

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-171-SW	COOK	101	1
ILLINOIS CONTRACT NO. 62P92				

* 101 + 3 = 104 TOTAL SHEETS
* * 104 + 2 = 106 TOTAL SHEETS

D-91-070-22

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THIS PROJECT LOCATED IN:

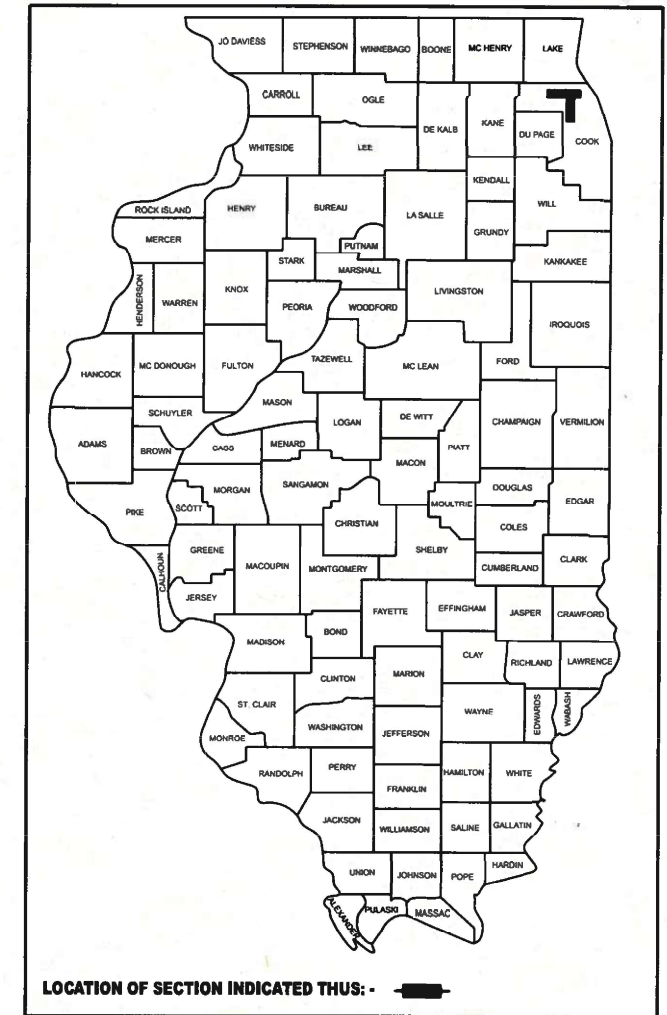
THE VILLAGE OF ELK GROVE
 THE VILLAGE OF MOUNT PROSPECT
 THE VILLAGE OF WHEELING
 THE VILLAGE OF ARLINGTON HEIGHTS
 THE CITY OF PROSPECT HEIGHTS

PROPOSED HIGHWAY PLANS

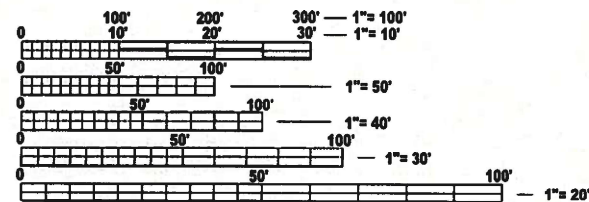
FAP ROUTE VAR (VARIOUS ROUTES) SECTION 2021-171-SW

VARIOUS LOCATIONS ADA IMPROVEMENTS COOK COUNTY

C-91-064-22



FOR LOCATION MAPS, SEE SHEETS NO. 5-9



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: LUKASZ POCIECHA (847) 705-4255
 PROJECT MANAGER: VESELIN VELICHKOV

CONTRACT NO. 62P92

GROSS AND NET LENGTH = N/A (SPOT IMPROVEMENTS)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Aug 13th 2024
[Signature]
 REGIONAL ENGINEER

October 4, 2024
[Signature]
 ENGINEER OF DESIGN AND ENVIRONMENT

October 4, 2024
[Signature]
 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 13

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

SUMMARY OF QUANTITIES

Code No.	Item	Unit	Total Quantity	0005 ROADWAY 100% STATE	0021 TRAFFIC SIGNALS 100% STATE
20200100	EARTH EXCAVATION	CU YD	105	105	1
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	581	581	
25200110	SODDING, SALT TOLERANT	SQ YD	581	581	
25200200	SUPPLEMENTAL WATERING	UNIT	5.8	5.8	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	226	226	
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	65	65	
42001300	PROTECTIVE COAT	SQ YD	1045	1045	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	6534	6495	39
42400800	DETECTABLE WARNINGS	SQ FT	700	700	
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	575	575	
44000600	SIDEWALK REMOVAL	SQ FT	7462	7462	
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	1	1	
60266600	VALVE BOXES TO BE ADJUSTED	EACH	5	5	
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	6	6	
60406001	FRAMES AND LIDS, TYPE 1, ADA COMPLIANT, OPEN LID	EACH	3	3	
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	1	1	
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	105	105	1
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2	
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1	
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1	
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	15	15	
67100100	MOBILIZATION	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1	
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	1	

SUMMARY OF QUANTITIES

Code No.	Item	Unit	Total Quantity	0005 ROADWAY 100% STATE	0021 TRAFFIC SIGNALS 100% STATE
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	480	480	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	388	388	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	185	185	
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	998	998	
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	488		488
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	454		454
81028250	UNDERGROUND CONDUIT, GALVANIZED STEEL, 5" DIA.	FOOT	58		58
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	8		8
81400200	HEAVY-DUTY HANDHOLE	EACH	1		1
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	5170		5170
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2794		2794
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	800		800
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12		12
* 87900200	DRILL EXISTING HANDHOLE	EACH	44		44
* 88102719	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, POST MOUNTED WITH COUNTDOWN TIMER	EACH	26		26
* 88600100	DETECTOR LOOP, TYPE I	FOOT	2450		2450
* 89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	2		2
* 89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	2		2
* 89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	2		2
* 89502200	MODIFY EXISTING CONTROLLER	EACH	6		6
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	635		635
* 89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	393		393
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	5		5
* 89502376	REBUILD EXISTING HANDHOLE	EACH	3		3
89502380	REMOVE EXISTING HANDHOLE	EACH	1		1

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1 REVISED SHEET 10/29/2024 * SPECIALTY ITEMS

USER NAME = Alan.Parayno	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/16/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES VARIOUS ROUTES - VARIOUS LOCATIONS	
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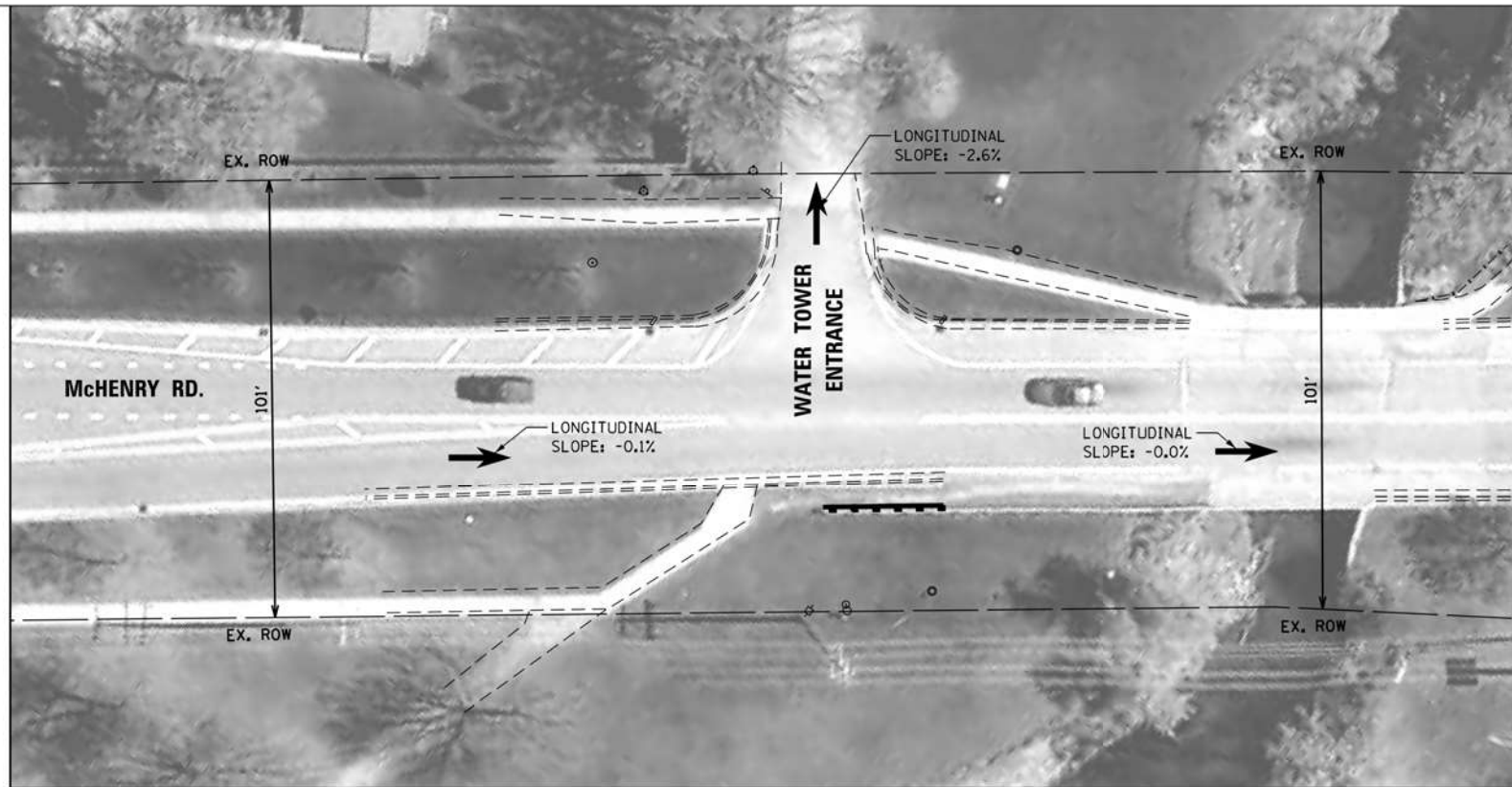
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-171-SW	COOK	101	3
CONTRACT NO. 62P92				
ILLINOIS FED. AID PROJECT				



NORTHEAST CORNER



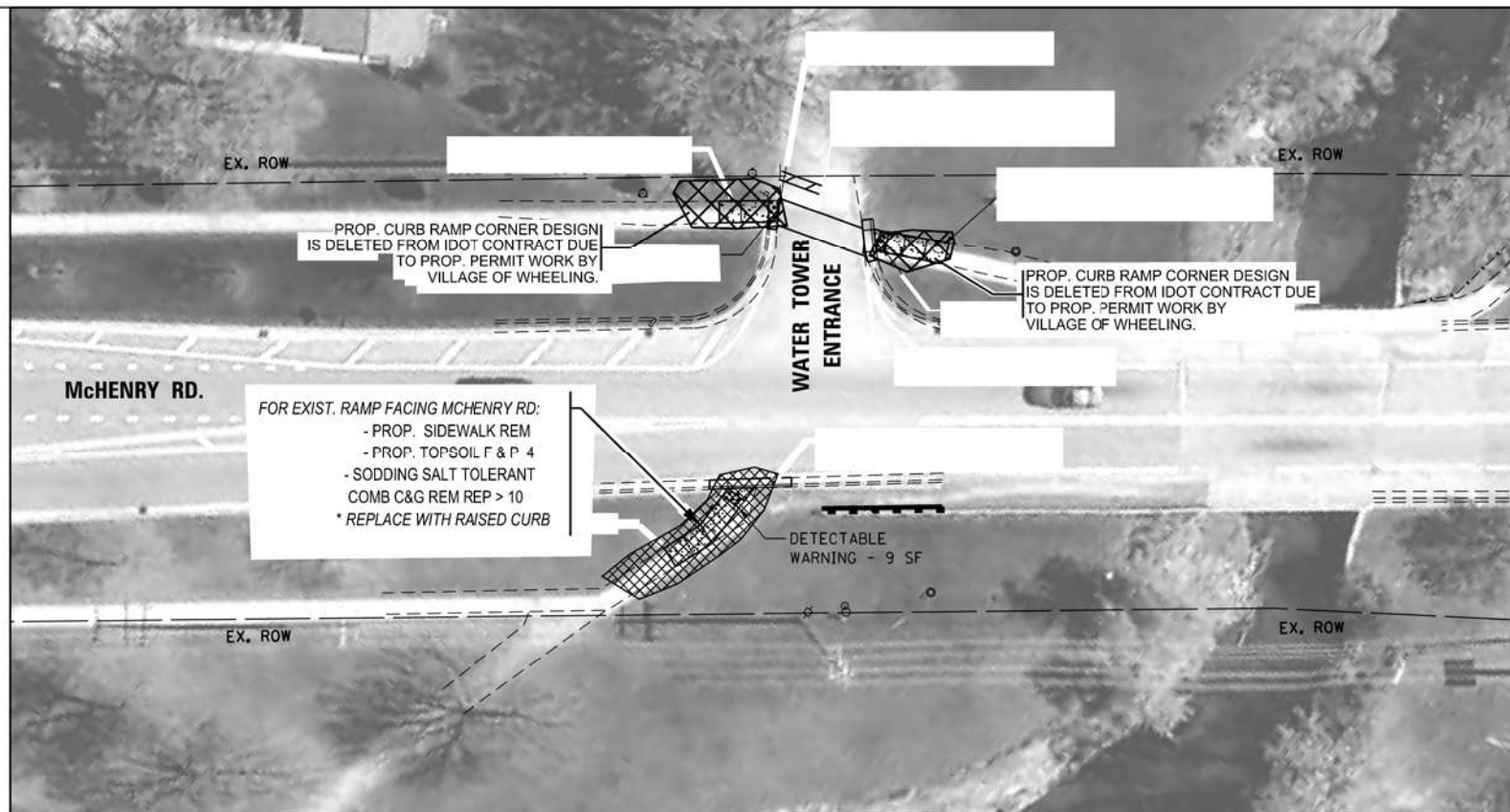
NORTHWEST CORNER



EXISTING



SOUTHEAST CORNER



PROPOSED

1 REVISÉD SHEET 10/29/2024

1

NOTE:
 PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

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Michael Baker INTERNATIONAL
 200 W Adams Street
 Suite 2800
 Chicago, IL 60606
 PH: 312.707.8770
 FAX: 312.707.8804

USER NAME = Alan.Parayro	DESIGNED -	REVISED - Δ ALP 10/23/24
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 9/25/2024	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

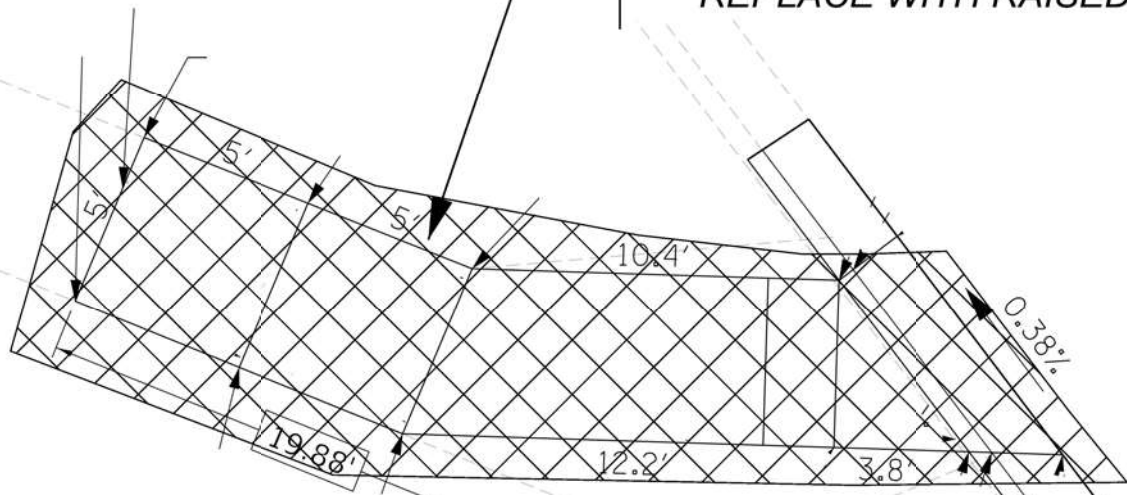
PROPOSED ADA CURB RAMP DETAILS
 VARIOUS ROUTES - VARIOUS LOCATIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-171-SW	COOK	101	51
CONTRACT NO. 62P92				
ILLINOIS FED. AID PROJECT				

McHENRY RD.

- PROP. SIDEWALK REM
- PROP. TOPSOIL F & P 4
- SODDING SALT TOLERANT
- COMB C&G REM REP > 10
- * REPLACE WITH RAISED CURB



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WHEELING TOWNSHIP
McHENRY RD. - WATER TOWER ENTRANCE
63493 - NW

DESIGNED - RB/MM/SM
DRAWN - RB/MM/SM
CHECKED - JC/RB
DATE - 9/20/16

USER NAME = Alan.Parayro
PLOT DATE = 9/25/2024

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED - Δ ALP 10/23/24
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED ADA CURB RAMP DETAILS
VARIOUS ROUTES - VARIOUS LOCATIONS

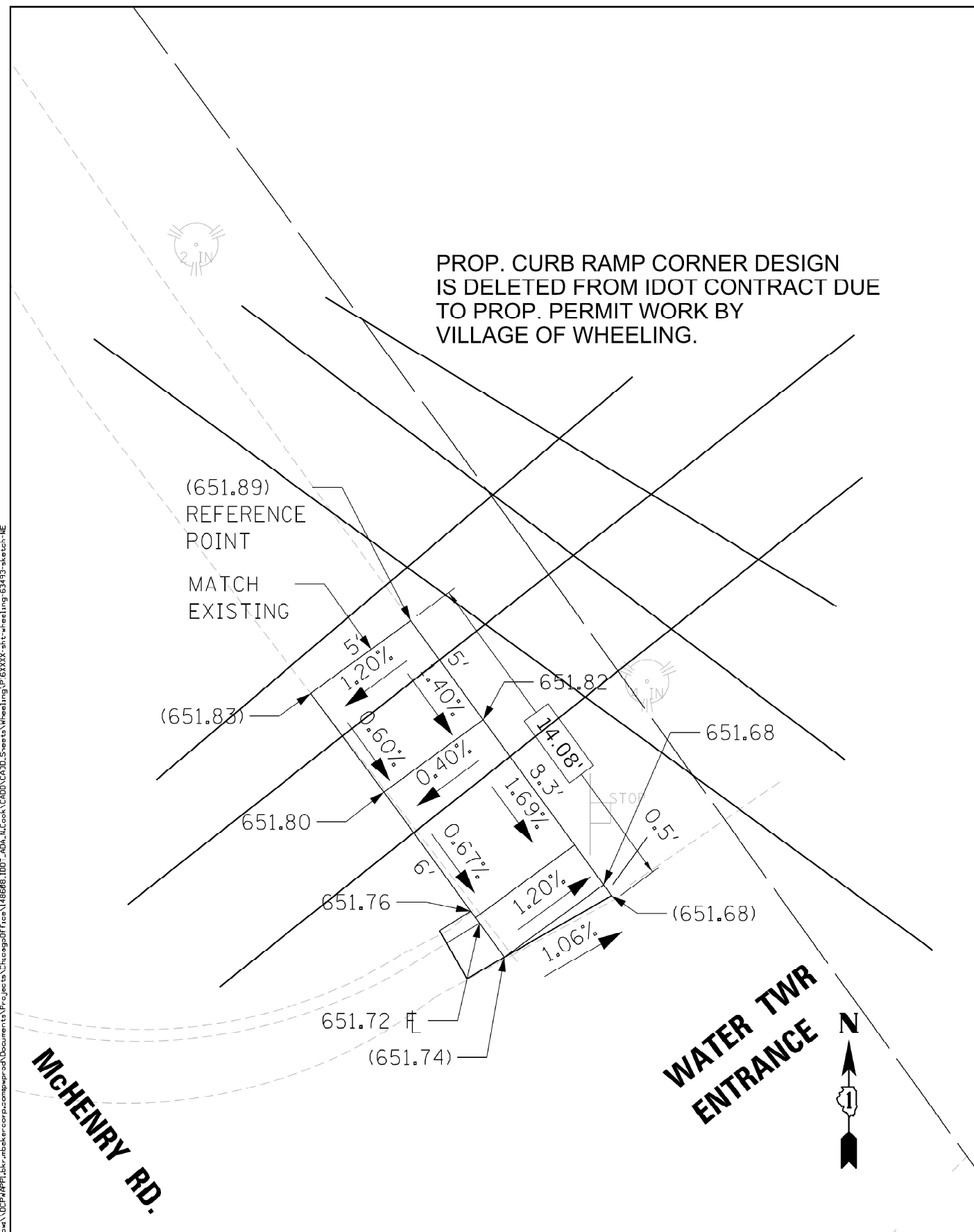
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Δ REVISED ENTIRE SHEET 10/29/2024

