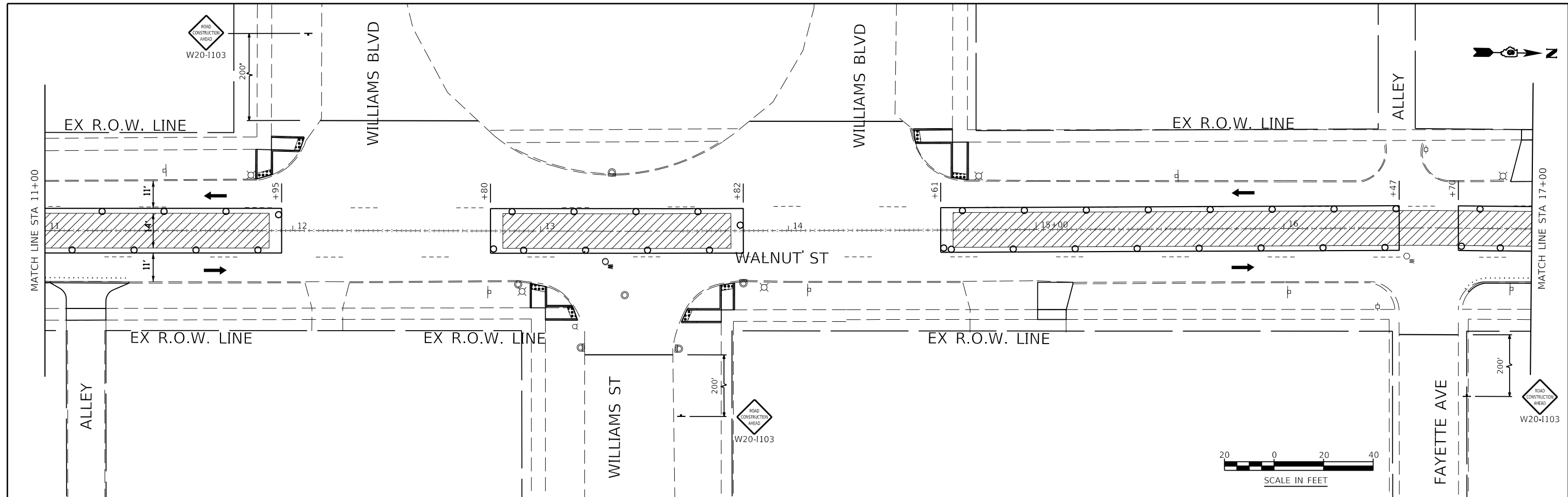
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 3A**

SCALE: AS SHOWN SHEET NO. 22 OF 33 SHEETS STA. 0+00 TO STA. 11+00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	44
CONTRACT NO. 93749				

ILLINOIS FED. AID PROJECT



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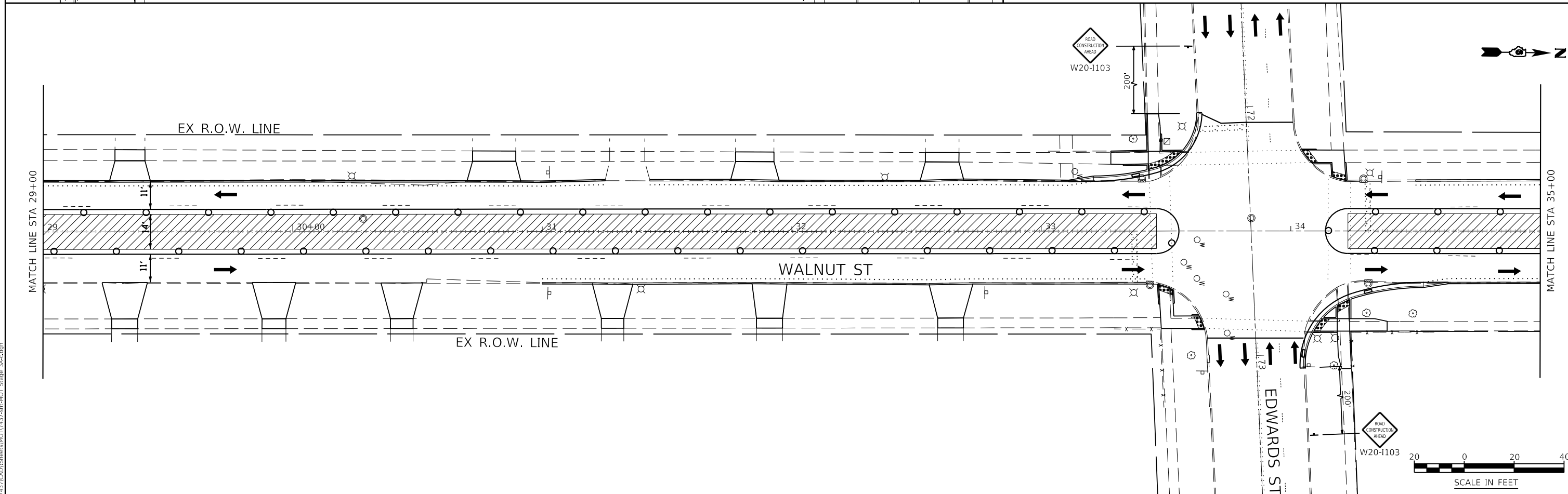
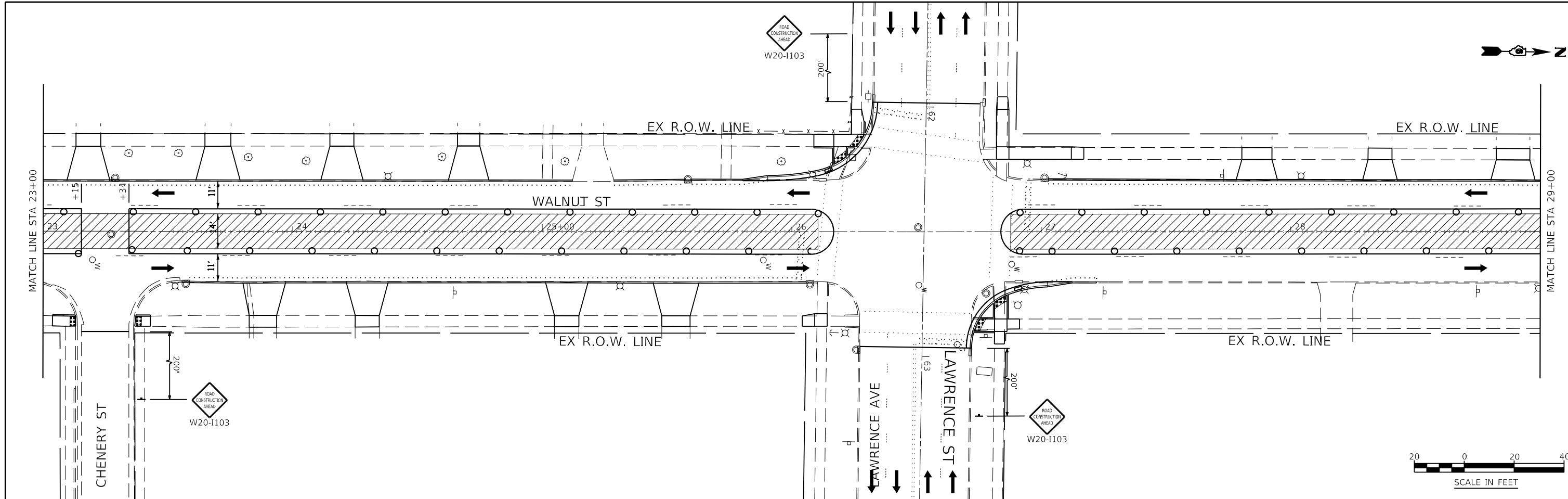
USER NAME = Jleaf	DESIGNED KES	REVISED -
	DRAWN KES	REVISED -
	CHECKED JSA	REVISED -
PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 3A**

SCALE: AS SHOWN SHEET NO. 23 OF 33 SHEETS STA. 11+00 TO STA. 23+00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	45
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				



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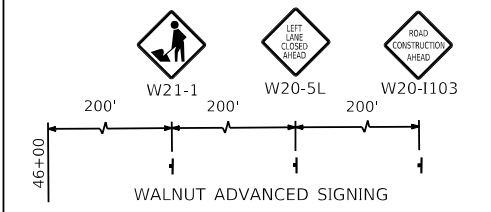
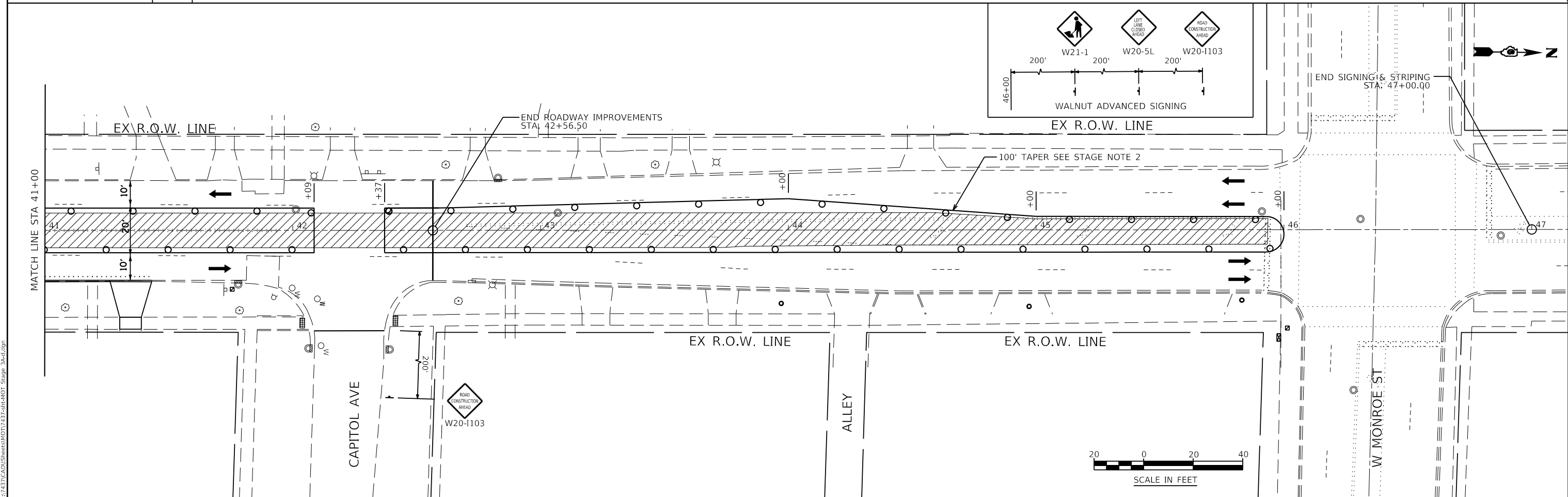
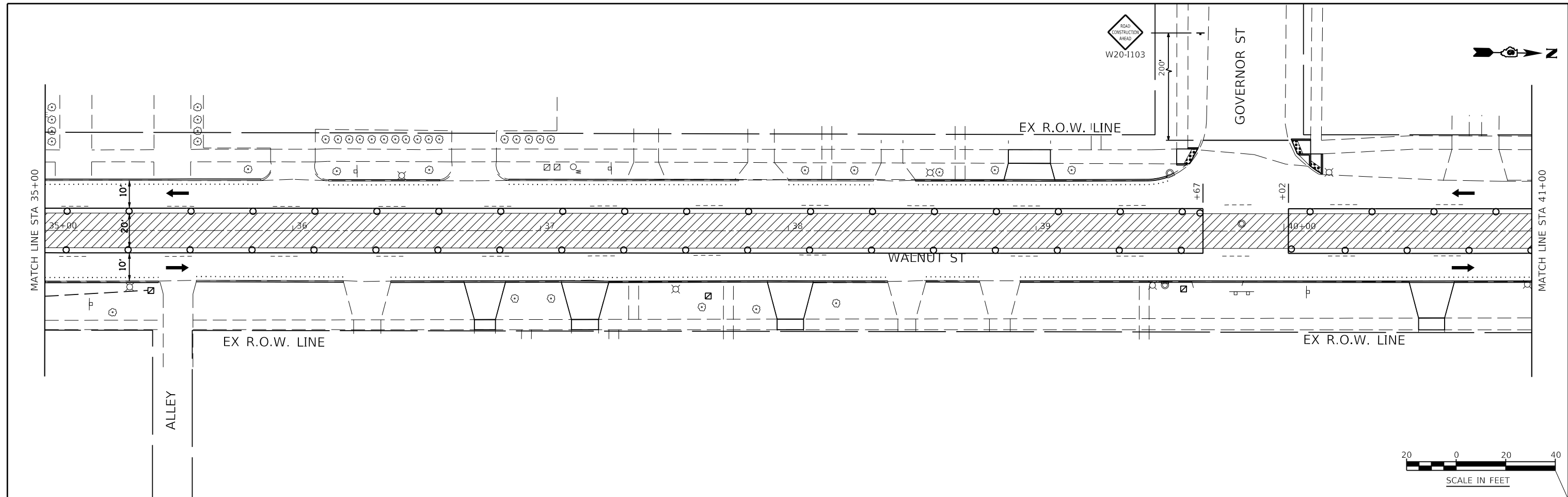
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	DRAWN KES	REVISED -
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PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

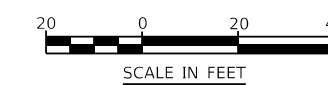
**MAINTENANCE OF TRAFFIC
STAGE 3A**

SCALE: AS SHOWN SHEET NO. 24 OF 33 SHEETS STA. 23+00 TO STA. 35+00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	46
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				



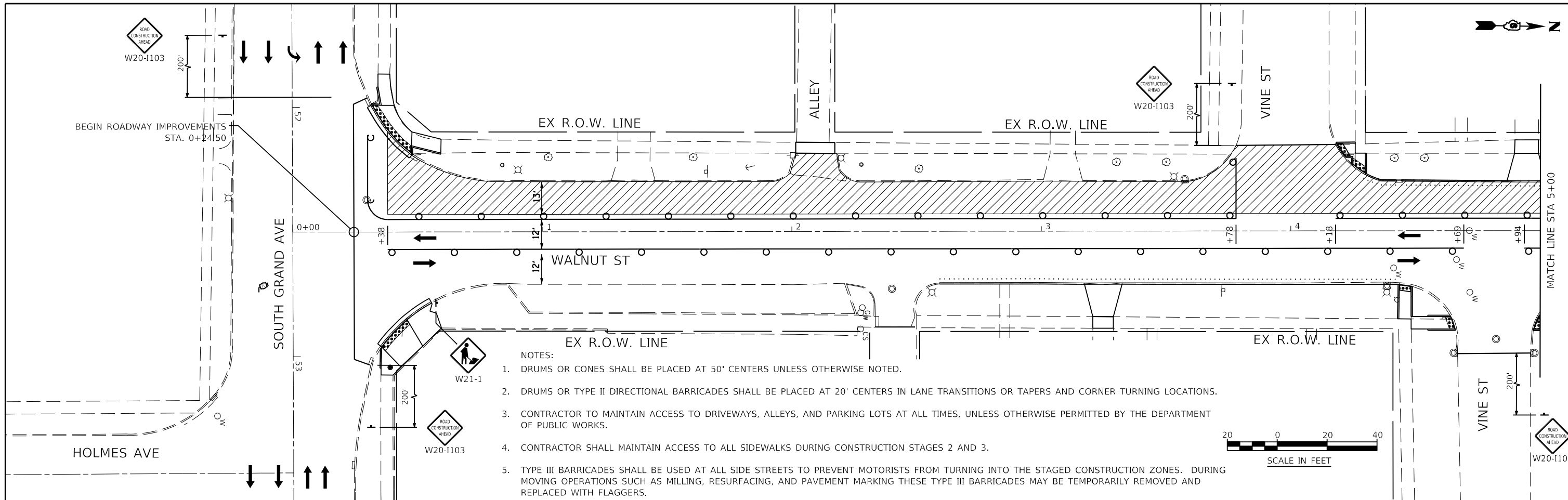
END SIGNING & STRIPING STA: 47+00.00



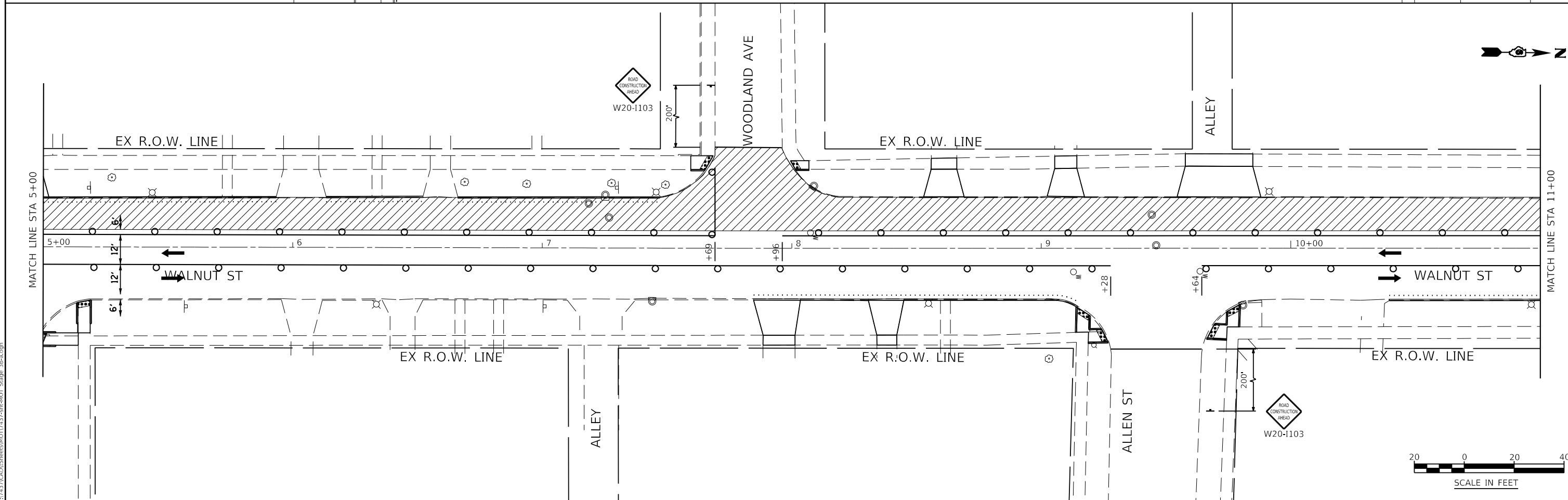
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KNIGHT Engineers & Architects	USER NAME = Jleaf	DESIGNED KES	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 3A	F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT DATE = 7/13/2020	DRAWN KES	REVISED -			8014	17-00484-00-5P	SANGAMON	82	47	
	CHECKED JSA	REVISED -	CONTRACT NO. 93749								
	DATE 06/19/2020	REVISED -	ILLINOIS FED. AID PROJECT								

SCALE: AS SHOWN SHEET NO. 25 OF 33 SHEETS STA. 35+00 TO STA. 47+00

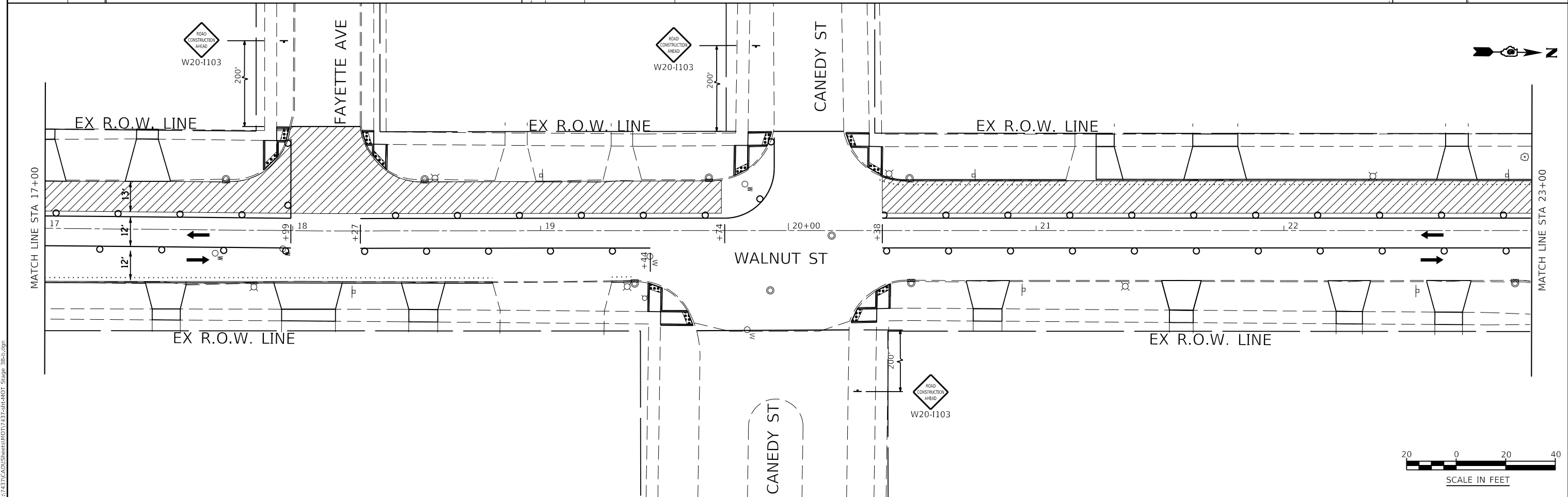
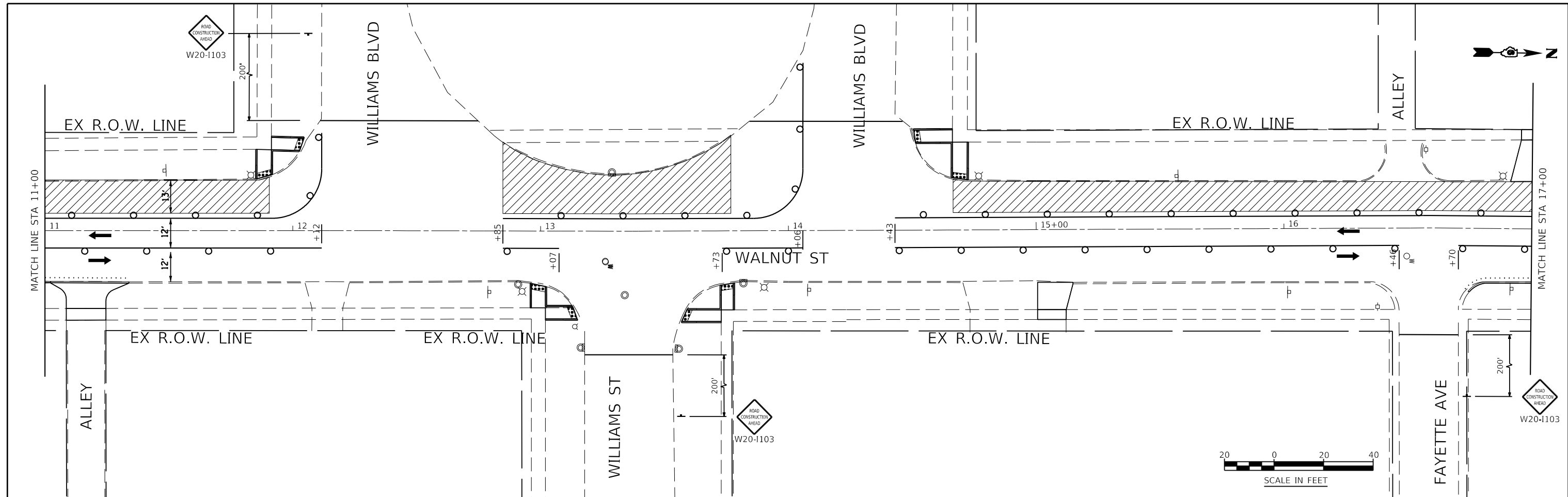


- NOTES:
1. DRUMS OR CONES SHALL BE PLACED AT 50' CENTERS UNLESS OTHERWISE NOTED.
 2. DRUMS OR TYPE II DIRECTIONAL BARRICADES SHALL BE PLACED AT 20' CENTERS IN LANE TRANSITIONS OR TAPERS AND CORNER TURNING LOCATIONS.
 3. CONTRACTOR TO MAINTAIN ACCESS TO DRIVEWAYS, ALLEYS, AND PARKING LOTS AT ALL TIMES, UNLESS OTHERWISE PERMITTED BY THE DEPARTMENT OF PUBLIC WORKS.
 4. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL SIDEWALKS DURING CONSTRUCTION STAGES 2 AND 3.
 5. TYPE III BARRICADES SHALL BE USED AT ALL SIDE STREETS TO PREVENT MOTORISTS FROM TURNING INTO THE STAGED CONSTRUCTION ZONES. DURING MOVING OPERATIONS SUCH AS MILLING, RESURFACING, AND PAVEMENT MARKING THESE TYPE III BARRICADES MAY BE TEMPORARILY REMOVED AND REPLACED WITH FLAGGERS.



