

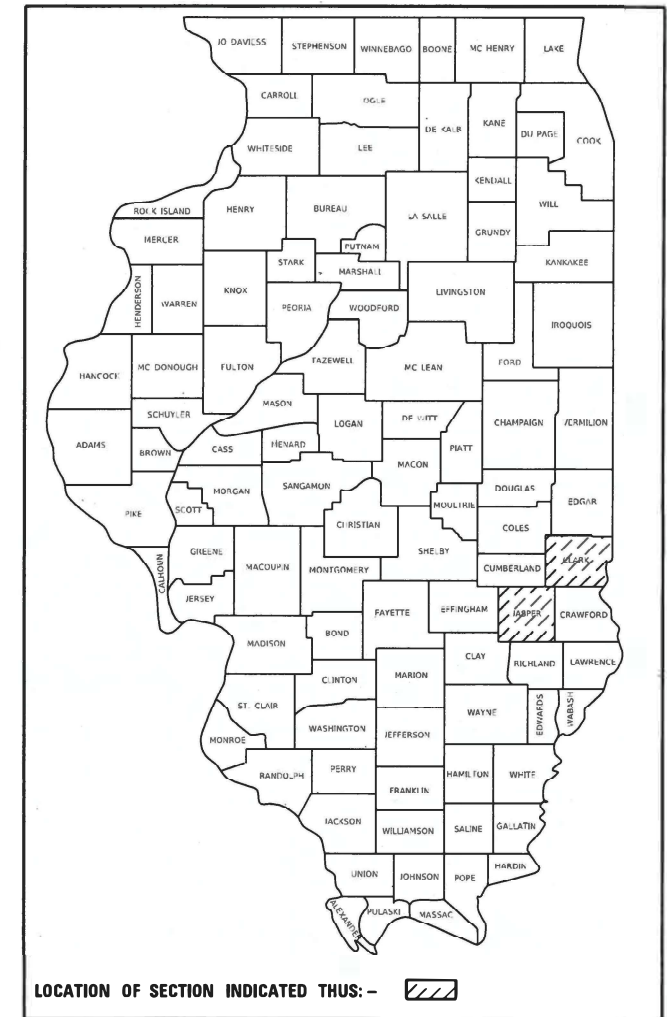
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR		VARIOUS	6	1
FED. AID PROJECT	CUZK(158)	ILLINOIS	CONTRACT NO. 74D15	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