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			CONTRACT NO. 62P92	
			ILLINOIS FED. AID PROJECT	

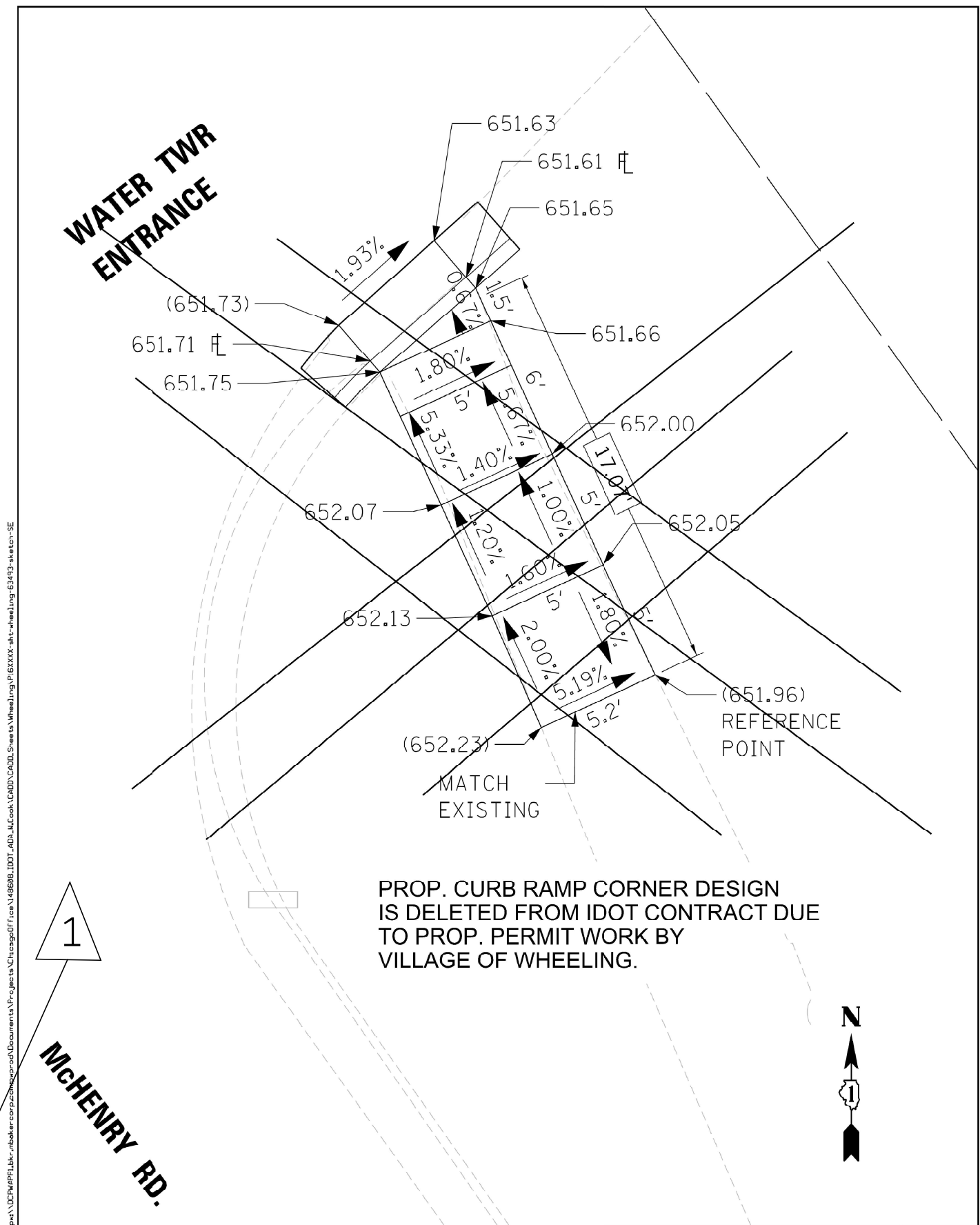


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WHEELING TOWNSHIP
McHENRY RD. - WATER TOWER ENTRANCE
63493 - NE

DESIGNED - RB/MM/SM
 DRAWN - RB/MM/SM
 CHECKED - JC/RB
 DATE - 9/20/16



WHEELING TOWNSHIP
McHENRY RD. - WATER TOWER ENTRANCE
63493 - SE

DESIGNED - RB/MM/SM
 DRAWN - RB/MM/SM
 CHECKED - JC/RB
 DATE - 9/20/16

REVIS 10/29/2024

USER NAME = Alari.Parayro	DESIGNED -	REVISED - Δ ALP 10/23/24
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 9/19/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED ADA CURB RAMP DETAILS
VARIOUS ROUTES - VARIOUS LOCATIONS

SCALE: SHEET OF SHEETS STA. TO STA.

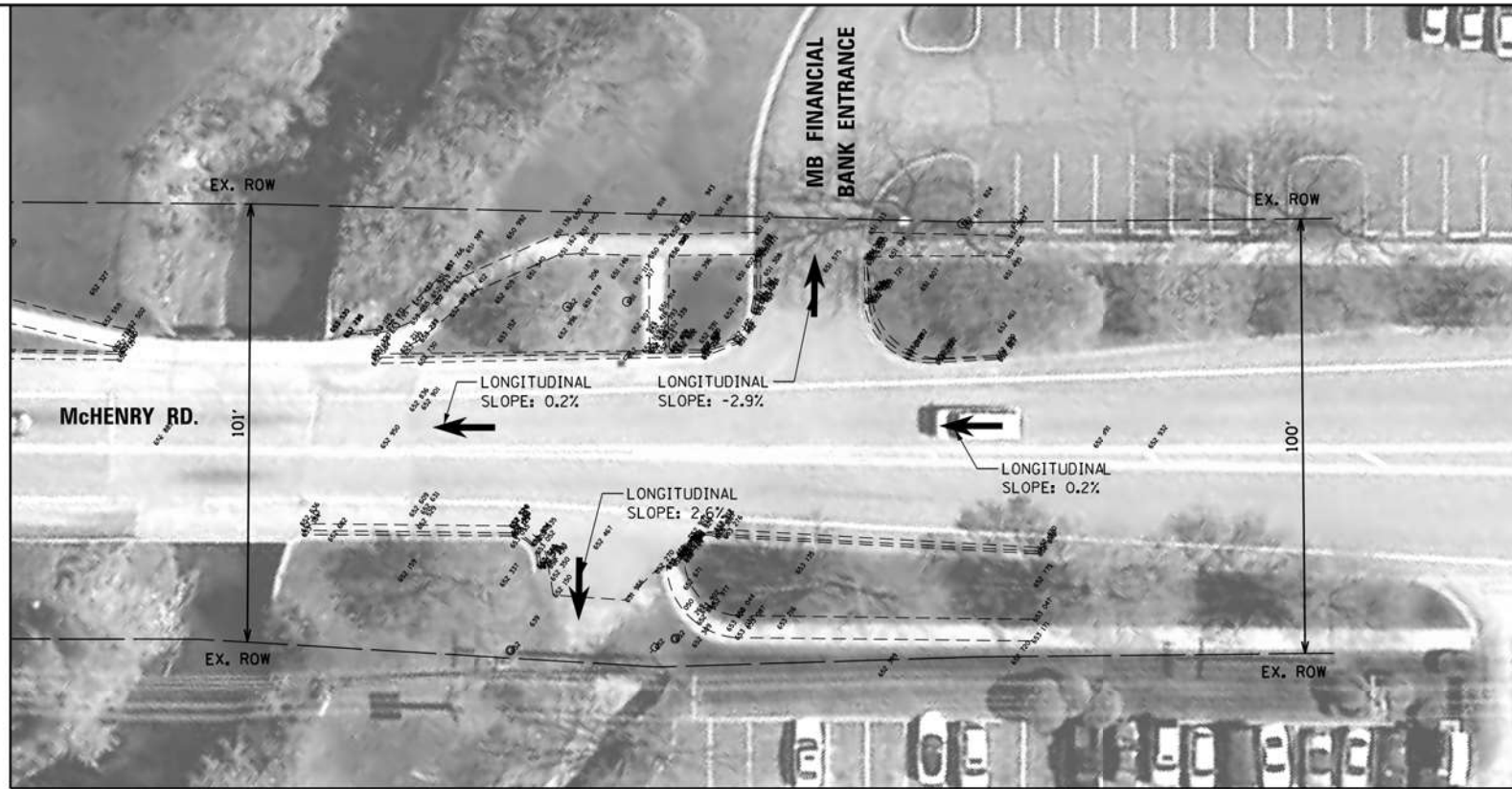
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VAR	2021-171-SW	COOK	101	53
CONTRACT NO. 62P92				
ILLINOIS FED. AID PROJECT				



NORTHEAST CORNER



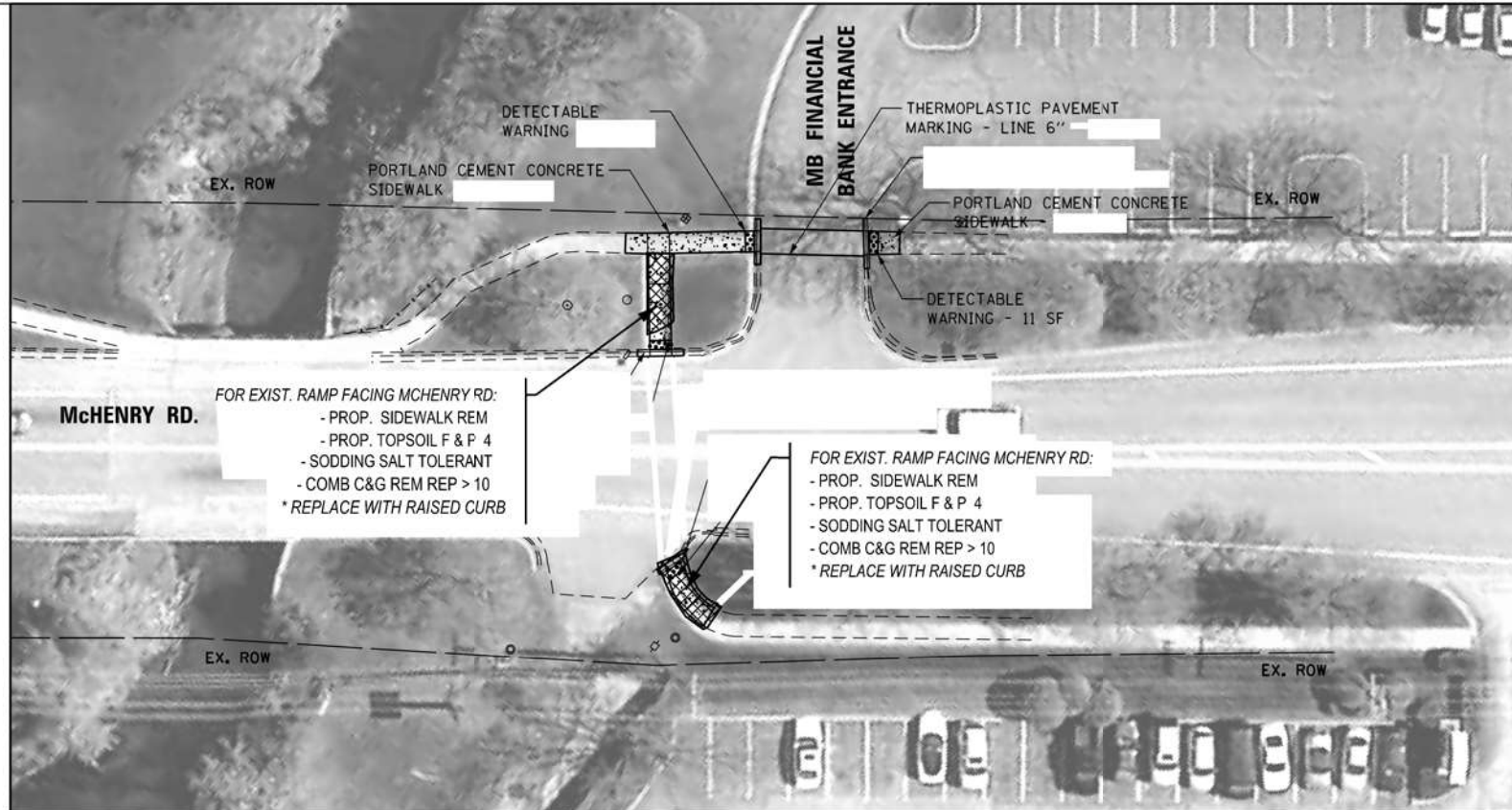
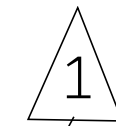
NORTHWEST CORNER



EXISTING



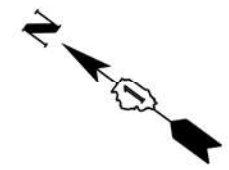
SOUTHEAST CORNER



PROPOSED

LEGEND

	DETECTABLE WARNING
	SIDEWALK REMOVAL
	NEW PCC SIDEWALK



1 REVISED ENTIRE SHEET 10/29/2024

NOTE:
 PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

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Michael Baker INTERNATIONAL
 200 W Adams Street
 Suite 2800
 Chicago, IL 60606
 PH: 312.707.8770
 FAX: 312.707.8804

USER NAME = Alan.Parayro	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 9/25/2024	DATE -	REVISED -
		ALP 10/23/24

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

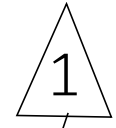
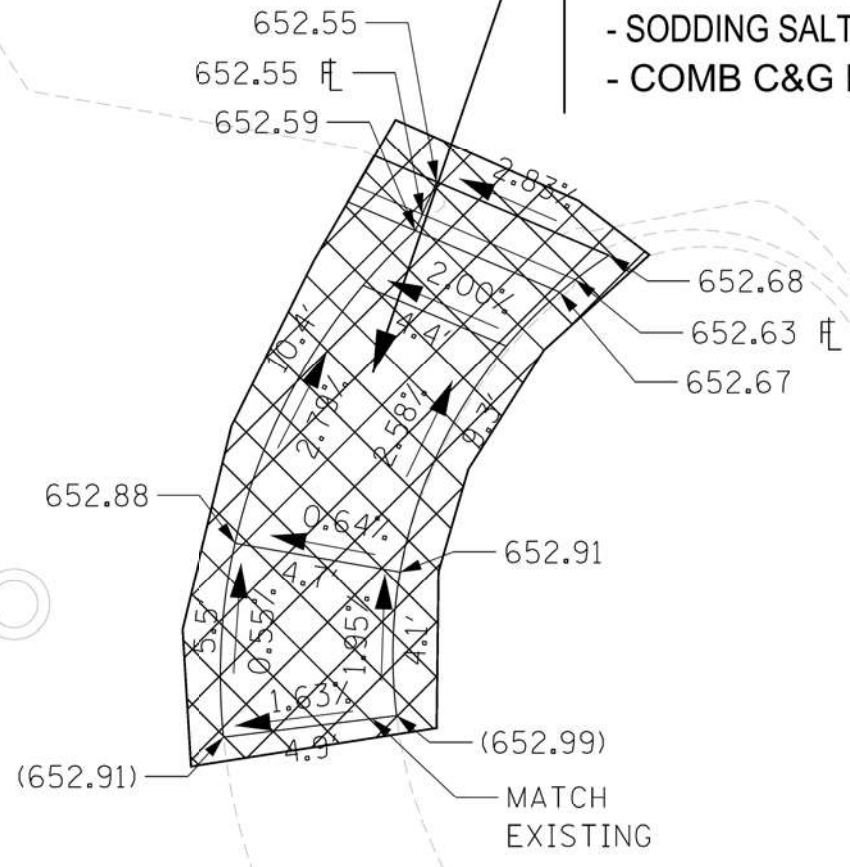
PROPOSED ADA CURB RAMP DETAILS
VARIOUS ROUTES - VARIOUS LOCATIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2021-171-SW	COOK	101	54
CONTRACT NO. 62P92				
ILLINOIS FED. AID PROJECT				

McHENRY RD.