FILE NAME = Z:\17437CAD\ENR\ENR\MOT\17437-817401 Stage 3B.dgn

	USER NAME = Jleaf	DESIGNED KES	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 3B	F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT DATE = 7/13/2020	DRAWN KES	REVISED -			8014	17-00484-00-5P	SANGAMON	82	48	
	CHECKED JSA	REVISED -				CONTRACT NO. 93749					
	DATE 06/19/2020	REVISED -				ILLINOIS FED. AID PROJECT					



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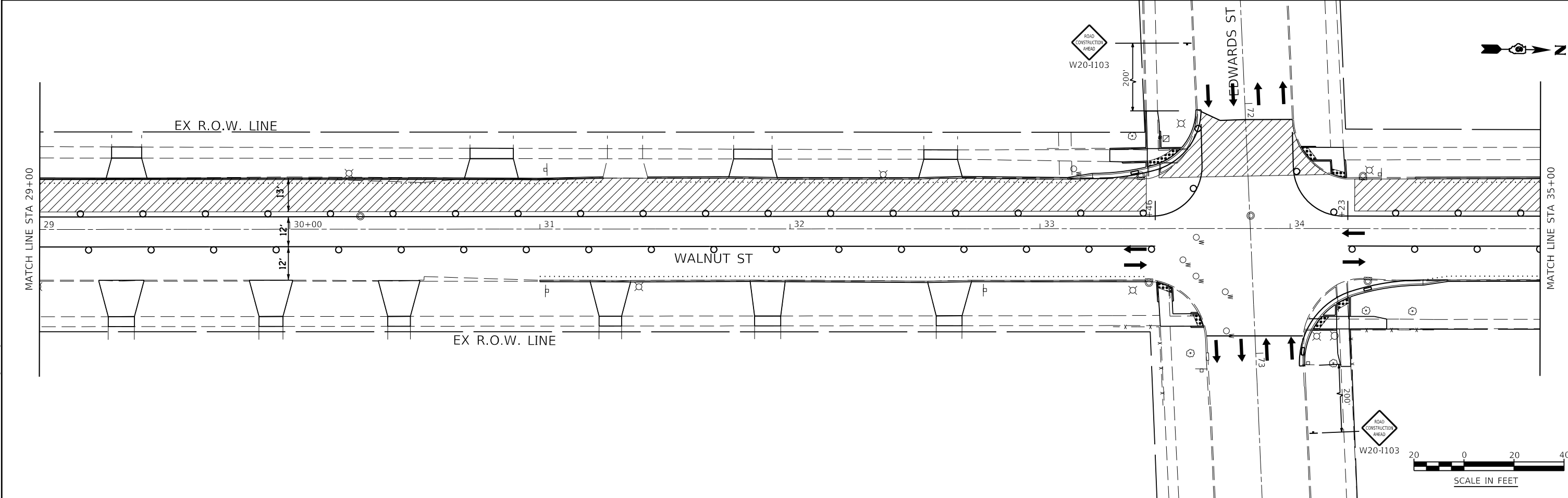
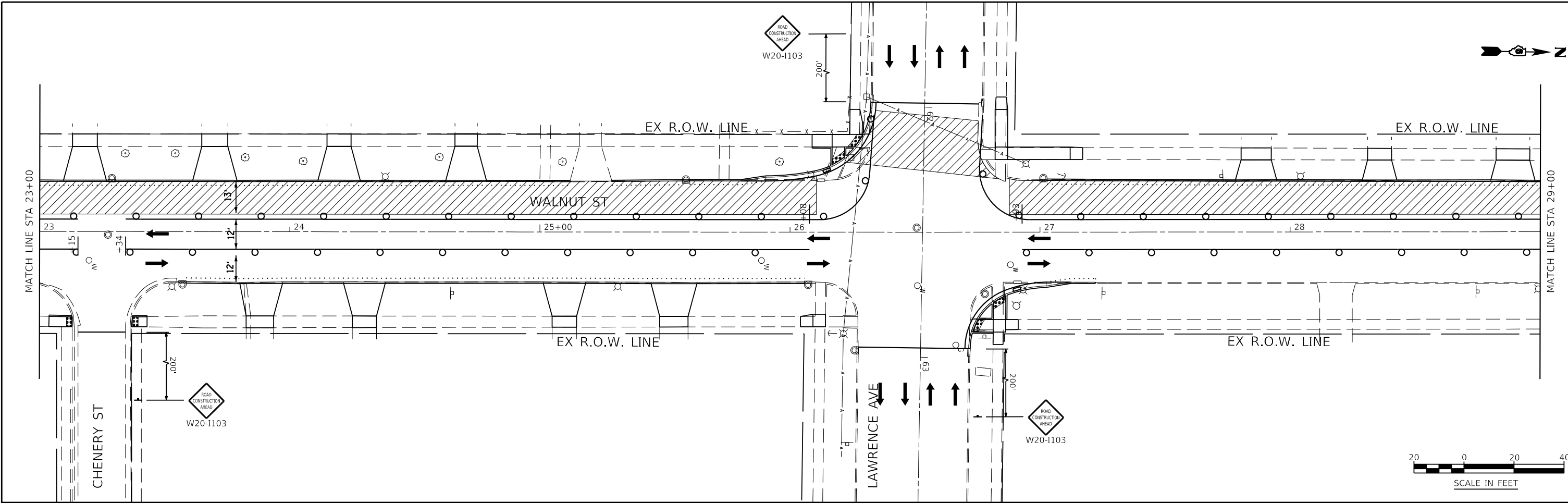
KNIGHT Engineers & Architects	USER NAME = Jleaf	DESIGNED KES	REVISED -
		DRAWN KES	REVISED -
		CHECKED JSA	REVISED -
	PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 3B**

SCALE: AS SHOWN SHEET NO. 27 OF 33 SHEETS STA. 11+00 TO STA. 23+00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	49
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				



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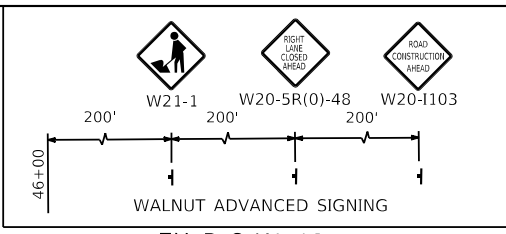
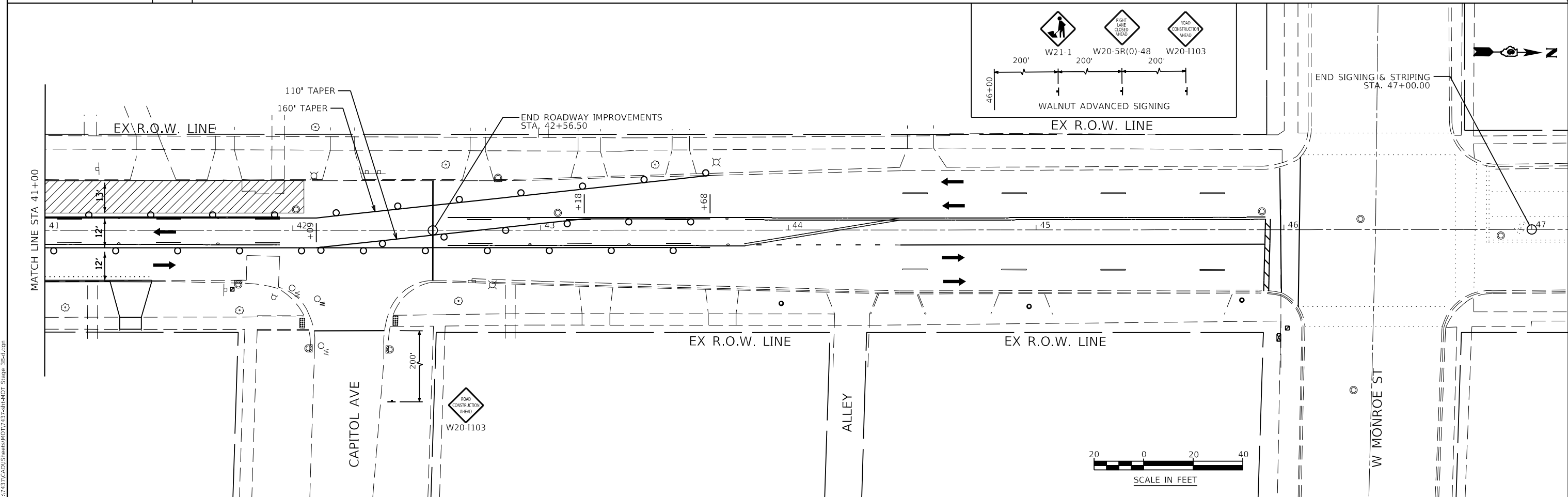
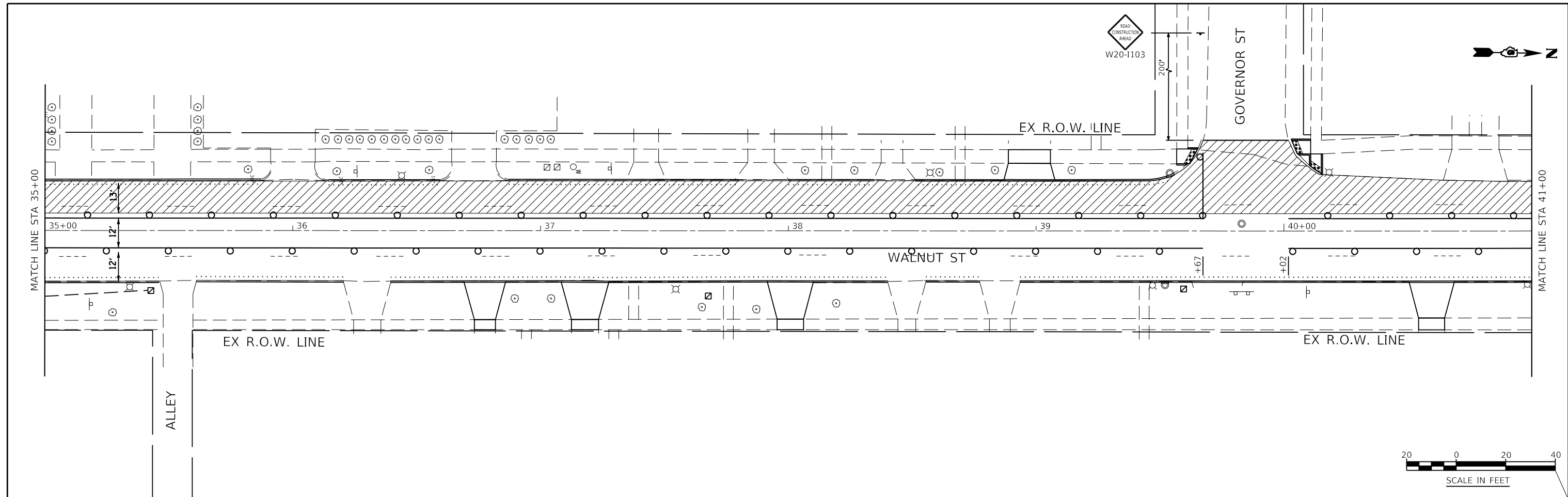
USER NAME = Jleaf	DESIGNED KES	REVISED -
	DRAWN KES	REVISED -
	CHECKED JSA	REVISED -
PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 3B**

SCALE: AS SHOWN SHEET NO. 28 OF 33 SHEETS STA. 23+00 TO STA. 35+00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	50
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				



END SIGNING & STRIPING
STA. 47+00.00



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Engineers & Architects

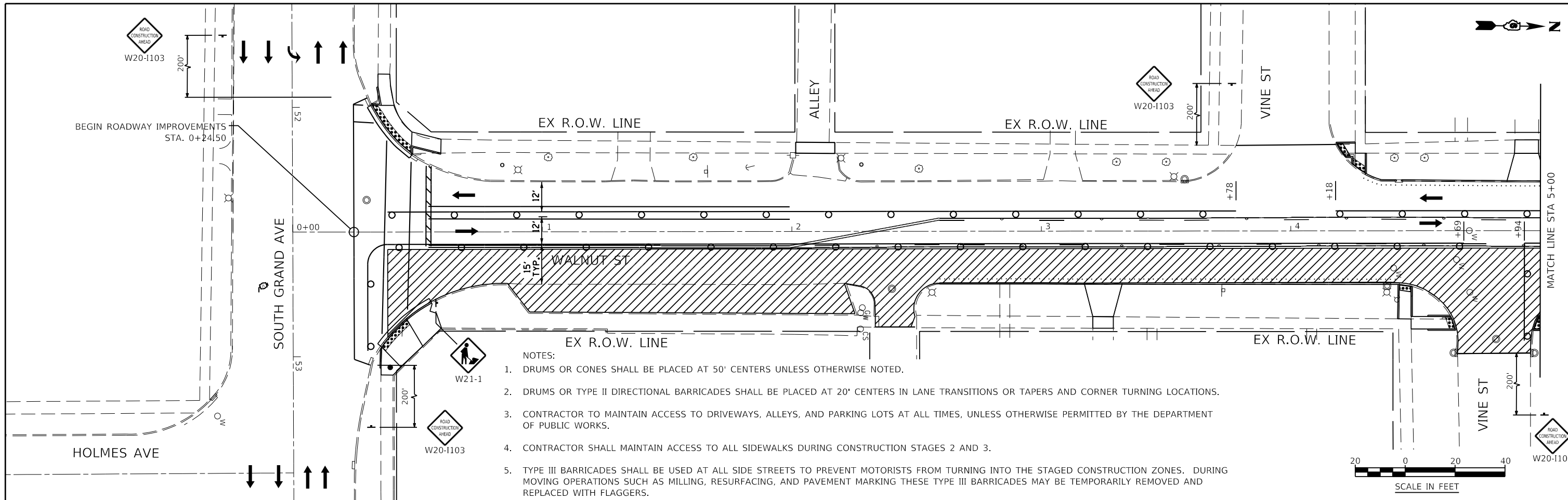
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PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

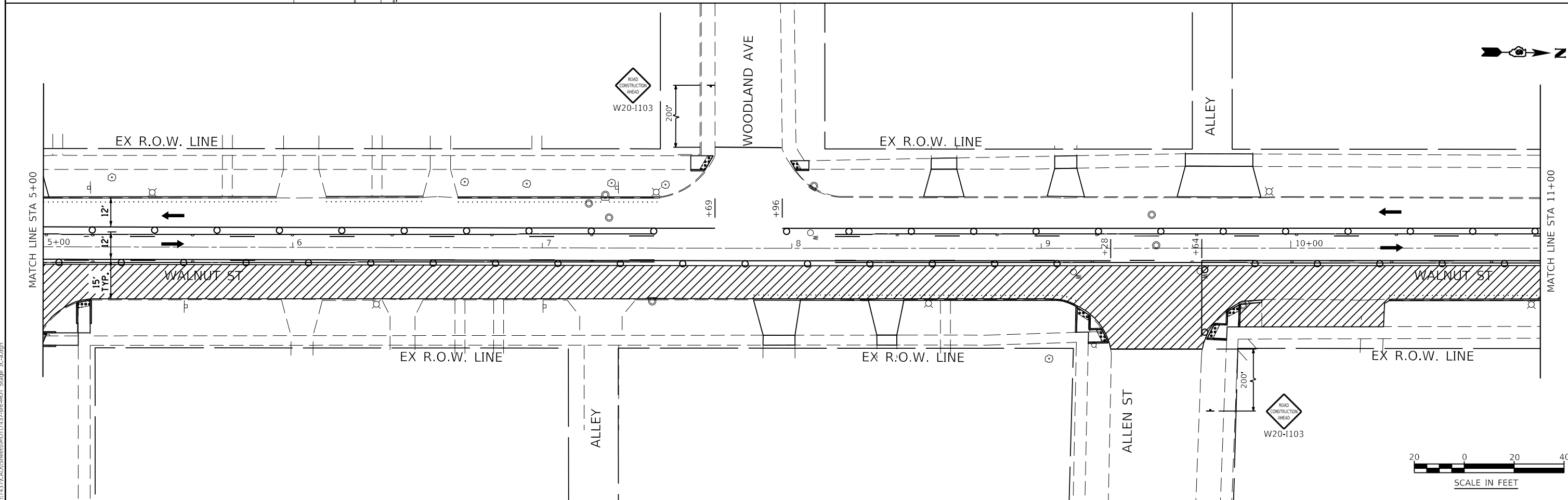
**MAINTENANCE OF TRAFFIC
STAGE 3B**

SCALE: AS SHOWN SHEET NO. 29 OF 33 SHEETS STA. 35+00 TO STA. 47+00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	51
CONTRACT NO. 93749				
ILLINOIS		FED. AID PROJECT		

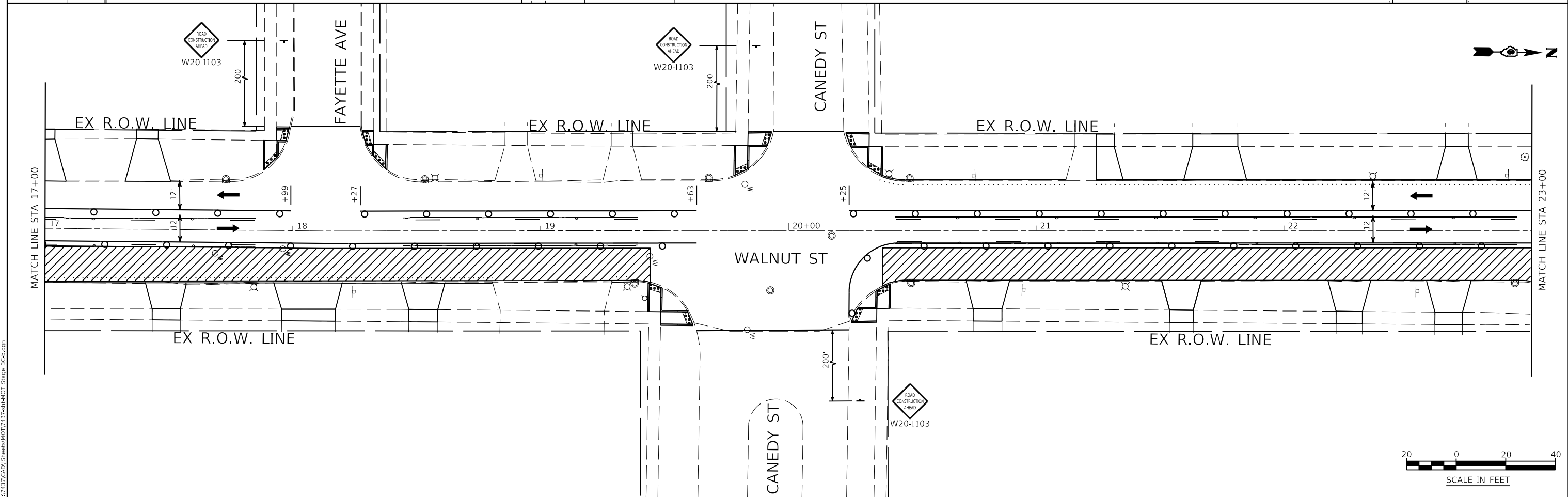
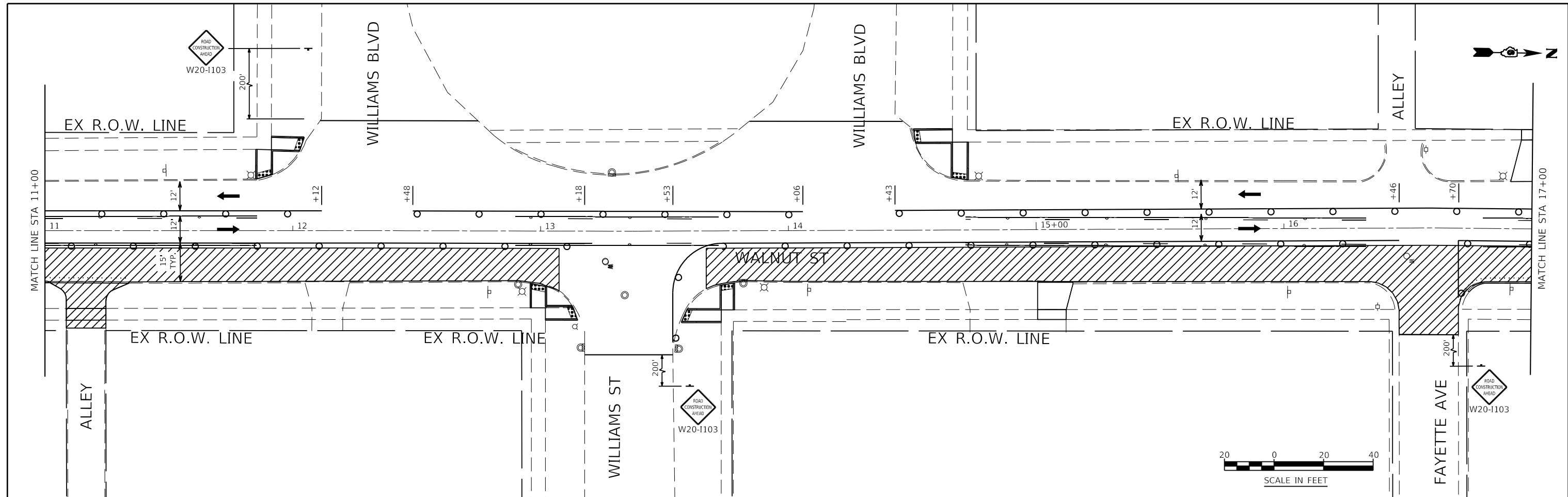


- NOTES:
1. DRUMS OR CONES SHALL BE PLACED AT 50' CENTERS UNLESS OTHERWISE NOTED.
 2. DRUMS OR TYPE II DIRECTIONAL BARRICADES SHALL BE PLACED AT 20' CENTERS IN LANE TRANSITIONS OR TAPERS AND CORNER TURNING LOCATIONS.
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KNIGHT Engineers & Architects	USER NAME = Jleaf	DESIGNED KES	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 3C	F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT DATE = 7/13/2020	DRAWN KES	REVISED -			8014	17-00484-00-5P	SANGAMON	82	52
	CHECKED JSA	DATE 06/19/2020	REVISED -	SCALE: AS SHOWN SHEET NO. 30 OF 33 SHEETS STA. 0+00 TO STA. 11+00		CONTRACT NO. 93749			ILLINOIS FED. AID PROJECT	



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Engineers & Architects

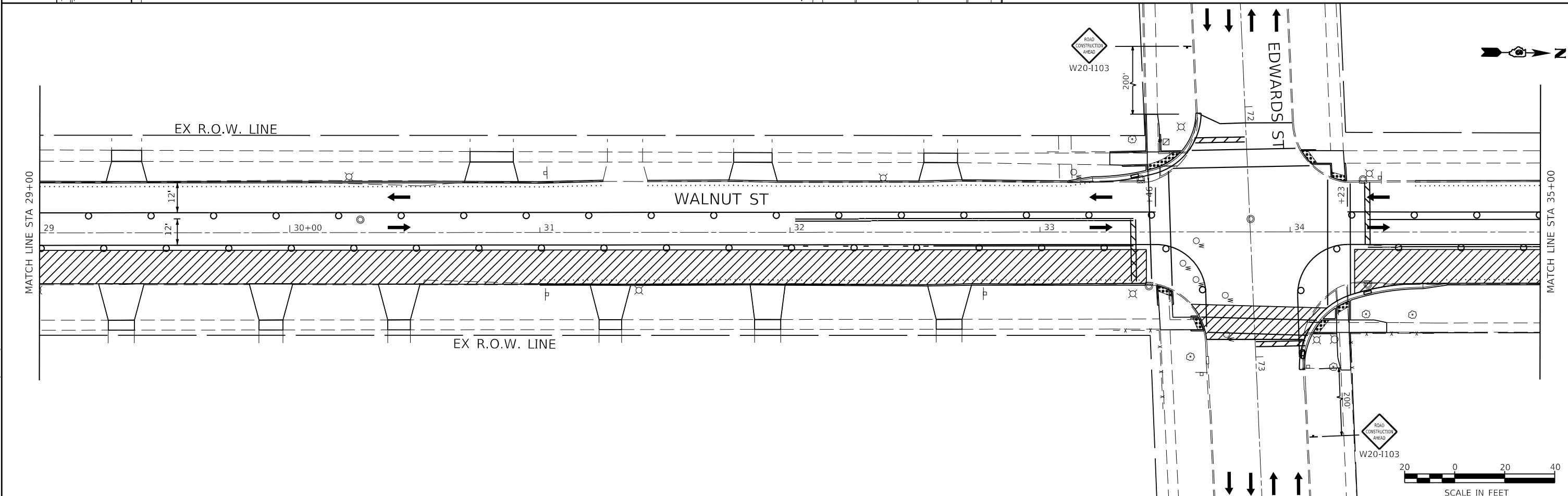
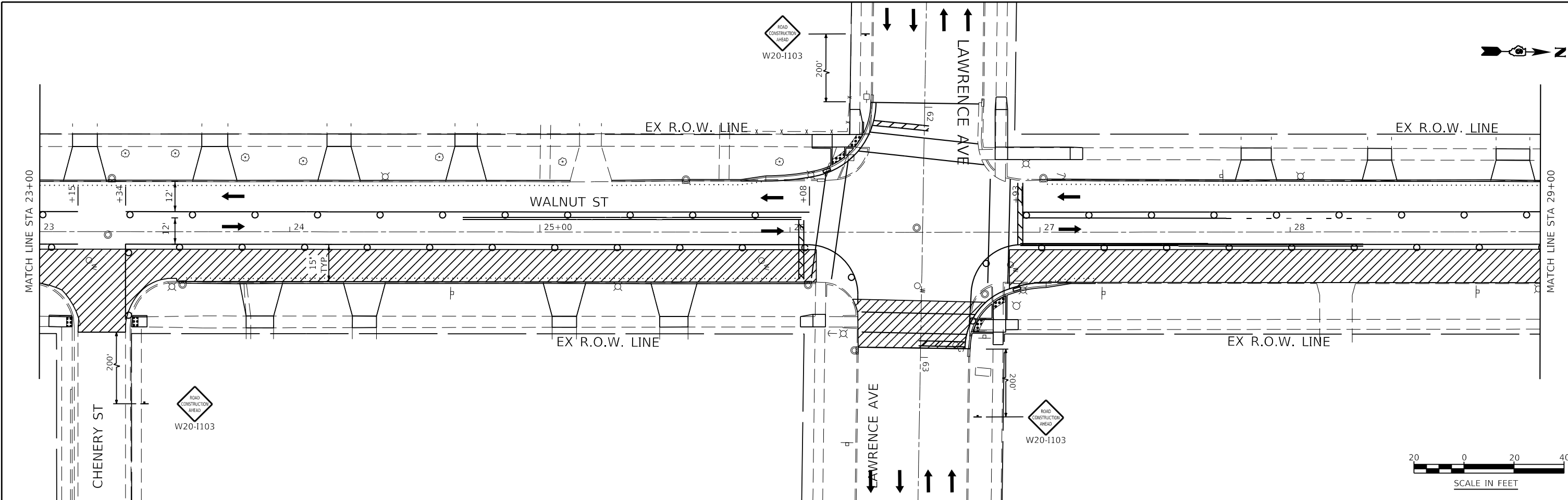
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PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 3C**

SCALE: AS SHOWN SHEET NO. 31 OF 33 SHEETS STA. 11+00 TO STA. 23+00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	53
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				



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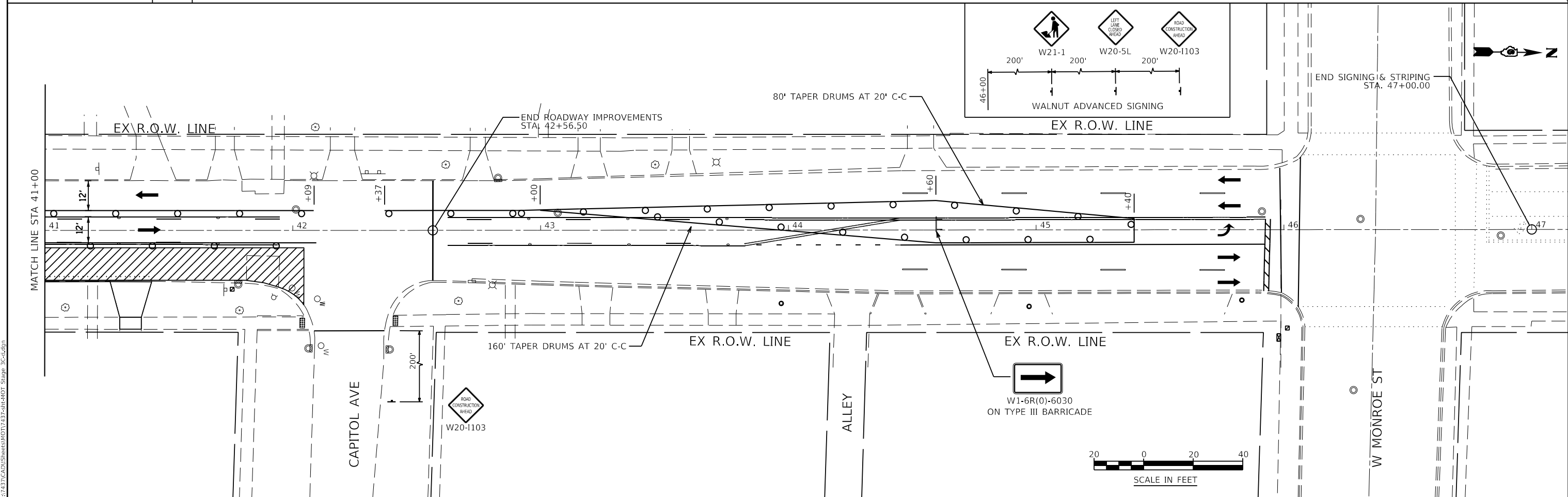
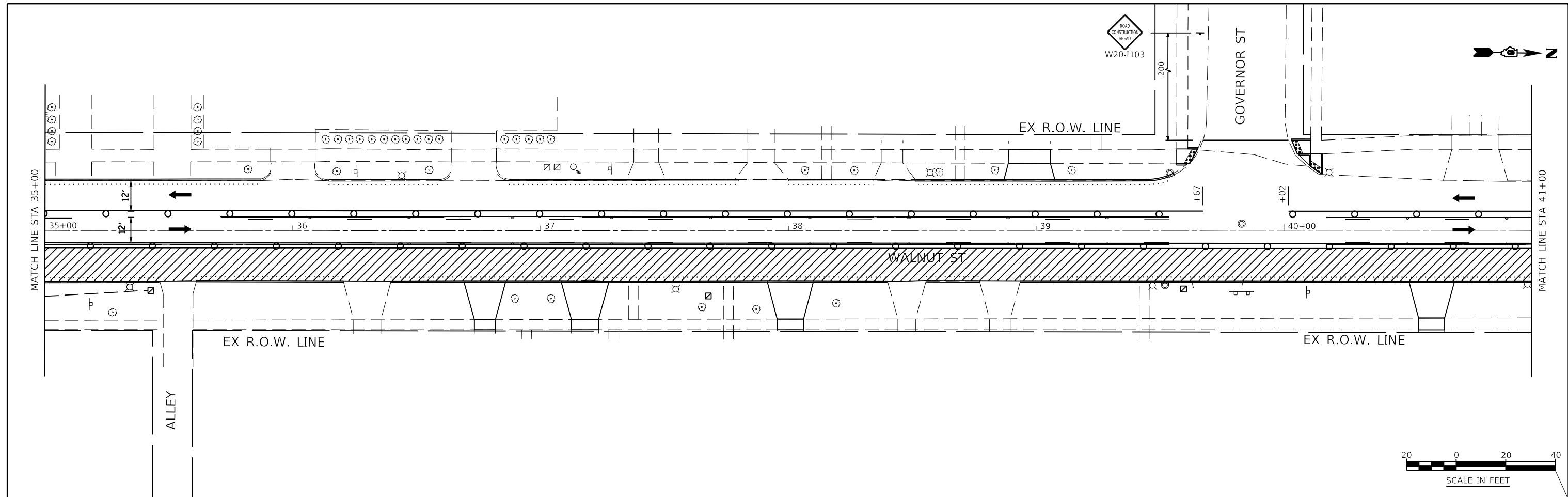
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 3C**

SCALE: AS SHOWN SHEET NO. 32 OF 33 SHEETS STA. 23+00 TO STA. 35+00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	54
CONTRACT NO. 93749				

ILLINOIS FED. AID PROJECT



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Engineers & Architects

USER NAME = Jleaf	DESIGNED KES	REVISED -
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PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