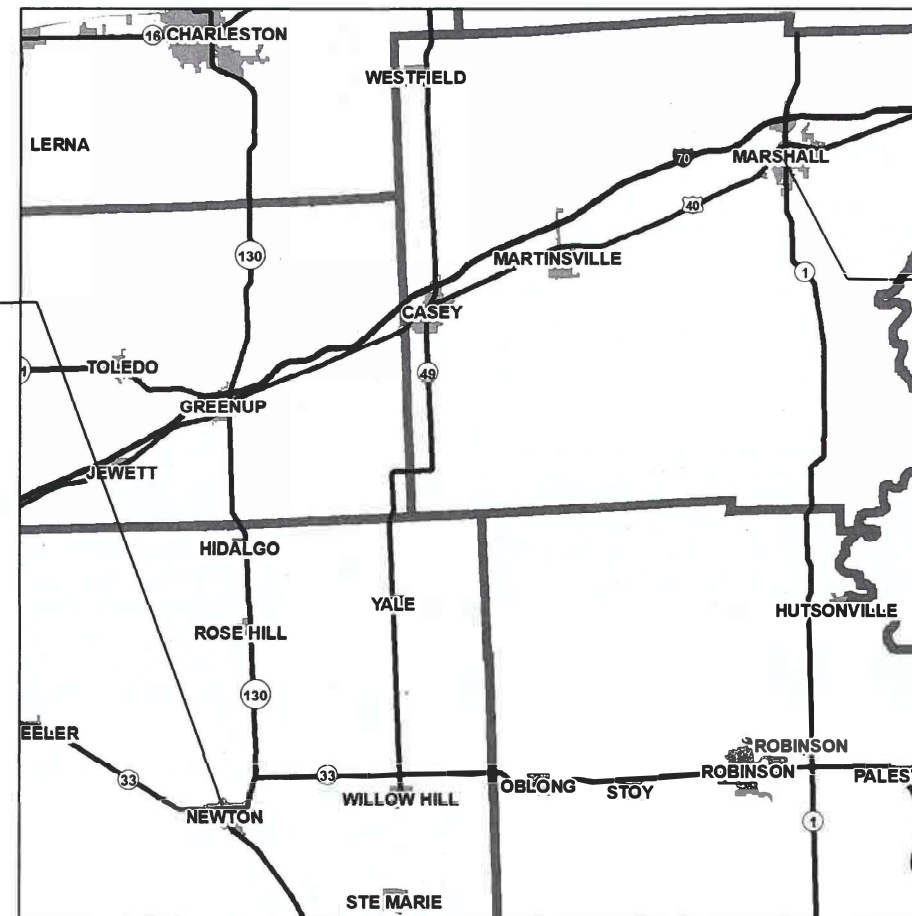
PROPOSED HIGHWAY PLANS

FAP ROUTES 332, 95, 116 (IL 1, IL 33, IL 13)
SECTION D7 SIGNAL MODERNIZATION 2024-1
PROJECT HSIP-CUZK(158)
PEDESTRIAN SIGNAL MODERNIZATION
CLARK AND JASPER COUNTIES

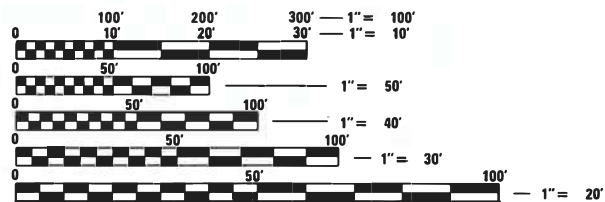


C-97-088-24

PROPOSED PEDESTRIAN
SIGNAL MODIFICATION
ILL 33 & JACKSON ST,
ILL 33 /130 & VAN BUREN ST
NEWTON, IL



PROPOSED PEDESTRIAN
SIGNAL MODIFICATION
ILL 1 & ARCHER AVE,
MARSHALL, IL



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

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

PROJECT ENGINEER BEN DETERS
PROJECT MANAGER ANDY BAKER

CONTRACT NO. 74D15

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED JUNE 25 2024
Jeffrey P. Myerka
REGIONAL ENGINEER

August 16, 2024
Joe E.A. [Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

August 16, 2024
James [Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 13

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO	TITLE
1	COVER SHEET
2	GENERAL NOTES, INDEX OF SHEETS, LIST OF STANDARDS
3	SUMMARY OF QUANTITIES
4	PEDESTRIAN SIGNAL UPGRADE- IL 1 & ARCHER AVE MARSHALL, IL
5	PEDESTRIAN SIGNAL UPGRADE- IL 33 & JACKSON ST NEWTON, IL
6	PEDESTRIAN SIGNAL UPGRADE- IL 33/130 & VAN BUREN ST NEWTON, IL

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED FOLLOWING THE LAST NUMBERED SHEET OF THE PLANS.

000001-08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-09	TRAFFIC CONTROL DEVICES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS

SIGNAL GENERAL NOTES

THIS PROJECT CONSISTS OF PEDESTRIAN SIGNAL UPDATES AT 3 SEPARATE INTERSECTIONS. ILL 1 AT ARCHER AVE IN MARSHALL IL; ILL 33 AT JACKSON STREET IN NEWTON IL; AND ILL 33/130 AT VAN BUREN STREET IN NEWTON IL; THE WORK INCLUDED IN THIS SECTION CONSISTS OF RETROFITTING EXISTING PEDESTRIAN SIGNAL HEADS WITH NEW PEDESTRIAN COUNT DOWN SIGNAL HEADS AND REPLACING PUSH BUTTONS WITH NEW AUDIBLE PUSH BUTTONS. THE EXISTING CONTROLLER AND CABINET WILL BE MODIFIED TO OPERATE THE NEW PEDESTRIAN SIGNALS ALONG WITH ALL OTHER WORK NECESSARY TO COMPLETE THIS PORTION OF THIS PROJECT.

THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CALL J.U.L.I.E. AT 1-800-892-0123. THE TRAFFIC SIGNAL UTILITY LINES WILL BE LOCATED BY IDOT, CALL 217-342-3951.