- PROP. SIDEWALK REM
- PROP. TOPSOIL F & P 4
- SODDING SALT TOLERANT
- COMB C&G REM REP > 10



△ REVISED ENTIRE SHEET 10/29/2024

WHEELING TOWNSHIP
 McHENRY RD. - MB FINANCIAL BANK ENTRANCE
 63492 - NW

DESIGNED - RB/MM/SM
 DRAWN - RB/MM/SM
 CHECKED - JC/RB
 DATE - 9/20/16

USER NAME = Alan.Parayro	DESIGNED -	REVISED - △ ALP 10 / 23 / 24
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 9/25/2024	DATE -	REVISED -

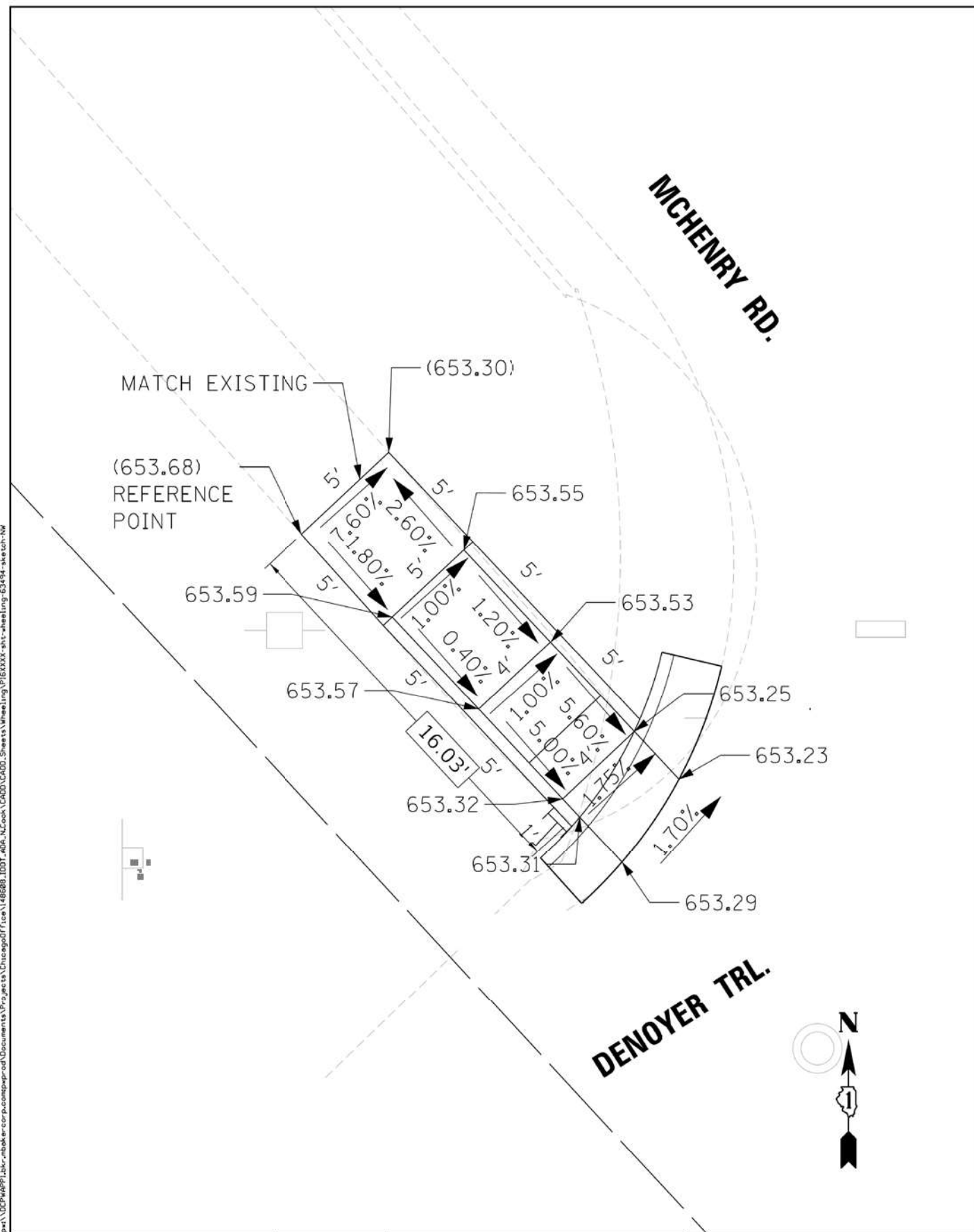
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED ADA CURB RAMP DETAILS
 VARIOUS ROUTES - VARIOUS LOCATIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

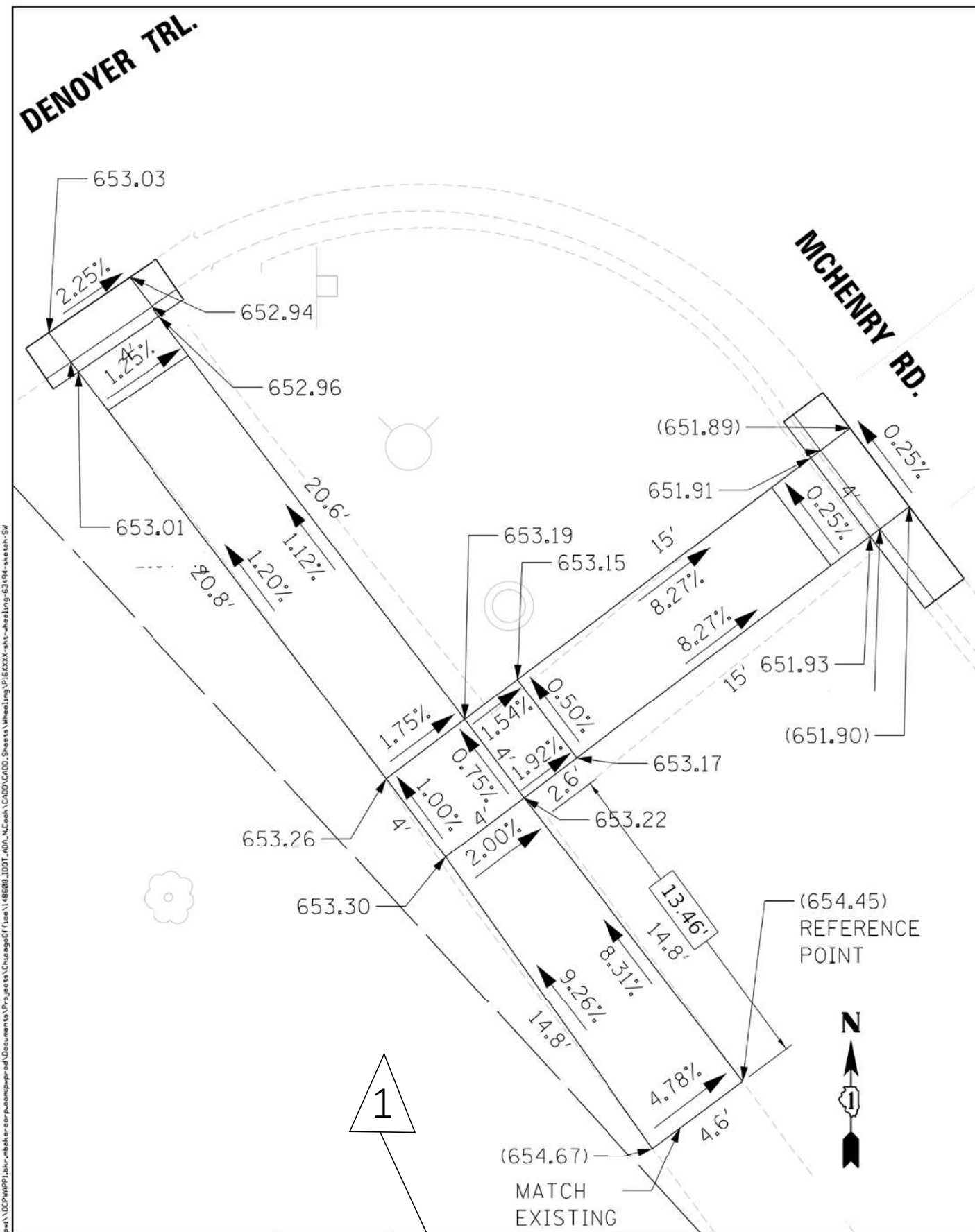
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CONTRACT NO. 62P92				
ILLINOIS FED. AID PROJECT				

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WHEELING TOWNSHIP
 MCHENRY RD. - DENOYER TRL.
 63494 - NW

DESIGNED - MM
 DRAWN - MM
 CHECKED - JC
 DATE - 4/01/16



WHEELING TOWNSHIP
 MCHENRY RD. - DENOYER TRL.
 63494 - SW

DESIGNED - MM
 DRAWN - MM
 CHECKED - JC
 DATE - 4/01/16

1 ADDED ENTIRE SHEET 10/29/2024

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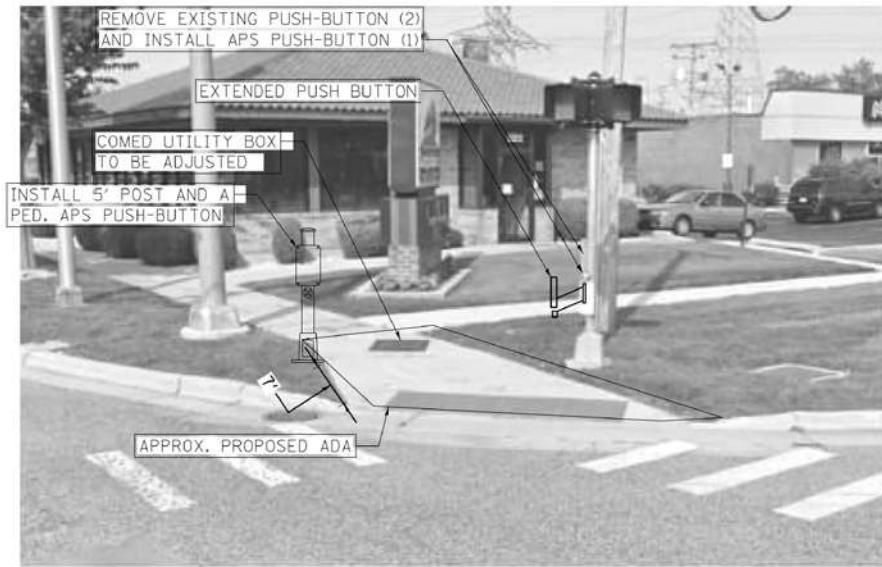
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA CURB RAMP DETAILS
 VARIOUS ROUTES - VARIOUS LOCATIONS

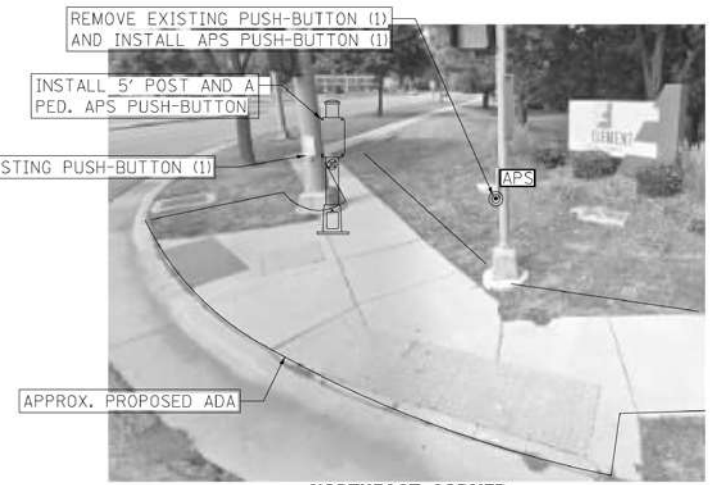
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	DRAWN -	REVISED -	
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PLOT DATE = 9/25/2024	DATE -	REVISED -	

SCALE: SHEET OF SHEETS STA TO STA

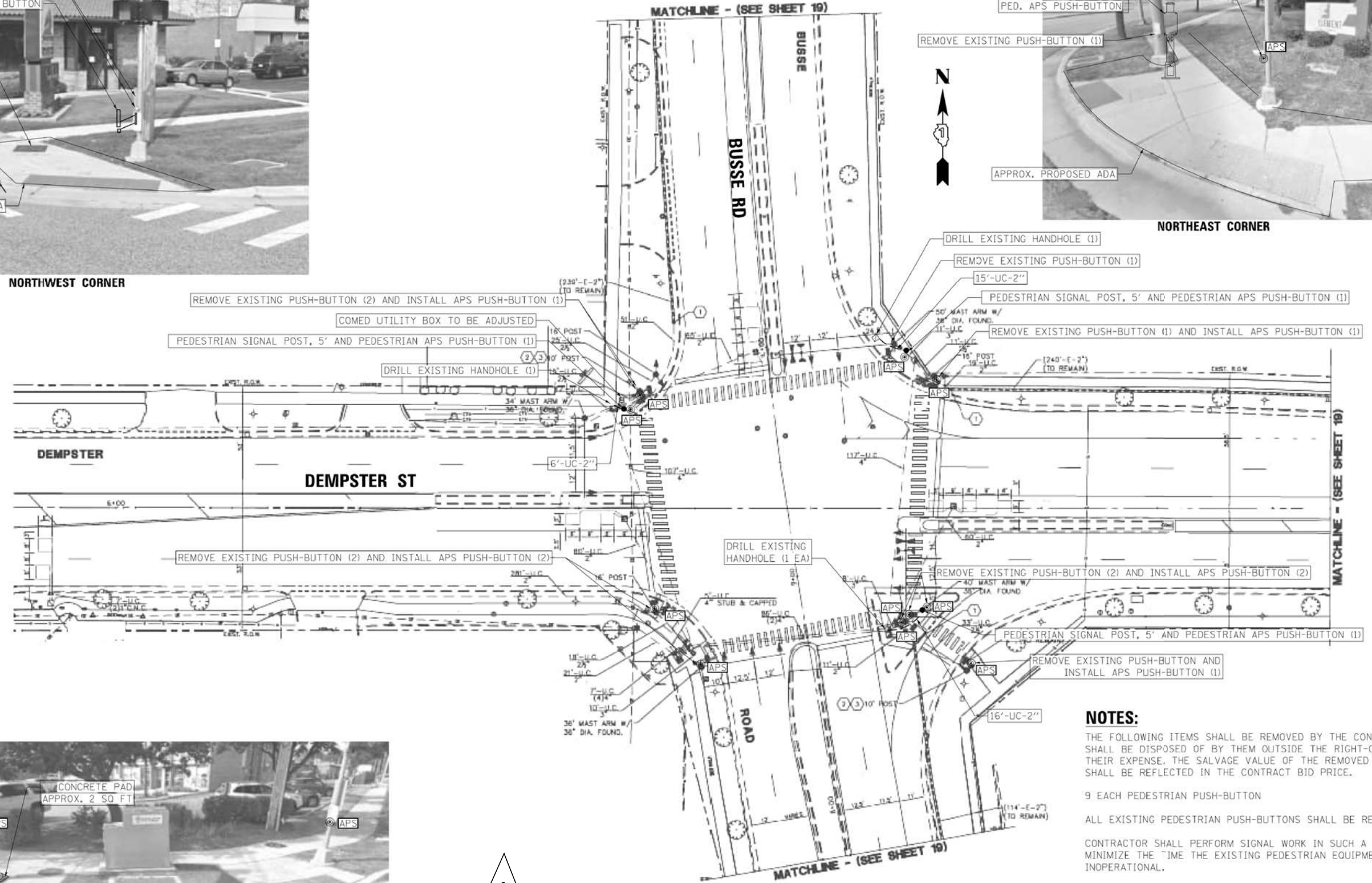
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-171-SW	COOK	101	57A
CONTRACT NO. 62P92				
ILLINOIS FED. AID PROJECT				



NORTHWEST CORNER



NORTHEAST CORNER



SOUTHWEST CORNER

1

NOTES:
 THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.
 9 EACH PEDESTRIAN PUSH-BUTTON
 ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED
 CONTRACTOR SHALL PERFORM SIGNAL WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE EXISTING PEDESTRIAN EQUIPMENT IS INOPERATIONAL.
 CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL AREA ENGINEER.
 APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSS WALK.
 STATIONING SHOWN ON TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND WILL NOT MATCH OTHER PLANS.
 NORTHWEST CORNER HAS PROPOSED ADA RAMP.

REVISOR'S MARK: REVISED ENTIRE SHEET 10/29/2024

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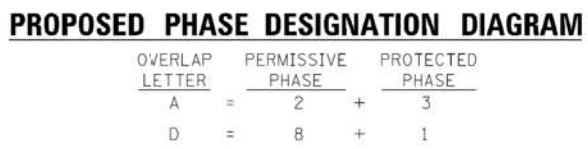
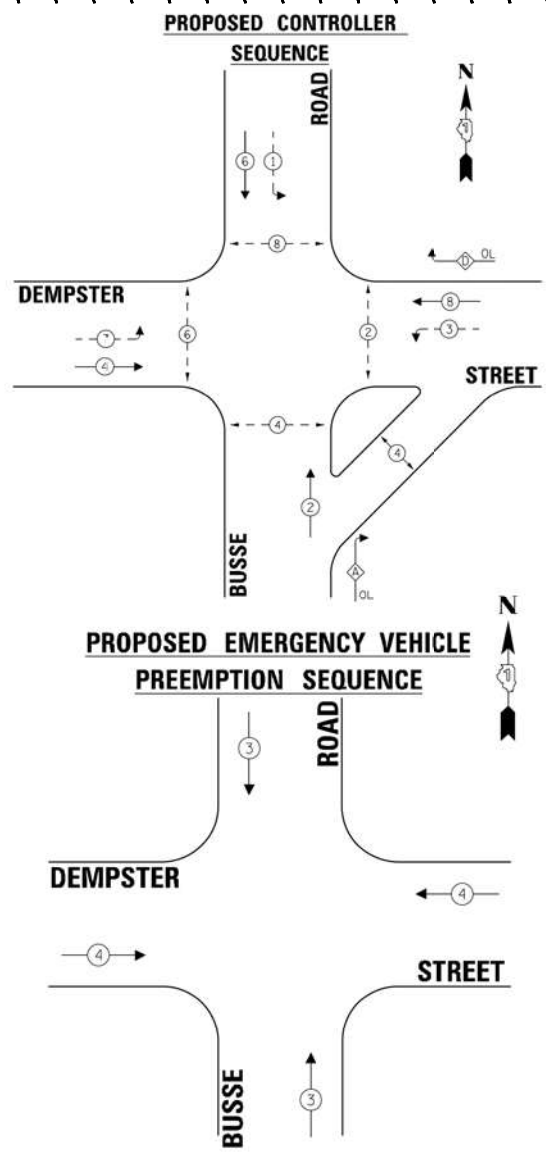
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PLOT SCALE = 2.0000' / in.	DRAWN - RC	REVISED -
PLOT DATE = 9/26/2024	CHECKED - TN	REVISED -
	DATE - 9/26/2024	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TRAFFIC SIGNAL PLAN	
BUSSE RD AT DEMPSTER ST	
SCALE:	SHEET OF 32 SHEETS STA. TO STA.