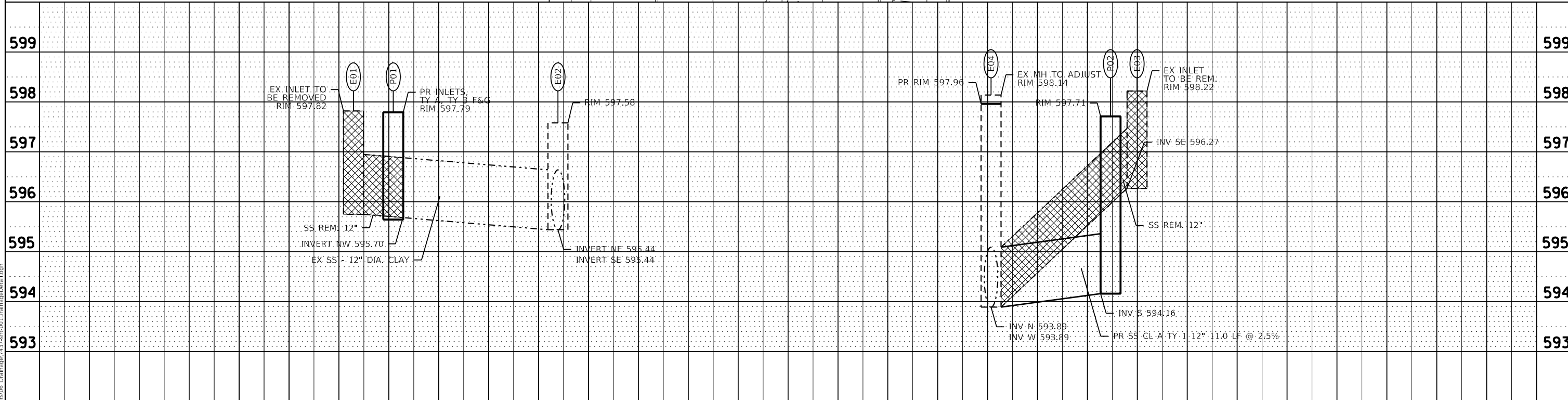
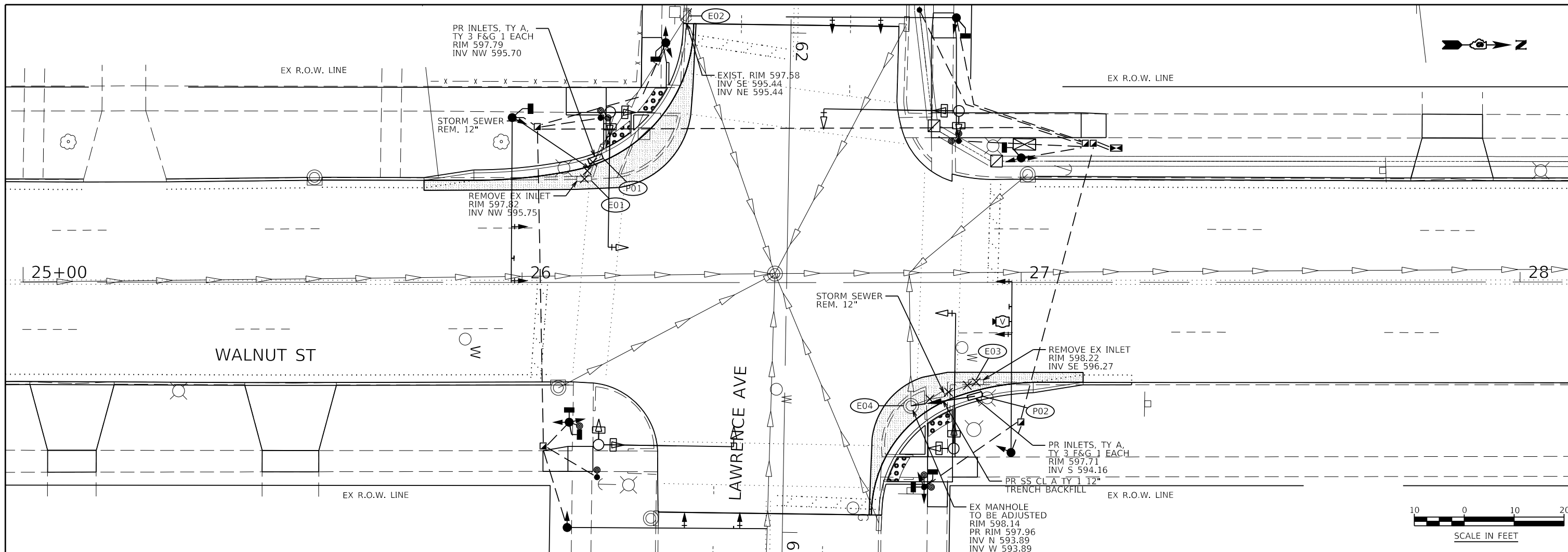
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 3C

SCALE: AS SHOWN | SHEET NO. 33 OF 33 SHEETS | STA. 35+00 TO STA. 47+00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	55
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				

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SOUTHWEST CORNER INLET DETAIL

NORTHEAST CORNER INLET DETAIL

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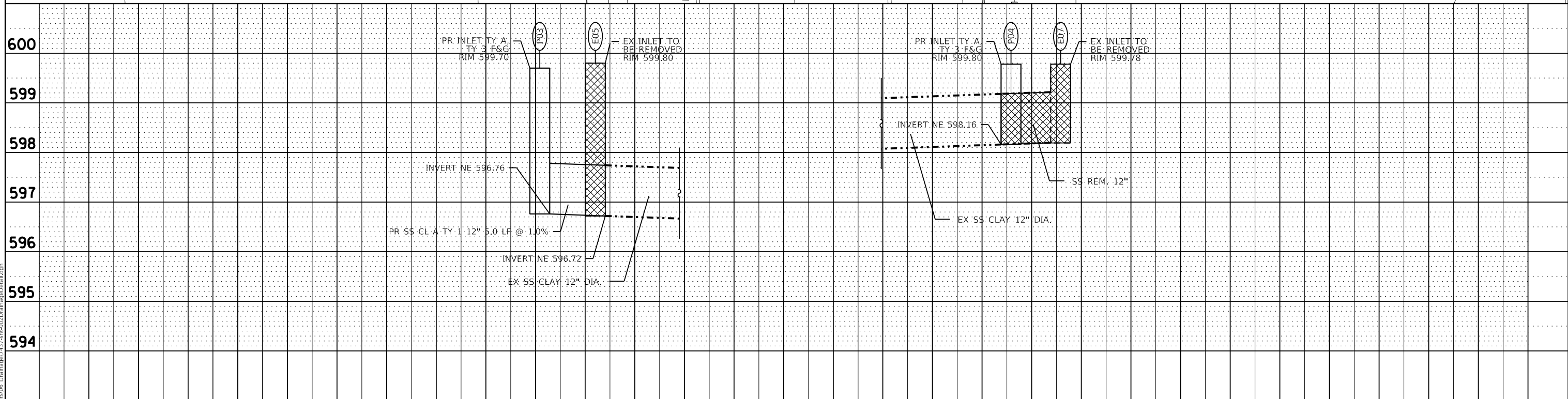
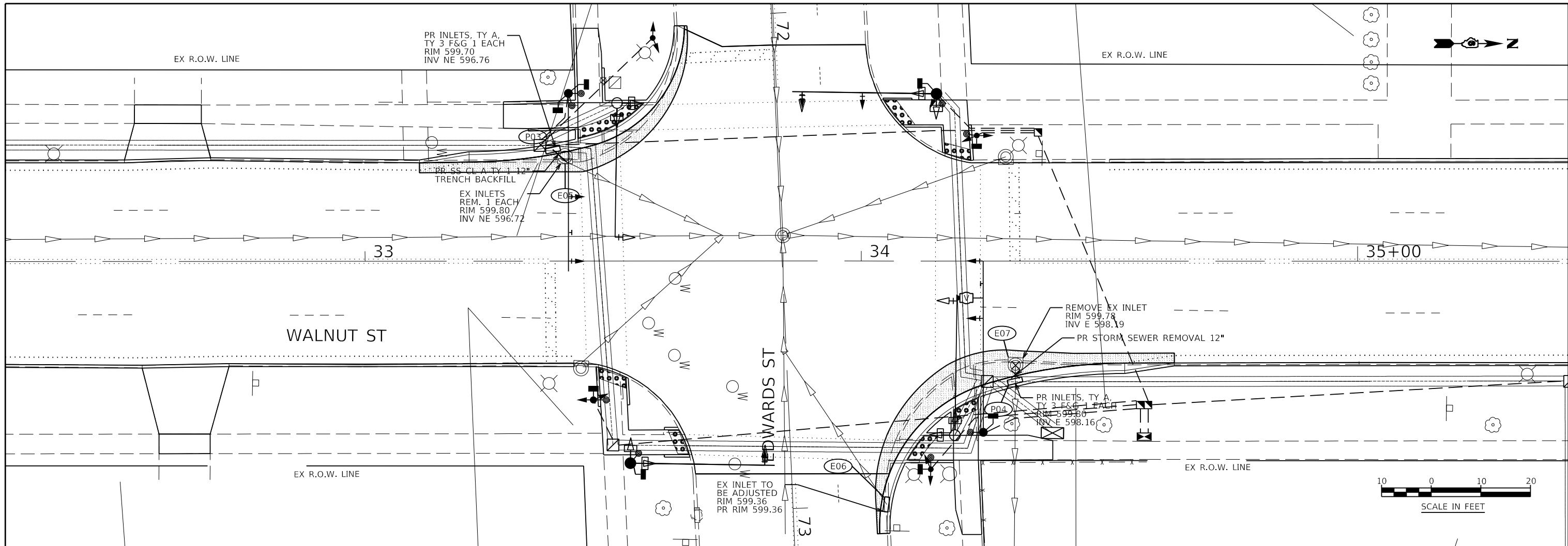
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	CHECKED JSA	REVISED -
PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAIL
LAWRENCE AVE. & WALNUT ST.

SCALE: AS SHOWN SHEET NO. 1 OF 2 SHEETS STA. 25+00 TO STA. 28+10

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	56
CONTRACT NO. 93749				
ILLINOIS		FED. AID PROJECT		



SOUTHWEST CORNER INLET DETAIL

NORTHEAST CORNER INLET DETAIL

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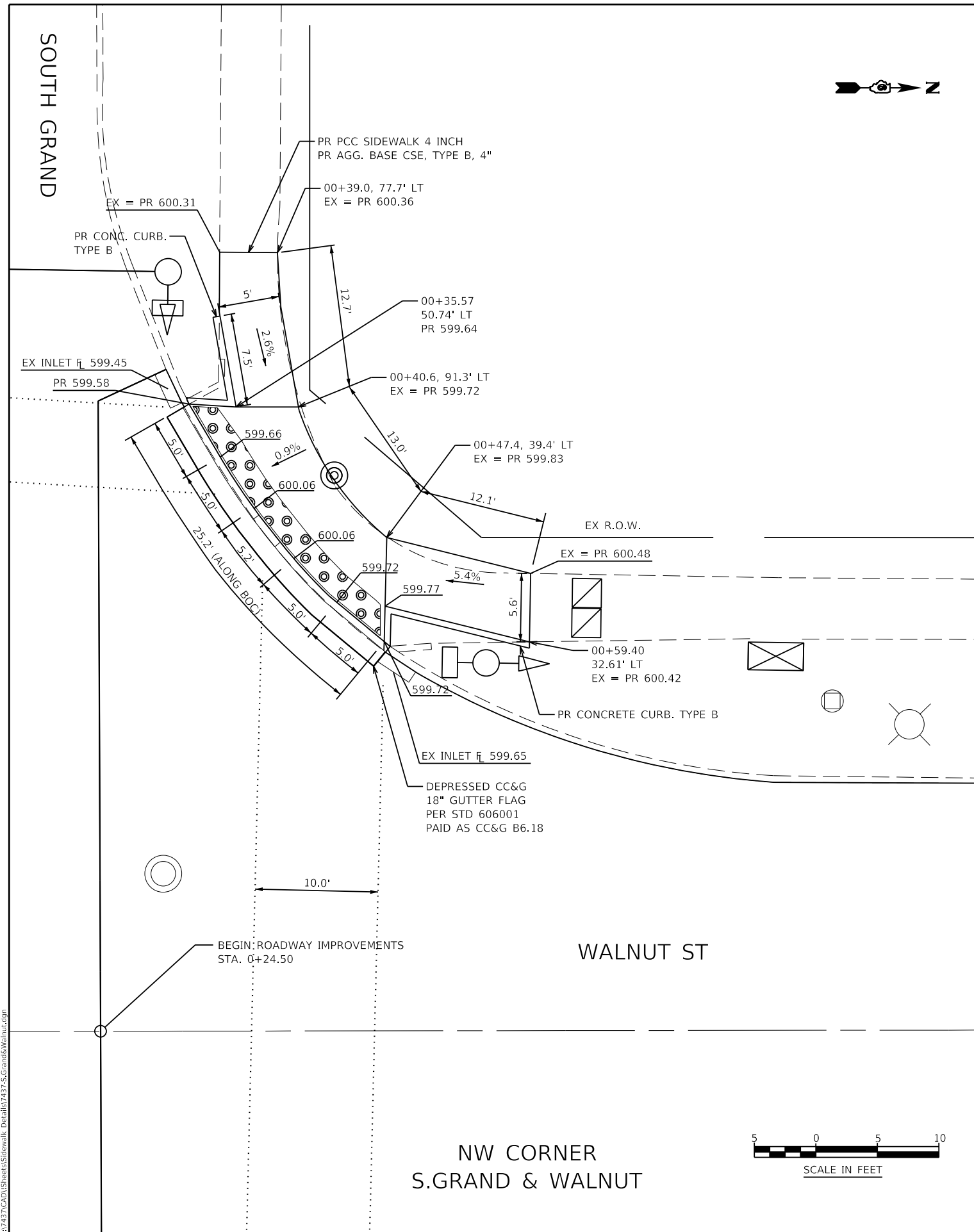
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PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

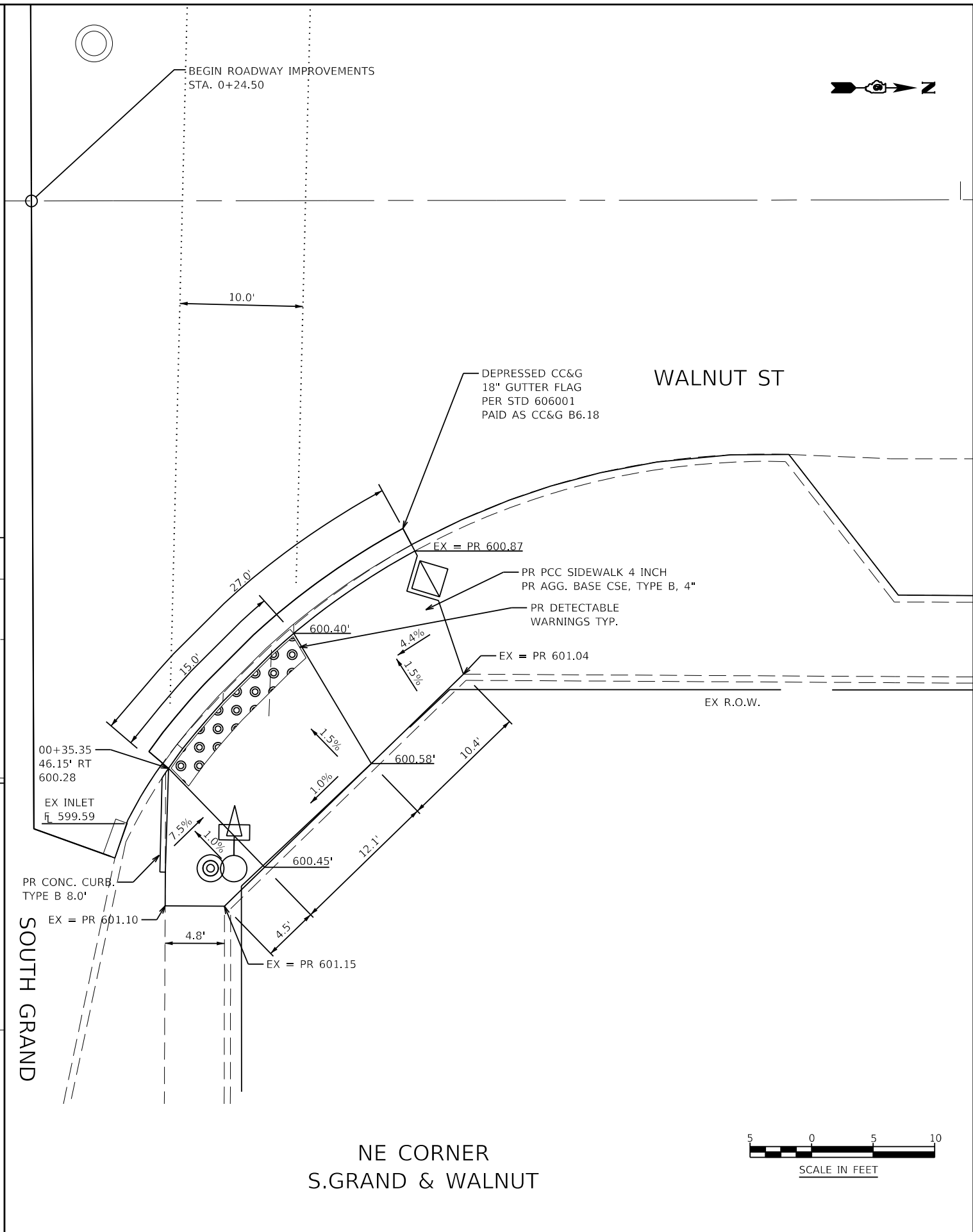
DRAINAGE DETAIL
EDWARDS ST. & WALNUT ST.

SCALE: AS SHOWN SHEET NO. 2 OF 2 SHEETS STA. 32+25 TO STA. 35+40

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	57
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				



NW CORNER
S.GRAND & WALNUT



NE CORNER
S.GRAND & WALNUT

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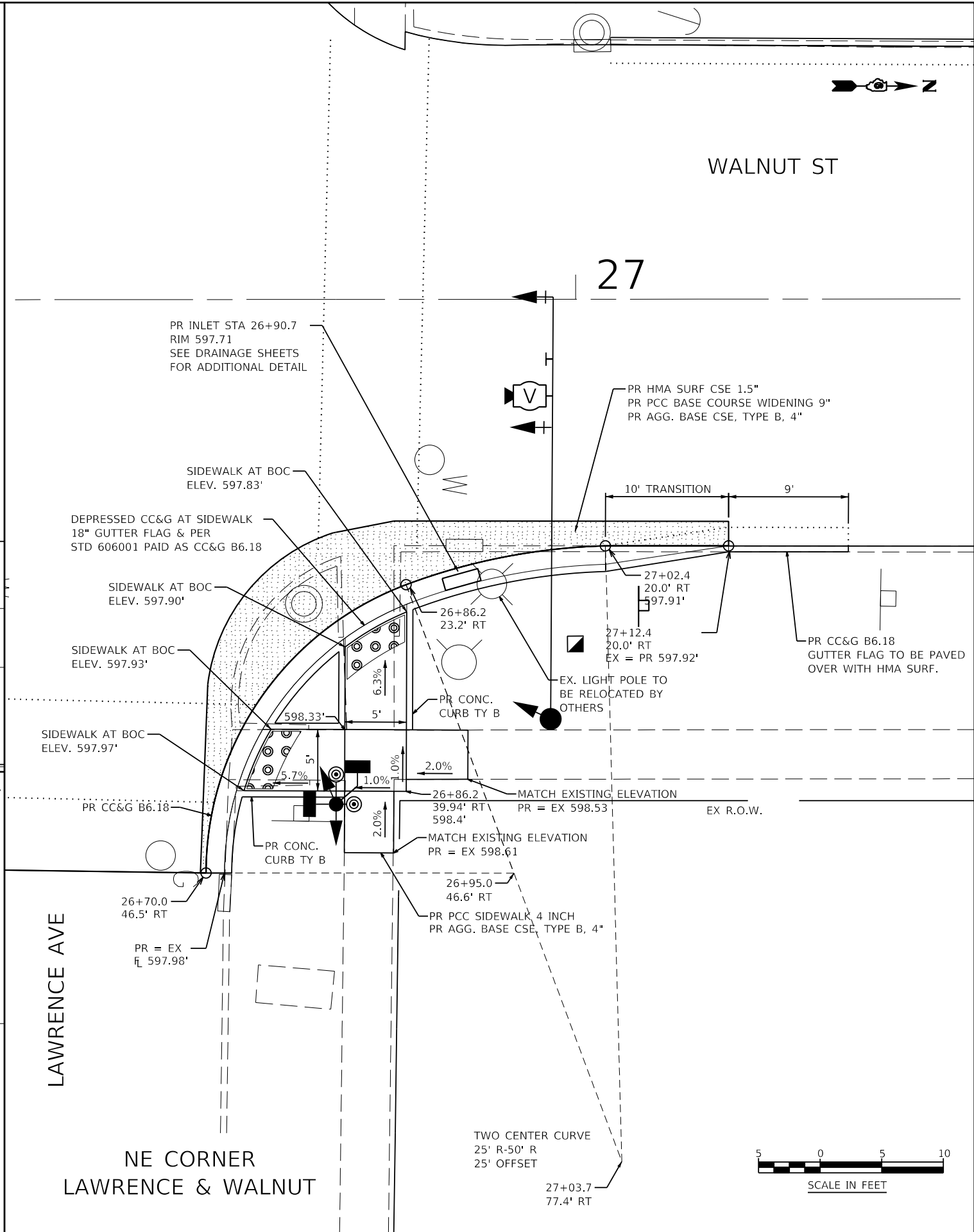
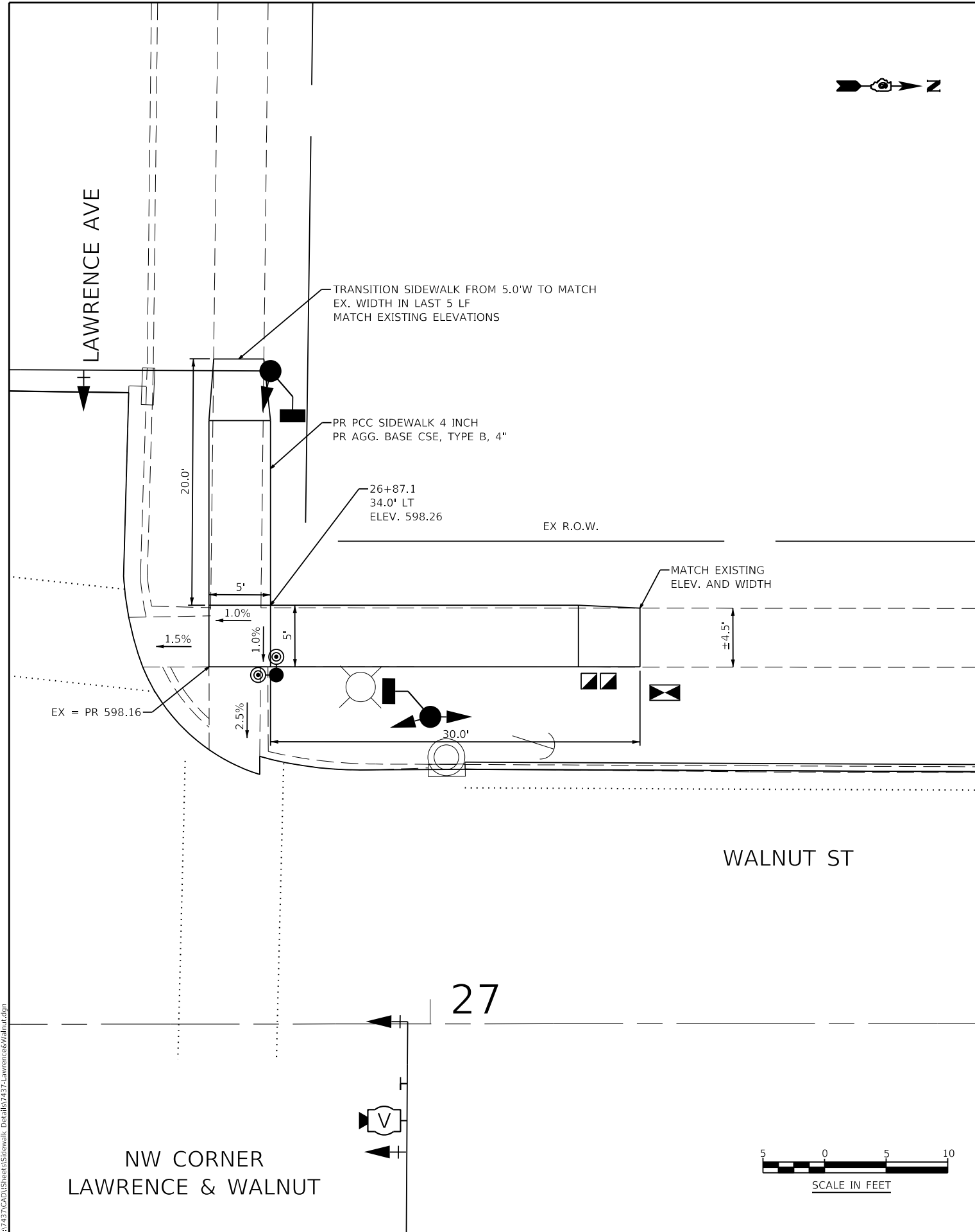
KNIGHT
Engineers & Architects

USER NAME = Jleaf	DESIGNED KES	REVISED -
	DRAWN KES	REVISED -
	CHECKED JSA	REVISED -
PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAIL S. GRAND & WALNUT	
SCALE: AS SHOWN	SHEET NO. 1 OF 5 SHEETS
STA.	TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	58
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				



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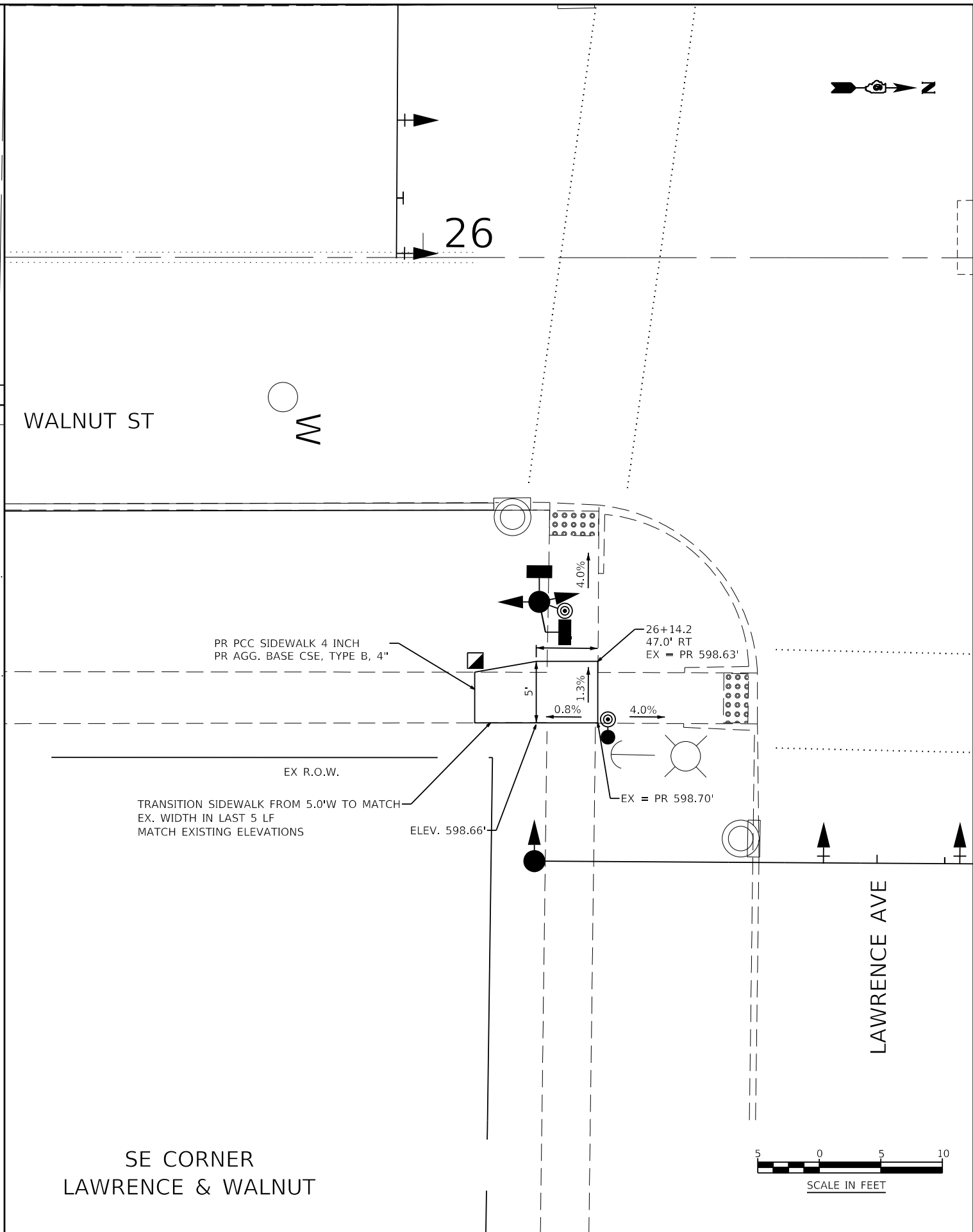
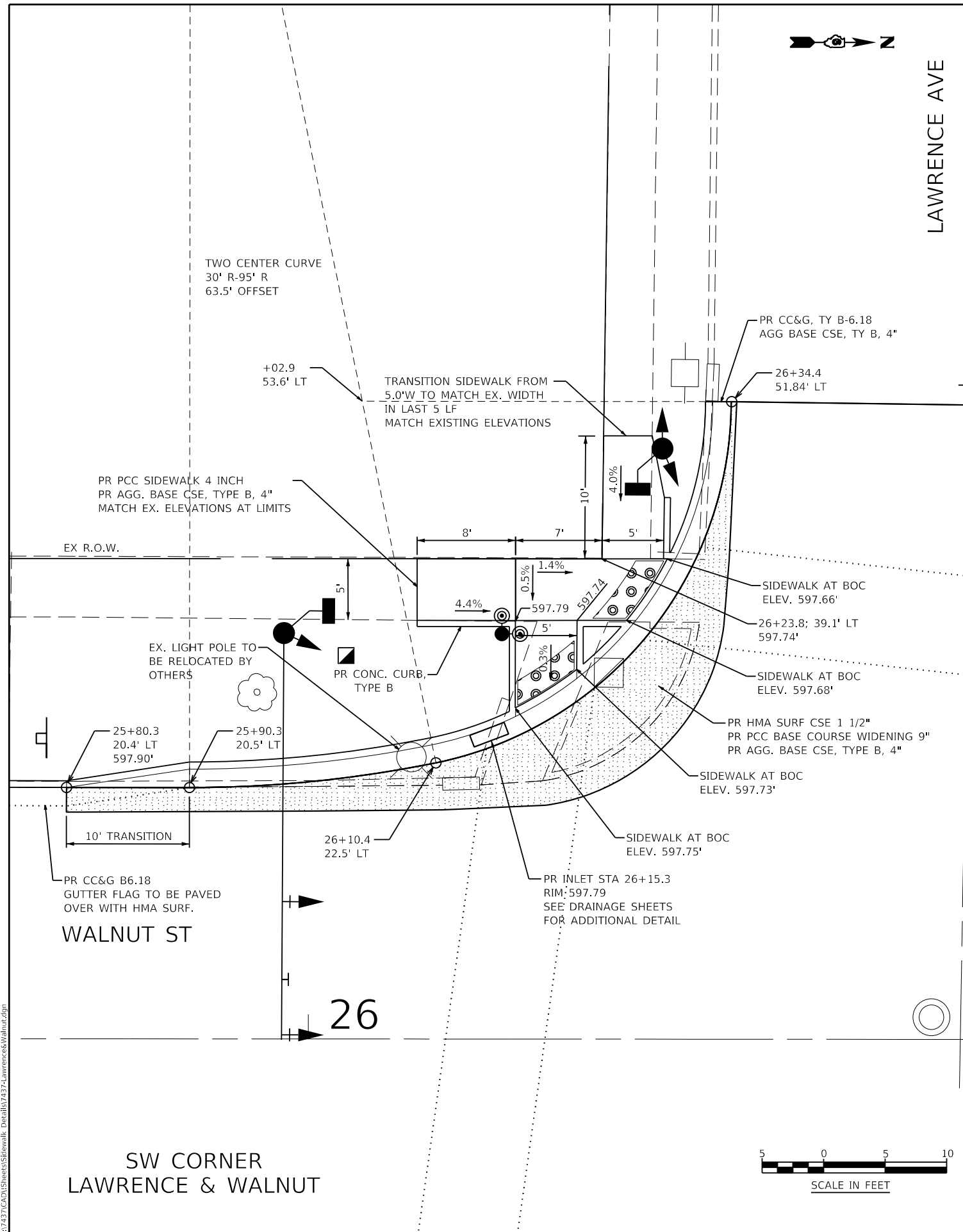
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PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAIL
LAWRENCE & WALNUT**