THE TRAFFIC SIGNAL ENGINEER AT THE ILLINOIS DEPARTMENT OF TRANSPORTATION JOSH PORTER SHALL BE NOTIFIED AT 217-342-5677 AT LEAST 72 HOURS PRIOR TO ANY SIGNAL ADJUSTMENTS.

ALL HARDWARE SHALL BE TIGHTENED AND WELL SECURED. CABLES SHALL BE NEATLY TRAINED IN THE CONTROLLER CABINET.

ALL THREADS OF BOLTS USED IN ASSEMBLY OF TRAFFIC SIGNAL COMPONENTS SHALL BE COATED WITH A NON- LEAD BASED ANTI -SEIZE COMPOUND, SIMILAR TO LEAD PLATE, PRIOR TO ASSEMBLY.

REV - MS

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PLOT DATE = 6/26/2024	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PEDESTRIAN SIGNAL UPGRADE
 INDEX OF SHEETS & GENERAL NOTES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	VARIOUS	6	2
			CONTRACT NO. 74D15	
		ILLINOIS	FED. AID PROJECT	CUZK(158)

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
				0021 CLARK COUNTY	0021 JASPER COUNTY
CODE NO	ITEM	UNIT			
67100100	MOBILIZATION	L SUM	1	0.33	0.67
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	3	1	2
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.33	0.67
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	22	8	14
X8809010	LED SIGNAL FACE RETROFIT, 12" COUNTDOWN TIMER	EACH	44	16	28
X8950114	MODIFY EXISTING CONTROLLER AND CABINET	EACH	3	1	2

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT			

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PLOT DATE = 6/26/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEDESTRIAN SIGNAL UPGRADE
SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	VARIOUS	6	3
			CONTRACT NO. 74D15	

BILL OF MATERIALS

CODE	ITEM	UNIT	QUANTITY
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
X8809010	LED SIGNAL FACE RETROFIT, 12" COUNTDOWN TIMER	EACH	16
X8950114	MODIFY EXISTING CONTROLLER AND CABINET	EACH	1

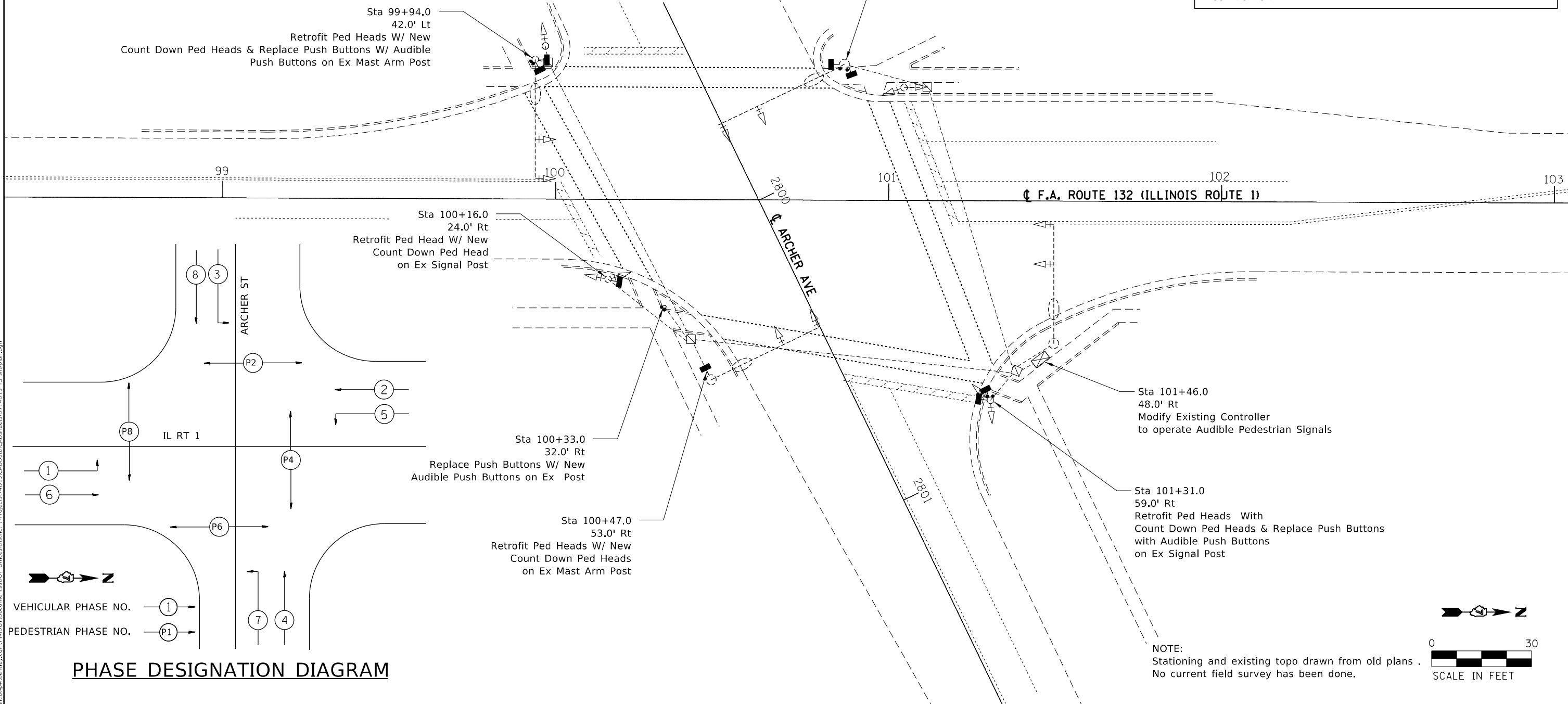
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