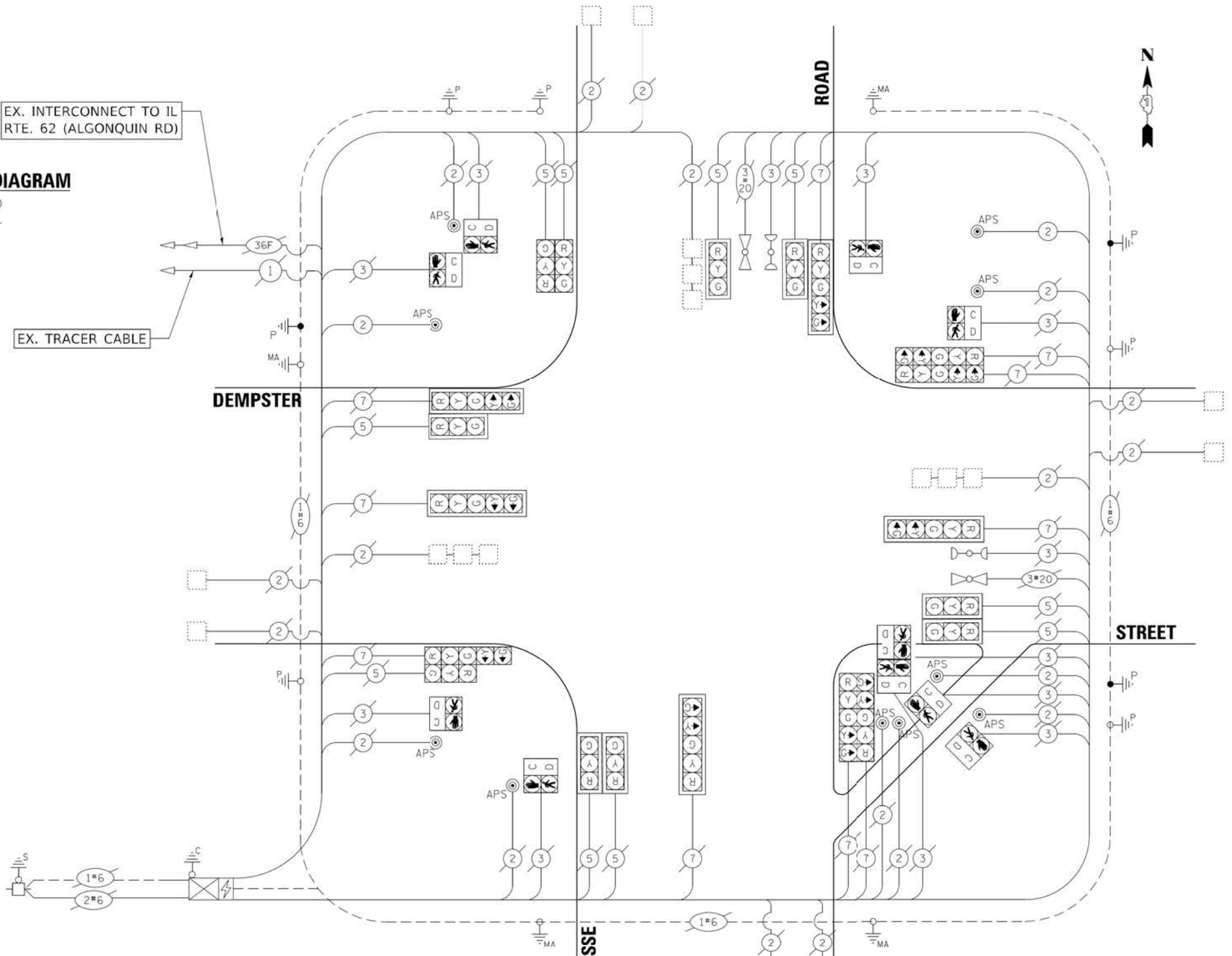
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-171-SW	COOK	101	59
CONTRACT NO. 62P92				
ILLINOIS FED. AID PROJECT				

TS-4250
 ECON-4



EX. INTERCONNECT TO IL RTE. 62 (ALGONQUIN RD)

EX. TRACER CABLE



CABLE PLAN
(NOT TO SCALE)

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QUANTITY
PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ.FT	2
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	37
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	579
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	77
DRILL EXISTING HANDHOLE	EACH	3
MODIFY EXISTING CONTROLLER	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	3
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	10
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	12
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	TOTAL WATTAGE
SIGNAL HEAD			
3-SECTION	10	11	110
4-SECTION	-	14	-
5-SECTION	10	13	130
PROGRAMMABLE SIGNALS			
3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PED. SIGNAL	10	15	150
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION	RADAR	20	-
	VIDEO	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING =			565
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING =			1170

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, IL 60196

ENERGY SUPPLY:
CONTACT: New Business Dept
PHONE: (866) 639-3532
COMPANY: ComEd
ACCOUNT NUMBER: 02280-22062

1 REVISED ENTIRE SHEET 10/29/2024

TS-4250
ECON-4



USER NAME = jgham	DESIGNED = JC	REVISED = ALP 10 / 23 / 24
PLOT SCALE = 40,0000 ' / ft.	DRAWN = JC	REVISED =
PLOT DATE = 9/26/2024	CHECKED = TN	REVISED =
	DATE = 9/26/2024	REVISED =

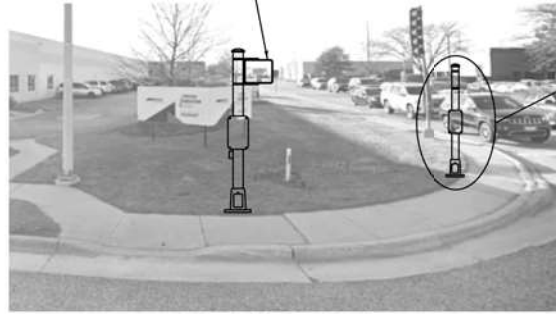
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND
EMERGENCY VEHICLE PREEMPTION SEQUENCE
BUSSE RD AT DEMPSTER ST

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-171-SW	COOK	101	61
CONTRACT NO. 62P92				
ILLINOIS FED. AID PROJECT				

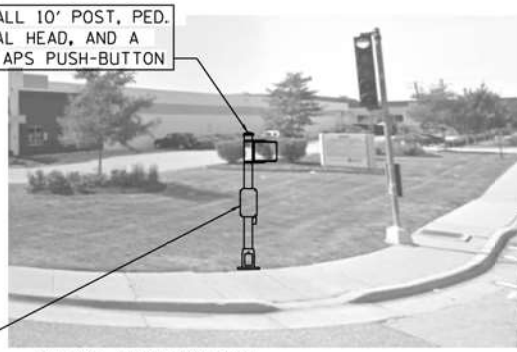
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INSTALL 10' POST, PED. SIGNAL HEAD, AND A PED. APS PUSH-BUTTON



SOUTH WEST CORNER SOUTH CROSSWALK

INSTALL 10' POST, PED. SIGNAL HEAD, AND A PED. APS PUSH-BUTTON



SOUTH WEST CORNER WEST CROSSWALK

INSTALL 10' POST, PED. SIGNAL HEAD, AND A PED. APS PUSH-BUTTON



NORTH WEST CORNER WEST CROSSWALK

INSTALL 10' POST, PED. SIGNAL HEAD, AND A PED. APS PUSH-BUTTON



SOUTH EAST CORNER SOUTH CROSSWALK

MODEL: TS-4 (Sheet) - SHT 62
FILE NAME: c:\pwworking\millennia\1006811\107022-sh1-TS.dgn



USER NAME = jpbam
PLOT SCALE = 2,0005' / in.
PLOT DATE = 9/25/2024

DESIGNED - JC
DRAWN - RC
CHECKED - TN
DATE - 9/25/2024

REVISED - ALP 10/23/24
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLAN
ELMHURST RD AT GREENLEAF AVE
SCALE: SHEET OF 32 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-171-SW	COOK	101	62
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62P92	

NOTES:

CONTRACTOR SHALL PERFORM SIGNAL WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE EXISTING PEDESTRIAN EQUIPMENT IS INOPERATIONAL.

CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL AREA ENGINEER.

APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSS WALK.

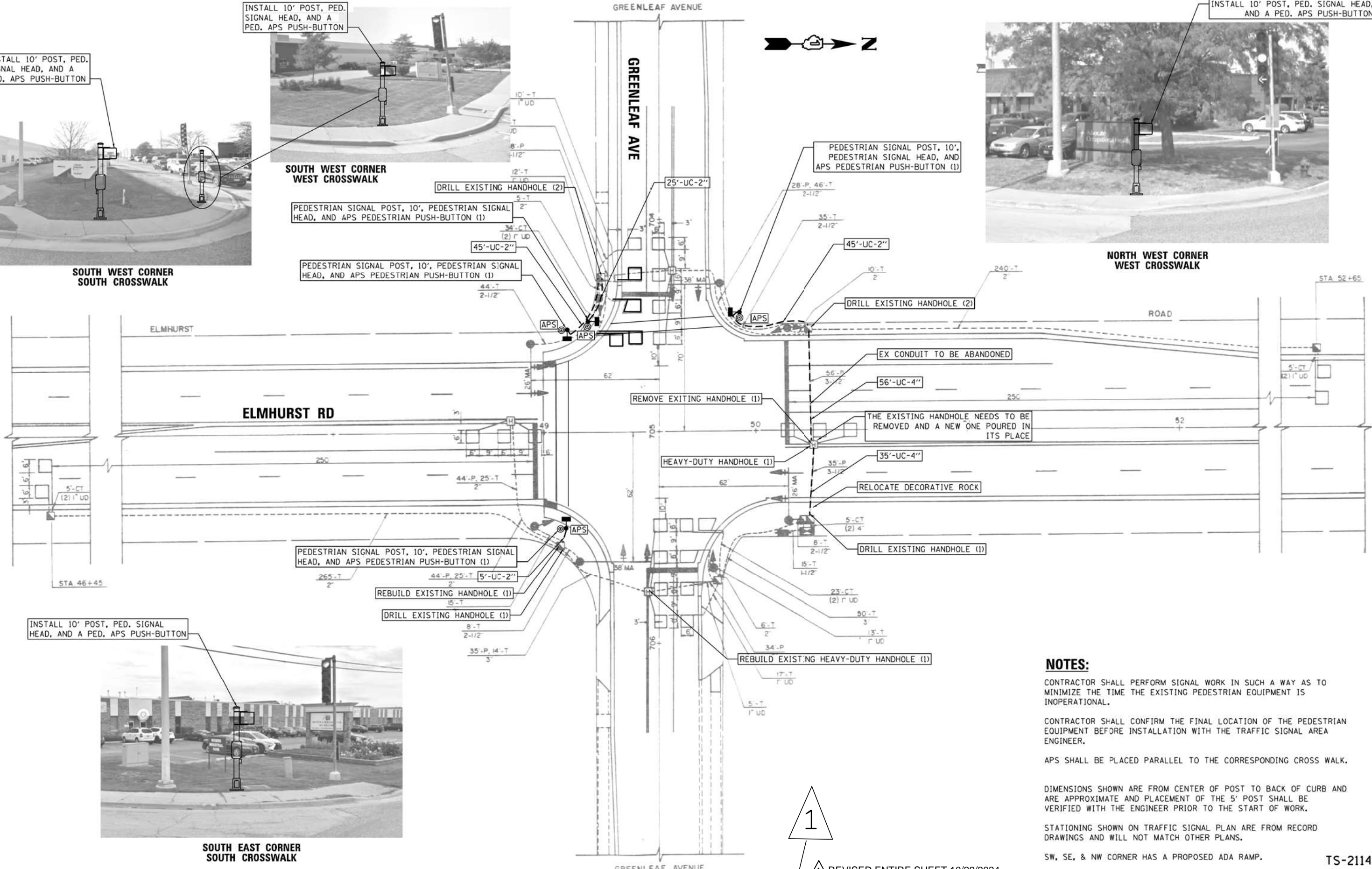
DIMENSIONS SHOWN ARE FROM CENTER OF POST TO BACK OF CURB AND ARE APPROXIMATE AND PLACEMENT OF THE 5' POST SHALL BE VERIFIED WITH THE ENGINEER PRIOR TO THE START OF WORK.

STATIONING SHOWN ON TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND WILL NOT MATCH OTHER PLANS.

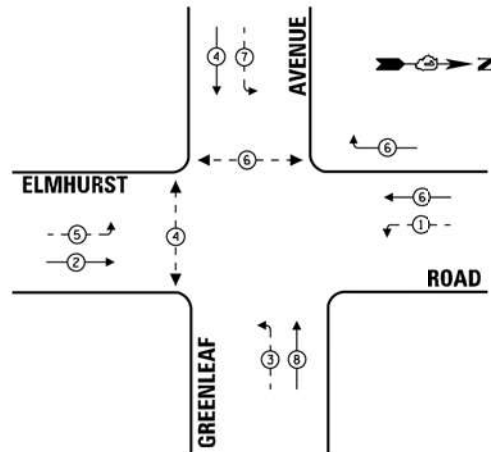
SW, SE, & NW CORNER HAS A PROPOSED ADA RAMP.

TS-21145
ECON-76

1 REVISED ENTIRE SHEET 10/29/2024



CONTROLLER SEQUENCE



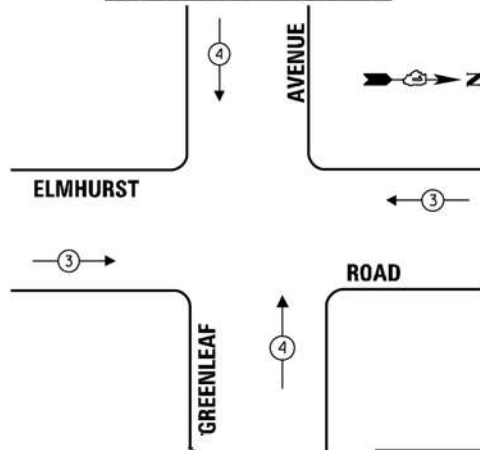
LEGEND:

- ⊙ — PROTECTED PHASE
- ⊙ — PROTECTED/PERMITTED PHASE
- ⊙ — PEDESTRIAN PHASE
- OL — OVERLAP

PHASE DESIGNATION DIAGRAM

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
C	6	7

EMERGENCY VEHICLE PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

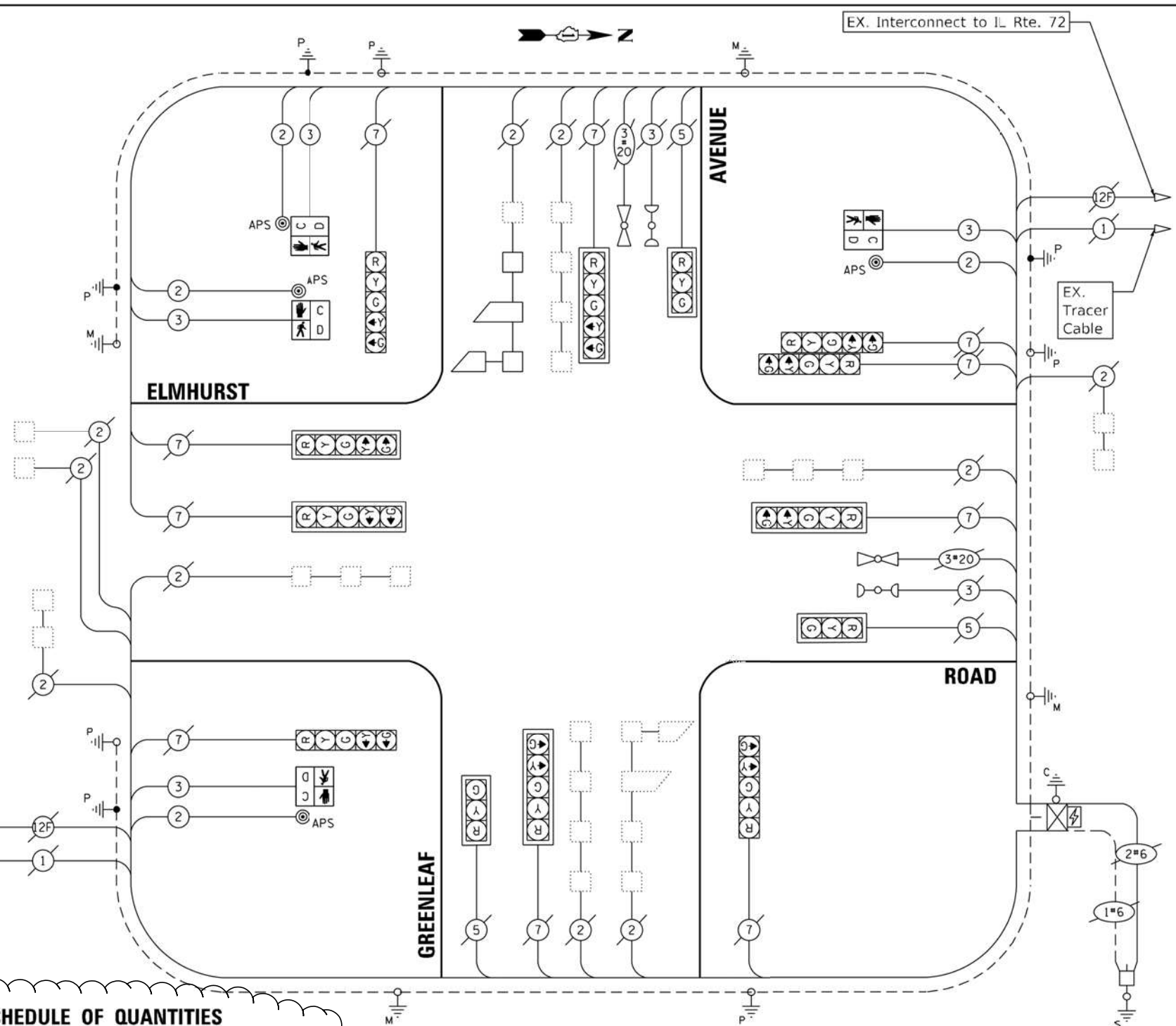
TYPE	NO. OF LAMPS	LED WATTAGE	TOTAL WATTAGE
SIGNAL HEAD			
3-SECTION	3	11	33
4-SECTION	-	14	-
5-SECTION	10	13	130
PROGRAMMABLE SIGNALS			
3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PED. SIGNAL CONTROLLER	4	15	60
MASTER CONTROLLER	1	150	150
UPS	1	25	25
DETECTION			
RADAR	-	20	-
VIDEO	-	20	-
BLANK-OUT SIGN			
NETWORK SWITCH II OR III	-	25	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING =		398	
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING =		1003	

ENERGY COSTS TO:
ELK GROVE VILLAGE
 901 WELLINGTON AVENUE
 ELK GROVE VILLAGE, IL 60007

ENERGY SUPPLY:
 CONTACT: New Business Dept
 PHONE: (866) 639-3532
 COMPANY: ComEd
 ACCOUNT NUMBER: 22630-09045

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	120
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	91
HEAVY-DUTY HANDHOLE	EACH	1
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	928
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	956
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	164
DRILL EXISTING HANDHOLE	EACH	6
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, POST MOUNTED WITH COUNTDOWN TIMER	EACH	4
DETECTOR LOOP, TYPE I	FOOT	162
MODIFY EXISTING CONTROLLER	EACH	1
REBUILD EXISTING HANDHOLE	EACH	1
REMOVE EXISTING HANDHOLE	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	4
REBUILD EXISTING HEAVY-DUTY HANDHOLE	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	16
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1



MODEL: TS-F (Sheet) - SHT 63
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USER NAME = jgham
 PLOT SCALE = 40,0000" / 1"
 PLOT DATE = 9/24/2024

DESIGNED - JC
 DRAWN - RC
 CHECKED - TN
 DATE - 9/24/2024

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CABLE PLAN
ELMHURST RD AT GREENLEAF AVE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-171-SW	COOK	101	63
CONTRACT NO. 62P92				
ILLINOIS FED. AID PROJECT				

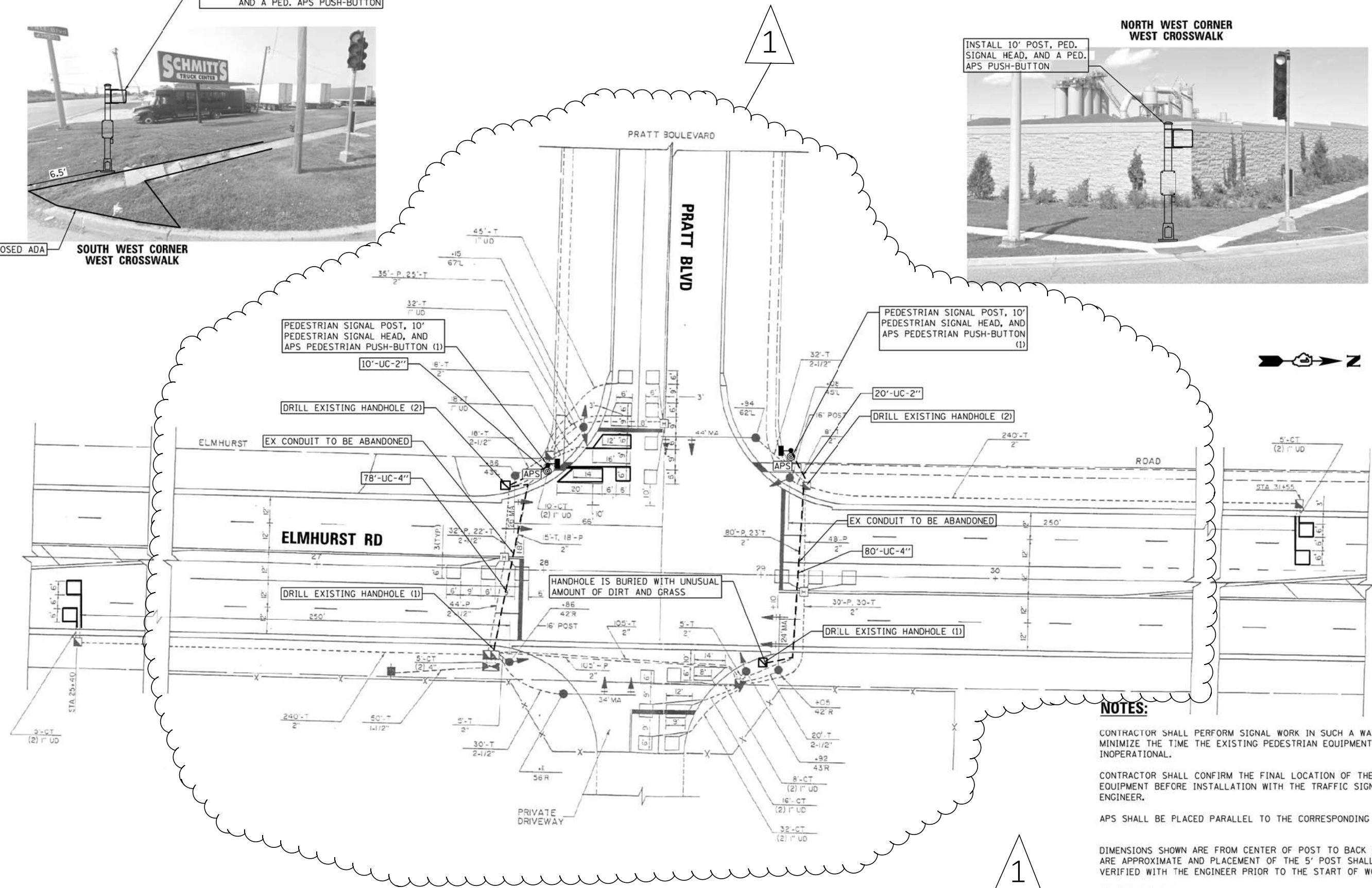
REVISOR 1 REVISED SHEET 10/29/2024

TS-21145
 ECON-76



APPROX. PROPOSED ADA SOUTH WEST CORNER WEST CROSSWALK

NORTH WEST CORNER WEST CROSSWALK



NOTES:

CONTRACTOR SHALL PERFORM SIGNAL WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE EXISTING PEDESTRIAN EQUIPMENT IS INOPERATIONAL.

CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL AREA ENGINEER.

APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSS WALK.

DIMENSIONS SHOWN ARE FROM CENTER OF POST TO BACK OF CURB AND ARE APPROXIMATE AND PLACEMENT OF THE 5' POST SHALL BE VERIFIED WITH THE ENGINEER PRIOR TO THE START OF WORK.

STATIONING SHOWN ON TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND WILL NOT MATCH OTHER PLANS.

SW & NW CORNER HAS A PROPOSED ADA RAMP.

1 REVISED SHEET 10/29/2024

1

MODEL: TS-f (Sheet) - SHT 64
FILE NAME: c:\pw\work\ts\signal\10068110107022-sh1-TS.dgn



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PLOT SCALE = 2,0000' / in.	DRAWN - RC	REVISED -
PLOT DATE = 9/24/2024	CHECKED - TN	REVISED -
	DATE - 9/24/2024	REVISED -

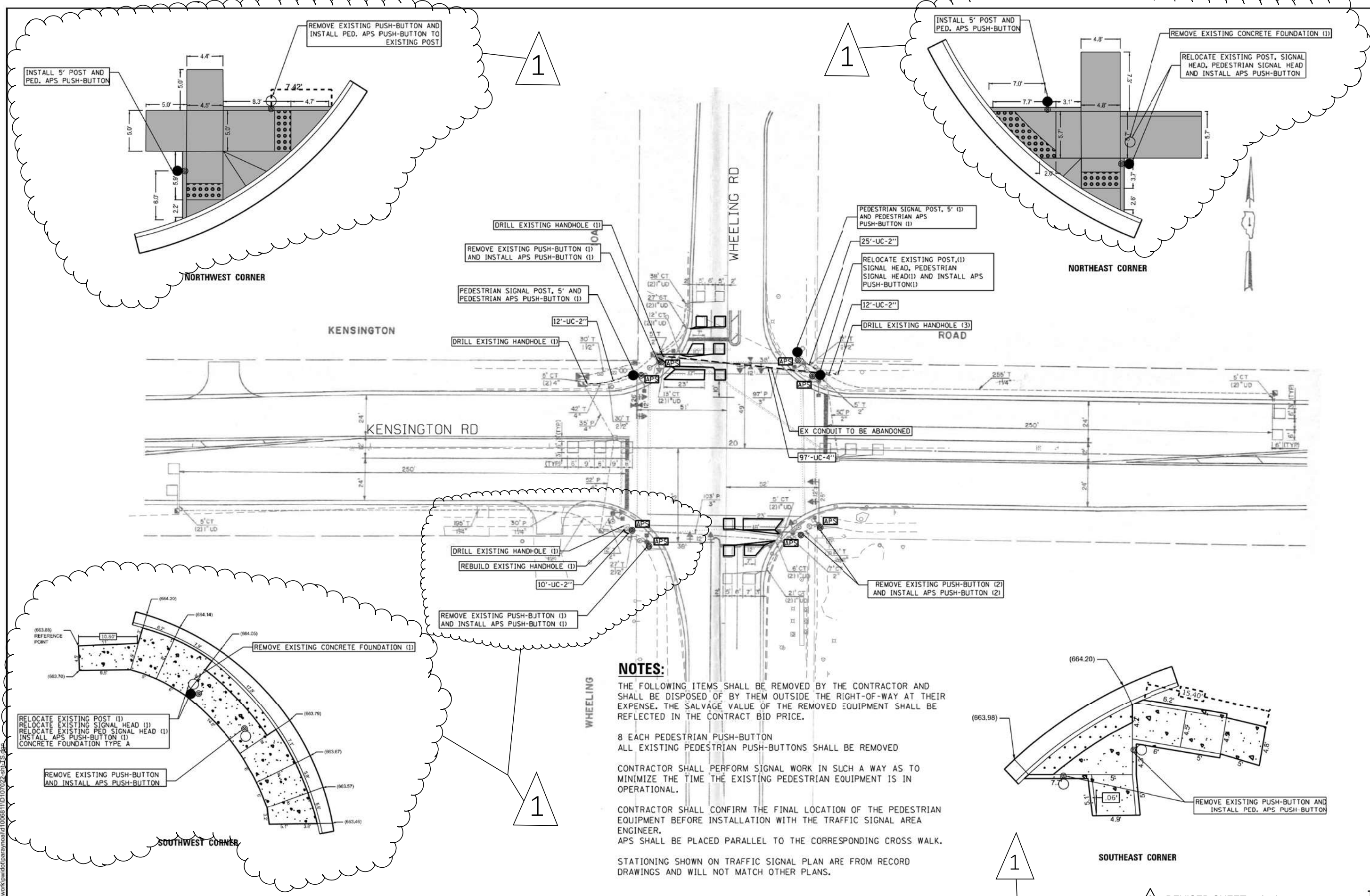
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLAN
ELMHURST RD AT PRATT BLVD

SCALE: SHEET OF 32 SHEETS STA TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2021-171-SW	COOK	101	64
CONTRACT NO. 62P92				
ILLINOIS FED. AID PROJECT				

TS-21150
ECON-76



NOTES:

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

8 EACH PEDESTRIAN PUSH-BUTTON
ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED

CONTRACTOR SHALL PERFORM SIGNAL WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE EXISTING PEDESTRIAN EQUIPMENT IS IN OPERATIONAL.

CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL AREA ENGINEER.
APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSS WALK.

STATIONING SHOWN ON TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND WILL NOT MATCH OTHER PLANS.

MODEL: TS-R (Sheet) - SMT68
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PLOT SCALE = 50.0000" / 1"	DRAWN - LN	REVISED -
PLOT DATE = 9/26/2024	CHECKED - TN	REVISED -
	DATE - 9/26/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLAN
KENSINGTON RD AT WHEELING RD

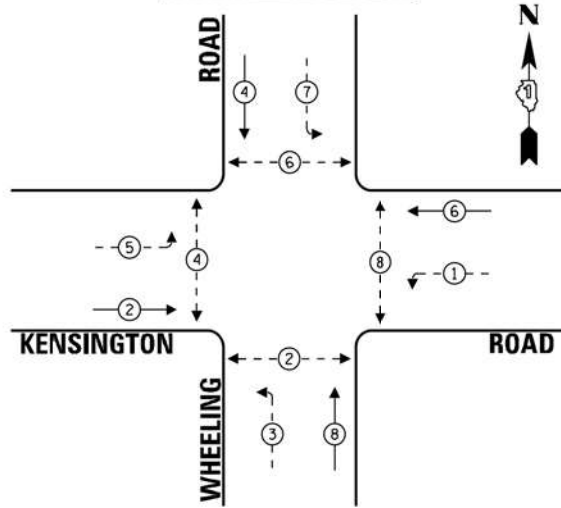
SCALE: SHEET OF 32 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-171-SW	COOK	101	66
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62P92	

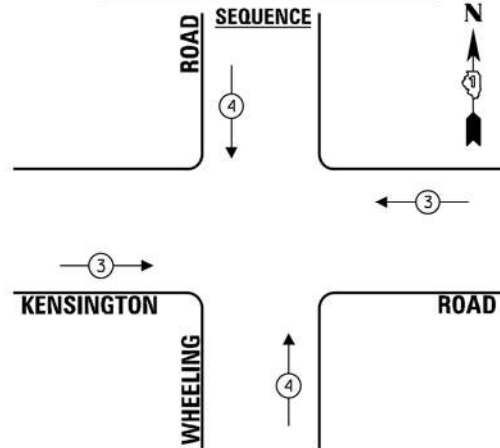
1 REVISED SHEET 10/29/2024

TS-5390

CONTROLLER SEQUENCE



EMERGENCY VEHICLE PREEMPTION SEQUENCE



LEGEND:

- ← ⊙ → PROTECTED PHASE
- ← ⊙ - - → PROTECTED/PERMITTED PHASE
- ← ⊙ ⊙ → PEDESTRIAN PHASE
- ← ⊙ OL → OVERLAP

SCHEDULE OF QUANTITIES

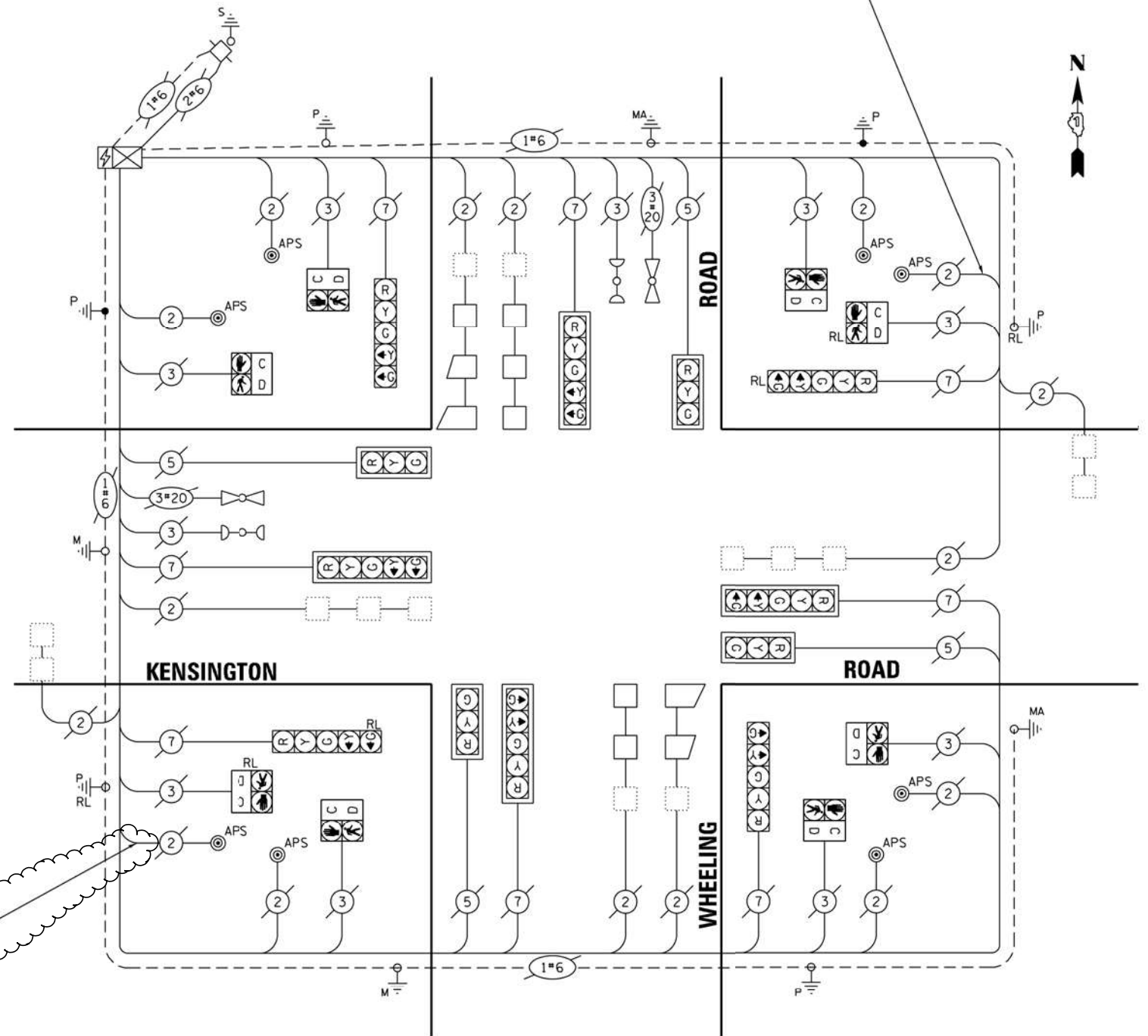
ITEM DESCRIPTION	UNIT	QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	59
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	97
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	573
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	110
CONCRETE FOUNDATION, TYPE A	FOOT	8
DRILL EXISTING HANDHOLE	EACH	6
DETECTOR LOOP, TYPE I	FOOT	496
RELOCATE EXISTING SIGNAL HEAD	EACH	2
RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	2
RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	2
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	243
REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	393
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REBUILD EXISTING HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	2
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	2
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	8
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	TOTAL WATTAGE
SIGNAL HEAD			
3-SECTION	4	11	44
4-SECTION	-	14	-
5-SECTION	8	13	104
PROGRAMMABLE SIGNALS			
3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PED. SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION			
RADAR	-	20	-
VIDEO	-	20	-
BLANK-OUT SIGN			
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING =		443	
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING =		1048	

ENERGY COSTS TO:
VILLAGE OF MOUNT PROSPECT
 50 S EMERSON ST.
 MOUNT PROSPECT, IL 600056
 ENERGY SUPPLY:
 CONTACT: New Business Dept
 PHONE: (866) 639-3532
 COMPANY: ComEd
 ACCOUNT NUMBER: 52280-00007

RELOCATE EX TRAFFIC SIGNAL POST TO ACCOMMODATE APS PUSH-BUTTON



RELOCATE EX TRAFFIC SIGNAL POST TO ACCOMMODATE APS PUSH-BUTTON

1

CABLE PLAN, CONTROLLER SEQUENCE KENSINGTON RD AT WHEELING RD

REVISOR: [Symbol] REVISED SHEET 10/29/2024

TS-5390

MODEL: TS-5 (Sheet) - SHT 67
FILE NAME: c:\pwworking\millennia\110107022-sh1-TS.dwg



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 PLOT DATE = 9/26/2024

DESIGNED - JC
 DRAWN - RC
 CHECKED - TN
 DATE - 9/26/2024
 REVISIONS:
 1 ALP 10/23/24

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

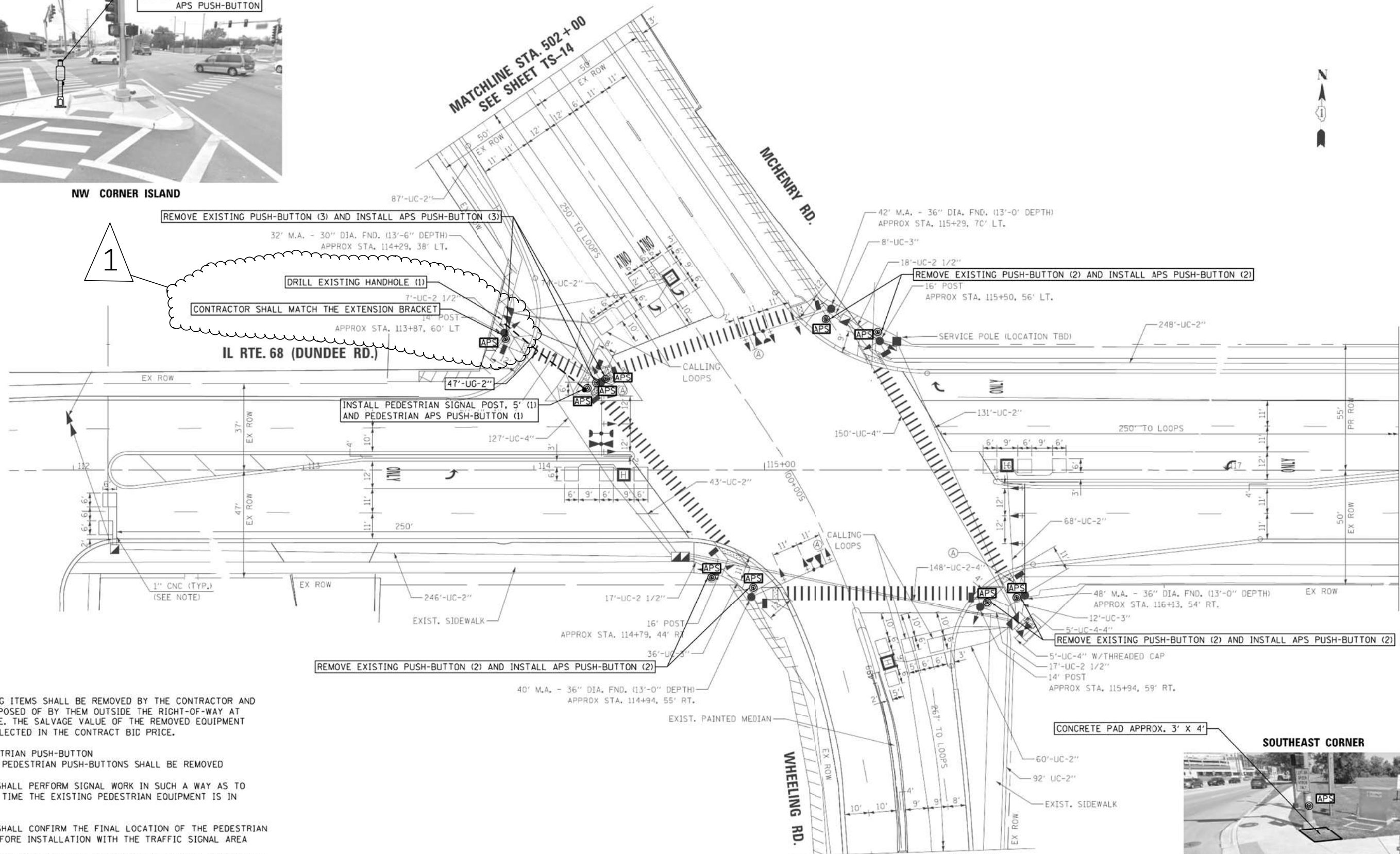
SCALE: SHEET NO. 1 OF 1 SHEET TOTAL TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-171-SW	COOK	101	67
CONTRACT NO. 62P92				
ILLINOIS FED. AID PROJECT				



INSTALL 5' POST, PED. SIGNAL HEAD, AND A PED. APS PUSH-BUTTON

NW CORNER ISLAND

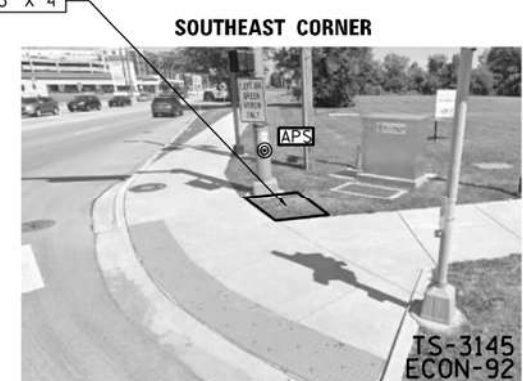


1

1

MATCHLINE STA. 117 + 75
SEE SHEET TS-14

MATCHLINE STA. 498 + 25
SEE SHEET TS-14



SOUTHEAST CORNER

TS-3145
ECON-92

NOTES:

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

9 EACH PEDESTRIAN PUSH-BUTTON
ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED

CONTRACTOR SHALL PERFORM SIGNAL WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE EXISTING PEDESTRIAN EQUIPMENT IS IN OPERATIONAL.

CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL AREA ENGINEER.
APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSS WALK.

STATIONING SHOWN ON TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND WILL NOT MATCH OTHER PLANS.

NW CORNER AND PARTIAL PART OF THE ISLAND HAS A PROPOSED ADA RAMP.

REVISIION SHEET 10/29/2024

MODEL: TS-14 (Sheet) - SHT 68
FILE NAME: c:\pwworkspace\paranym\110107022.sht-TS.dgn



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PLOT DATE = 9/25/2024	CHECKED - TN	REVISED -
	DATE - 9/25/2024	REVISED -

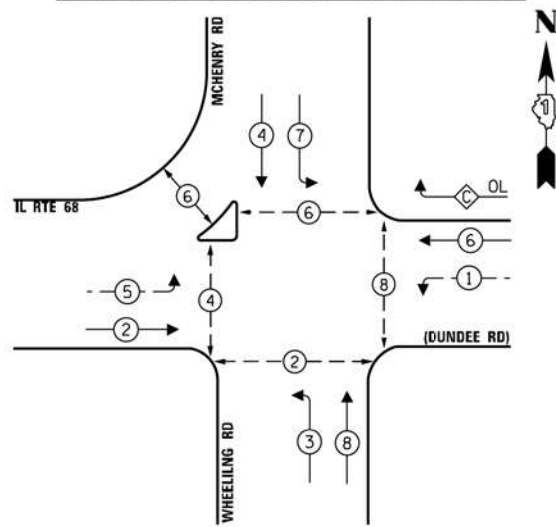
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLAN
IL RTE 68 AT MCHENRY RD

SCALE: SHEET OF 32 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-171-SW	COOK	101	68
CONTRACT NO. 62P92			ILLINOIS FED. AID PROJECT	

PROPOSED CONTROLLER SEQUENCE



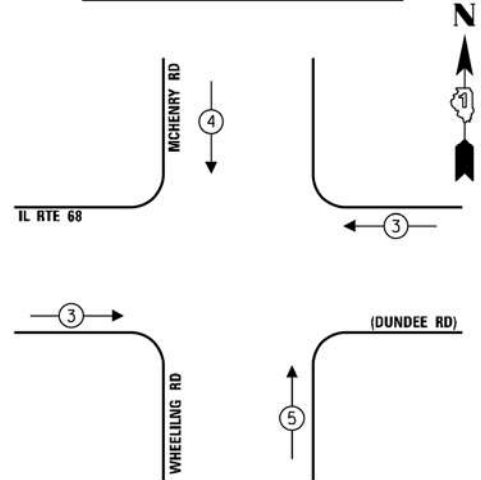
LEGEND:

- ← ⊙ ← PROTECTED PHASE
- ← ⊙ ← PROTECTED/PERMITTED PHASE
- ← ⊙ → PEDESTRIAN PHASE
- ← ⊙ OL OVERLAP

RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
C	6	7

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	TOTAL WATTAGE
SIGNAL HEAD			
3-SECTION	15	11	165
4-SECTION	-	14	-
5-SECTION	6	13	78
PROGRAMMABLE SIGNALS			
3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PED. SIGNAL	10	15	150
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION	RADAR	20	-
	VIDEO	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING =		568	
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	4	240	960
TOTAL SERVICE WIRE SIZING =		2133	

ENERGY COSTS TO: THE VILLAGE OF WHEELING

2 Community Boulevard
Wheeling, IL 60090

ENERGY SUPPLY:

CONTACT: New Business Dept
PHONE: (866) 639-3532
COMPANY: ComEd

ACCOUNT NUMBER: 25360-84029

IL RTE 68 (DUNDEE RD)

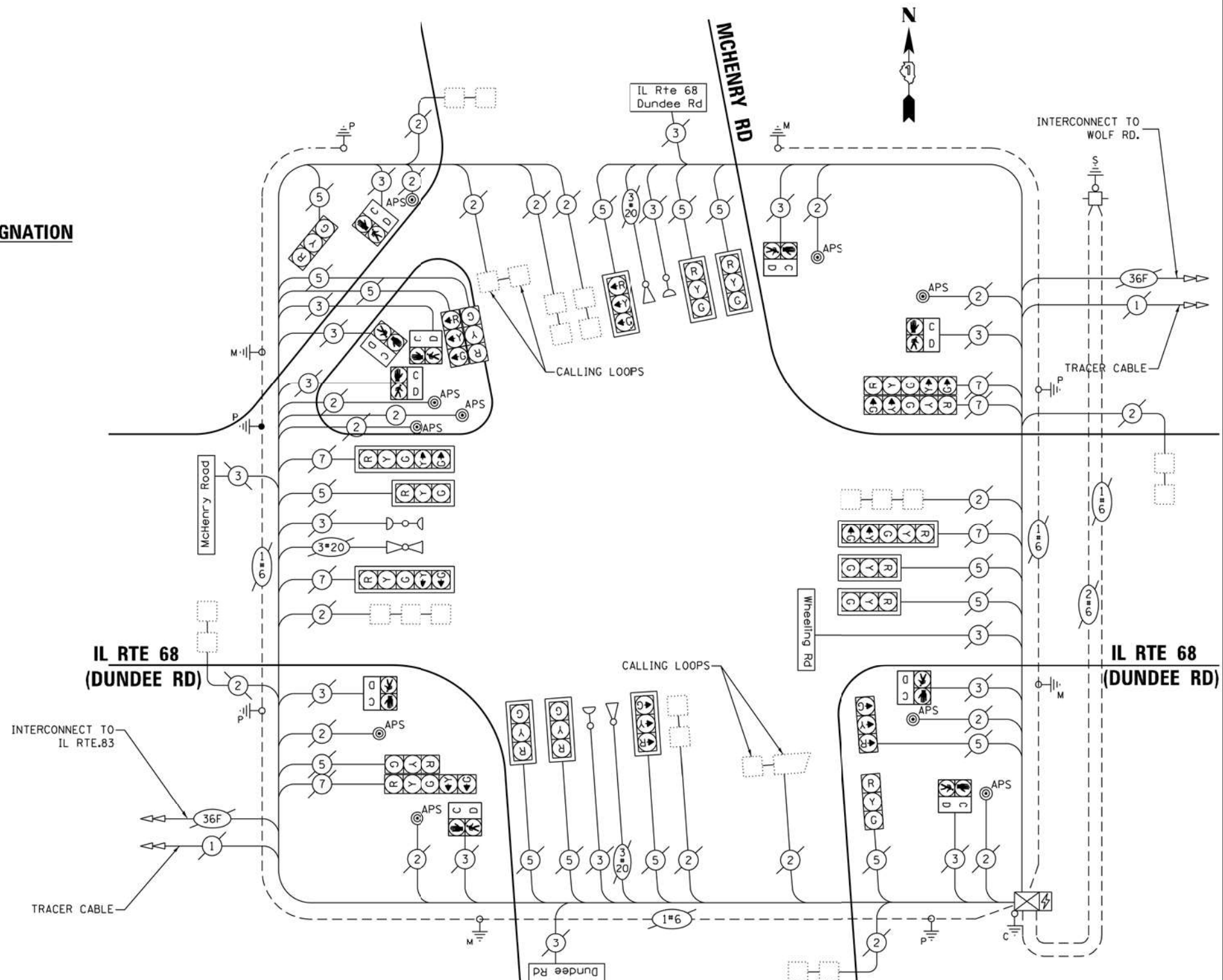
INTERCONNECT TO IL RTE.83

TRACER CABLE

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QUANTITY
PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ.FT	12
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	47
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	382
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	65
DRILL EXISTING HANDHOLE	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	10
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	4
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

CABLE PLAN



CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE IL RTE 68 AT MCHENRY RD

SCALE: SHEET OF 32 SHEETS STA. TO STA.

REVISI 1 REVISI 10/29/2024

TS-3145
ECON-92

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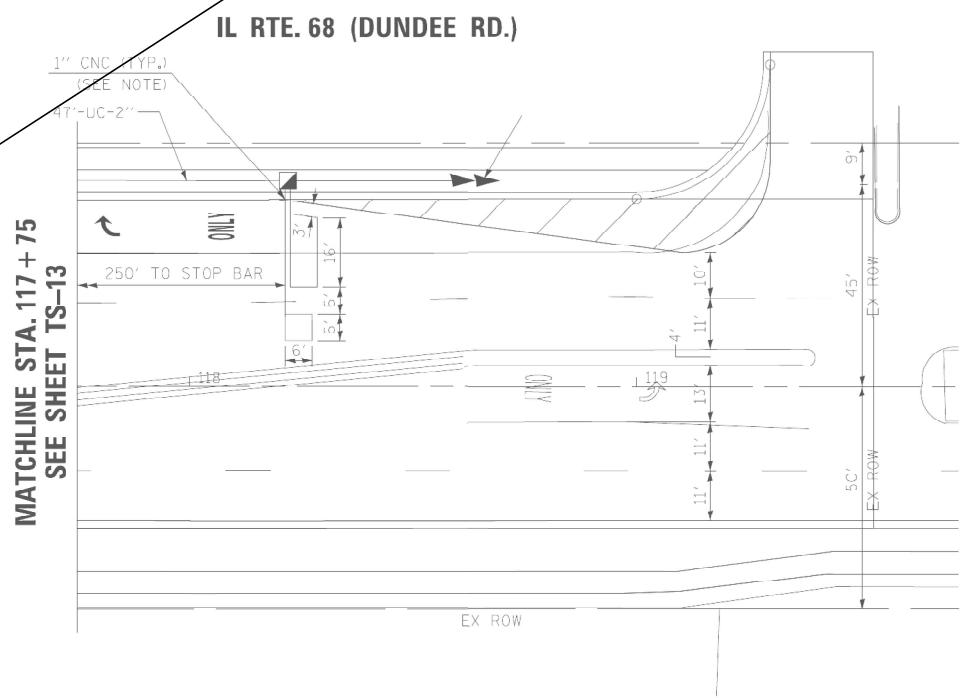
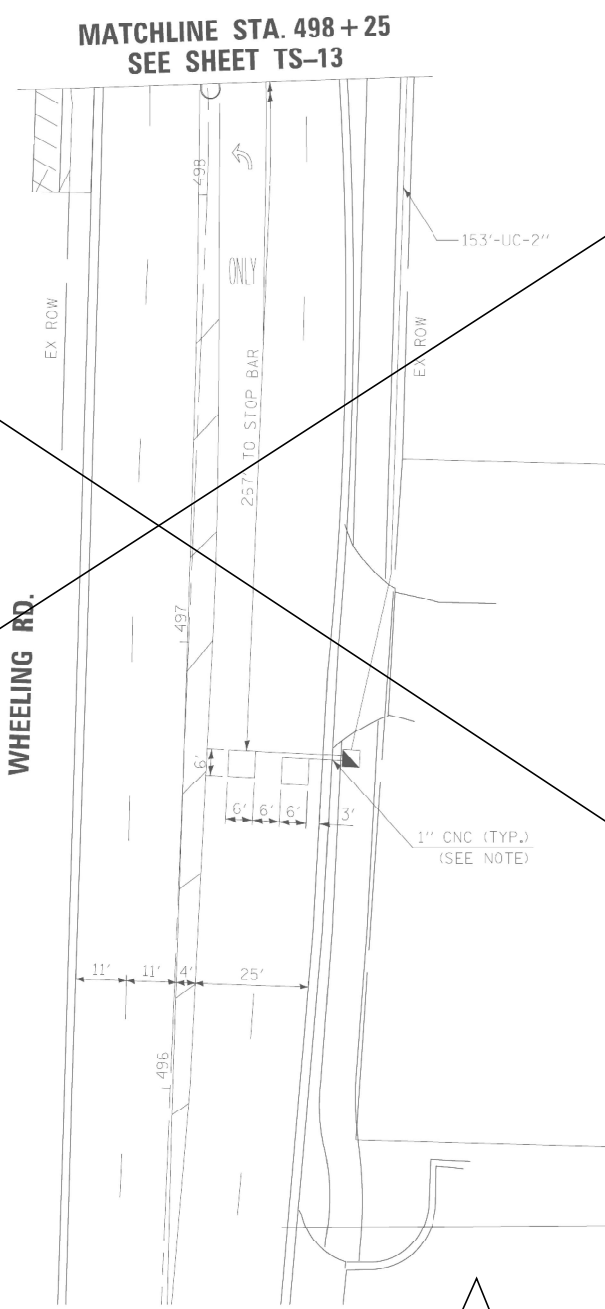
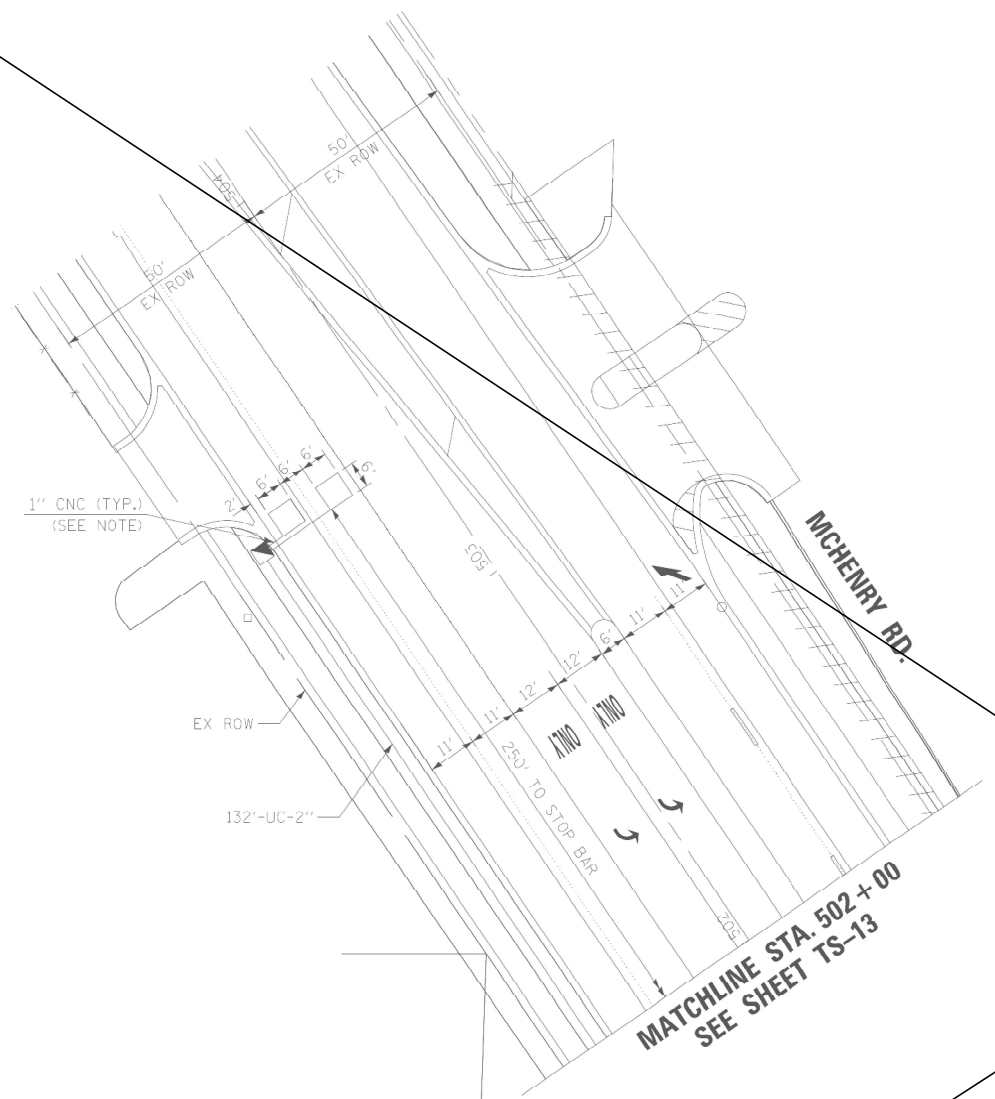
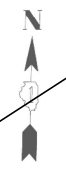
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DESIGNED - JC
DRAWN - RC
CHECKED - TN
DATE - 9/26/2024

REVISI - ALP 10/23/24
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-171-SW	COOK	101	69

CONTRACT NO. 62P92
ILLINOIS FED. AID PROJECT



FILE NAME: c:\p1\work\hwy68\p1\1017022-311-TS.dgn
 PLOT DATE: 11/13/2023

1

DELETED ENTIRE SHEET 10/29/2024

TS-3145
ECON-92



USER NAME = jcovarrubias	DESIGNED - JC	REVISED - ALP 10 / 23 / 24
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PLOT SCALE = 2,0000' / in.	CHECKED - TN	REVISED -
PLOT DATE = 11/13/2023	DATE - 11/13/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFA CORNER	
IL RTE 68 AT MCHENRY RD	
SCALE:	SHEET OF 32 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-171-SW	COOK	101	69
CONTRACT NO. 62P92				
ILLINOIS FED. AID PROJECT				

THIS INTERSECTION IS DELETED FROM THIS CONTRACT.

MATCHLINE (SEE SHEET A)



NOTES:

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

8 EACH PEDESTRIAN PUSH-BUTTON

ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED

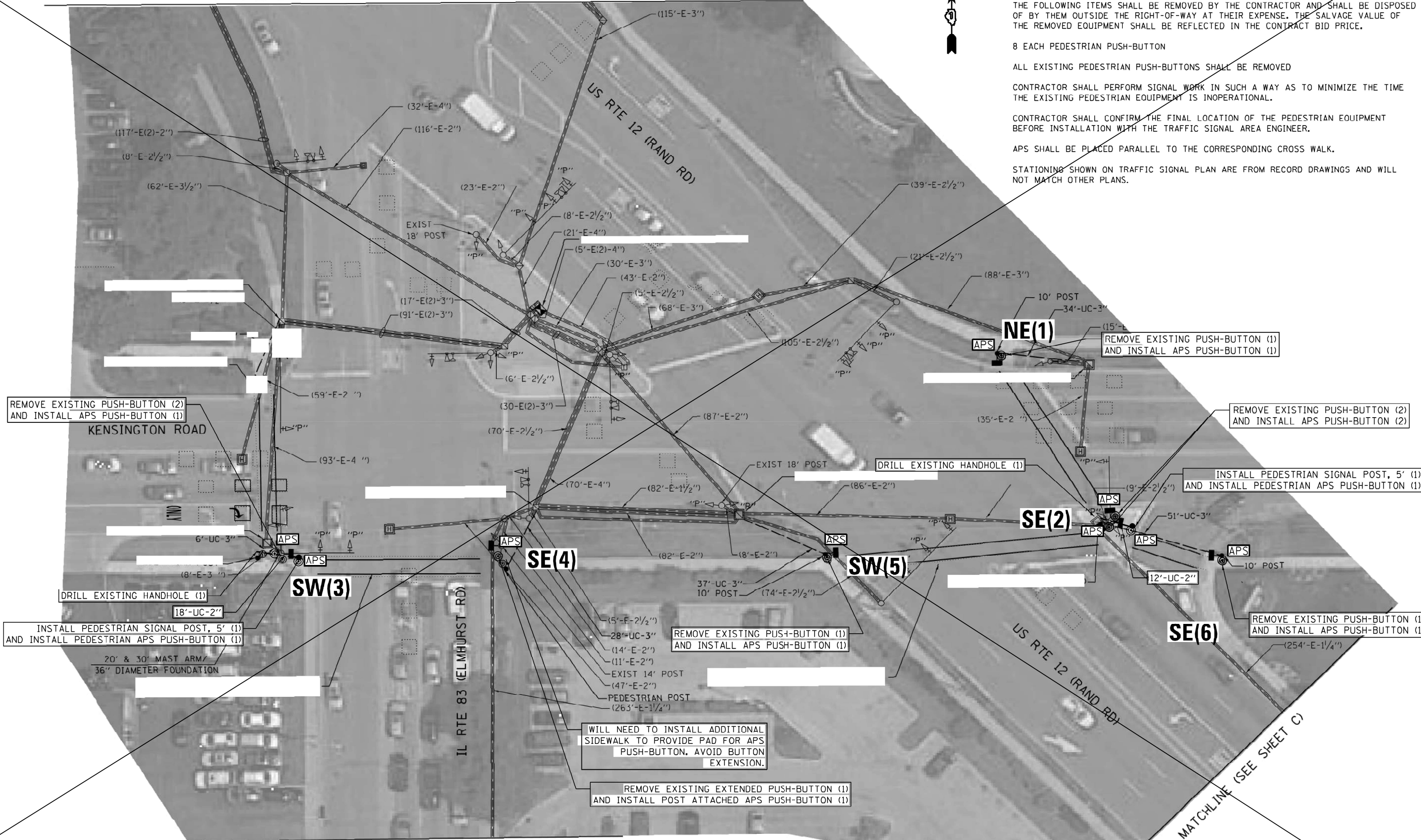
CONTRACTOR SHALL PERFORM SIGNAL WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE EXISTING PEDESTRIAN EQUIPMENT IS INOPERATIONAL.

CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL AREA ENGINEER.

APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSS WALK.

STATIONING SHOWN ON TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND WILL NOT MATCH OTHER PLANS.

1



MATCHLINE (SEE SHEET B)

THIS INTERSECTION IS DELETED FROM THIS CONTRACT.

1 DELETED ENTIRE SHEET 10/29/2024

TS-380
ECON-194

MODEL: TS-1 (Sheet)
FILE NAME: c:\work\pwwork\paraymca\10068811\10107022-shr-TS.dgn



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PLOT SCALE = 40.0000' / in.	CHECKED - TN	REVISED -
PLOT DATE = 8/15/2024	DATE - 8/15/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLAN
U.S ROUTE 12 - ELMHURST RD (IL RTE 83) - KENSINGTON RD
SCALE: SHEET OF 32 SHEETS STA. TO STA.

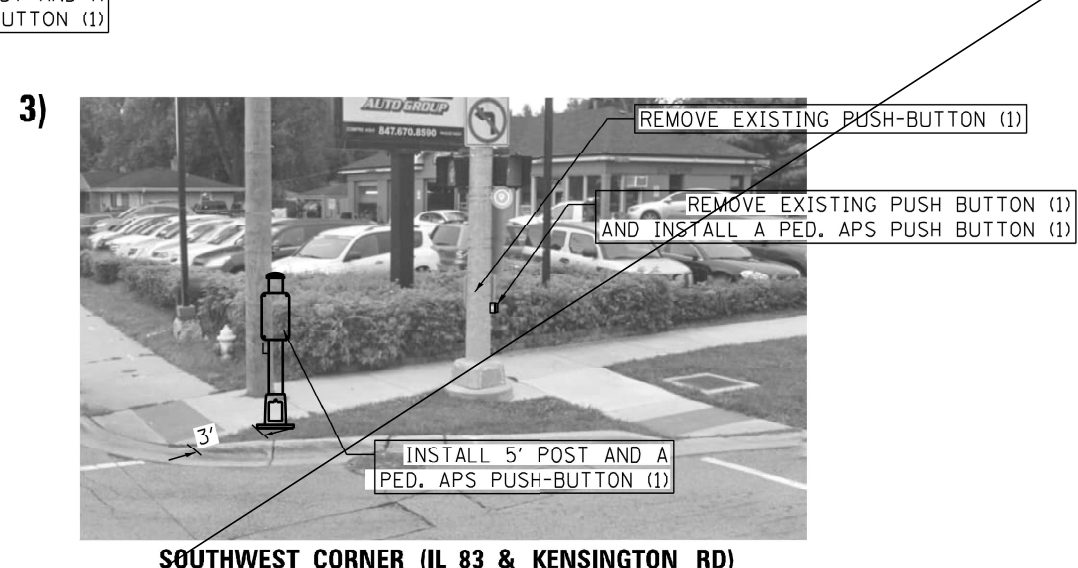
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-171-SW	COOK	101	71
CONTRACT NO. 62P92				
ILLINOIS FED. AID PROJECT				



NORTHEAST CORNER (US12 & KENSINGTON RD)



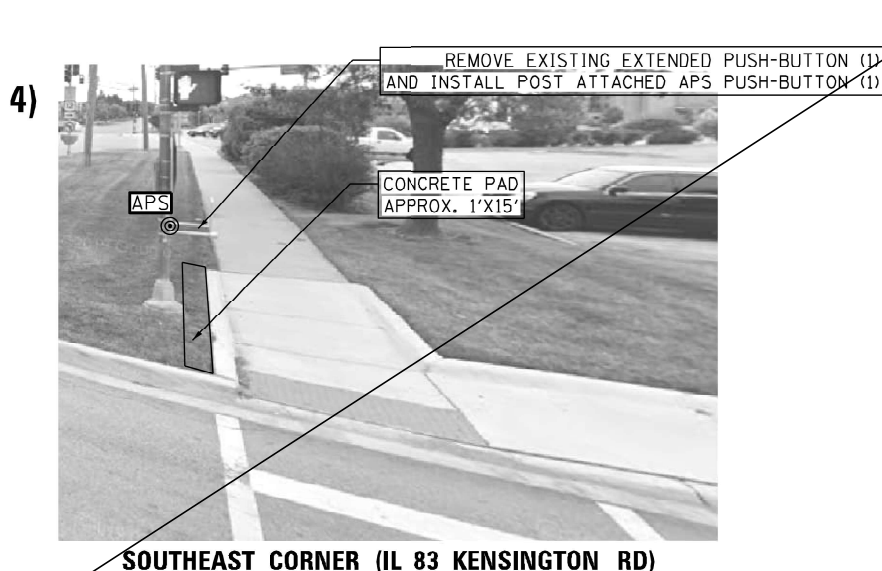
SOUTHEAST ISLAND



SOUTHWEST CORNER (IL 83 & KENSINGTON RD)

THIS INTERSECTION - US12 - ELMHURST RD - KENSINGTON RD. -- IS DELETED FROM THIS CONTRACT. IT IS AN IMPROVEMENT PROJECT BY THE LOCALS.

THIS INTERSECTION - US12 - ELMHURST RD - KENSINGTON RD. -- IS DELETED FROM THIS CONTRACT. IT IS AN IMPROVEMENT PROJECT BY THE LOCALS.



SOUTHEAST CORNER (IL 83 KENSINGTON RD)



SOUTHWEST CORNER (US12 & KENSINGTON RD)



SOUTHEAST CORNER (US12 & KENSINGTON RD)

1

DELETED ENTIRE SHEET 10/29/2024

TS-380
ECON-194

MODEL: TS-14 (Sheet)
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PLOT DATE = 8/15/2024	CHECKED - TN	REVISED -
	DATE - 8/15/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC DESIGN PLAN
U.S ROUTE 12 – ELMHURST RD – KENSINGTON RD
SCALE: SHEET OF 32 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-171-SW	COOK	101	72
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62P92	

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QUANTITY
PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	21
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	30
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	788
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	49
DRILL EXISTING HANDHOLE	EACH	2
DETECTOR LOOP, TYPE I	FOOT	166
MODIFY EXISTING CONTROLLER	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	240
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	2
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	9
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	8

THIS INTERSECTION - US-12 - ELMHURST RD - KENSINGTON RD. -- IS DELETED FROM THIS CONTRACT. IT IS AN IMPROVEMENT PROJECT BY THE LOCALS.

THIS INTERSECTION - US-12 - ELMHURST RD - KENSINGTON RD. -- IS DELETED FROM THIS CONTRACT. IT IS AN IMPROVEMENT PROJECT BY THE LOCALS.

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	TOTAL WATTAGE
SIGNAL HEAD			
3-SECTION	16	11	176
4-SECTION	-	14	-
5-SECTION	4	13	42
PROGRAMMABLE SIGNALS			
3-SECTION	29	22	638
4-SECTION	-	32	-
5 SECTION	2	28	56
PED. SIGNAL	16	15	240
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION			
RADAR	-	20	-
VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING =		1500	
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING =		1942	

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, IL 60196

ENERGY SUPPLY:
CONTACT: New Business Dept
PHONE: (866) 639-3532
COMPANY: ComEd
ACCOUNT NUMBER: 02280-22062

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

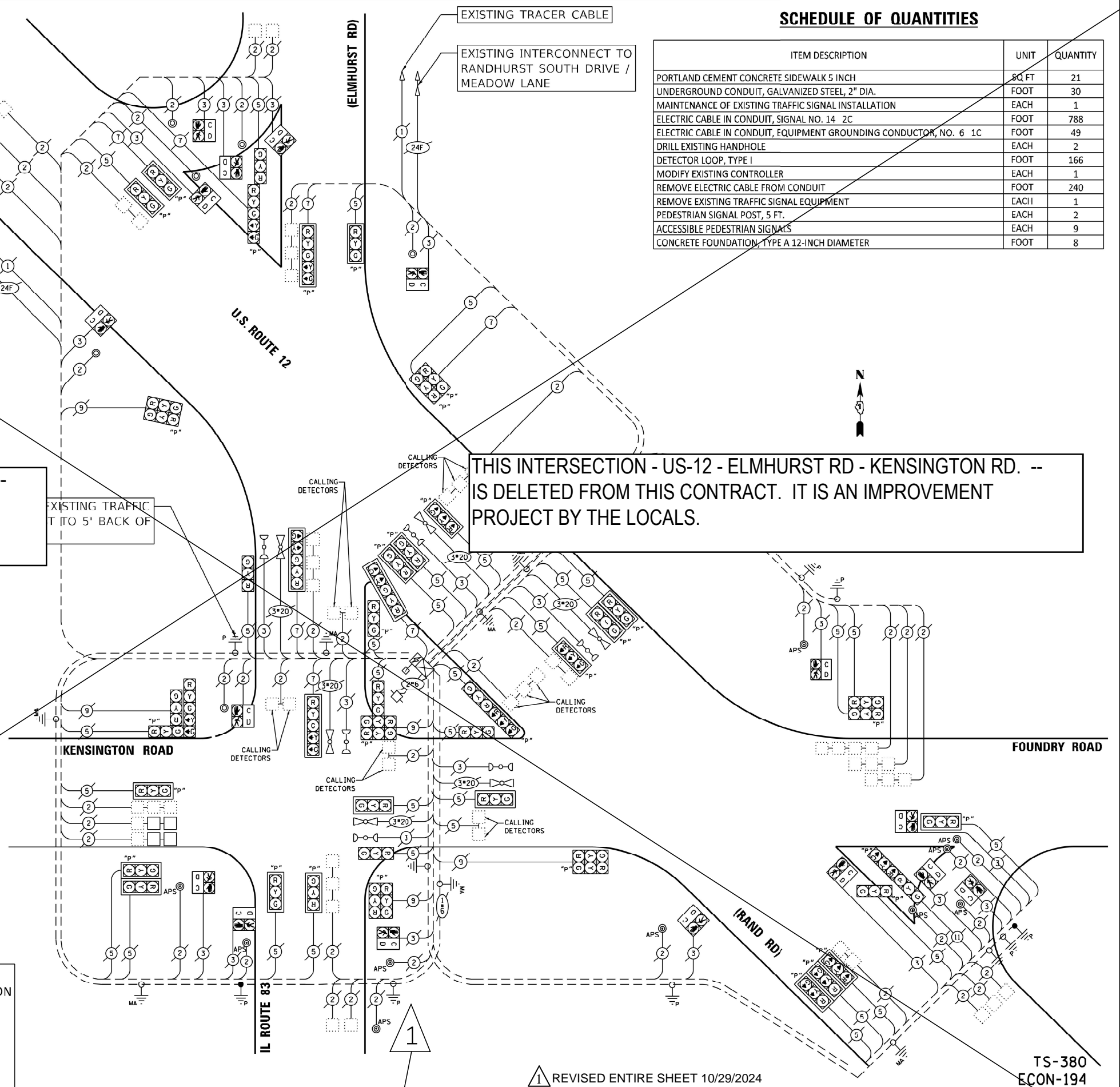
AAACORINERS
U.S. RTE 12 - ELMHURST RD - KENSINGTON RD

SCALE: SHEET OF 32 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-171-SW	COOK	101	73
CONTRACT NO. 62P92				
ILLINOIS FED. AID PROJECT				

TS-380
ECON-194

REVISD ENTIRE SHEET 10/29/2024

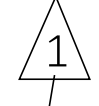


SEQUENCE OF OPERATIONS

MOVEMENT	3+7																3+8								4+7												4+8												6																FLASH
PHASE	3+7																3+8								4+7												4+8												6																
INTERVAL	16	17	18	19A	19B	20	21	22	23	24A	24B	24C	24D	25A	225B	25C	25D	26	27	28	29A	29B	29C	29D	30A	30B	30C	30D	31	32	33A	33B	33C	33D	34A	34B	34C	34D																											
CHANGE TO	3+8																4+8								1, 6												2												1																
IL RTE 83 (ELMHURST RD) KENSINGTON / FOUNDRY RD NEAR AND FAR RIGHT SIGNALS N/B	G	G	G	Y	R	G	G	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R																								
IL RTE 83 (ELMHURST RD) KENSINGTON / FOUNDRY RD MAST ARM AND FAR LEFT SIGNALS N/B	G	G	G	G	Y	R	G	G	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R																							
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) NEAR AND FAR RIGHT SIGNALS N/B	R	R	R	R	R	G	G	R	R	R	R	R	R	R	R	R	R	R	G	G	G	G	Y	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R																						
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) MAST ARM FAR LEFT SIGNALS N/B	R	R	R	R	R	G	G	R	R	R	R	R	R	R	R	R	R	R	G	G	G	G	Y	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R																						
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) NEAR AND FAR RIGHT SIGNALS S/B	R	R	R	R	R	R	R	G	G	Y	R	R	R	R	R	R	R	R	G	G	G	G	Y	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R																					
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) MAST ARM AND FAR LEFT SIGNALS S/B	R	R	R	R	R	R	R	G	G	Y	R	R	R	R	R	R	R	R	G	G	G	G	Y	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R																					
IL RTE 83 (ELMHURST RD) AT KENSINGTON / FOUNDRY RD ALL SIGNALS S/B	R	R	R	R	R	R	R	G	G	G	Y	R	G	G	G	G	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R																				
KENSINGTON / FOUNDRY RD AT IL RTE 83 (ELMHURST RD) ALL SIGNALS E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R																			
KENSINGTON / FOUNDRY RD AT US RTE 12 (RAND RD) ALL SIGNALS E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R																		
KENSINGTON / FOUNDRY RD AT US RTE 12 (RAND RD) ALL SIGNALS W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R																	
KENSINGTON / FOUNDRY RD AT IL RTE 83 (ELMHURST RD) ALL SIGNALS W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R																
US RTE 12 (RAND RD) AT KENSINGTON/FOUNDRY RD NEAR AND FAR RIGHT AND MID MAST ARM SIGNALS NW/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R																
US RTE 12 (RAND RD) AT KENSINGTON/FOUNDRY RD LEFT TURN SIGNALS NW/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R																
US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD) ALL SIGNALS NW/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R															
US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD) NEAR AND FAR RIGHT AND MID MAST ARM SIGNALS SE/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R															
US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD) LEFT TURN SIGNALS SE/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R															
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD NEAR AND FAR RIGHT AND MID MAST ARM SIGNALS SE/B	G	G	G	G	G	G	G	G	G	G	G	Y	R	G	G	G	G	G	G	G	G	G	Y	R	G	G	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R															
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD LEFT TURN SIGNALS SE/B	G	G	G	G	G	G	G	G	G	G	Y	R	G	G	G	G	G	G	G	G	G	G	Y	R	G	G	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R															
PEDESTRIAN CROSSING US RTE 12 (RAND RD) TO NORTH CORNER ISLAND	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW																
PEDESTRIAN CROSSING US 12 CORNER ISLAND TO NORTHEAST SIDE OF IL 83	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW															
PEDESTRIAN CROSSING US RTE 12 (RAND RD) CORNER ISLAND TO SW CORNER OF IL 83	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW															
PEDESTRIAN CROSSING SE CORNER TO SOUTHEAST ISLAND	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW															
PEDESTRIAN CROSSING KENSINGTON ISLAND TO NE CORNER OF US 12 (RAND RD)	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW															
PEDESTRIAN CROSSING US 12 CORNER ISLAND TO SW KENSINGTON CORNER	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW															

THIS INTERSECTION - US12 - ELMHURST RD - KENSINGTON RD. -- IS DELETED FROM THIS CONTRACT. IT IS AN IMPROVEMENT PROJECT BY THE LOCALS.