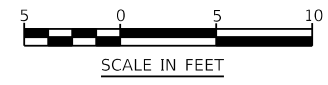
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F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	59
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				



SW CORNER
LAWRENCE & WALNUT

SE CORNER
LAWRENCE & WALNUT



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KNIGHT
Engineers & Architects

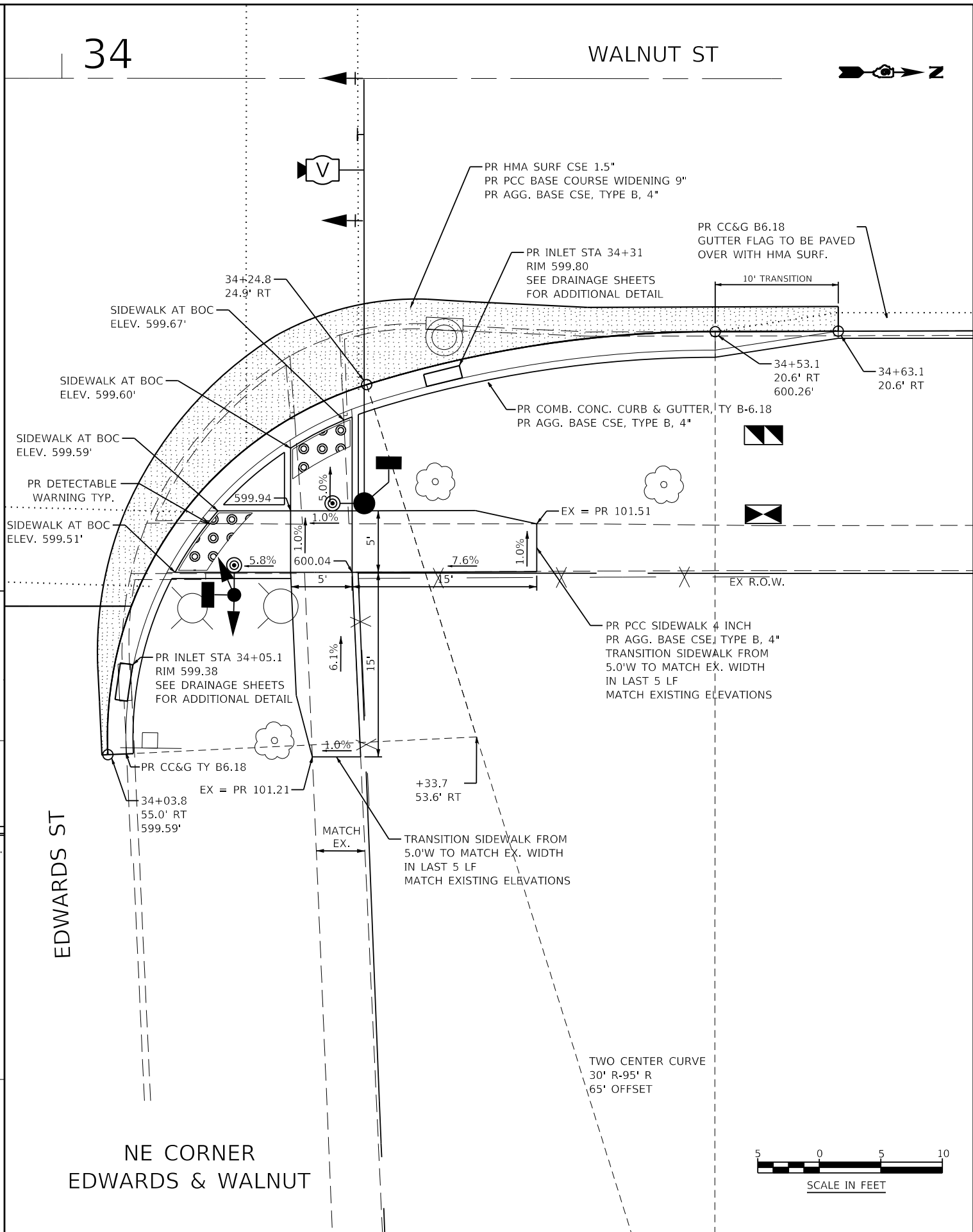
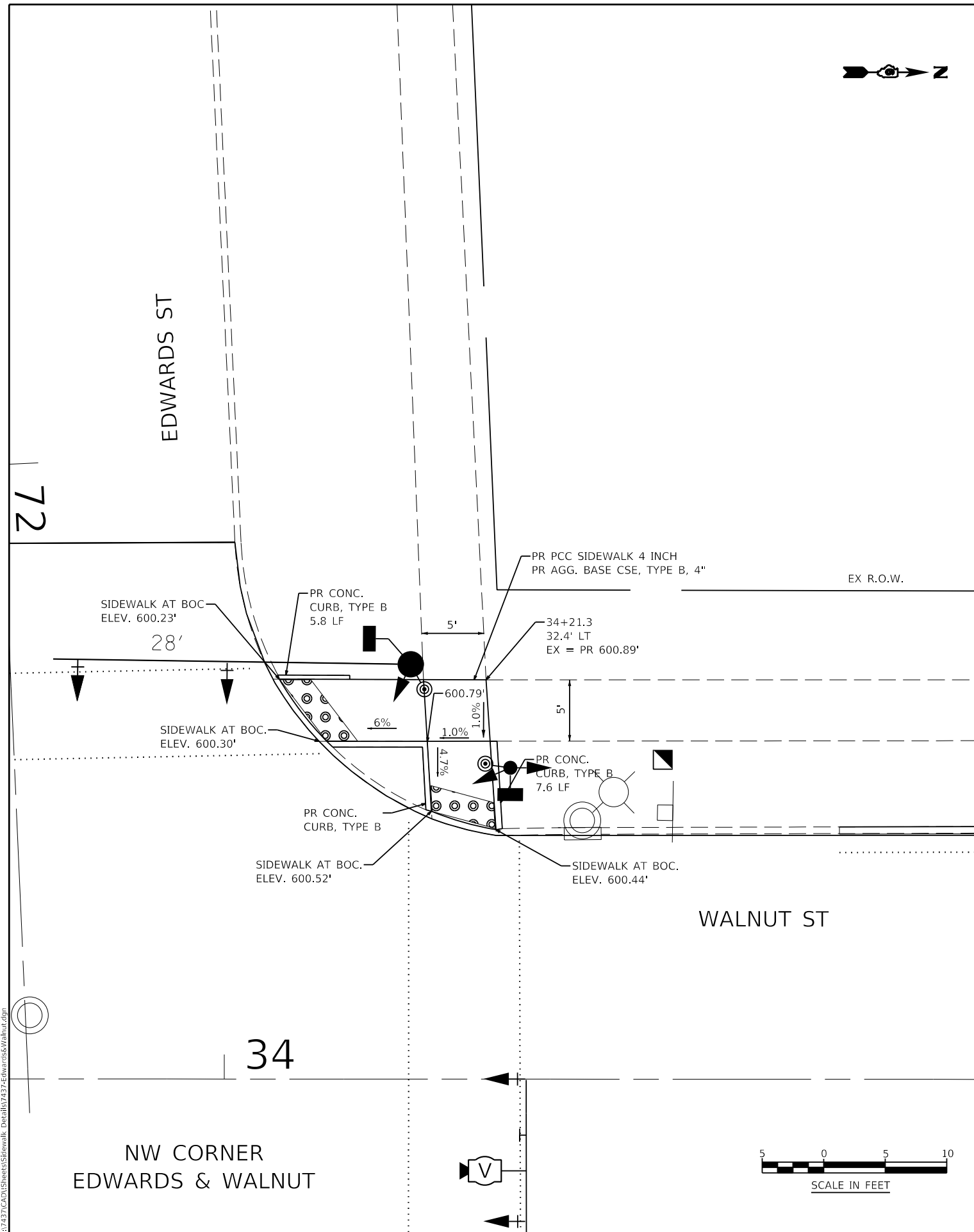
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	CHECKED JSA	REVISED -
PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAIL
LAWRENCE & WALNUT

SCALE: AS SHOWN SHEET NO. 3 OF 5 SHEETS STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	60
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				



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NW CORNER
EDWARDS & WALNUT

NE CORNER
EDWARDS & WALNUT



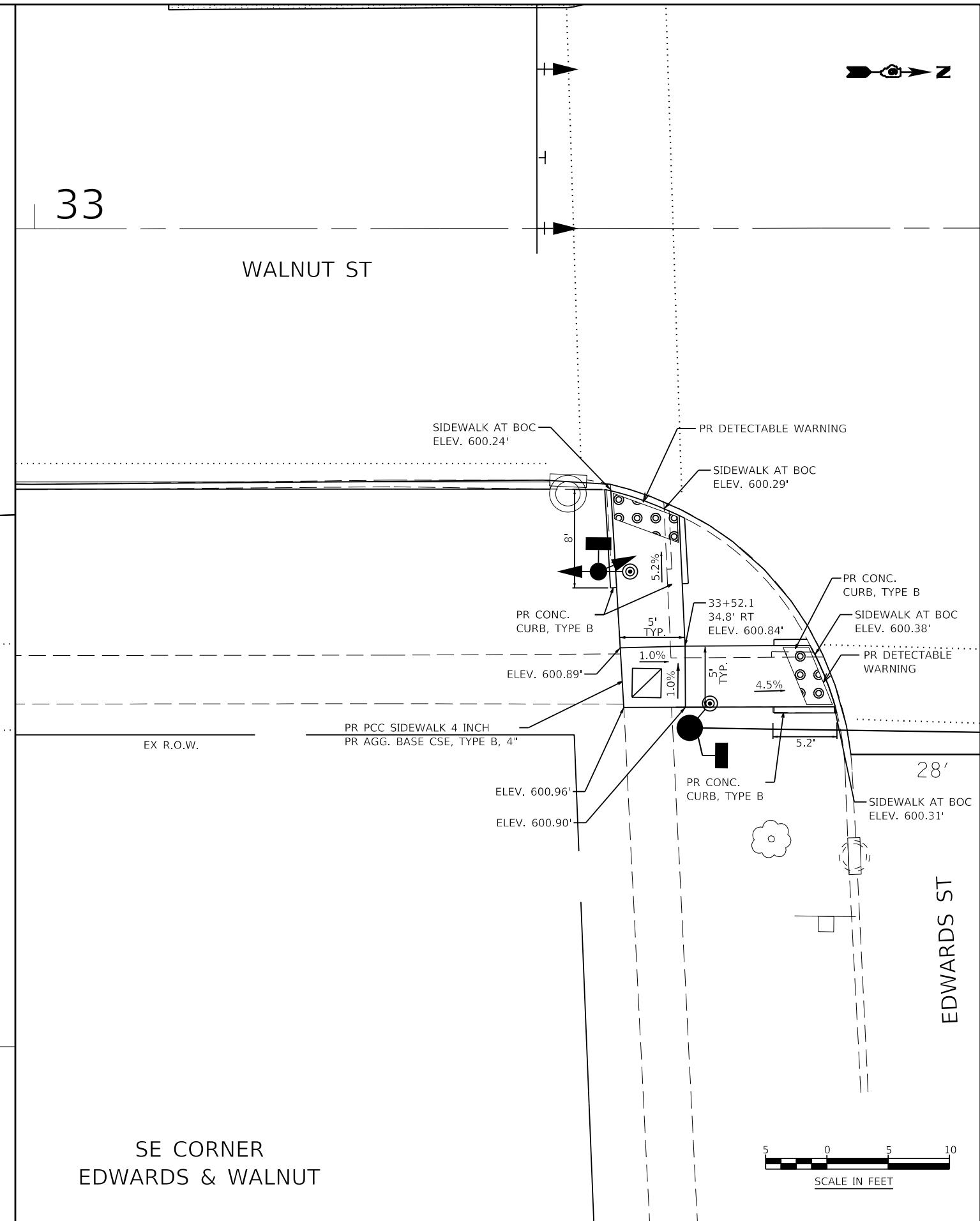
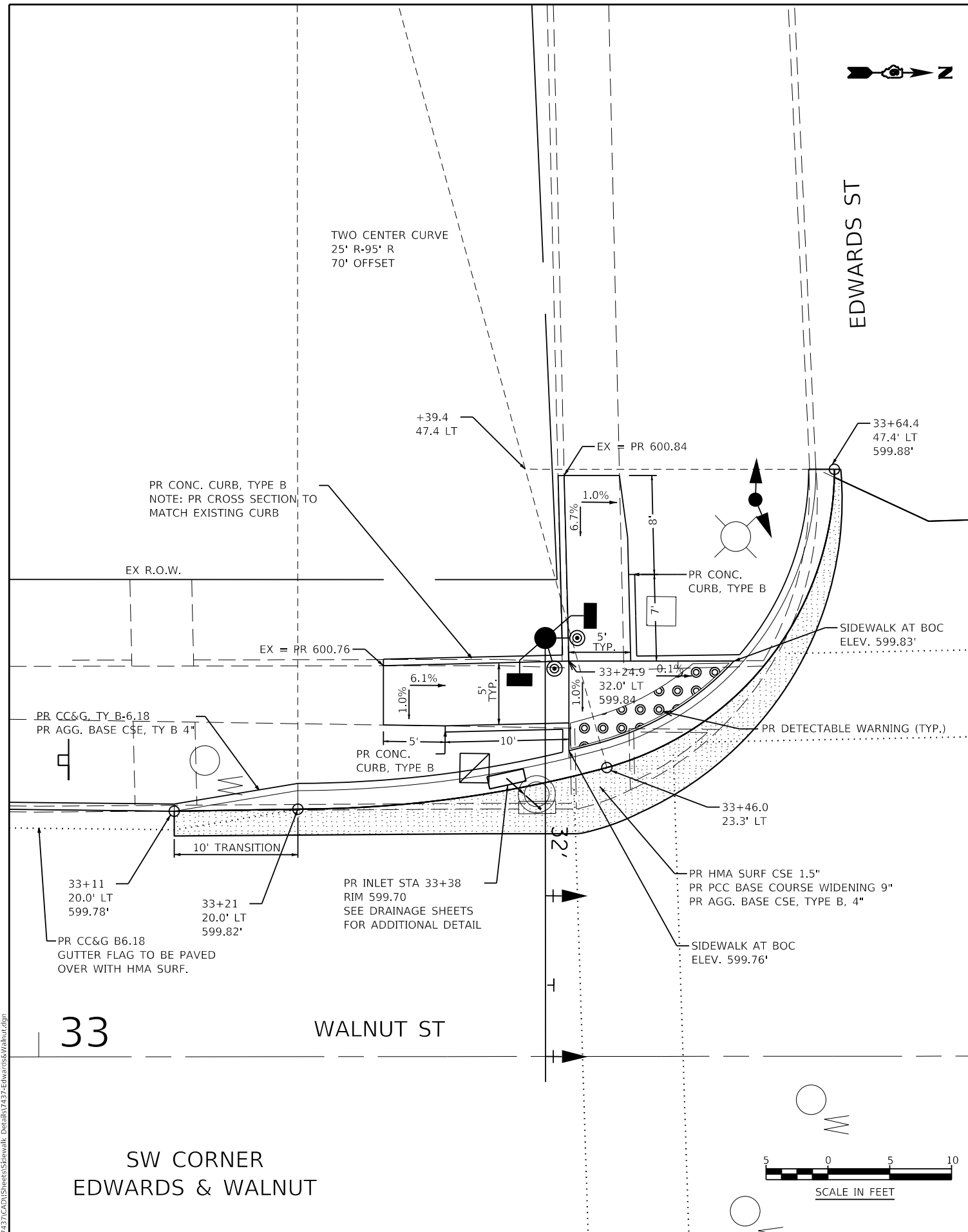
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PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAIL
EDWARDS & WALNUT

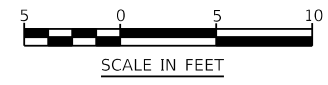
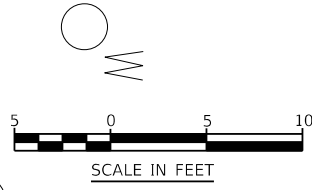
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F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	61
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				



SW CORNER
EDWARDS & WALNUT

SE CORNER
EDWARDS & WALNUT



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KNIGHT
Engineers & Architects

USER NAME = Jleaf	DESIGNED KES	REVISED -
	DRAWN KES	REVISED -
	CHECKED JSA	REVISED -
PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAIL
EDWARDS & WALNUT

SCALE: AS SHOWN SHEET NO. 5 OF 5 SHEETS STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	62
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				

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SIGNS TO BE REMOVED						
PLAN SIGN LABEL	SIGN FACE	SIGN DESCRIPTION	REMOVE POST	REMOVE PANEL	STATION	LT/RT
1		NO PARKING HERE TO CORNER	X	X	1+65	LT
2	A	NO PARKING FROM 7AM-9AM	X	X	3+70	RT
	B	NO PARKING DURING SNOW EMERGENCY		X		
3	A	NO PARKING FROM 7AM-9AM	X	X	5+20	LT
	B	NO PARKING DURING SNOW EMERGENCY		X		
4	A	NO PARKING FROM 7AM-9AM	X	X	5+55	RT
	B	NO PARKING DURING SNOW EMERGENCY		X		
5	A	NO PARKING FROM 7AM-9AM	X	X	7+00	RT
	B	NO PARKING DURING SNOW EMERGENCY		X		
6	A	NO PARKING FROM 7AM-9AM	X	X	7+30	LT
	B	NO PARKING DURING SNOW EMERGENCY		X		
7	A	NO PARKING FROM 7AM-9AM		X	8+55	RT
	B	NO PARKING DURING SNOW EMERGENCY		X		
8	A	NO PARKING FROM 7AM-9AM		X	10+95	RT
	B	NO PARKING DURING SNOW EMERGENCY		X		
9	A	NO PARKING FROM 7AM-9AM	X	X	11+50	LT
	B	NO PARKING DURING SNOW EMERGENCY		X		
10		NO PARKING	X	X	12+90	RT
11	A	NO PARKING FROM 7AM-9AM	X	X	14+10	RT
	B	NO PARKING DURING SNOW EMERGENCY		X		
12	A	NO PARKING FROM 7AM-9AM	X	X	15+60	LT
	B	NO PARKING DURING SNOW EMERGENCY		X		
13	A	NO PARKING FROM 7AM-9AM	X	X	16+00	RT
	B	NO PARKING DURING SNOW EMERGENCY		X		
14	A	NO PARKING FROM 7AM-9AM	X	X	16+80	RT
	B	NO PARKING DURING SNOW EMERGENCY		X		
15	A	NO PARKING FROM 7AM-9AM	X	X	18+25	RT
	B	NO PARKING DURING SNOW EMERGENCY		X		
16	A	NO PARKING FROM 7AM-9AM	X	X	19+00	LT
	B	NO PARKING DURING SNOW EMERGENCY		X		
17	A	NO PARKING FROM 7AM-9AM	X	X	20+75	LT
	B	NO PARKING DURING SNOW EMERGENCY		X		
18	A	NO PARKING FROM 7AM-9AM	X	X	20+95	RT
	B	NO PARKING DURING SNOW EMERGENCY		X		

SIGNS TO BE REMOVED						
PLAN SIGN LABEL	SIGN FACE	SIGN DESCRIPTION	REMOVE POST	REMOVE PANEL	STATION	LT/RT
19	A	NO PARKING FROM 7AM-9AM	X	X	22+55	RT
	B	NO PARKING DURING SNOW EMERGENCY		X		
20	A	NO PARKING FROM 7AM-9AM	X	X	22+90	LT
	B	NO PARKING DURING SNOW EMERGENCY		X		
21	A	NO PARKING FROM 7AM-9AM		X	24+40	LT
	B	NO PARKING DURING SNOW EMERGENCY		X		
22	A	NO PARKING FROM 7AM-9AM	X	X	24+65	RT
	B	NO PARKING DURING SNOW EMERGENCY		X		
23	A	TRUCK ROUTE			27+25	RT
	B	NEIGHBORHOOD WATCH				
	C	NO PARKING FROM 7AM-9AM		X		
24	A	PEDESTRIAN CROSSING			27+75	LT
	B	NO PARKING FROM 7AM-9AM		X		
25	A	NO PARKING FROM 7AM-9AM	X	X	28+75	RT
	B	NO PARKING DURING SNOW EMERGENCY		X		
26	A	PEDESTRIAN CROSSING			30+25	LT
	B	NO PARKING FROM 7AM-9AM		X		
27	A	NO PARKING FROM 7AM-9AM	X	X	31+00	LT
	B	NO PARKING DURING SNOW EMERGENCY		X		
28	A	NO PARKING FROM 7AM-9AM	X	X	31+00	RT
	B	NO PARKING DURING SNOW EMERGENCY		X		
29	A	NO PARKING FROM 7AM-9AM	X	X	32+80	RT
	B	NO PARKING DURING SNOW EMERGENCY		X		
30	A	ILLINOIS STATE MUSEUM			34+35	LT
	B	NO PARKING FROM 7AM-9AM		X		
31	A	PEDESTRIAN CROSSING			35+20	RT
	B	NO PARKING FROM 7AM-9AM		X		
32	A	NO PARKING FROM 7AM-9AM	X	X	36+25	LT
	B	NO PARKING DURING SNOW EMERGENCY		X		
33	A	NO PARKING FROM 7AM-9AM	X	X	37+20	LT
	B	NO PARKING DURING SNOW EMERGENCY		X		
34	A	PEDESTRIAN CROSSING			40+10	RT
	B	NO PARKING FROM 7AM-9AM		X		
35	A	NO PARKING FROM 7AM-9AM	X	X	41+20	LT
	B	NO PARKING DURING SNOW EMERGENCY		X		
36	A	NO PARKING FROM 7AM-9AM	X	X	41+70	RT
	B	NO PARKING DURING SNOW EMERGENCY		X		

PROPOSED SIGNS						
PLAN SIGN LABEL	SIGN FACE	MUTCD SIGN	SIGN DESCRIPTION	NEW POST	STATION	LT/RT
50	A	R3-17	BIKE LANE	X	0+65	LT
	B	R3-17bP	ENDS			
51	A	R3-17	BIKE LANE	X	2+55	RT
	B	R3-9b	NO PARKING BIKE LANE			
52		R4-4	BEGIN RIGHT TURN LANE YIELD TO BIKES	X	2+60	LT
53		R7-9a	NO PARKING BIKE LANE		5+65	LT
54		R7-9a	NO PARKING BIKE LANE		6+35	RT
55		R3-17	BIKE LANE		7+45	LT
56		R3-9b	NO PARKING BIKE LANE		9+95	LT
57		R3-17	BIKE LANE	X	9+95	RT
58		R7-9a	NO PARKING BIKE LANE		10+95	RT
59	A	R3-17	BIKE LANE		11+95	LT
	B	R7-9a	NO PARKING BIKE LANE			
60		R3-17	BIKE LANE		13+90	RT
61		R7-9a	NO PARKING BIKE LANE	X	15+25	RT
62		R7-9a	NO PARKING BIKE LANE		16+90	LT
63		R3-9B	CENTER LANE LEFT TURN ONLY		19+35	RT
64		R3-17	BIKE LANE	X	19+70	LT
65		R3-17	BIKE LANE	X	20+45	RT
66		R7-9a	NO PARKING BIKE LANE		21+35	RT
67		R3-9b	CENTER LANE LEFT TURN ONLY		22+40	LT
68		R7-9a	NO PARKING BIKE LANE		24+40	LT
69		R3-17	BIKE LANE	X	25+80	LT
70	A	R3-17	BIKE LANE	X	27+05	RT
	B	R7-9a	NO PARKING BIKE LANE			
71		R3-9b	CENTER LANE LEFT TURN ONLY		29+00	RT
72		R3-9b	CENTER LANE LEFT TURN ONLY		30+45	LT
73		R7-9a	NO PARKING BIKE LANE		32+40	LT
74		R3-17	BIKE LANE	X	33+00	LT
75	A	R3-17	BIKE LANE	X	34+60	RT
	B	R7-9a	NO PARKING BIKE LANE			
76		R3-9b	CENTER LANE LEFT TURN ONLY		36+45	LT
77		R3-9b	CENTER LANE LEFT TURN ONLY		37+55	RT
78		R7-9a	NO PARKING BIKE LANE		38+60	LT
79		R3-17	BIKE LANE	X	39+50	LT
80		R7-9a	NO PARKING BIKE LANE	X	40+40	RT
81		R4-11	BIKES MAY USE FULL LANE	X	41+70	RT
82	A	R3-17	BIKE LANE		42+10	RT
	B	R7-9a	NO PARKING BIKE LANE			
83		R3-9b	CENTER LANE LEFT TURN ONLY	X	43+50	LT
84		W4-2	RIGHT LANE ENDS	X	45+60	LT
85		W9-2	MERGE LEFT	X	47+00	LT

NOTE:
1. SEE PLAN SHEETS 69-82 FOR ADDITIONAL SIGNS INTEGRAL TO THE TRAFFIC SIGNAL PLANS.