(QUANTITY: 1 EACH)

	Total	NW	NE	SE	SW
Pedestrian Signal Head	8	2	2	2	2
Pedestrian Push-Button	8	2	2	2	2

LEGEND

	Existing	Proposed
SIGNAL POST	○	○
MAST ARM	○-----○	○-----○
SIGNAL HEAD W/ BACKPLATE	+▷	+▷
CONTROLLER	⊠	⊠
HANDHOLE	◻	◻
PEDESTRIAN HEAD		■
PUSH BUTTON		⊙



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF IL 1 AND ARCHER AVE
PEDESTRIAN SIGNAL UPGRADE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	CLARK	6	4
CONTRACT NO. 74D15				

ILLINOIS FED. AID PROJECT CUZK1158)
D7 SIGNAL MODERNIZATION 2024-1

BILL OF MATERIALS

CODE	ITEM	UNIT	QUANTITY
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6
X8809010	LED SIGNAL FACE RETROFIT, 12" COUNTDOWN TIMER	EACH	12
X8950114	MODIFY EXISTING CONTROLLER AND CABINET	EACH	1

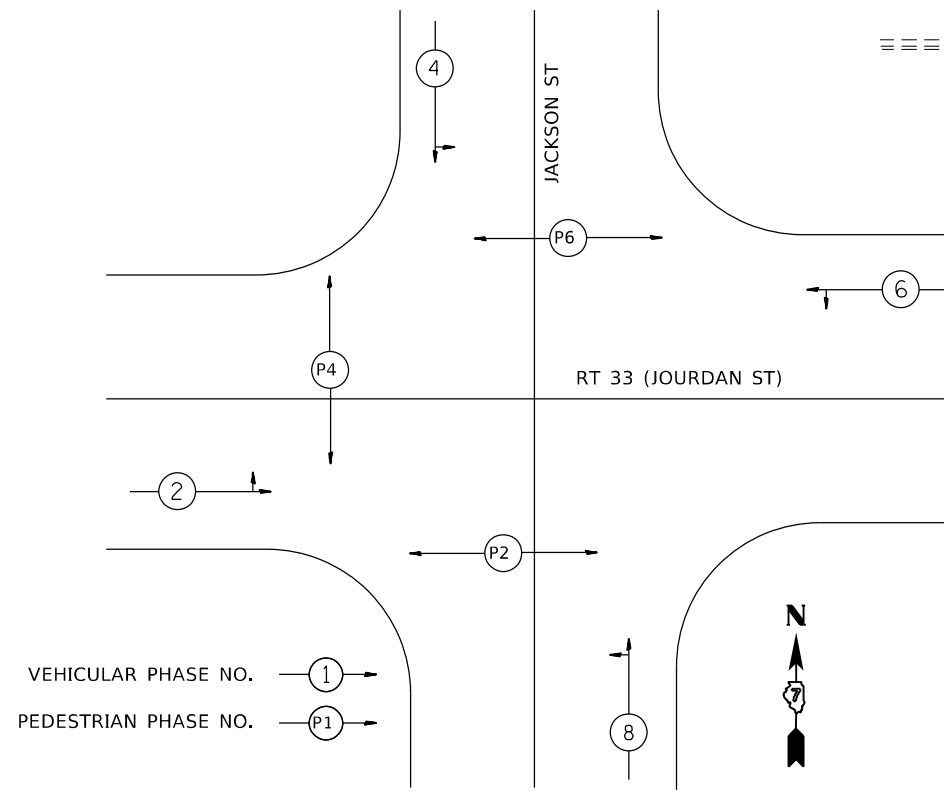
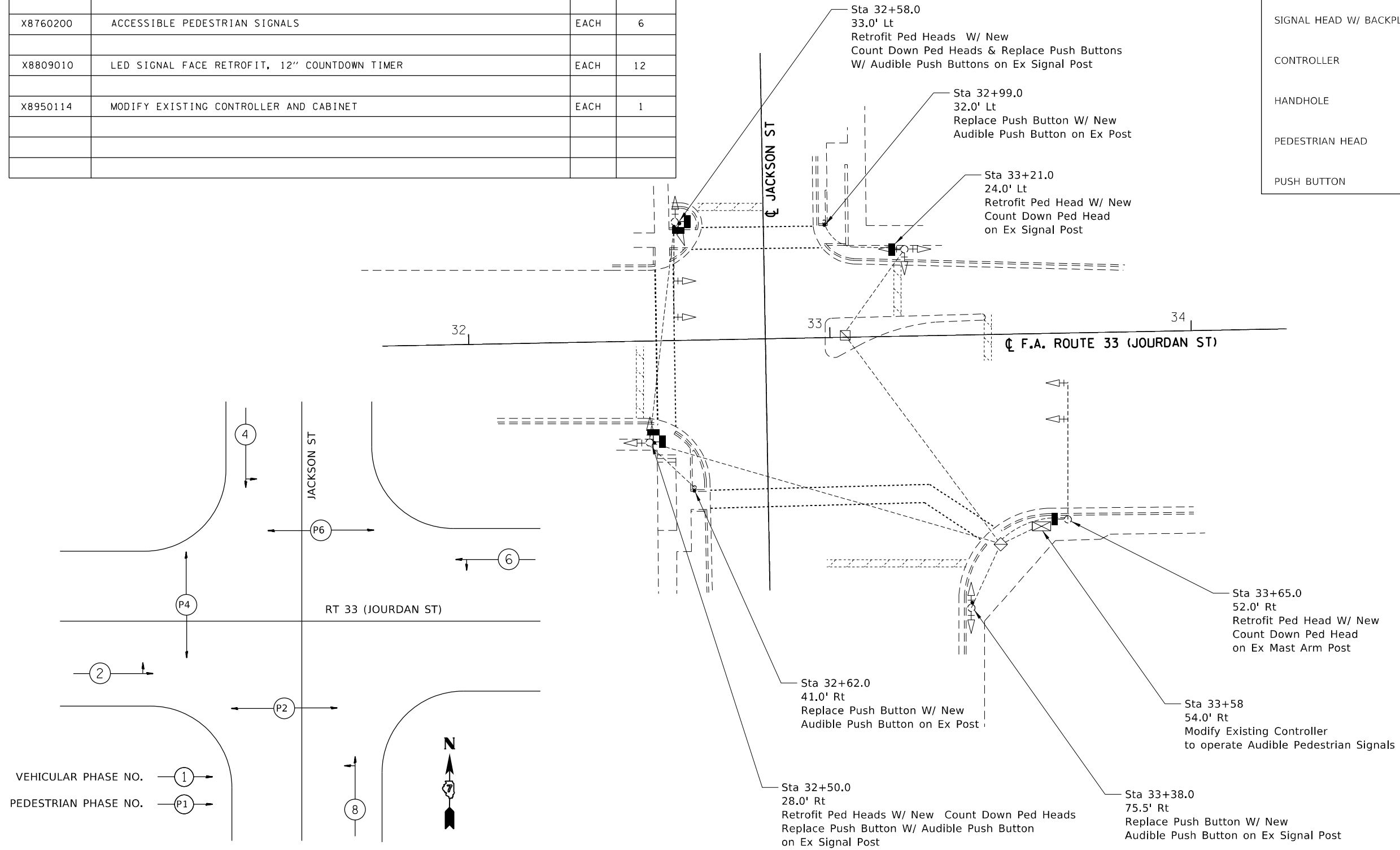
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