1 DELETED ENTIRE SHEET 10/29/2024



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PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/14/2023	CHECKED - TN	REVISED -
	DATE - 11/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CORNERS

SCALE: SHEET OF 32 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2021-171-SW	COOK	101	75
CONTRACT NO. 62P92				
ILLINOIS FED. AID PROJECT				

TS-380
ECON-194

RECORD DRAWING
Print (Plot) as is .TIF 380

FIRE LANE NO.1 PHASE 1 EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION

CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	MOVEMENT																					FIRE LANE NO. 1	CLEAR TO NORMAL SEQUENCE
	1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1P	1Q	1R	1S	1T	1U	1V	1W		
EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	2	1C	2	1E	1F	1G	2	1J	2	1L	2	1N	1P	1Q	2	1S	1T	1U	2	1W	2		
IL RTE 83 (ELMHURST RD) KENSINGTON / FOUNDRY RD NEAR AND FAR RIGHT SIGNALS	N/B	R	R	R	R	R	R	R	Y	R	Y	R	R	R	R	Y	R	R	R	R	R	R	
IL RTE 83 (ELMHURST RD) KENSINGTON / FOUNDRY RD MAST ARM AND FAR LEFT SIGNALS	N/B	R	R	R	R	R	R	Y	R	Y	R	R	R	R	R	Y	R	R	R	R	R	R	
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) NEAR AND FAR RIGHT SIGNALS	N/B	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	Y	R	R	R	R	R	R	
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) MAST ARM AND FAR LEFT SIGNALS	N/B	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	Y	R	R	R	R	R	R	
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) NEAR AND FAR RIGHT SIGNALS	S/B	R	R	R	R	R	R	R	R	R	Y	R	R	R	R	Y	R	R	R	R	R	R	
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) MAST ARM AND FAR LEFT SIGNALS	S/B	R	R	R	R	R	R	R	R	R	Y	R	R	R	R	Y	R	R	R	R	R	R	
IL RTE 83 (ELMHURST RD) AT KENSINGTON / FOUNDRY RD ALL SIGNALS	S/B	R	Y	R	G	G	Y	R	R	R	R	R	R	R	R	G	G	Y	R	R	R	R	
KENSINGTON/FOUNDRY RD AT IL RTE 83 (ELMHURST RD) ALL SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	
KENSINGTON/FOUNDRY RD AT US RTE 12 (RAND RD) ALL SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	
KENSINGTON/FOUNDRY RD AT US RTE 12 (RAND RD) ALL SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	
KENSINGTON/FOUNDRY RD AT IL RTE 83 (ELMHURST RD) ALL SIGNALS	W/B	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD NEAR AND FAR RIGHT AND MID MAST ARM SIGNALS	NW/B	G	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD LEFT TURN SIGNALS	NW/B	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD) ALL SIGNALS	NW/B	G	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	
US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD) NEAR AND FAR RIGHT AND MID MAST ARM SIGNALS	SE/B	R	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD) LEFT TURN SIGNALS	SE/B	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD NEAR AND FAR RIGHT AND MID MAST ARM SIGNALS	SE/B	R	Y	R	G	G	Y	R	Y	R	Y	R	G	Y	R	G	G	Y	R	R	R	R	
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD LEFT TURN SIGNALS	SE/B	R	R	R	G	G	Y	R	Y	R	Y	R	G	Y	R	G	G	Y	R	R	R	R	
PEDESTRIAN CROSSING US RTE 12 (RAND RD) TO NORTH CORNER ISLAND	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	
PEDESTRIAN CROSSING US 12 CORNER ISLAND TO NORTHEAST SIDE OF IL 83	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	
PEDESTRIAN CROSSING US RTE 12 (RAND RD) CORNER ISLAND TO SW CORNER OF IL 83	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	
PEDESTRIAN CROSSING SE CORNER TO SOUTHEAST ISLAND	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	
PEDESTRIAN CROSSING KENSINGTON ISLAND TO NE CORNER OF US 12 (RAND RD)	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	
PEDESTRIAN CROSSING US 12 CORNER ISLAND TO SW KENSINGTON CORNER	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	

FIRE LANE NO.2 PHASE 5 EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION

CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	MOVEMENT																					FIRE LANE NO. 2	CLEAR TO NORMAL SEQUENCE
	1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1P	1Q	1R	1S	1T	1U	1V	1W		
EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1B	1C	1D	2	1F	2	2	1J	2	1L	2	1N	2	1Q	2	1S	2						
IL RTE 83 (ELMHURST RD) KENSINGTON / FOUNDRY RD NEAR AND FAR RIGHT SIGNALS	N/B	R	R	R	R	R	R	Y	R	Y	R	R	R	R	Y	R	R	R	R	R	R	R	
IL RTE 83 (ELMHURST RD) KENSINGTON / FOUNDRY RD MAST ARM AND FAR LEFT SIGNALS	N/B	R	R	R	R	R	R	Y	R	Y	R	R	R	R	Y	R	R	R	R	R	R	R	
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) NEAR AND FAR RIGHT SIGNALS	N/B	R	R	R	R	R	R	R	Y	R	R	R	R	R	Y	R	R	R	R	R	R	R	
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) MAST ARM AND FAR LEFT SIGNALS	N/B	R	R	R	R	R	R	R	Y	R	R	R	R	R	Y	R	R	R	R	R	R	R	
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) NEAR AND FAR RIGHT SIGNALS	S/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) MAST ARM AND FAR LEFT SIGNALS	S/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
IL RTE 83 (ELMHURST RD) AT KENSINGTON / FOUNDRY RD ALL SIGNALS	S/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
KENSINGTON/FOUNDRY RD AT IL RTE 83 (ELMHURST RD) ALL SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	
KENSINGTON/FOUNDRY RD AT US RTE 12 (RAND RD) ALL SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	
KENSINGTON/FOUNDRY RD AT US RTE 12 (RAND RD) ALL SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	
KENSINGTON/FOUNDRY RD AT IL RTE 83 (ELMHURST RD) ALL SIGNALS	W/B	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD NEAR AND FAR RIGHT AND MID MAST ARM SIGNALS	NW/B	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD LEFT TURN SIGNALS	NW/B	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD) ALL SIGNALS	NW/B	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD) NEAR AND FAR RIGHT AND MID MAST ARM SIGNALS	SE/B	R	R	R	R	G	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	G	
US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD) LEFT TURN SIGNALS	SE/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD NEAR AND FAR RIGHT AND MID MAST ARM SIGNALS	SE/B	R	R	R	R	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	R	G	
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD LEFT TURN SIGNALS	SE/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
PEDESTRIAN CROSSING US RTE 12 (RAND RD) TO NORTH CORNER ISLAND	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	
PEDESTRIAN CROSSING US 12 CORNER ISLAND TO NORTHEAST SIDE OF IL 83	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	
PEDESTRIAN CROSSING US RTE 12 (RAND RD) CORNER ISLAND TO SW CORNER OF IL 83	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	
PEDESTRIAN CROSSING SE CORNER TO SOUTHEAST ISLAND	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	
PEDESTRIAN CROSSING KENSINGTON ISLAND TO NE CORNER OF US 12 (RAND RD)	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	
PEDESTRIAN CROSSING US 12 CORNER ISLAND TO SW KENSINGTON CORNER	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	

◇ EMERGENCY VEHICLE SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY A DIFFERENT EMERGENCY VEHICLE INTERVAL AFTER EMERGENCY VEHICLE 2 IS TERMINATED.

THIS INTERSECTION - US12 - ELMHURST RD - KENSINGTON RD. -- IS DELETED FROM THIS CONTRACT. IT IS AN IMPROVEMENT PROJECT BY THE LOCALS.

1

RECORD DRAWINGS

Date (MMDDYYYY) 06-01-2018
 Signed [Signature]
 Print (First Last) [Name]

⚠ DELETED ENTIRE SHEET 10/29/2024

TS-380
ECON-194

MODEL: TS-18 (Sheet)
FILE NAME: c:\p\work\1711\17110107022-sh1-TS.dgn



USER NAME = jcovarrubias	DESIGNED - JC	REVISED - ALP 10 / 23 / 24
PLOT SCALE = 40.0000 ' / in.	CHECKED - TN	REVISED -
PLOT DATE = 11/14/2023	DATE - 11/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CORNERS

SCALE: SHEET OF 32 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-171-SW	COOK	101	76
CONTRACT NO. 62P92				
ILLINOIS / FED. AID PROJECT				

FIRE LANE NO. 2 PHASE 5 EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION

MOVEMENT	EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION																								FIRE LANE NO. 2	CLEAR TO NORMAL SEQUENCE
	1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1P	1Q	1R	1S	1T	1U	1V	1W	1X	1Y	1Z		
CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER																										
EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1P	1Q	1R	1S	1T	1U	1V	1W	1X	1Y	1Z		
CHANGE TO EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1B	1C	1D	2	1F	2	1H	1J	1K	2	2	2	1P	1Q	1R	2	1T	1U	1V	2	1Y	2				
IL RTE 83 (ELMHURST RD) KENSINGTON / FOUNDRY RD NEAR AND FAR RIGHT SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	G	G	R	R	R	G	G	G	G	R	R	G		◇	
IL RTE 83 (ELMHURST RD) KENSINGTON / FOUNDRY RD MAST ARM AND FAR LEFT SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	C	C	R	R	R	G	G	G	G	R	R	C		◇	
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) NEAR AND FAR RIGHT SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	R	G	G	R	R	R	G	G	G	G	R	R	G	◇	
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) MAST ARM FAR LEFT SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	R	C	C	R	R	R	H	G	G	G	G	R	C	◇	
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) NEAR AND FAR RIGHT SIGNALS	S/B	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	R	R	Y	R	R	R	R	R	R	◇	
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) MAST ARM AND FAR LEFT SIGNALS	S/B	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	R	R	Y	R	R	R	R	R	R	◇	
IL RTE 83 (ELMHURST RD) AT KENSINGTON / FOUNDRY RD ALL SIGNALS	S/B	R	R	R	R	Y	R	G	C	Y	R	R	R	C	G	Y	R	C	C	Y	R	R	R	R	◇	
KENSINGTON/FOUNDRY RD AT IL RTE 83 (ELMHURST RD) ALL SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	◇	
KENSINGTON/FOUNDRY RD AT US RTE 12 (RAND RD) ALL SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	◇	
KENSINGTON/FOUNDRY RD AT US RTE 12 (RAND RD) ALL SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	◇	
KENSINGTON/FOUNDRY RD AT IL RTE 83 (ELMHURST RD) ALL SIGNALS	W/B	G	C	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	◇	
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD NEAR AND FAR RIGHT AND MID MAST ARM SIGNALS	NW/B	Y	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	◇	
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD LEFT TURN SIGNALS	NW/B	C	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	C	◇	
US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD) ALL SIGNALS	NW/B	Y	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	◇	
US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD) NEAR AND FAR RIGHT AND MID MAST ARM SIGNALS	SE/B	R	R	R	R	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	◇	
US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD) LEFT TURN SIGNALS	SE/B	R	R	R	R	R	C	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	C	◇	
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD NEAR AND FAR RIGHT AND MID MAST ARM SIGNALS	SE/B	R	R	R	R	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	R	R	◇	
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD LEFT TURN SIGNALS	SE/B	R	R	R	R	R	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	◇	

◇ EMERGENCY VEHICLE SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY A DIFFERENT EMERGENCY VEHICLE INTERVAL AFTER EMERGENCY VEHICLE 2 IS TERMINATED.

FIRE LANE NO. 4 PHASE 4+7 EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION

MOVEMENT	EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION																								FIRE LANE NO. 4	CLEAR TO NORMAL SEQUENCE
	1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1P	1Q	1R	1S	1T	1U	1V	1W	1X	1Y	1Z		
CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER																										
EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1P	1Q	1R	1S	1T	1U	1V	1W	1X	1Y	1Z		
CHANGE TO EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1B	1C	1D	2	1F	2	1H	2	1K	2	1M	2	2	1Q	2	1S	2									
IL RTE 83 (ELMHURST RD) KENSINGTON / FOUNDRY RD NEAR AND FAR RIGHT SIGNALS	N/B	R	R	R	R	R	R	R	R	R	Y	R	R	Y	R	R	R	Y	R	R	R	R	R	R	◇	
IL RTE 83 (ELMHURST RD) KENSINGTON / FOUNDRY RD MAST ARM AND FAR LEFT SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	R	R	Y	R	R	R	R	R	R	◇	
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) NEAR AND FAR RIGHT SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	◇	
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) MAST ARM FAR LEFT SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	◇	
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) NEAR AND FAR RIGHT SIGNALS	S/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	◇	
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) MAST ARM AND FAR LEFT SIGNALS	S/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	◇	
IL RTE 83 (ELMHURST RD) AT KENSINGTON / FOUNDRY RD ALL SIGNALS	S/B	R	R	R	R	G	G	G	G	G	G	G	G	R	R	R	R	R	R	R	R	R	R	R	◇	
KENSINGTON/FOUNDRY RD AT IL RTE 83 (ELMHURST RD) ALL SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	◇	
KENSINGTON/FOUNDRY RD AT US RTE 12 (RAND RD) ALL SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	◇	
KENSINGTON/FOUNDRY RD AT US RTE 12 (RAND RD) ALL SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	◇	
KENSINGTON/FOUNDRY RD AT IL RTE 83 (ELMHURST RD) ALL SIGNALS	W/B	G	C	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	◇	
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD NEAR AND FAR RIGHT AND MID MAST ARM SIGNALS	NW/B	Y	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	◇	
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD LEFT TURN SIGNALS	NW/B	C	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	C	◇	
US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD) ALL SIGNALS	NW/B	Y	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	◇	
US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD) NEAR AND FAR RIGHT AND MID MAST ARM SIGNALS	SE/B	R	R	R	R	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	◇	
US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD) LEFT TURN SIGNALS	SE/B	R	R	R	R	R	C	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	C	◇	
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD NEAR AND FAR RIGHT AND MID MAST ARM SIGNALS	SE/B	R	R	R	R	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	R	R	◇	
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD LEFT TURN SIGNALS	SE/B	R	R	R	R	R	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	◇	

THIS INTERSECTION - US12 - ELMHURST RD - KENSINGTON RD. -- IS DELETED FROM THIS CONTRACT. IT IS AN IMPROVEMENT PROJECT BY THE LOCALS.



⚠ DELETED ENTIRE SHEET 10/29/2024

MODEL: TS-19 [Sheet]
FILE NAME: c:\pwworking\millennia\project\2021\1017022-sh1-TS.dgn



USER NAME = jcovarrubias	DESIGNED - JC	REVISED - ALP 10/23/24
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/14/2023	CHECKED - TN	REVISED -
	DATE - 11/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CORNERS

SCALE: SHEET OF 32 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-171-SW	COOK	101	77
CONTRACT NO. 62P92				
ILLINOIS FED. AID PROJECT				

FIRE LANE NO. 5 PHASE 6 EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION

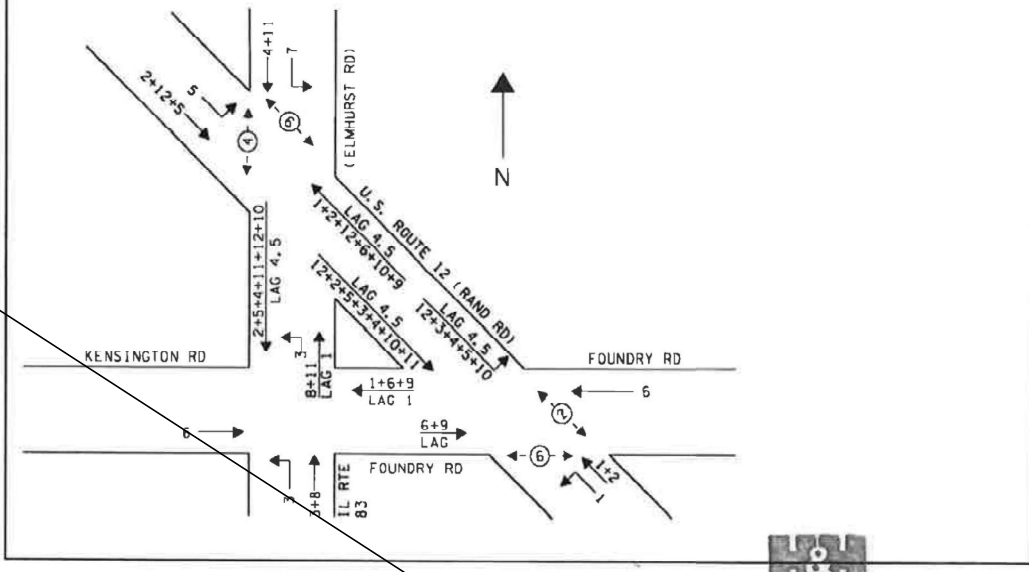
CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	10																22		27		31		FIRE LANE NO.	CLEAR TO NORMAL SEQUENCE	
	1A	1B	1C	1D	1E	1F	1G	1H	1I	1J	1K	1L	1M	1N	1P	1Q	1R	1S	1T	1U	1V	1W			1X
EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1B	2	1D	2	1F	1G	1H	2	1K	2	1M	2	1P	1Q	1R	2	1T	1U	1V	2	2				
IL RTE 83 (ELMHURST RD) KENSINGTON / FOUNDRY RD NEAR AND FAR RIGHT SIGNALS	N/B	R	R	R	R	R	R	R	R	Y	R	Y	R	R	R	R	H	Y	H	R	H	R	R		
IL RTE 83 (ELMHURST RD) KENSINGTON / FOUNDRY RD MAST ARM AND FAR LEFT SIGNALS	N/B	R	R	R	R	R	R	R	R	Y	R	Y	R	R	R	R	R	Y	R	R	R	R	R		
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) NEAR AND FAR RIGHT SIGNALS	N/B	R	R	R	R	R	R	R	R	Y	R	Y	R	R	R	R	R	Y	R	R	R	R	R		
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) MAST ARM FAR LEFT SIGNALS	N/B	R	R	R	R	R	R	R	R	Y	R	Y	R	R	R	R	R	Y	R	R	R	R	R		
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) NEAR AND FAR RIGHT SIGNALS	S/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) MAST ARM AND FAR LEFT SIGNALS	S/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
IL RTE 83 (ELMHURST RD) AT KENSINGTON / FOUNDRY RD ALL SIGNALS	S/B	R	R	Y	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
KENSINGTON/FOUNDRY RD AT IL RTE 83 (ELMHURST RD) ALL SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
KENSINGTON/FOUNDRY RD AT US RTE 12 (RAND RD) ALL SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
KENSINGTON/FOUNDRY RD AT US RTE 12 (RAND RD) ALL SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
KENSINGTON/FOUNDRY RD AT IL RTE 83 (ELMHURST RD) ALL SIGNALS	W/B	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD NEAR AND FAR RIGHT AND MID MAST ARM SIGNALS	NW/B	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD LEFT TURN SIGNALS	NW/B	←Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD) ALL SIGNALS	NW/B	G	G	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD) NEAR AND FAR RIGHT AND MID MAST ARM SIGNALS	SE/B	R	R	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD) LEFT TURN SIGNALS	SE/B	R	R	R	R	←Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD NEAR AND FAR RIGHT AND MID MAST ARM SIGNALS	SE/B	R	R	Y	R	G	G	Y	R	Y	R	Y	R	G	G	Y	R	G	G	Y	R	R	R		
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD LEFT TURN SIGNALS	SE/B	R	R	R	R	←C	←C	←Y	R	←Y	R	←Y	R	←C	←C	←Y	R	←G	←G	←Y	R	R	R		

◇ EMERGENCY VEHICLE SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY A DIFFERENT EMERGENCY VEHICLE INTERVAL AFTER EMERGENCY VEHICLE 2 IS TERMINATED.

NOTES:

- PHASE 3 VEHICLE DETECTOR SHALL PLACE ONE VEHICLE CALL INTO PHASE 8.
- PHASE 8 MUST BE ON LOCKING DETECTION.
- PHASE 2 MUST BE ON RECALL.
- ANTIBACKUP & DUAL ENTRY SHALL BE TURNED ON FOR PHASES 3, 4, 7, & 8.
- TIMED OVERLAP PHASES
 Ø 9 - EB WB Ø 6 (FOUNDRY)
 Ø 10 - NB SB Ø 5 (US RTE 12)
 Ø 11 - NB SB Ø 4, Ø 8 (IL RTE 83)
- RING STRUCTURE & PHASE ASSIGNMENT DIAGRAM
 1 2 12 10 5 3 4 11 6 9
 7 8

- EVP 1 = Ø 1
- EVP 2 = Ø 5
- EVP 3 = Ø 3+8
- EVP 4 = Ø 4+7
- EVP 5 = Ø 6
- 9 CALL = Ø 8 ON
- 10 CALL = 1, 3, 4, 7, 8, 6 CHECK
- 11 CALL = Ø 8 ON
- 12 CALL = Ø 5 CHECK
- Ø 12 ON OMTS Ø 10
- Ø 10 ON OMTS Ø 5
- Ø 3, V.D. CALL Ø 8 Ø 4
- Ø 4, Ø 8 ON LOCKING DETECTOR
- Ø 8, 9, 10, 11, 12, MUST BE "NON LOCKING"
- Ø 4, Ø 8 "DUAL ENTRY"
- Ø 2 ON RECALL



THIS INTERSECTION - US12 - ELMHURST RD - KENSINGTON RD. -- IS DELETED FROM THIS CONTRACT. IT IS AN IMPROVEMENT PROJECT BY THE LOCALS.

1

DELETED ENTIRE SHEET 10/29/2024

TS-380
ECON-194

MODEL: TS-20 (Sheet) FILE NAME: c:\p\work\project\paranormal\10068811\10107022-sh1-TS.dgn



USER NAME = jcovarrubias	DESIGNED - JC	REVISED - ALP 10 / 23 / 24
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/14/2023	CHECKED - TN	REVISED -
	DATE - 11/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CORNERS	
SCALE:	SHEET OF 32 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-171-SW	COOK	101	78
CONTRACT NO. 62P92				
ILLINOIS FED. AID PROJECT				