KNIGHT Engineers & Architects	USER NAME = Jleaf	DESIGNED KES	REVISED -
		DRAWN KES	REVISED -
		CHECKED JSA	REVISED -
	PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN
WALNUT STREET**

SCALE: AS SHOWN SHEET NO. 1 OF 7 SHEETS STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	63
CONTRACT NO. 93749			ILLINOIS FED. AID PROJECT	

PAVEMENT MARKING LEGEND

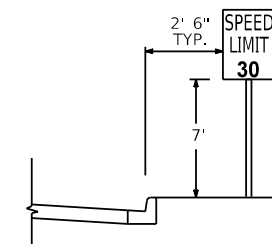
- | | | | |
|----------|---|----------|---|
| A | PAVEMENT MARKING - LINE 4", WHITE SKIP-DASH (10' LINE - 30' SPACE) | H | PAVEMENT MARKING - LINE 24", SOLID WHITE |
| B | PAVEMENT MARKING - LINE 4", DOUBLE YELLOW | I | PAVEMENT MARKING - LETTERS & SYMBOLS, SOLID WHITE |
| C | PAVEMENT MARKING - LINE 4", SOLID WHITE | J | PAVEMENT MARKING - LINE 4", SOLID YELLOW |
| D | PAVEMENT MARKING - LINE 4", WHITE SKIP-DASH (2' LINE- 6' SPACE) | K | PAVEMENT MARKING - LINE 8", SOLID YELLOW |
| E | PAVEMENT MARKING - LINE 6", SOLID WHITE | L | PAVEMENT MARKING - LINE 4", SOLID YELLOW WITH 12" SOLID YELLOW DIAGONALS AT 45 DEGREES, SPACED AT 20' C-C |
| F | PAVEMENT MARKING - LINE 4", SOLID WHITE WITH 12" SOLID WHITE DIAGONALS AT 45 DEGREES, SPACED AT 20' C-C | M | PAVEMENT MARKING - LINE 12", SOLID YELLOW |
| G | PAVEMENT MARKING - LINE 12", SOLID WHITE (12" LINE WITH 24" GAP THRU CROSS WALK) | N | PAVEMENT MARKING - LINE 4", YELLOW SKIP-DASH (10' LINE - 30' SPACE) |

SIGN LEGEND

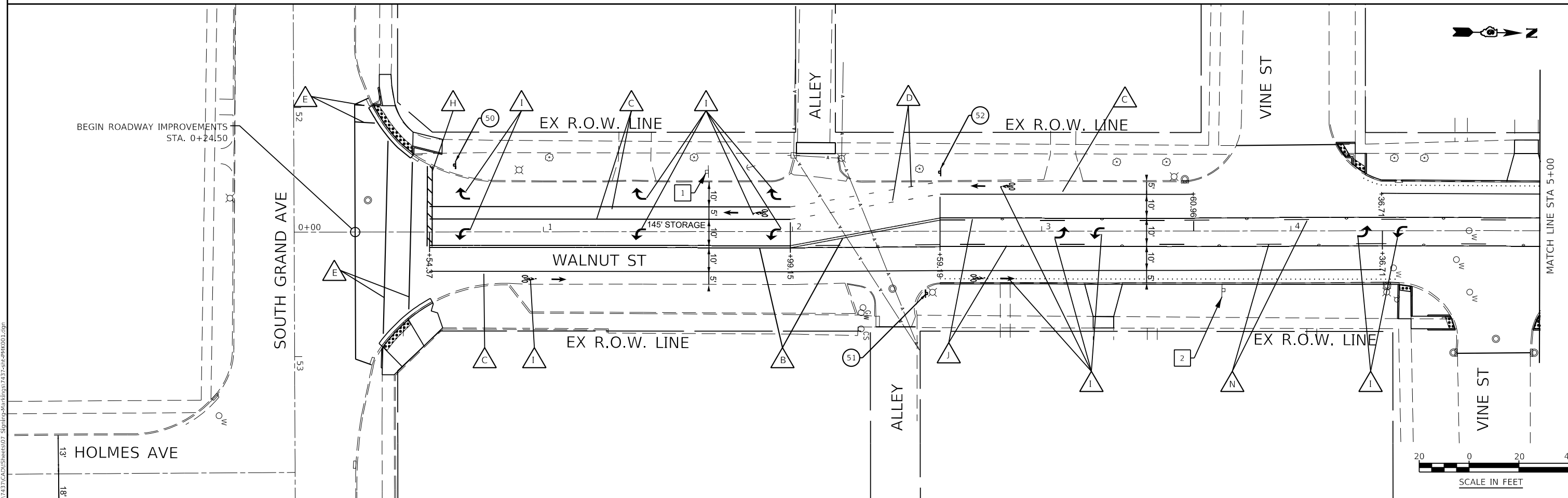
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|------------|--|
| NO. | SIGN REMOVAL - SEE SHEET 62 FOR SIGN INFORMATION |
| NO. | PROPOSED SIGN PLAN - SEE SHEET 62 FOR SIGN INFORMATION |

NOTES

- AT TRAFFIC SIGNAL LOCATIONS, SIGNAL POLES REQUIRE PEDESTRIAN PUSH BUTTON(S). EACH PUSH BUTTON SHALL HAVE REGULATORY SIGN R10-3e-915 (LEGEND 10R/10L) INSTALLED ABOVE THE PUSH BUTTON. SEE PEDESTRIAN BUTTON SIGN MOUNT DETAIL ON REGULATORY SIGNS (R) LEGEND SHEET. SEE TRAFFIC SIGNAL PLANS FOR MAST ARM MOUNTED STREET NAME SIGNS.
- SIGN LOCATIONS MAY VARY BASED ON FIELD CONDITIONS.
- ALL POST-MOUNTED SIGNS SHALL BE BY CITY OF SPRINGFIELD EXCEPT FOR SIGNS MOUNTED ON TRAFFIC SIGNAL EQUIPMENT.
- SEE PLAN SHEET NO. 62 FOR SIGN DESCRIPTIONS AND WORK TO BE PERFORMED.

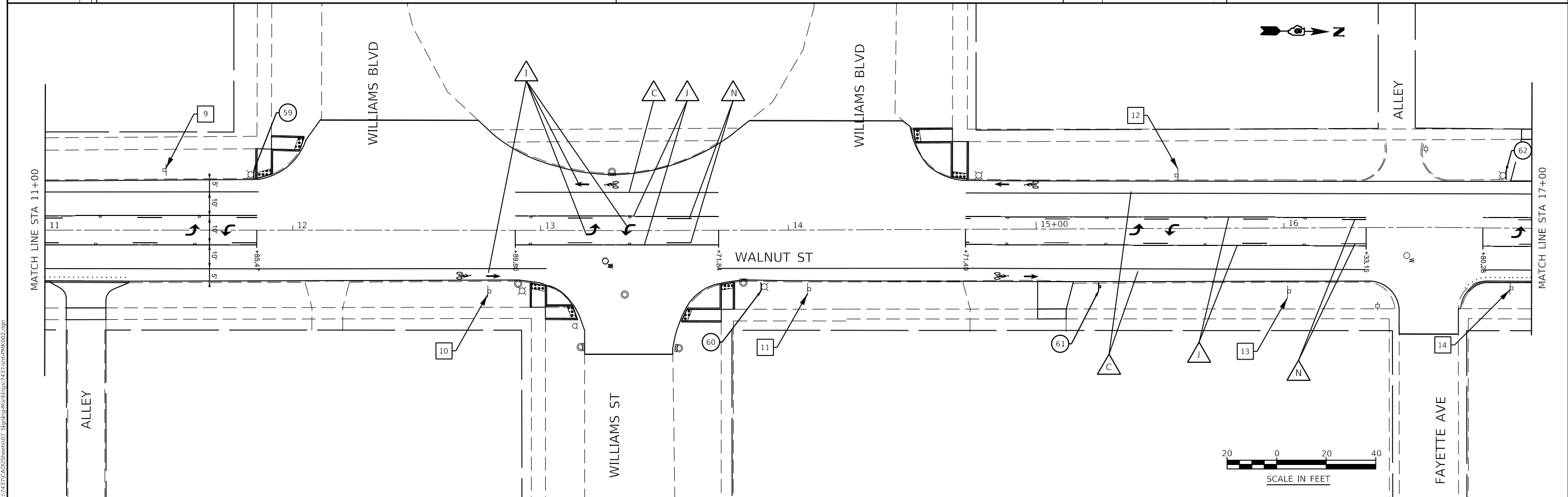
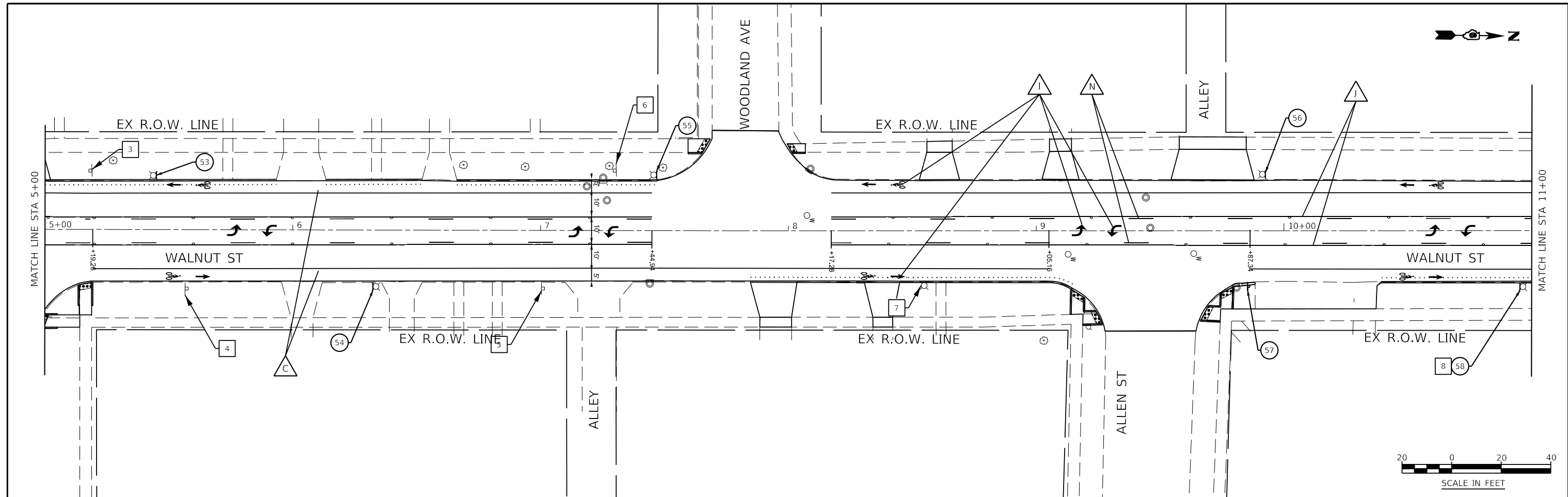


TYPICAL OFFSET DETAIL (PER STD 720006)



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KNIGHT Engineers & Architects	USER NAME = Jleaf	DESIGNED KES	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNING PLAN WALNUT STREET	F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT DATE = 7/13/2020	DRAWN KES	REVISED -			8014	17-00484-00-5P	SANGAMON	82	64	
	CHECKED JSA	REVISED -				CONTRACT NO. 93749					
	DATE 06/19/2020	REVISED -				ILLINOIS FED. AID PROJECT					



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KNIGHT
Engineers & Architects

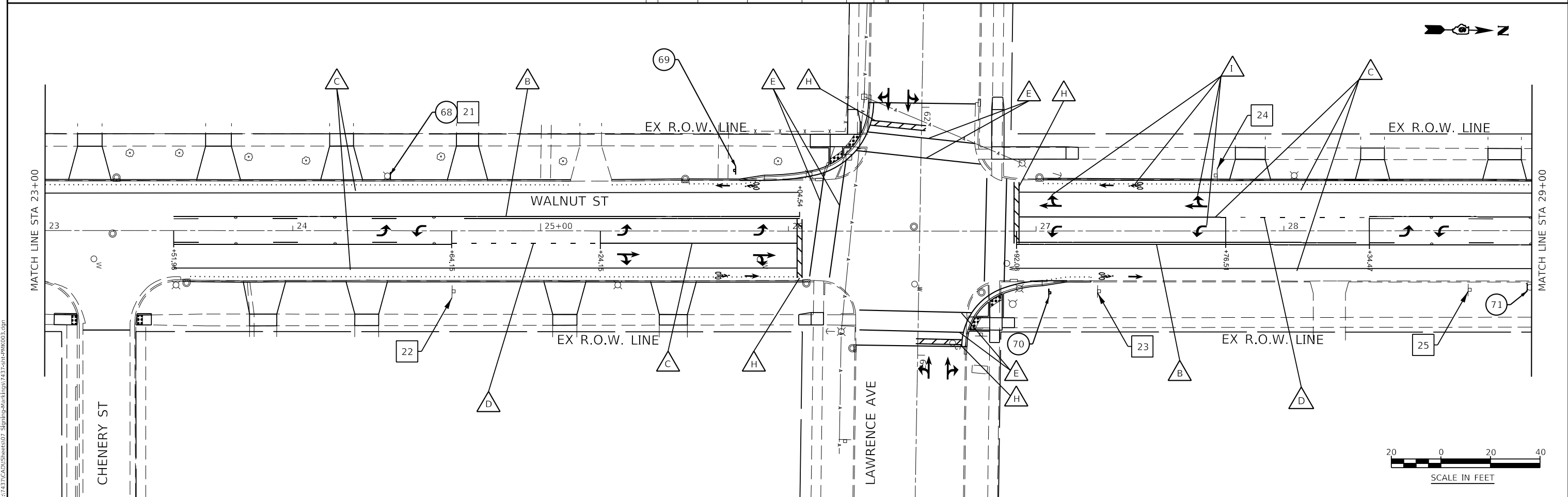
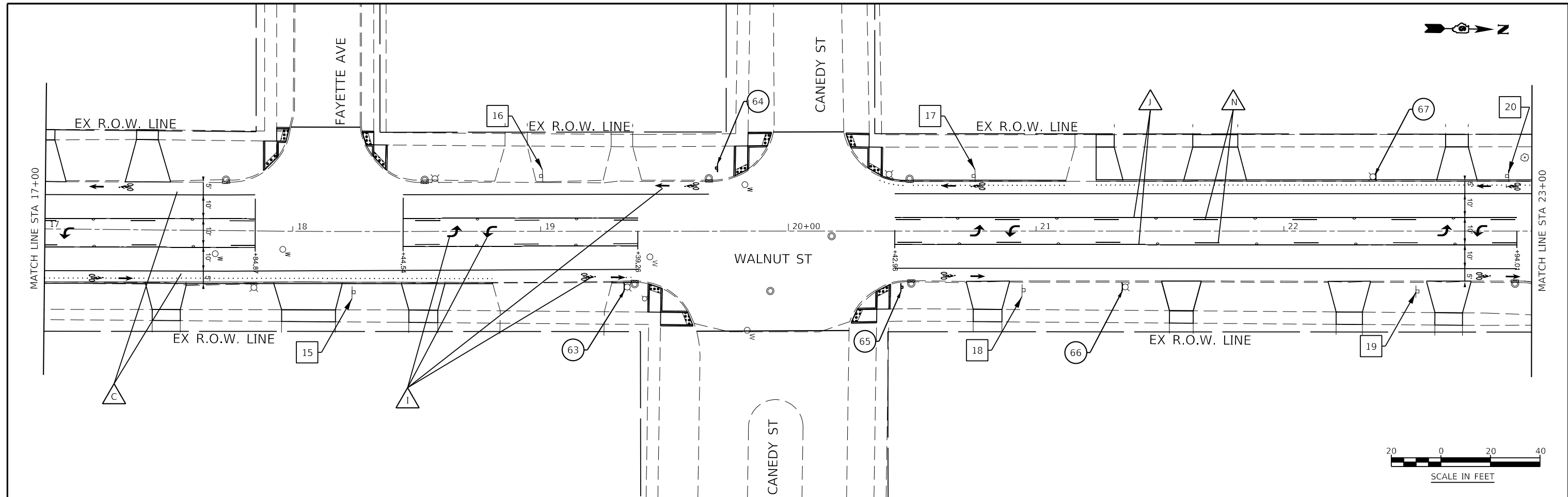
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	CHECKED JSA	REVISED -
PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN
WALNUT STREET**

SCALE: AS SHOWN SHEET NO. 3 OF 7 SHEETS STA. 5+00 TO STA. 17+00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	65
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				



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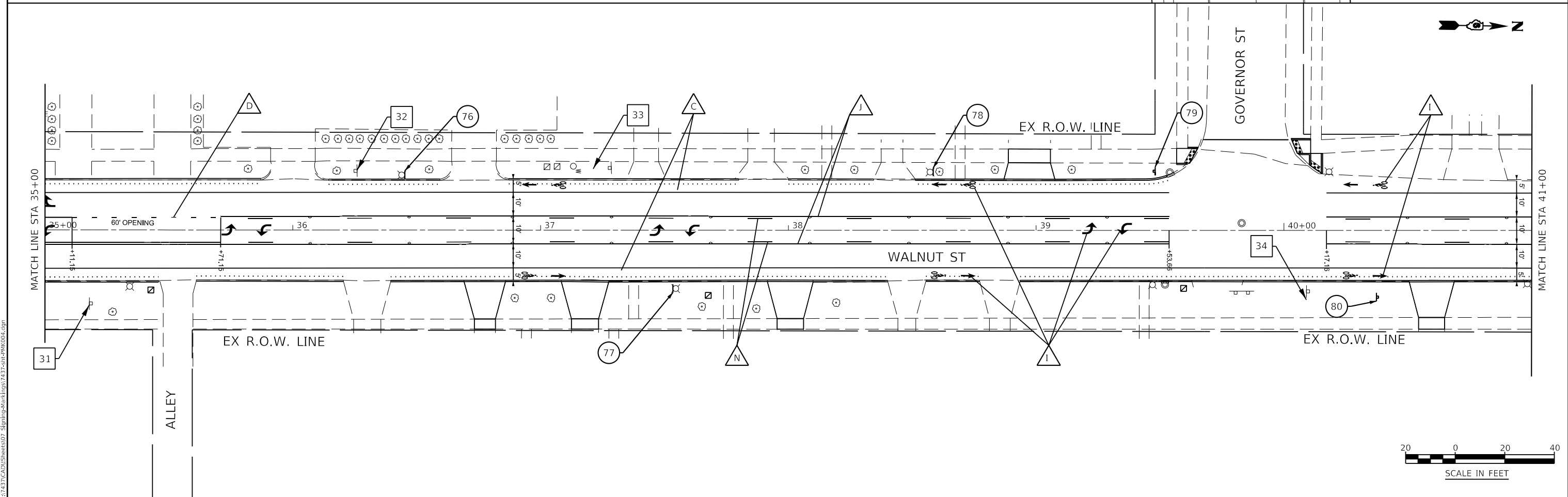
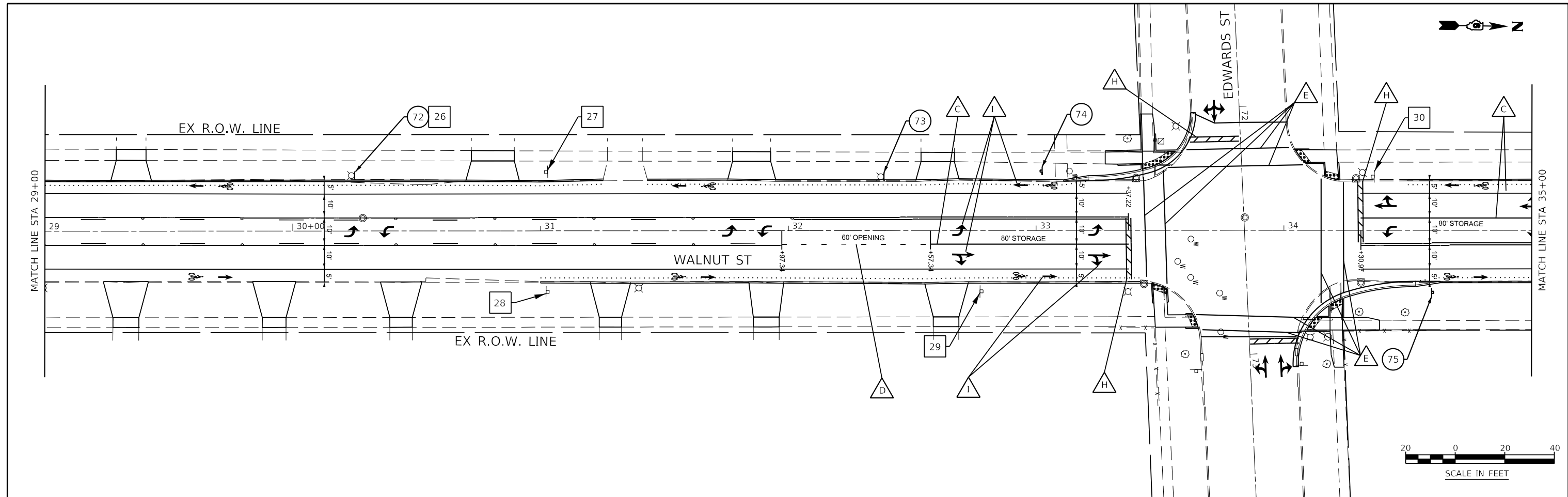
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	CHECKED JSA	REVISED -
PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN
WALNUT STREET**

SCALE: AS SHOWN SHEET NO. 4 OF 7 SHEETS STA. 17+00 TO STA. 29+00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	66
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				



KNIGHT
Engineers & Architects

USER NAME = Jleaf	DESIGNED KES	REVISED -
	DRAWN KES	REVISED -
	CHECKED JSA	REVISED -
PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

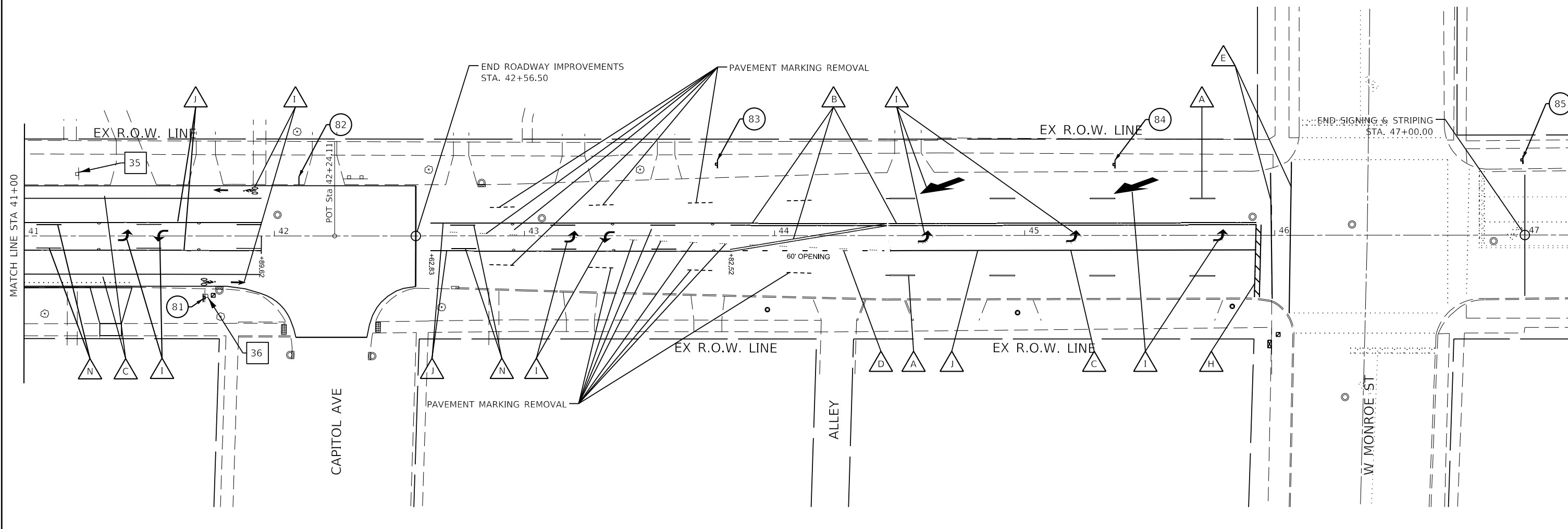
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN
WALNUT STREET**

SCALE: AS SHOWN SHEET NO. 5 OF 7 SHEETS STA. 29+00 TO STA. 41+00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	67
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				

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KNIGHT Engineers & Architects	USER NAME = JLeaf	DESIGNED KES	REVISED -
		DRAWN KES	REVISED -
		CHECKED JSA	REVISED -
	PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

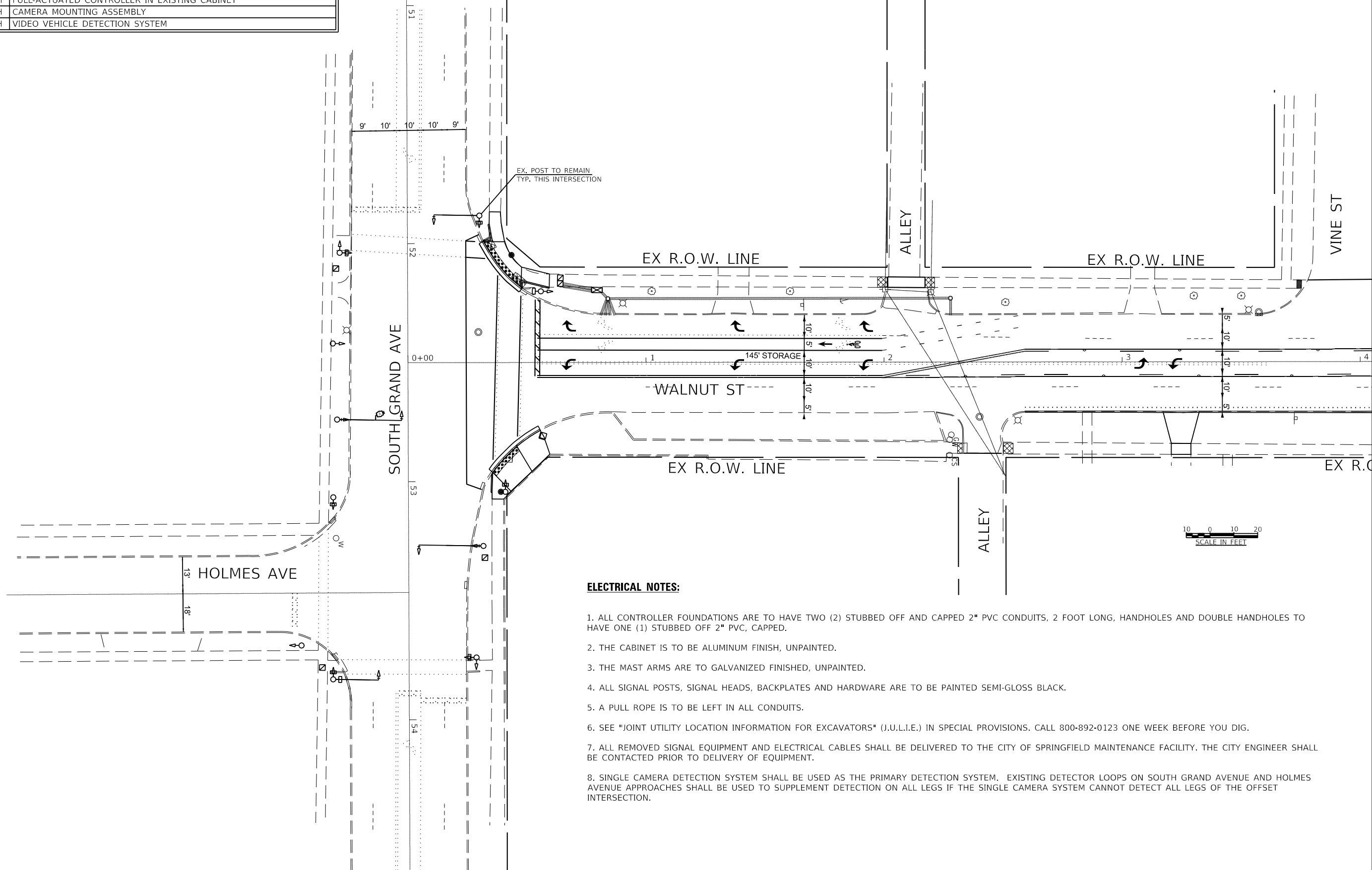
**PAVEMENT MARKING AND SIGNING PLAN
WALNUT STREET**

SCALE: AS SHOWN SHEET NO. 6 OF 7 SHEETS STA. 41+00 TO STA. 47+00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	68
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				

**SCHEDULE OF QUANTITIES
WALNUT ST. AND S. GRAND AVE.**

CODE	QUANTITY	UNIT	ITEM
87301705	250	FOOT	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR
89502210	1	EACH	MODIFY EXISTING CONTROLLER CABINET
X8570215	1	EACH	FULL-ACTUATED CONTROLLER IN EXISTING CABINET
Z0010688	1	EACH	CAMERA MOUNTING ASSEMBLY
Z0033072	1	EACH	VIDEO VEHICLE DETECTION SYSTEM



ELECTRICAL NOTES:

- ALL CONTROLLER FOUNDATIONS ARE TO HAVE TWO (2) STUBBED OFF AND CAPPED 2" PVC CONDUITS, 2 FOOT LONG, HANDHOLES AND DOUBLE HANDHOLES TO HAVE ONE (1) STUBBED OFF 2" PVC, CAPPED.
- THE CABINET IS TO BE ALUMINUM FINISH, UNPAINTED.
- THE MAST ARMS ARE TO GALVANIZED FINISHED, UNPAINTED.
- ALL SIGNAL POSTS, SIGNAL HEADS, BACKPLATES AND HARDWARE ARE TO BE PAINTED SEMI-GLOSS BLACK.
- A PULL ROPE IS TO BE LEFT IN ALL CONDUITS.
- SEE "JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS" (J.U.L.I.E.) IN SPECIAL PROVISIONS. CALL 800-892-0123 ONE WEEK BEFORE YOU DIG.
- ALL REMOVED SIGNAL EQUIPMENT AND ELECTRICAL CABLES SHALL BE DELIVERED TO THE CITY OF SPRINGFIELD MAINTENANCE FACILITY. THE CITY ENGINEER SHALL BE CONTACTED PRIOR TO DELIVERY OF EQUIPMENT.
- SINGLE CAMERA DETECTION SYSTEM SHALL BE USED AS THE PRIMARY DETECTION SYSTEM. EXISTING DETECTOR LOOPS ON SOUTH GRAND AVENUE AND HOLMES AVENUE APPROACHES SHALL BE USED TO SUPPLEMENT DETECTION ON ALL LEGS IF THE SINGLE CAMERA SYSTEM CANNOT DETECT ALL LEGS OF THE OFFSET INTERSECTION.