(QUANTITY: 1 EACH)

	Total	NW	NE	SE	SW
Pedestrian Signal Head	6	2	1	1	2
Pedestrian Push-Button	6	2	1	1	2

LEGEND

	Existing	Proposed
SIGNAL POST	○	○
MAST ARM	○-----	○-----
SIGNAL HEAD W/ BACKPLATE	+▷	+▷
CONTROLLER	⊠	⊠
HANDHOLE	◻	◻
PEDESTRIAN HEAD		■
PUSH BUTTON		⊙



PHASE DESIGNATION DIAGRAM

NOTE:
 Stationing and existing topo drawn from old plans .
 No current field survey has been done.



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF IL 33 & JACKSON ST
 PEDESTRIAN SIGNAL UPGRADE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	*	CLARK	6	5

CONTRACT NO. 74D15

BILL OF MATERIALS

CODE	ITEM	UNIT	QUANTITY
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
X8809010	LED SIGNAL FACE RETROFIT, 12" COUNTDOWN TIMER	EACH	16
X8950114	MODIFY EXISTING CONTROLLER AND CABINET	EACH	1

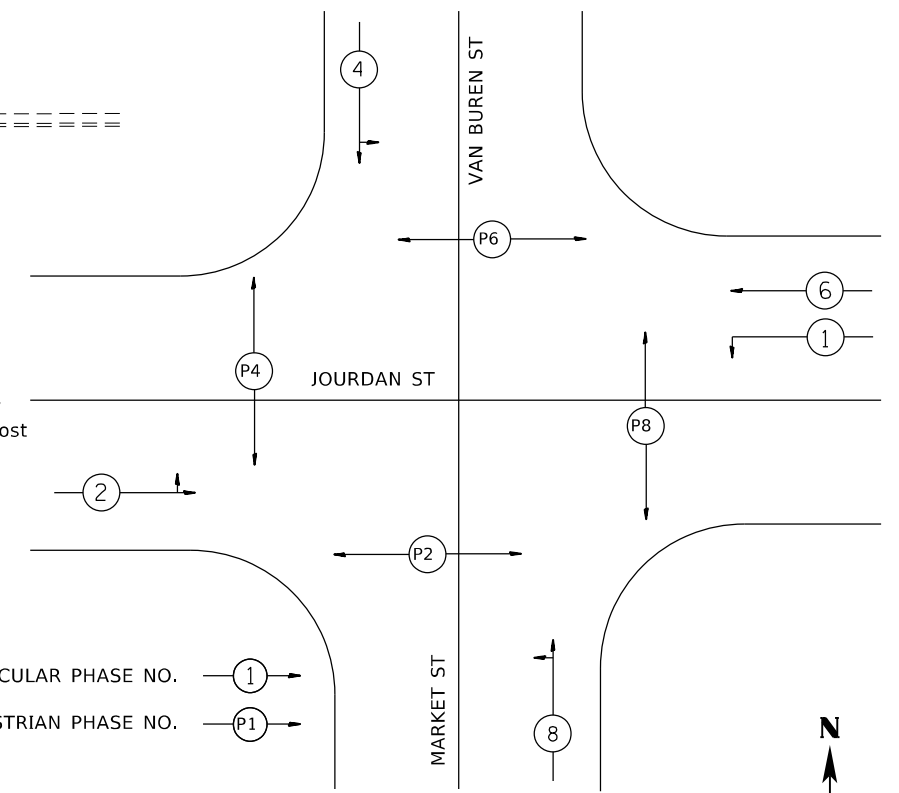
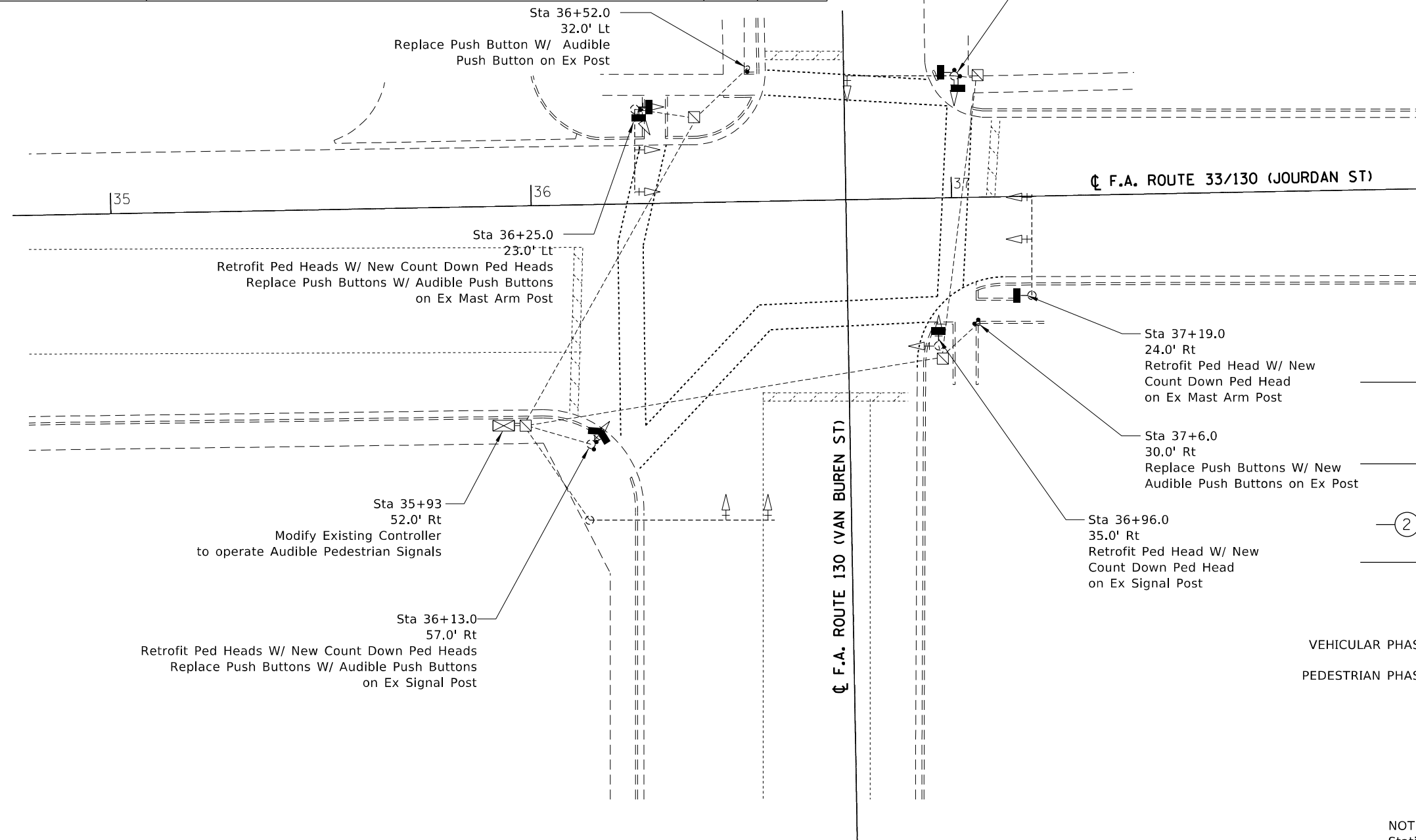
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

(QUANTITY: 1 EACH)

Total	NW	NE	SE	SW
8	2	2	2	2
8	2	2	2	2

LEGEND

	Existing	Proposed
SIGNAL POST		
MAST ARM		
SIGNAL HEAD W/ BACKPLATE		
CONTROLLER		
HANDHOLE		
PEDESTRIAN HEAD		
PUSH BUTTON		



PHASE DESIGNATION DIAGRAM

NOTE:
 Stationing and existing topo drawn from old plans .
 No current field survey has been done.



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	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

INTERSECTION OF IL 33 /130 & VAN BUREN ST
 PEDESTRIAN SIGNAL UPGRADE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	CLARK	6	6
CONTRACT NO. 74D15			ILLINOIS FED. AID PROJECT CUZK1(158)	
D7 SIGNAL MODERNIZATION 2024-1				