FILE NAME = Z:\17437CAD\ENR\Sheet08_Traffic_Signal\17437-sh-00-15001.dgn

KNIGHT Engineers & Architects	USER NAME = Jleaf	DESIGNED KES	REVISED -
		DRAWN KES	REVISED -
		CHECKED JSA	REVISED -
	PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

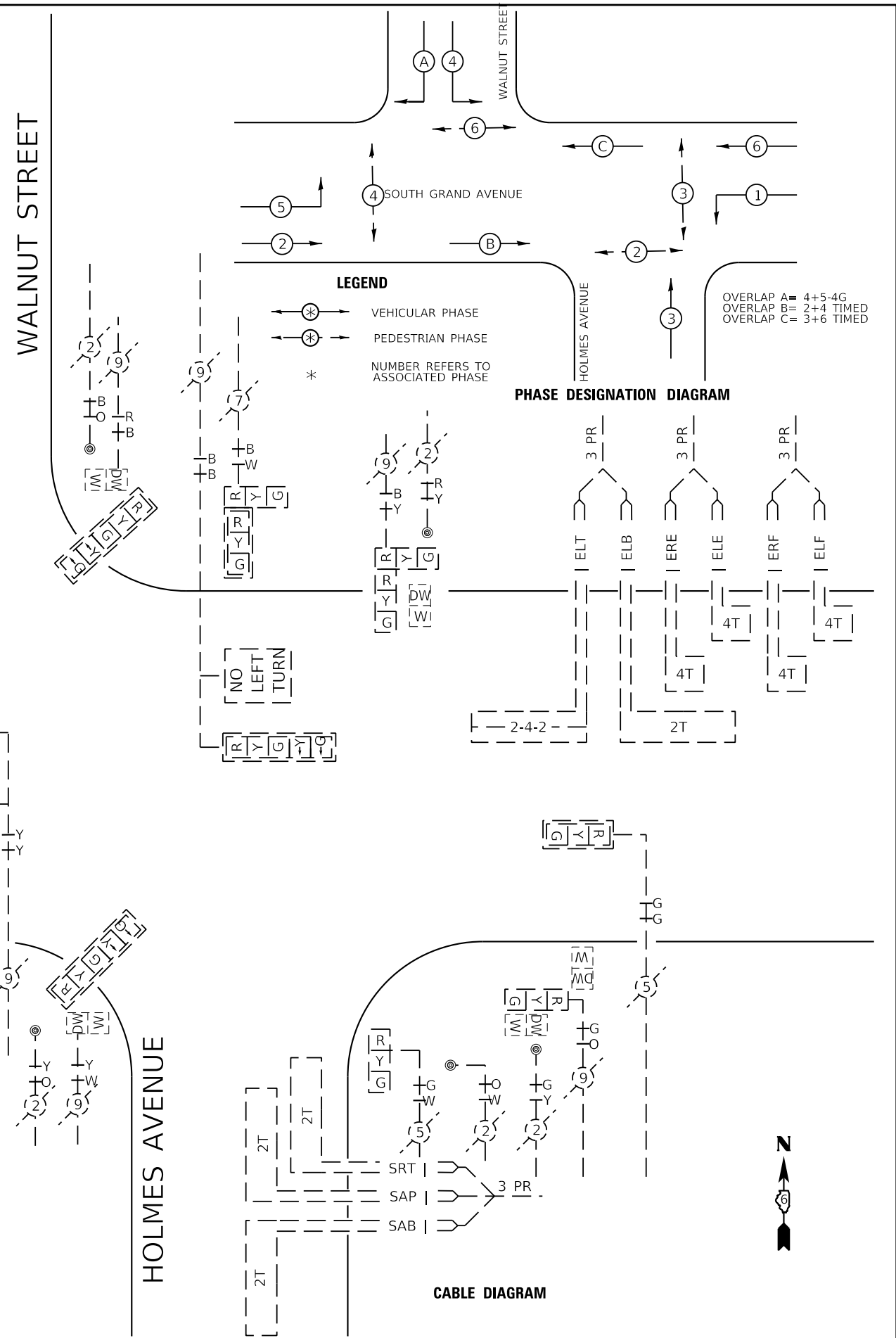
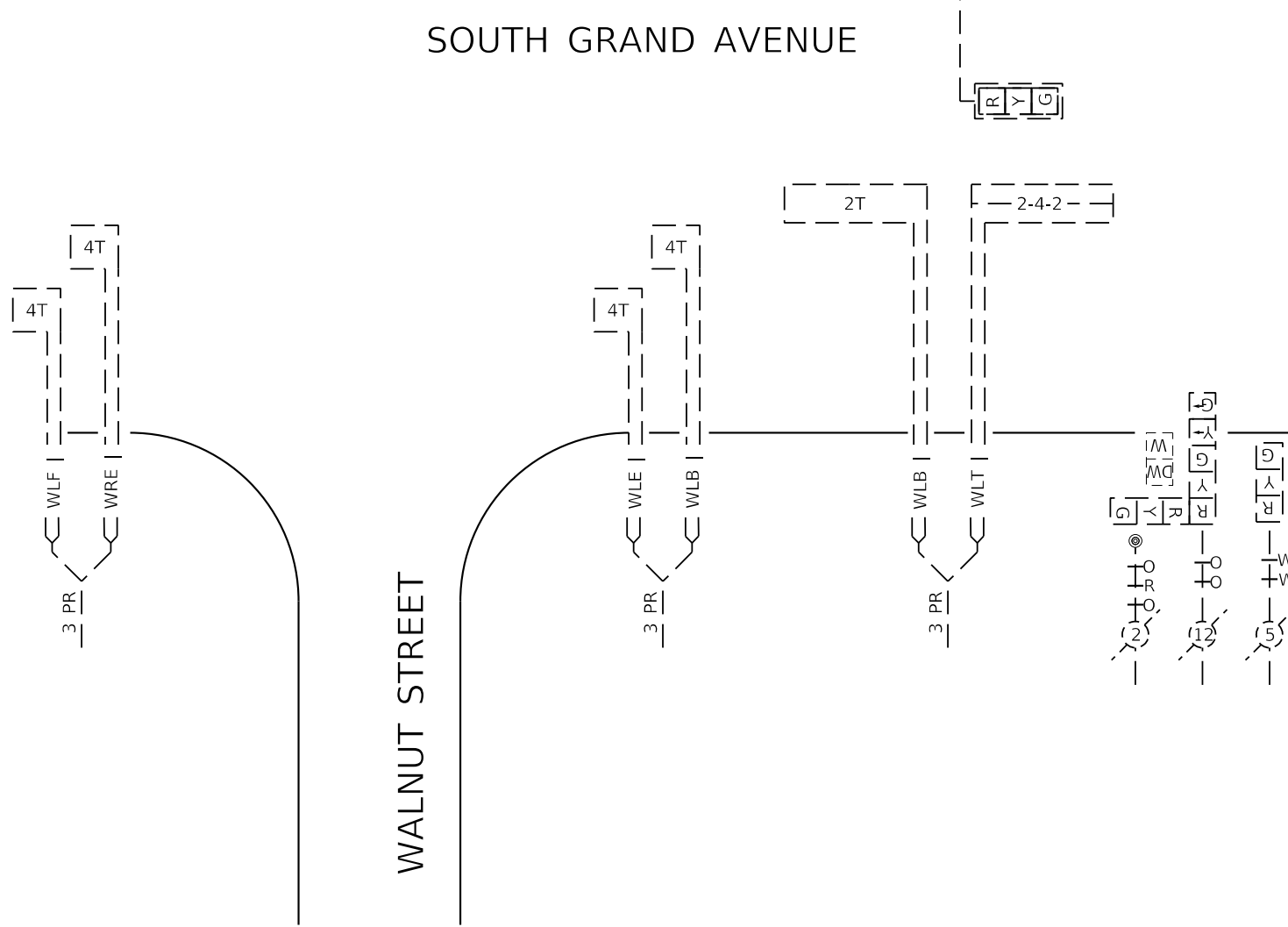
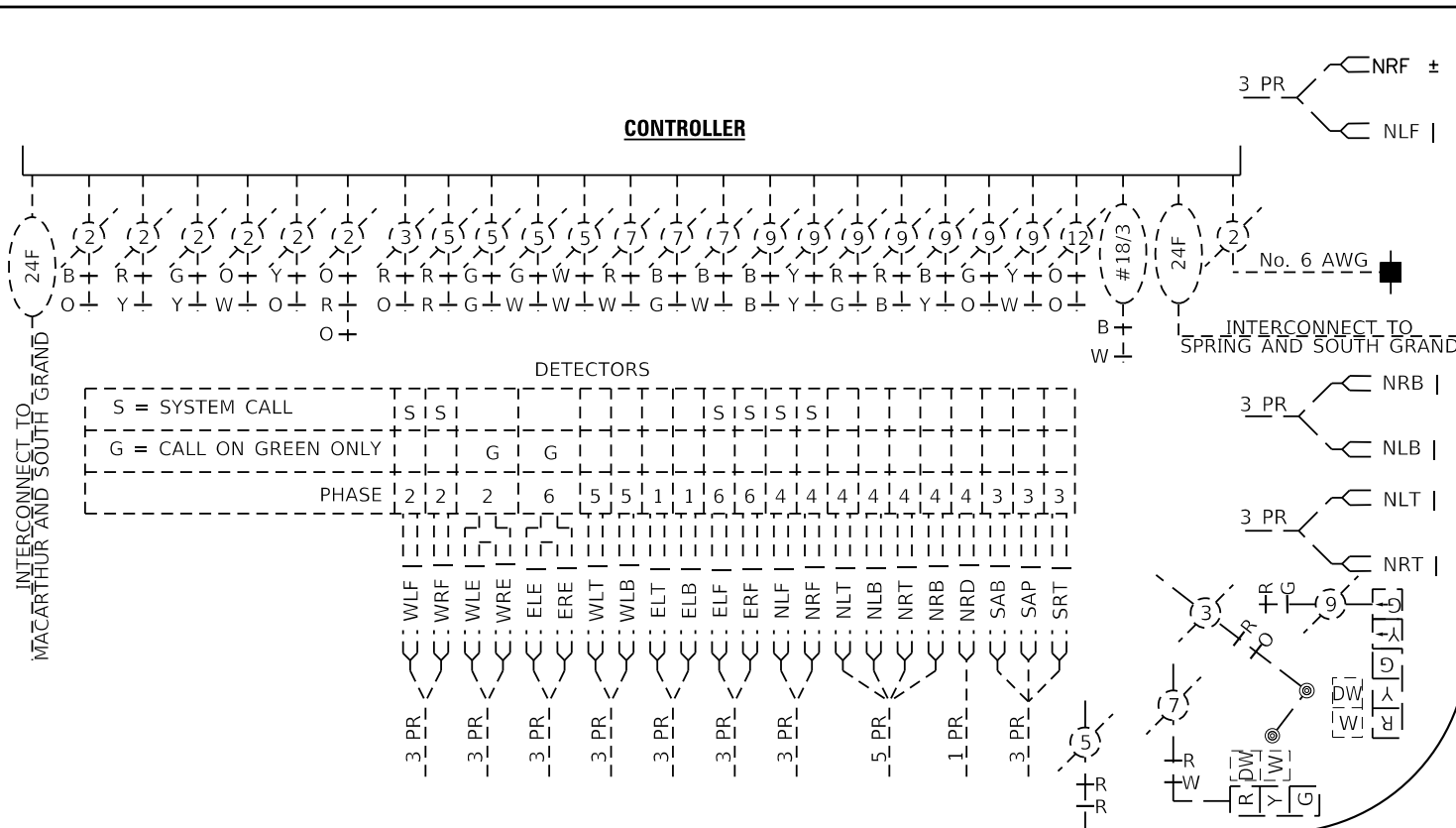
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLAN
WALNUT STREET AND SOUTH GRAND AVENUE**

SCALE: AS SHOWN SHEET NO. 1 OF 14 SHEETS STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	70
				CONTRACT NO. 93749
				ILLINOIS FED. AID PROJECT

FILE NAME = Z:\17437CAD\ENR\Sheet08_Traffic_Signal\17437-sh-002-CD001-SouthGrand.dgn



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Engineers & Architects

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	DRAWN KES	REVISED -
	CHECKED JSA	REVISED -
PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLAN
WALNUT STREET AND SOUTH GRAND AVENUE
CABLE DIAGRAM

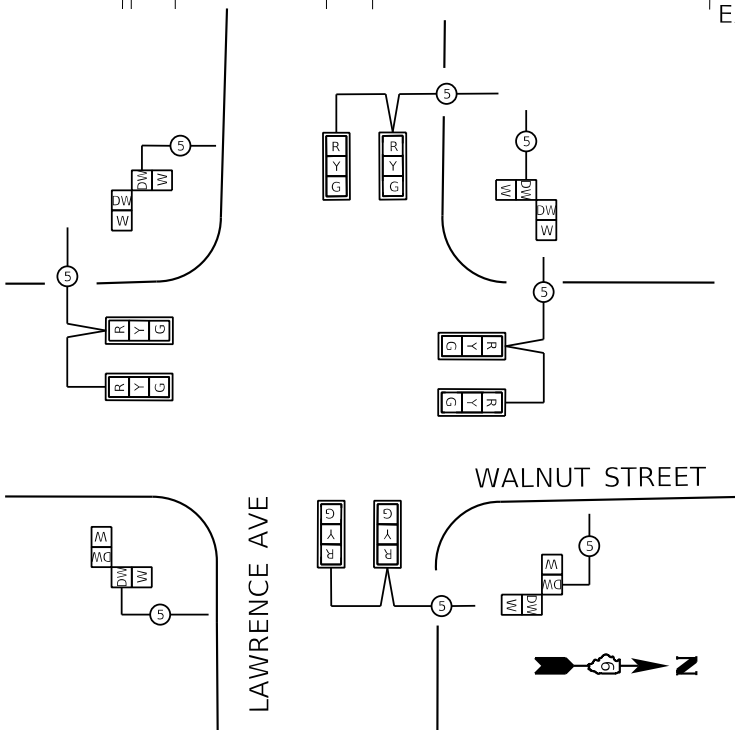
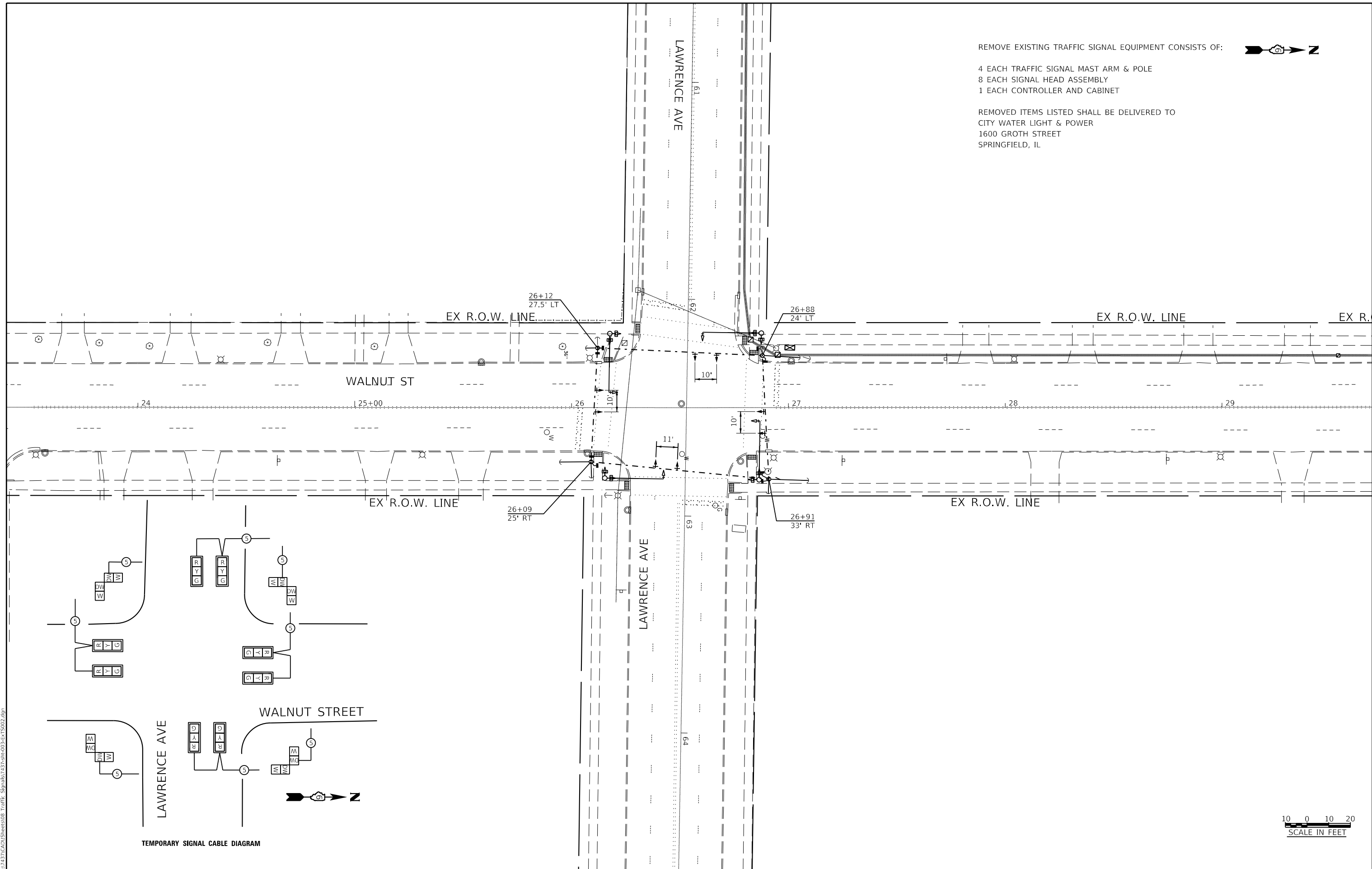
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	71
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				

SCALE: AS SHOWN SHEET NO. 2 OF 14 SHEETS STA. TO STA.

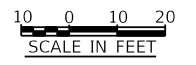
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT CONSISTS OF:

- 4 EACH TRAFFIC SIGNAL MAST ARM & POLE
- 8 EACH SIGNAL HEAD ASSEMBLY
- 1 EACH CONTROLLER AND CABINET

REMOVED ITEMS LISTED SHALL BE DELIVERED TO
CITY WATER LIGHT & POWER
1600 GROTH STREET
SPRINGFIELD, IL



TEMPORARY SIGNAL CABLE DIAGRAM



FILE NAME = Z:\17437\CAD\ENR\Sheet008_Traffic_Signal\17437-sh-003-Ex-TS002.dgn



USER NAME = Jleaf	DESIGNED KES	REVISED -
	DRAWN KES	REVISED -
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PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

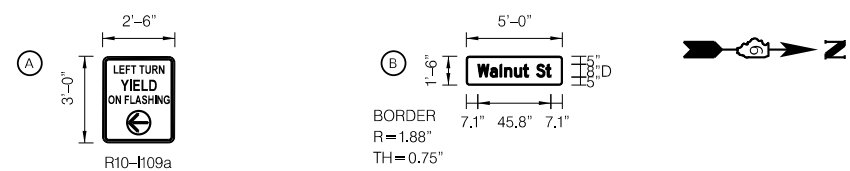
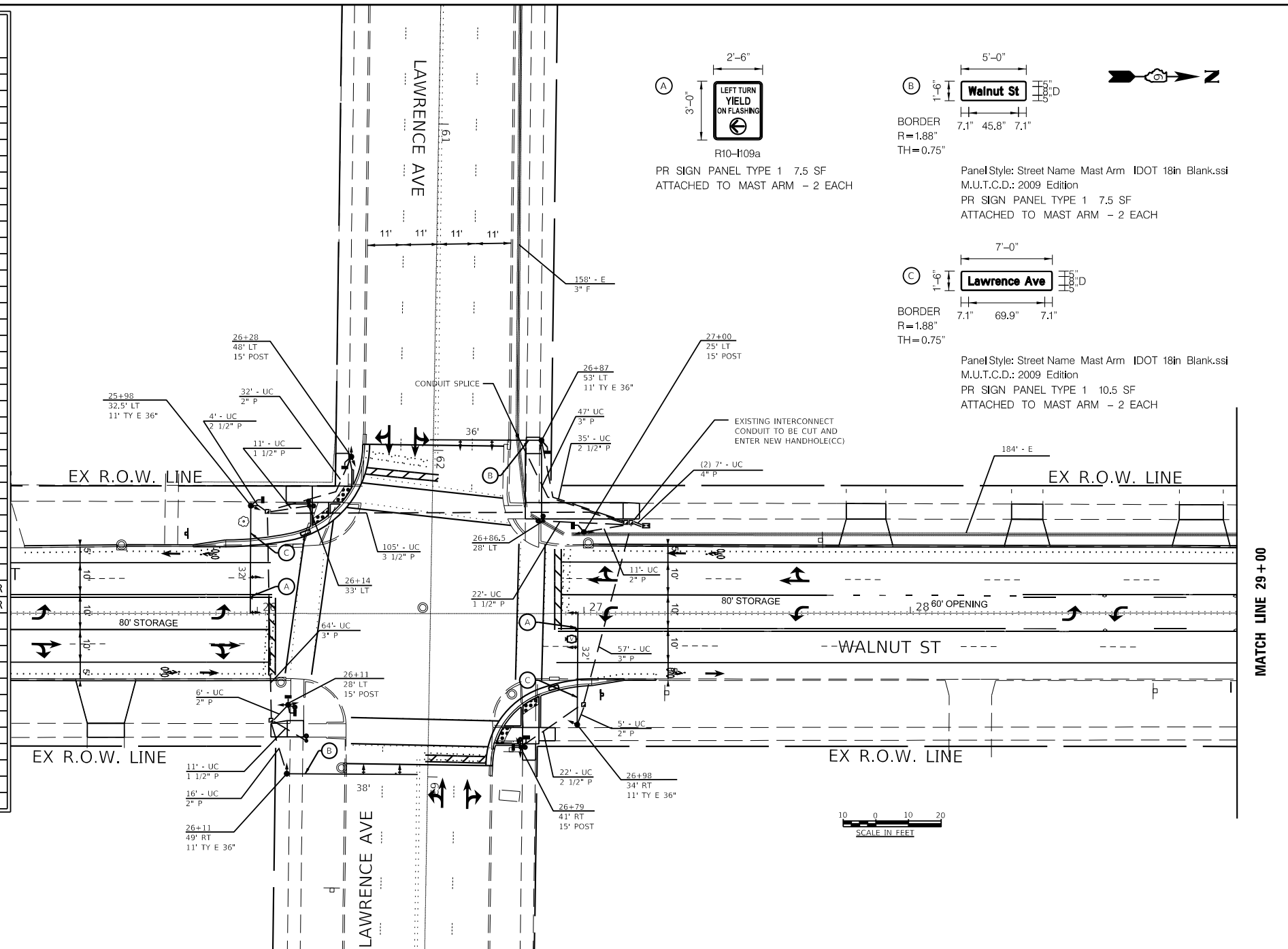
**TRAFFIC SIGNAL PLAN
WALNUT STREET AND LAWRENCE AVENUE
EXISTING WITH TEMPORARY TRAFFIC SIGNALS**

SCALE: AS SHOWN | SHEET NO. 3 OF 14 SHEETS | STA. TO STA.

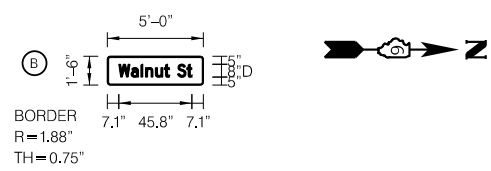
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	72
CONTRACT NO. 93749				
ILLINOIS		FED. AID PROJECT		

**SCHEDULE OF QUANTITIES
WALNUT ST. AND S. LAWRENCE AVE.**

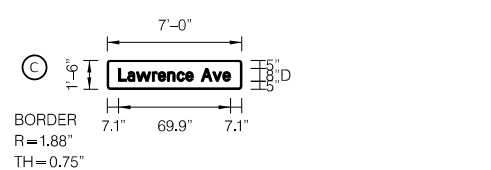
CODE	QUANTITY	UNIT	ITEM
72000100	51	SQ FT	SIGN PANEL, TYPE 1
81028340	44	FOOT	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.
81028350	70	FOOT	UNDERGROUND CONDUIT, PVC, 2"
81028360	62	FOOT	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.
81028370	168	FOOT	UNDERGROUND CONDUIT, PVC, 3"
81028380	105	FOOT	UNDERGROUND CONDUIT, PVC, 3 1/2" DIA.
81028390	14	FOOT	UNDERGROUND CONDUIT, PVC, 4"
81400730	3	EACH	HANDHOLE, COMPOSITE CONCRETE
81400740	1	EACH	DOUBLE HANDHOLE, COMPOSITE CONCRETE
85700200	1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET
87301215	448	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 2C
87301225	379	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 3C
87301245	1795	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C
87301255	237	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C
87301275	606	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 12C
87301705	120	FOOT	ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 18, 3 PAIR
87301805	256	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C
87301900	531	FOOT	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C
87502690	4	EACH	TRAFFIC SIGNAL POST, ALUMINUM, 15 FT.
87600100	3	EACH	PEDESTRIAN PUSH-BUTTON POST, TYPE 1
87700200	2	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.
87700220	1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.
87700230	1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.
87800100	12	FOOT	CONCRETE FOUNDATION, TYPE A
87800200	3.5	FOOT	CONCRETE FOUNDATION, TYPE D
87800415	44	FOOT	CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER
88040070	4	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
88040090	6	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
88040120	2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED
88040230	2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
88040250	2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED
88102825	4	EACH	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED, WITH COUNTDOWN TIMER
88102845	2	EACH	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED, WITH COUNTDOWN TIMER
88200100	8	EACH	TRAFFIC SIGNAL BACKPLATE
89000100	1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
89502300	840	FOOT	REMOVE ELECTIC CABLE FROM CONDUIT
89502375	1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
89502380	5	EACH	REMOVE EXISTING HANDHOLE
89502385	5	EACH	REMOVE EXISTING CONCRETE FOUNDATION
X0326266	1	EACH	ETHERNET SWITCH
X1400007	473	FOOT	FIBER OPTIC CABLE IN CONDUIT, 24 FIBERS, SINGLE MODE
X8100105	1	EACH	CONDUIT SPLICE
X8880010	8	EACH	ADA PEDESTRIAN PUSH-BUTTON
Z0010688	1	EACH	CAMERA MOUNTING ASSEMBLY
Z0033072	1	EACH	VIDEO VEHICLE DETECTION SYSTEM



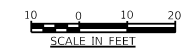
PR SIGN PANEL TYPE 1 7.5 SF
ATTACHED TO MAST ARM - 2 EACH



Panel Style: Street Name Mast Arm IDOT 18in Blank.ssi
M.U.T.C.D.: 2009 Edition
PR SIGN PANEL TYPE 1 7.5 SF
ATTACHED TO MAST ARM - 2 EACH



Panel Style: Street Name Mast Arm IDOT 18in Blank.ssi
M.U.T.C.D.: 2009 Edition
PR SIGN PANEL TYPE 1 10.5 SF
ATTACHED TO MAST ARM - 2 EACH



MATCH LINE 29 + 00

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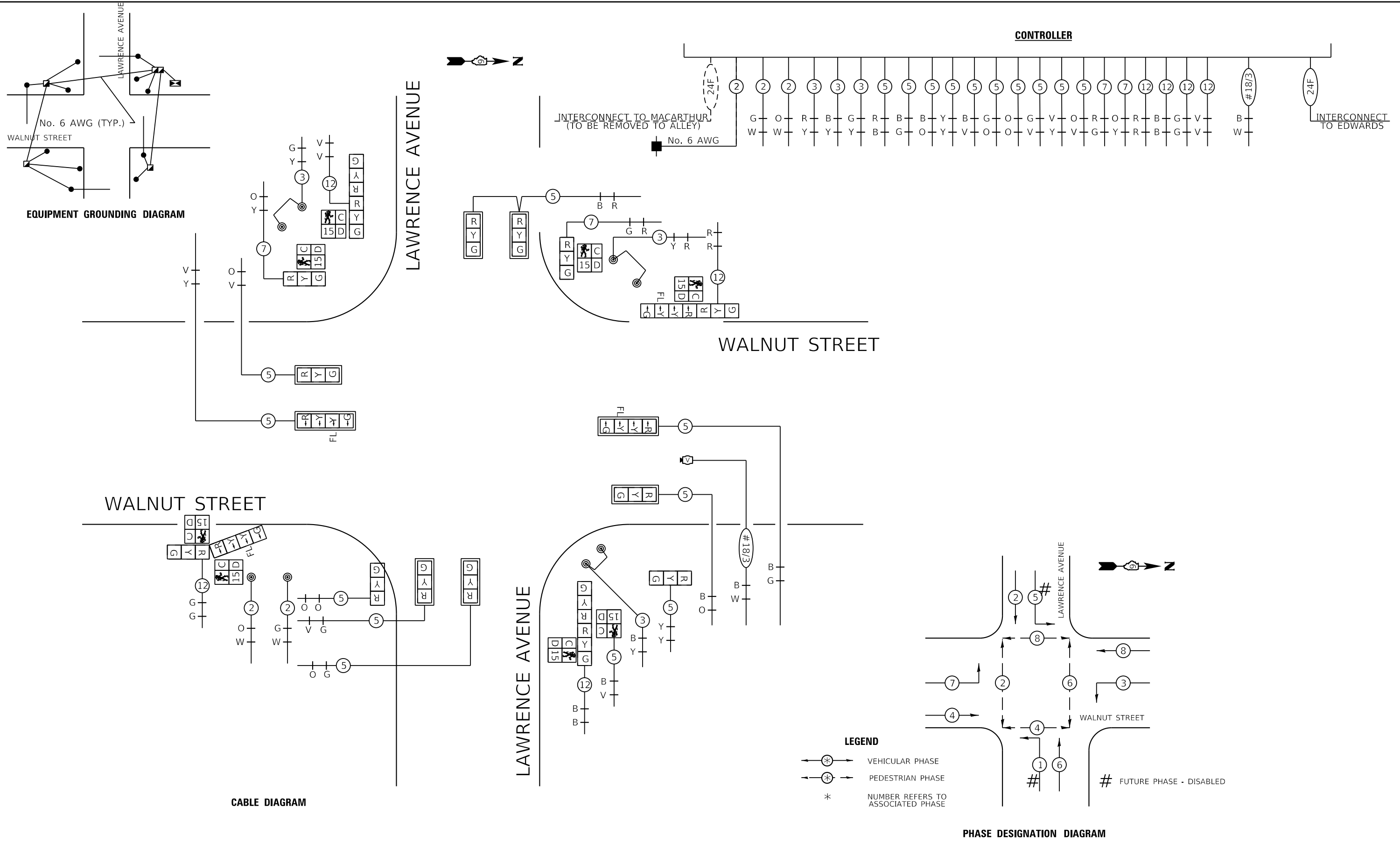
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	DRAWN KES	REVISED -
	CHECKED JSA	REVISED -
PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLAN
WALNUT STREET AND LAWRENCE AVENUE
PROPOSED TRAFFIC SIGNAL PLAN**

SCALE: AS SHOWN SHEET NO. 4 OF 14 SHEETS STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	73
CONTRACT NO. 93749			ILLINOIS FED. AID PROJECT	



FILE NAME = Z:\17437CAD\ENR\Sheet08_Traffic_Signal\17437-sh-005-CDD02-Lawrence.dgn

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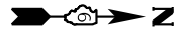
USER NAME = Jleaf	DESIGNED KES	REVISED -
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	CHECKED JSA	REVISED -
PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLAN
WALNUT STREET AND LAWRENCE AVENUE
CABLE DIAGRAM**

SCALE: AS SHOWN SHEET NO. 5 OF 14 SHEETS STA. TO STA.

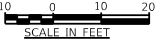
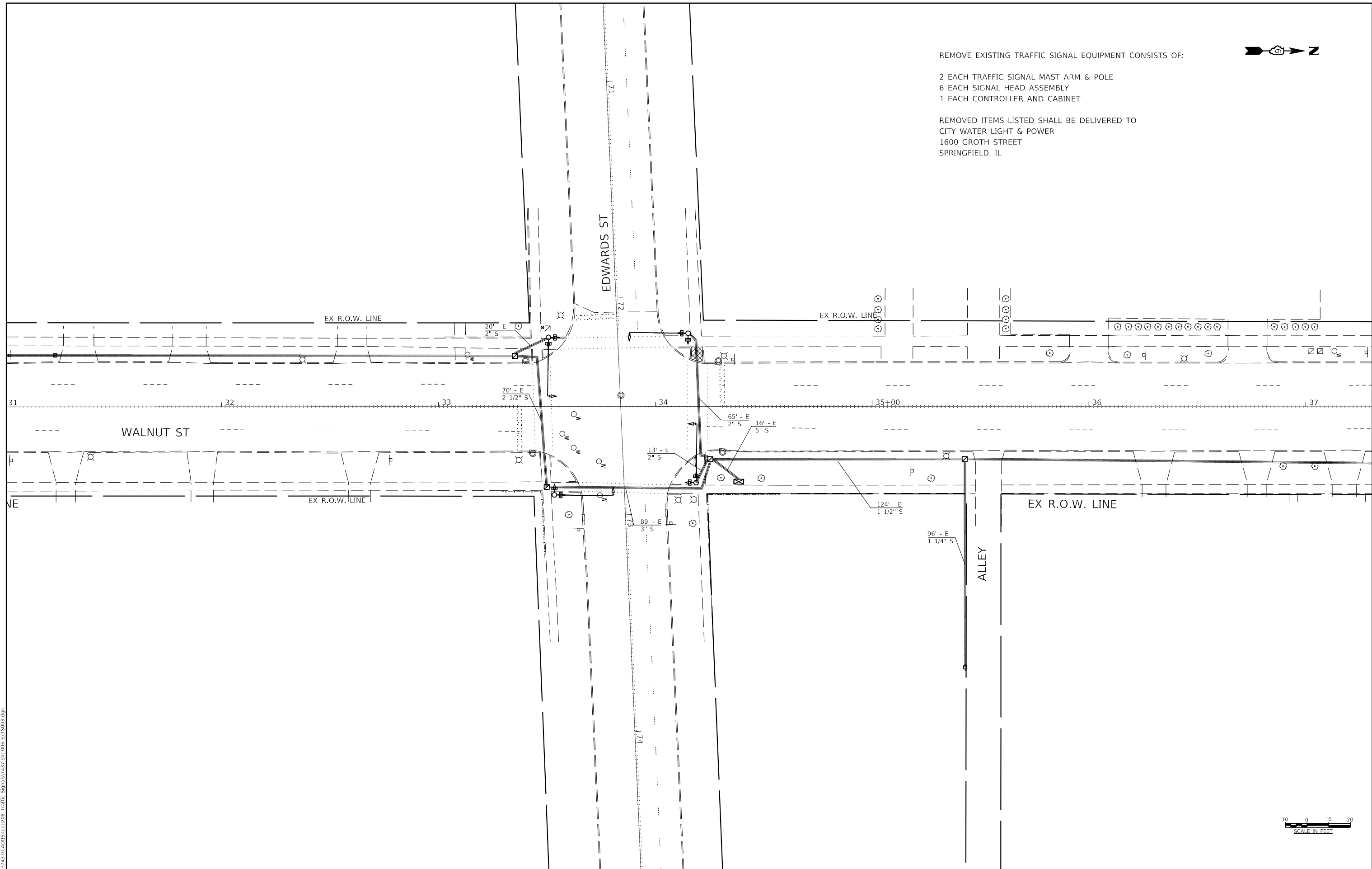
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	74
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				



REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT CONSISTS OF:

- 2 EACH TRAFFIC SIGNAL MAST ARM & POLE
- 6 EACH SIGNAL HEAD ASSEMBLY
- 1 EACH CONTROLLER AND CABINET

REMOVED ITEMS LISTED SHALL BE DELIVERED TO
 CITY WATER LIGHT & POWER
 1600 GROTH STREET
 SPRINGFIELD, IL



FILE NAME = Z:\17437\CAD\ENR\Sheet08_Traffic_Signal\17437-sh-006-Ex-TS003.dwg

KNIGHT Engineers & Architects	USER NAME = Jleaf	DESIGNED KES	REVISED -
		DRAWN KES	REVISED -
		CHECKED JSA	REVISED -
	PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

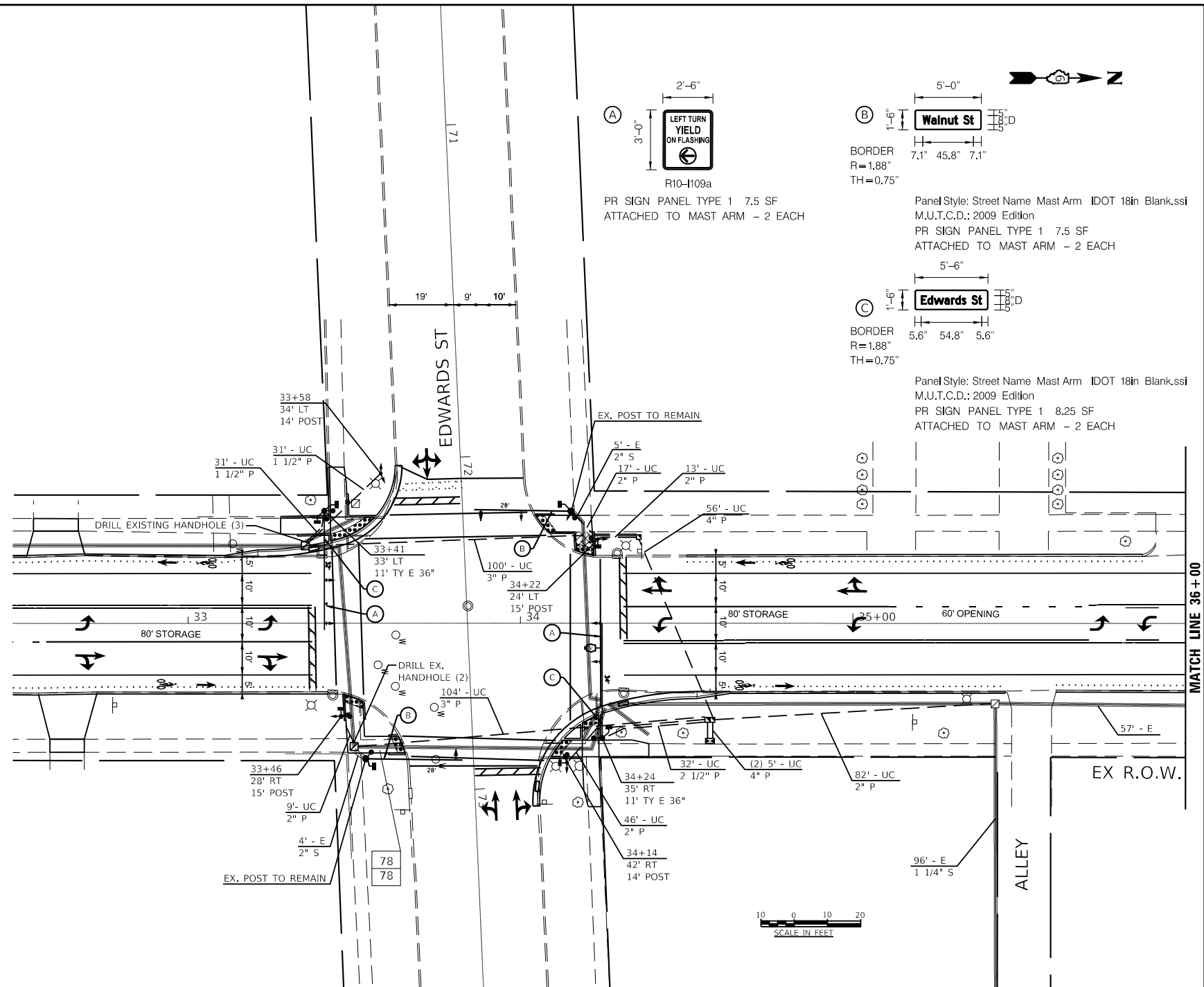
**TRAFFIC SIGNAL PLAN
 WALNUT STREET AND EDWARDS STREET
 EXISTING WITH TEMPORARY TRAFFIC SIGNALS**

SCALE: AS SHOWN | SHEET NO. 6 OF 14 SHEETS | STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-SP	SANGAMON	82	75
				CONTRACT NO. 93749
		ILLINOIS	FED. AID PROJECT	

**SCHEDULE OF QUANTITIES
WALNUT AND EDWARDS ST.**

CODE	QUANTITY	UNIT	ITEM
72000100	46.5	SQ FT	SIGN PANEL, TYPE 1
81028340	31	FOOT	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.
81028350	85	FOOT	UNDERGROUND CONDUIT, PVC, 2"
81028360	43	FOOT	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.
81028370	204	FOOT	UNDERGROUND CONDUIT, PVC, 3"
81028390	66	FOOT	UNDERGROUND CONDUIT, PVC, 4"
81400730	1	EACH	HANDHOLE, COMPOSITE CONCRETE
81400740	1	EACH	DOUBLE HANDHOLE, COMPOSITE CONCRETE
85700200	1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET
87301215	652	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 2C
87301225	212	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 3C
87301245	1005	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C
87301255	590	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C
87301265	309	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 9C
87301275	280	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 12C
87301705	220	FOOT	ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 18, 3 PAIR
87301900	534	FOOT	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C
87502690	4	EACH	TRAFFIC SIGNAL POST, ALUMINUM, 15 FT.
87700200	1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.
87700210	1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.
87800100	12	FOOT	CONCRETE FOUNDATION, TYPE A
87800200	3.5	FOOT	CONCRETE FOUNDATION, TYPE D
87800415	22	FOOT	CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER
87900200	5	EACH	DRILL EXISTING HANDHOLE
88040070	4	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
88040090	4	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
88040120	2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED
88040230	2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
88040250	2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED
88102825	6	EACH	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED, WITH COUNTDOWN TIMER
88102845	1	EACH	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED, WITH COUNTDOWN TIMER
88200100	6	EACH	TRAFFIC SIGNAL BACKPLATE
89502300	489	FOOT	REMOVE ELECTIC CABLE FROM CONDUIT
89502350	280	FOOT	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT
89502375	1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
89502380	2	EACH	REMOVE EXISTING HANDHOLE
89502385	3	EACH	REMOVE EXISTING CONCRETE FOUNDATION
X0326266	1	EACH	ETHERNET SWITCH
X1400007	427	FOOT	FIBER OPTIC CABLE IN CONDUIT, 24 FIBERS, SINGLE MODE
X1400012	150	FOOT	REMOVE AND REINSTALL FIBER OPTIC CABLE IN CONDUIT
X8880010	8	EACH	ADA PEDESTRIAN PUSH-BUTTON
Z0010688	1	EACH	CAMERA MOUNTING ASSEMBLY
Z0033072	1	EACH	VIDEO VEHICLE DETECTION SYSTEM



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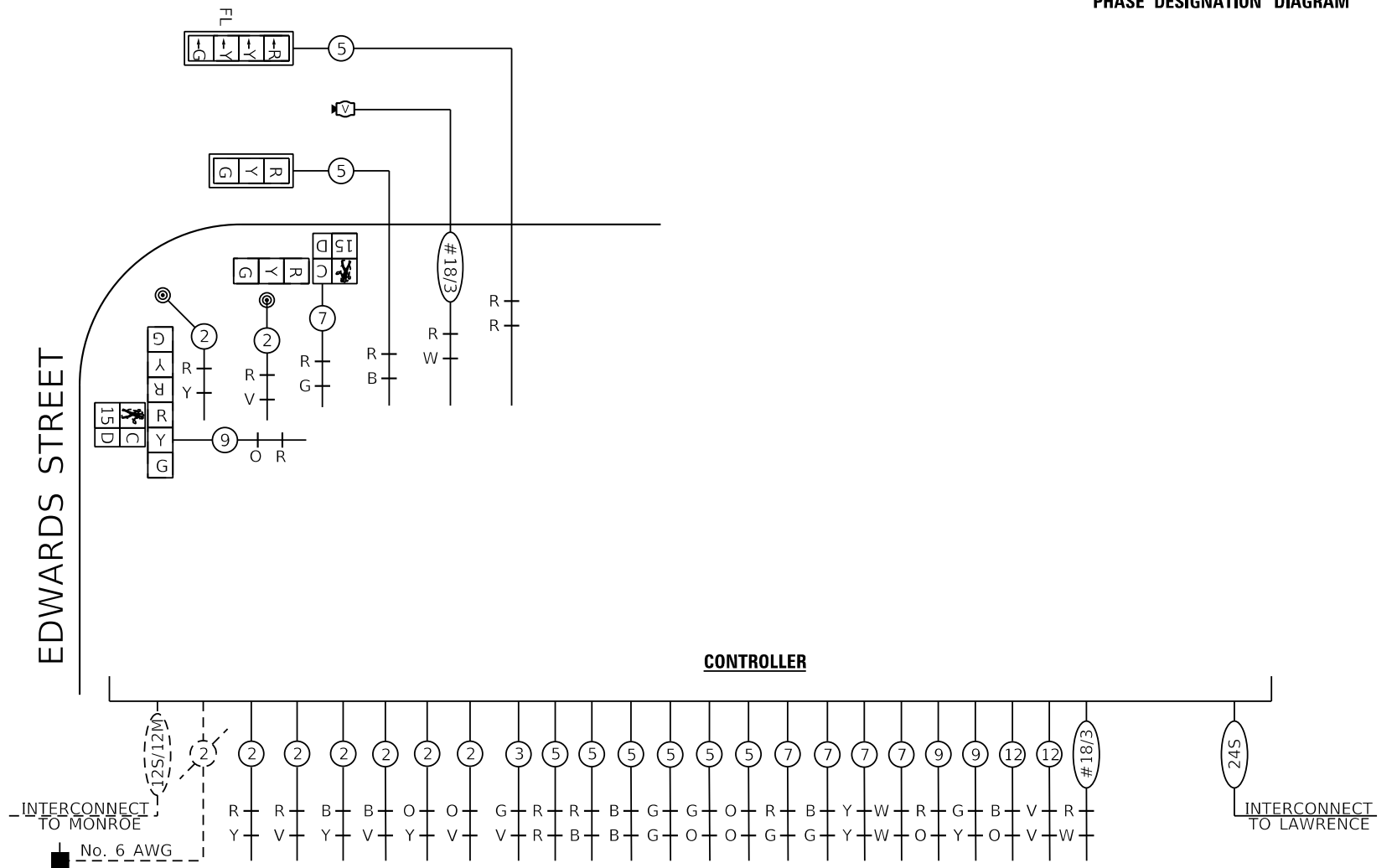
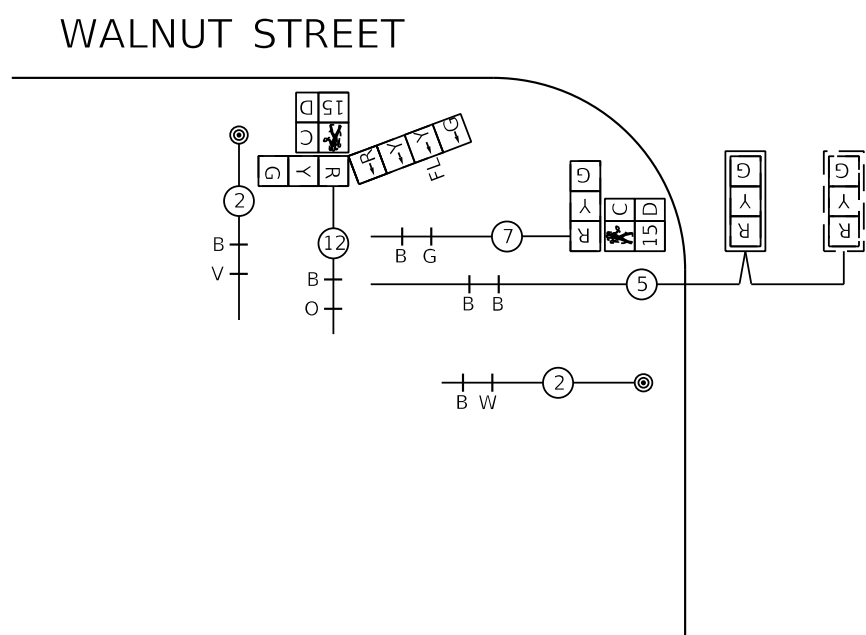
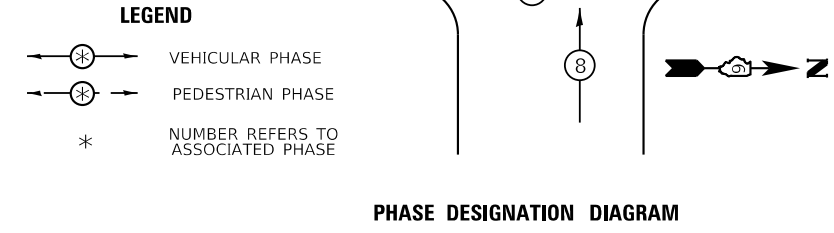
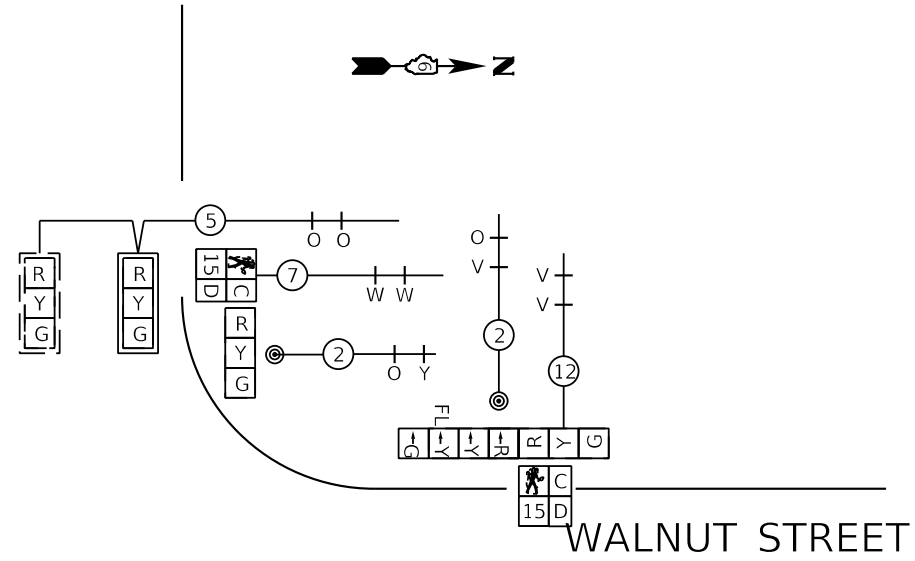
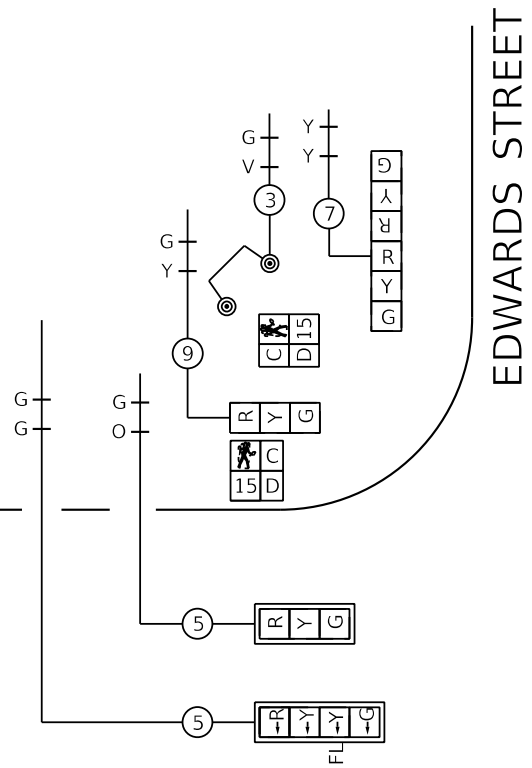
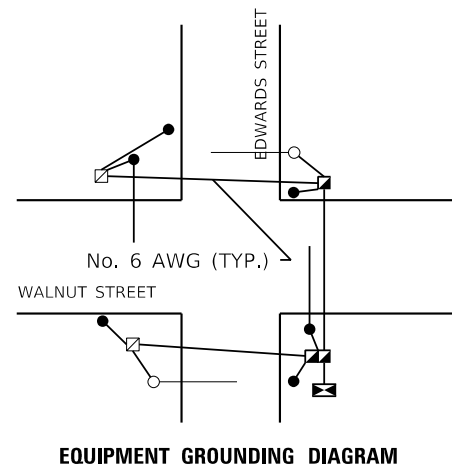
KNIGHT Engineers & Architects	USER NAME = JLeaf	DESIGNED KES	REVISED -
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	PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLAN
WALNUT STREET AND EDWARDS STREET
PROPOSED TRAFFIC SIGNAL PLAN**

SCALE: AS SHOWN SHEET NO. 7 OF 14 SHEETS STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	76
			CONTRACT NO. 93749	
		ILLINOIS	FED. AID PROJECT	



NOTE: EXISTING CABLES TO BE PULLED BACK TO HANDHOLE AT ALLEY AND INSTALLED IN NEW CONDUIT TO NEW CONTROLLER. FIBER OPTIC CABLE SHALL BE RETERMINATED USING THE SINGLE MODE FIBERS (6 TERMINATED).

FILE NAME = Z:\17437\CAD\ENR\008_Traffic_Signal\17437-sh-008-0003-Edwards.dgn

KNIGHT
Engineers & Architects

USER NAME = Jleaf	DESIGNED KES	REVISED -
	DRAWN KES	REVISED -
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PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

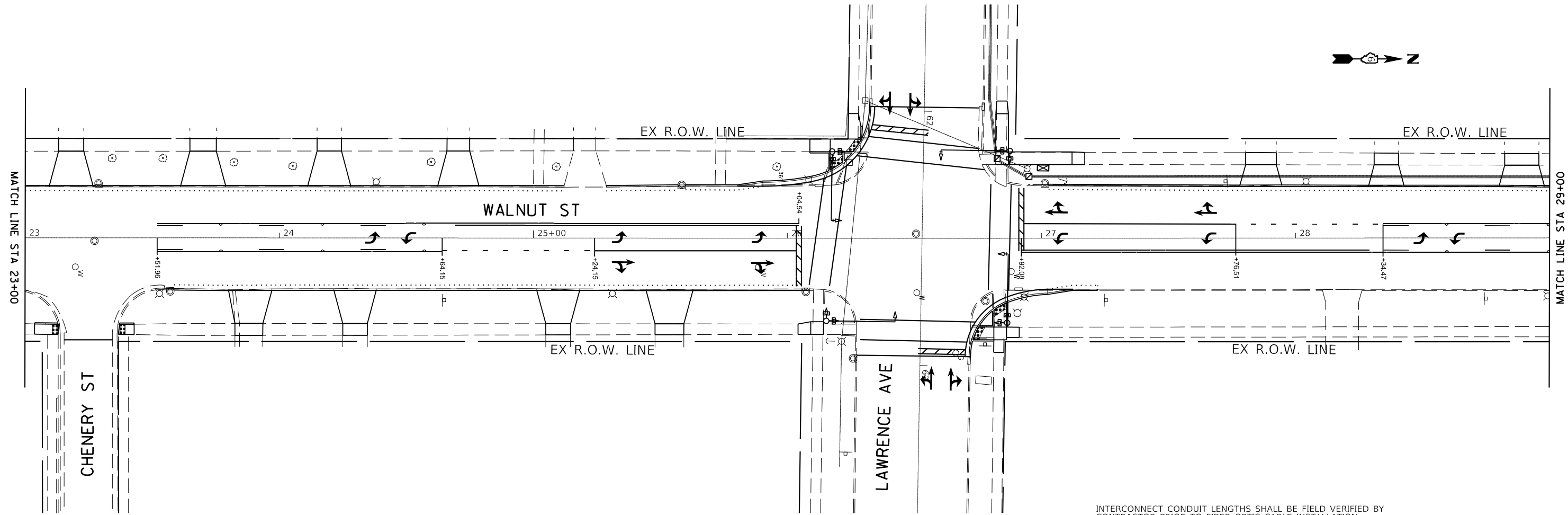
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLAN
WALNUT STREET AND EDWARDS STREET
CABLE DIAGRAM

SCALE: AS SHOWN SHEET NO. 8 OF 14 SHEETS STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	77
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				

FILE NAME = Z:\17437\CAD\ENR\Sheet08_Traffic_Signal\17437-sh-009-TSinterconnect.dgn



INTERCONNECT CONDUIT LENGTHS SHALL BE FIELD VERIFIED BY CONTRACTOR PRIOR TO FIBER OPTIC CABLE INSTALLATION



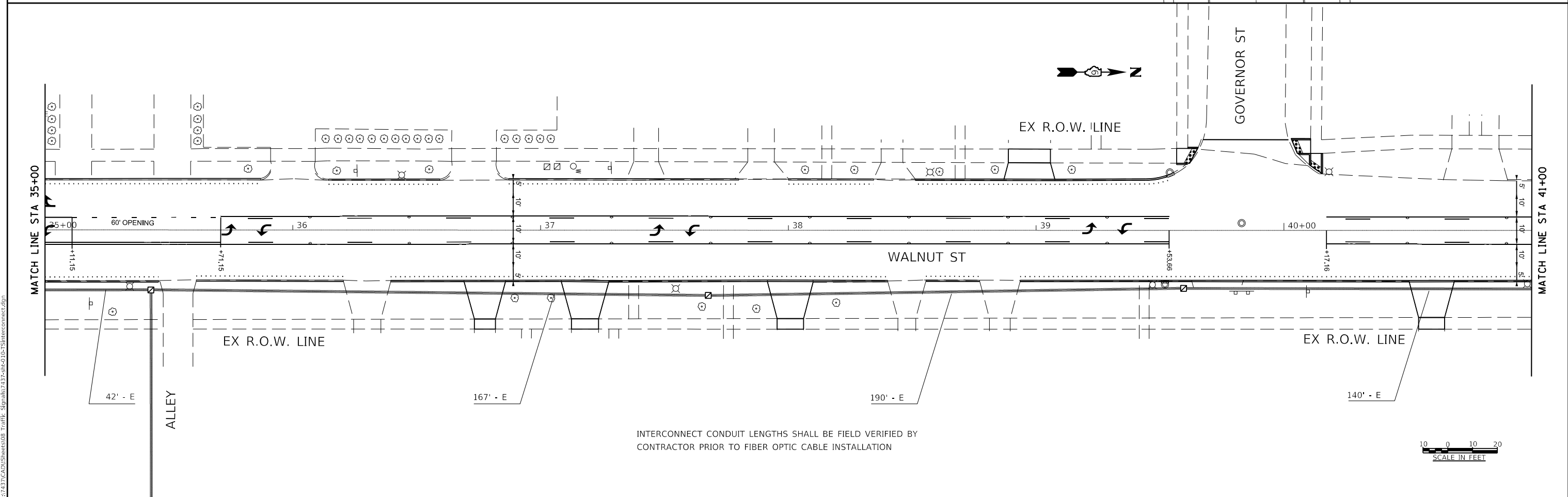
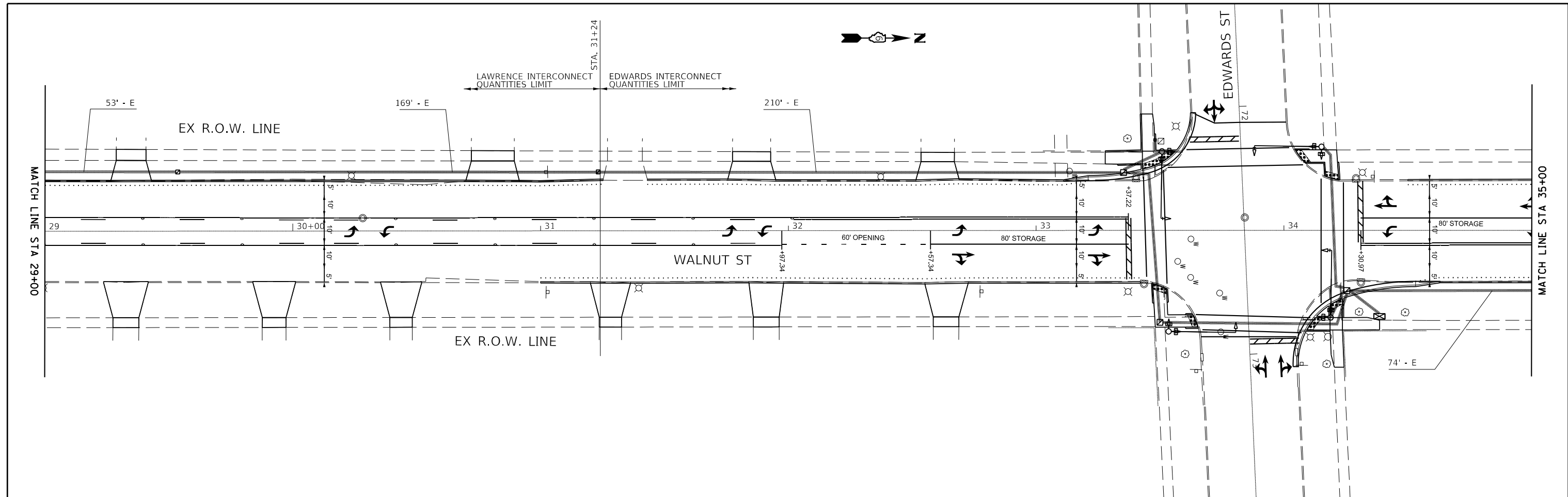
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PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

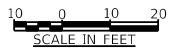
**TRAFFIC SIGNAL PLAN
WALNUT STREET – LAWRENCE TO MONROE
INTERCONNECT PLAN**

SCALE: AS SHOWN SHEET NO. 9 OF 14 SHEETS STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	78
CONTRACT NO. 93749			ILLINOIS FED. AID PROJECT	



INTERCONNECT CONDUIT LENGTHS SHALL BE FIELD VERIFIED BY CONTRACTOR PRIOR TO FIBER OPTIC CABLE INSTALLATION



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KNIGHT
Engineers & Architects

USER NAME = Jleaf	DESIGNED KES	REVISED -
	DRAWN KES	REVISED -
	CHECKED JSA	REVISED -
PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLAN
WALNUT STREET - LAWRENCE TO MONROE
INTERCONNECT PLAN

SCALE: AS SHOWN SHEET NO. 10 OF 14 SHEETS STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	79
CONTRACT NO. 93749			ILLINOIS FED. AID PROJECT	

QUANTITIES FOR TRAFFIC SIGNAL INTERCONNECT AT MONROE AND WALNUT CONSISTS OF:

- 1 EACH MODIFY EXISTING CONTROLLER CABINET
- 1 EACH FULL-ACTUATED CONTROLLER IN EXISTING CABINET
- 1 EACH ETHERNET SWITCH
- 1 EACH REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

REMOVED ITEMS LISTED SHALL BE DELIVERED TO
CITY WATER LIGHT & POWER
1600 GROTH STREET
SPRINGFIELD, IL

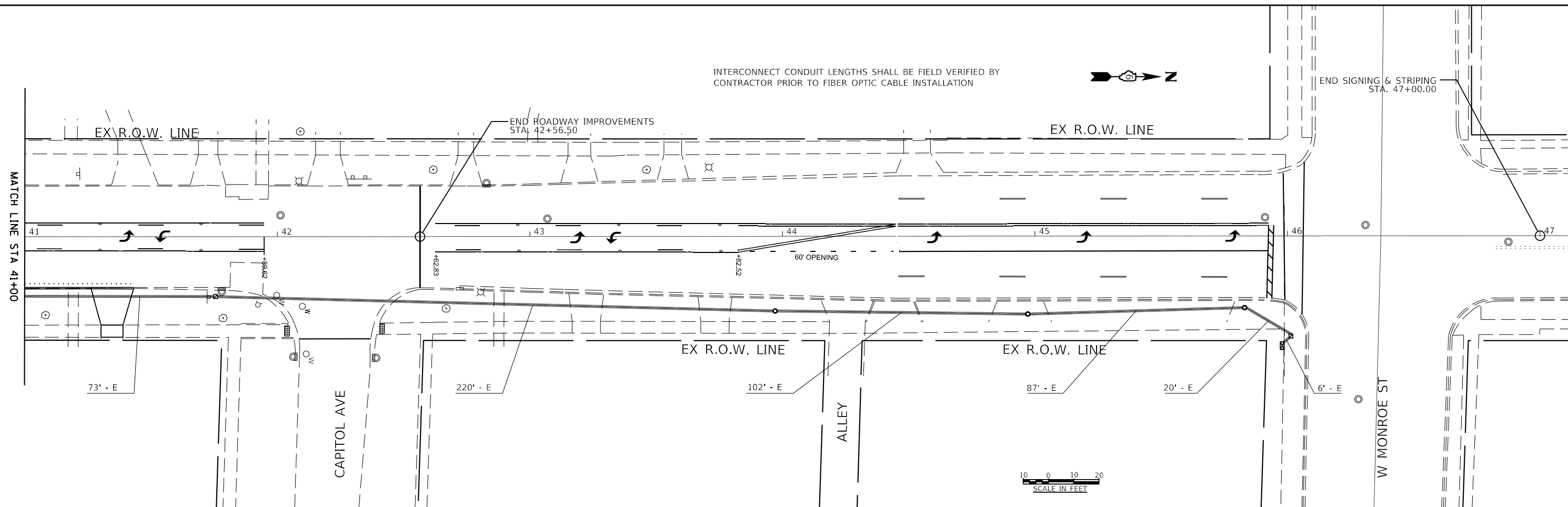
WALNUT AND MONROE NOTES:

1. THIS WORK PAID FOR AS MODIFY EXISTING CONTROLLER CABINET, ATMS CONTROLLER AND ETHERNET SWITCH. REPLACE EXISTING CONTROLLER WITH ATMS CONTROLLER COMPATIBLE WITH CITY ATMS SYSTEM.
2. REMOVE EXISTING IFS MODEM AND STAR MODEM WITH ATMS COMPATIBLE ETHERNET SWITCH.
3. TERMINATE SINGLE MODE FIBERS ON EXISTING 125M/12MM CABLES FROM MONROE & COLLEGE AND TO WALNUT & WASHINGTON AND WALNUT & EDWARDS. CONNECT AND PLACE INTO OPERATION.
4. TERMINATE AND CONNECT SINGLE MODE FIBERS AT MONROE & COLLEGE FEEDING WALNUT STREET.

INTERCONNECT CONDUIT LENGTHS SHALL BE FIELD VERIFIED BY CONTRACTOR PRIOR TO FIBER OPTIC CABLE INSTALLATION



END SIGNING & STRIPING
STA. 47+00.00



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KNIGHT
Engineers & Architects

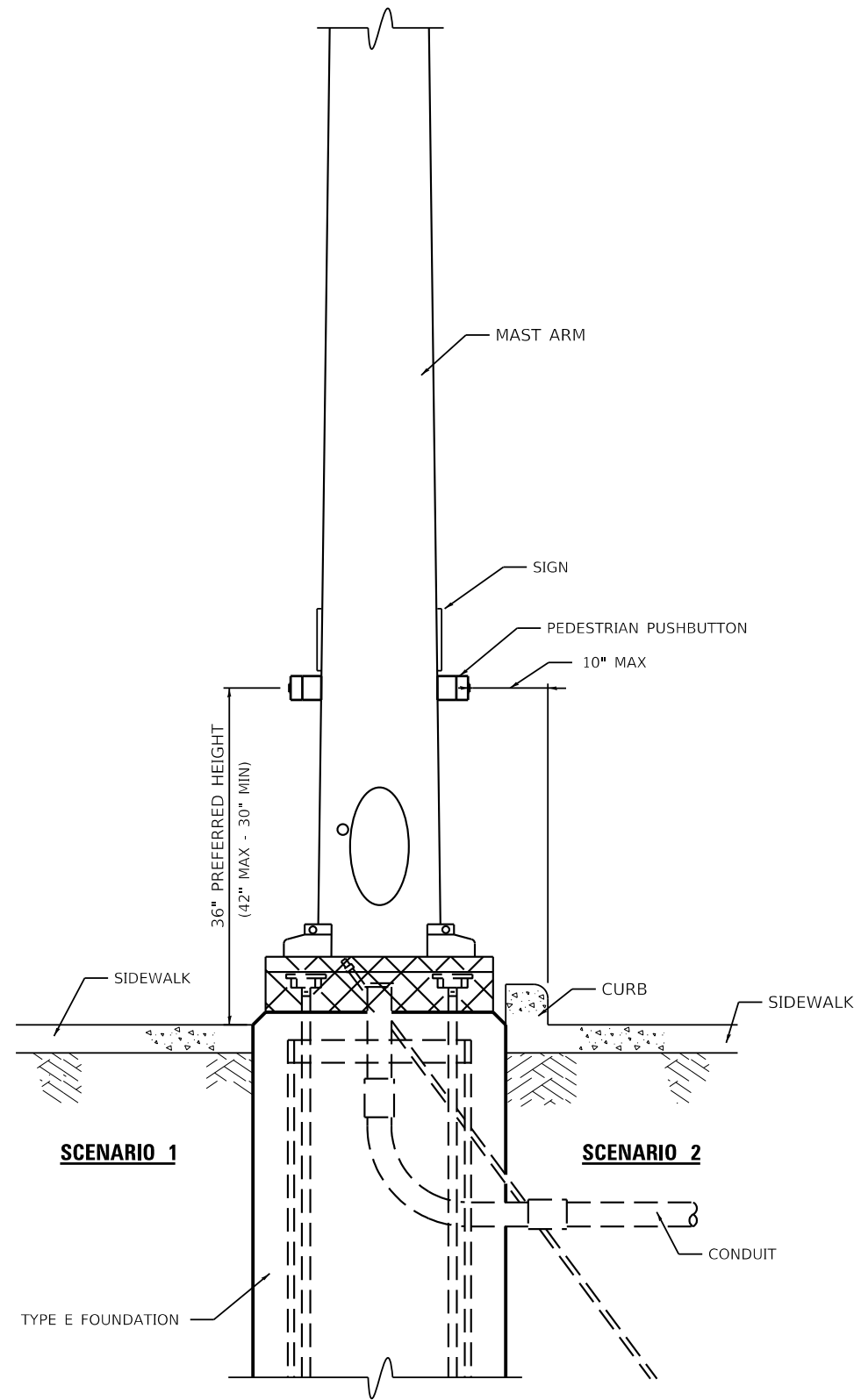
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	DRAWN KES	REVISED -
	CHECKED JSA	REVISED -
PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLAN
WALNUT STREET – LAWRENCE TO MONROE
INTERCONNECT PLAN**

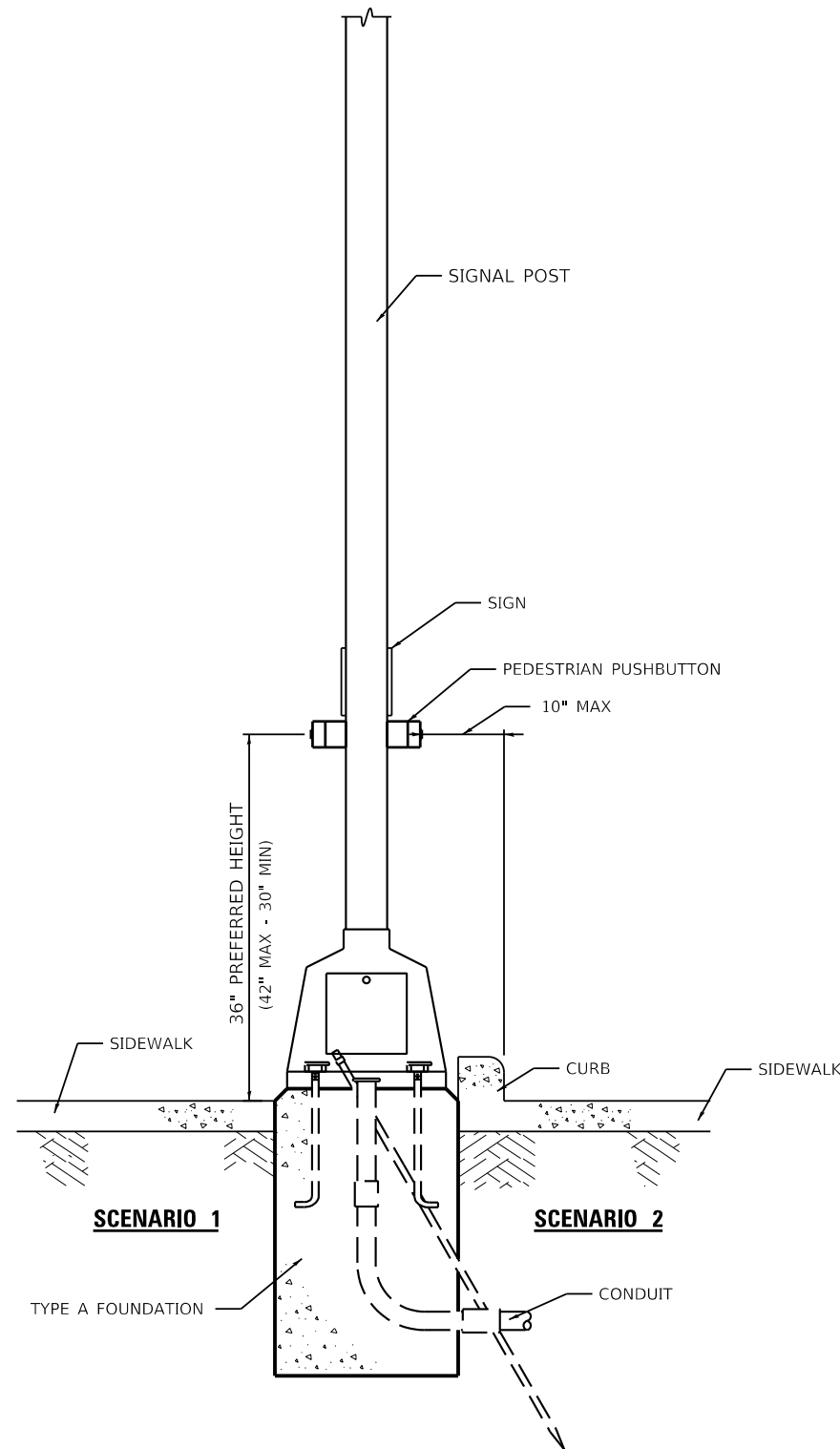
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F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	80
CONTRACT NO. 93749				
ILLINOIS FED. AID PROJECT				



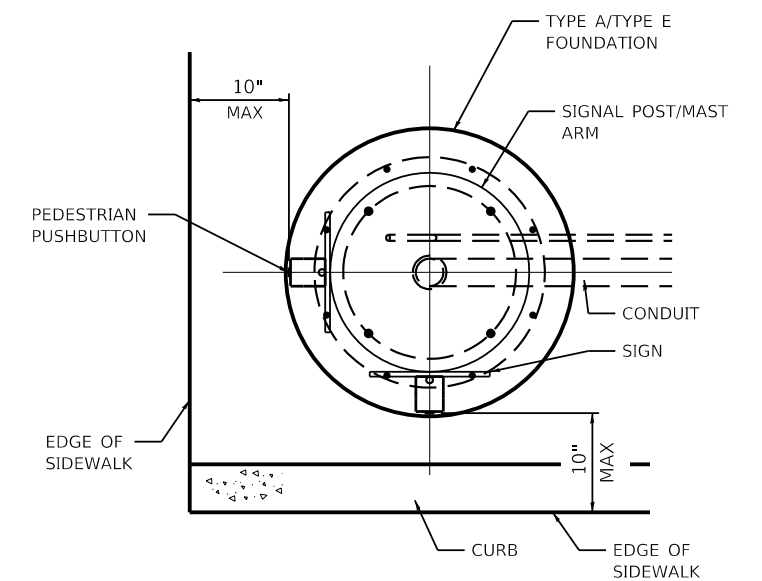
**PEDESTRIAN PUSHBUTTON INSTALLATION,
MAST ARM**

* 36" PREFERRED



**PEDESTRIAN PUSHBUTTON INSTALLATION,
SIGNAL POST**

- GENERAL NOTES**
1. PREFERRED MOUNTING HEIGHT OF THE PUSHBUTTON SHALL BE APPROXIMATELY 3 FEET. THE HEIGHT SHALL BE MAXIMUM OF 3.5 FEET AND MINIMUM OF 2.5 FEET ABOVE SIDEWALK.
 2. REACH OF THE PUSHBUTTON SHALL BE A MAXIMUM OF 10 INCHES FROM THE SIDEWALK LANDING AREA.
 3. PUSHBUTTON SHALL BE UNOBSTRUCTED AND ADJACENT TO ALL-WEATHER SURFACE TO PROVIDE ACCESS FROM A WHEELCHAIR.
 4. IN ANY CASE THE 10 INCH MAXIMUM DISTANCE IS NOT ACHIEVED, MODULAR EXTENSION BRACKETS SHALL BE INSTALLED. THE COST AND LABOR OF INSTALLING EXTENSION BRACKET SHALL BE INCLUDED IN THE COST OF PEDESTRIAN PUSHBUTTON.
 5. THE PUSHBUTTON FACE SHOULD BE PARALLEL TO THE CROSSWALK IT CONTROLS.



**PEDESTRIAN PUSHBUTTON INSTALLATION,
TOP VIEW**

NOT TO SCALE

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800-PedPButton.DGN



USER NAME = Jleaf	DESIGNED DMS	REVISED - DMS 8.15.2018
	DRAWN DMS	REVISED -
	CHECKED	REVISED -
PLOT DATE = 7/13/2020	DATE 8.15.2018	REVISED -

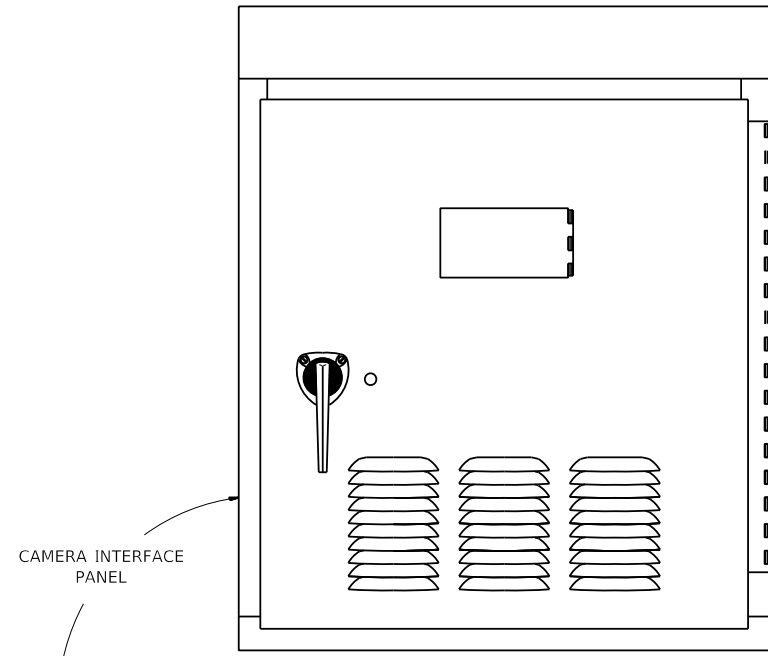
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLAN
DISTRICT SIX
PEDESTRIAN PUSHBUTTON INSTALLATION DETAIL**

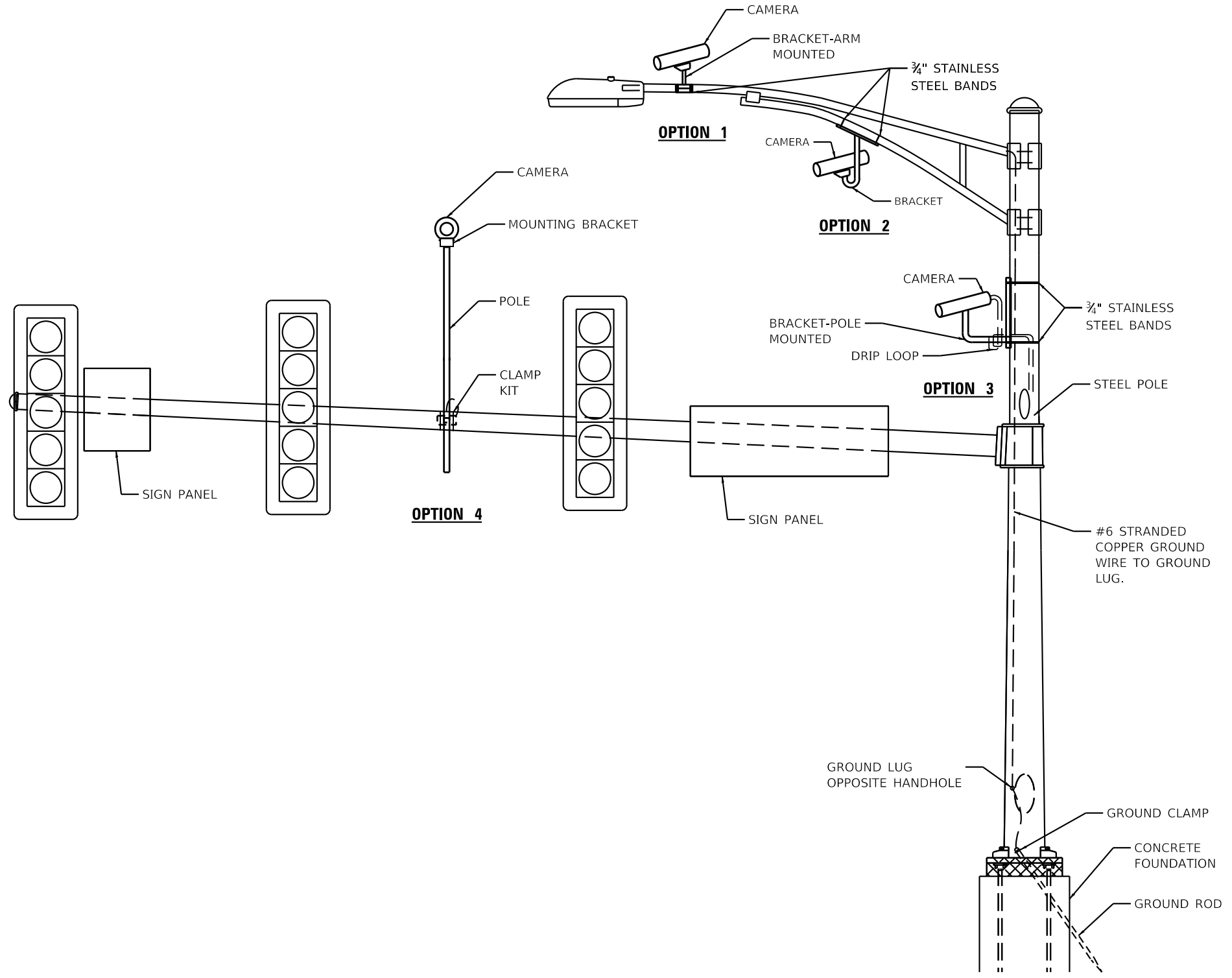
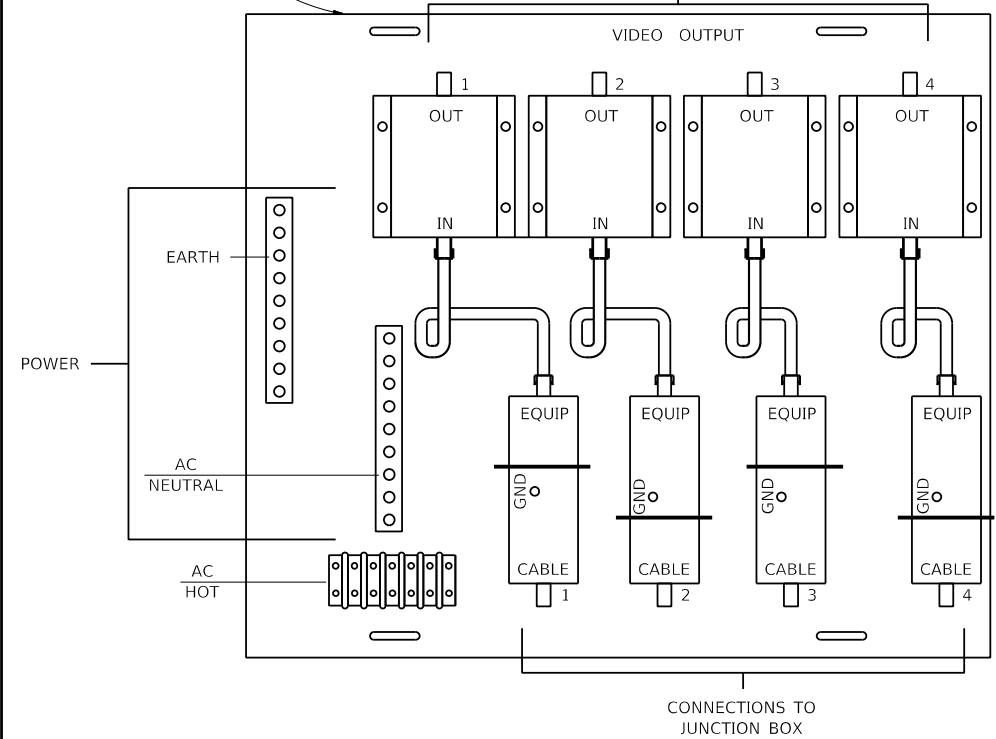
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F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-5P	SANGAMON	82	81
CONTRACT NO. 93749				

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TO VIDEO DETECTION PROCESSOR



**VIDEO DETECTION SYSTEM INSTALLATION
ARM MOUNTED, MAST-ARM MOUNTED, OR POLE MOUNTED**

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800-VCAMERA.DGN



USER NAME = JLeaf	DESIGNED KES	REVISED -
	DRAWN KES	REVISED -
	CHECKED JSA	REVISED -
PLOT DATE = 7/13/2020	DATE 06/19/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLAN
VIDEO DETECTION SYSTEM INSTALLATION DETAIL**

SCALE: AS SHOWN SHEET NO. 13 OF 14 SHEETS STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8014	17-00484-00-SP	SANGAMON	82	82
			CONTRACT NO. 93749	
ILLINOIS FED. AID PROJECT				