

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1313	13-00295-00-BT	COOK	67	1
		ILLINOIS	CONTRACT NO. 61L34	

TOTAL SHEETS: 67 + 1 = 68 TOTAL SHEETS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

06-13-2025 LETTING ITEM 002

# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAU 1313 CHURCH STREET  
LINDER AVE. TO MCCORMICK BLVD.  
SECTION NO. 13-00295-00-BT  
PROJECT NO. 940K(189)  
VILLAGE OF SKOKIE  
COOK COUNTY  
BIKE LANES PROJECT  
JOB NO. C-91-382-19

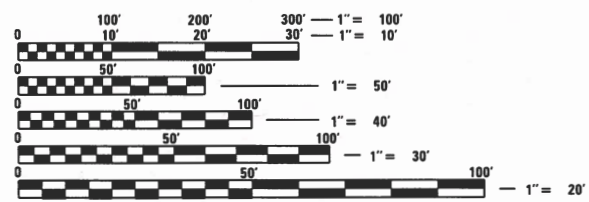


**TRAFFIC DATA**  
CHURCH ST.  
ADT = 10,500 (2023)  
POSTED SPEED LIMIT = 30 MPH  
POSTED SPEED LIMIT (SCHOOL ZONE) = 20 MPH

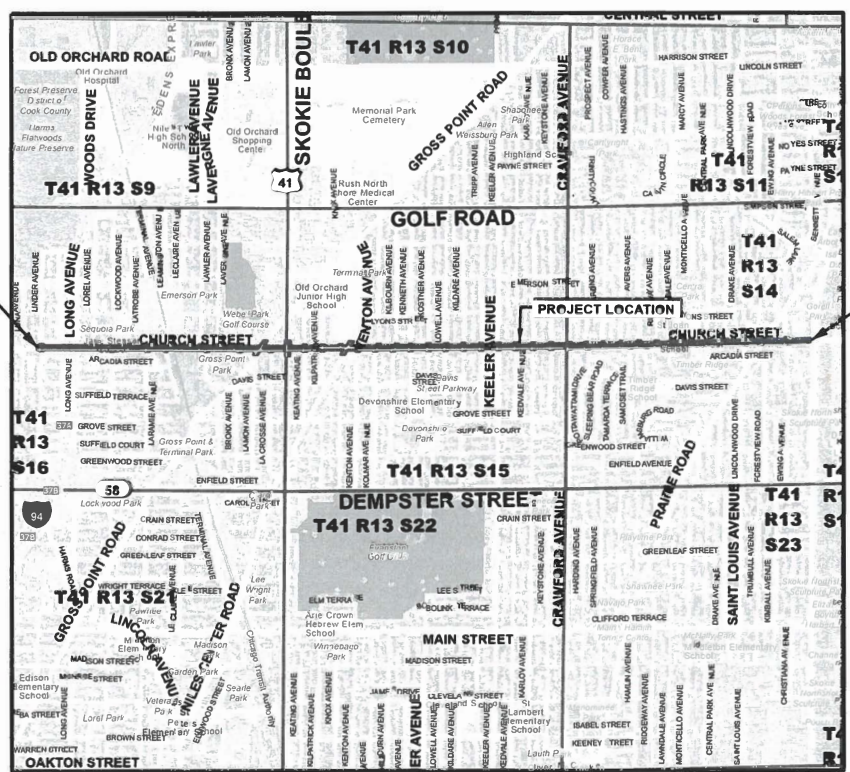
CHURCH ST. DESIGN DESIGNATION:  
MAJOR COLLECTOR

PROJECT STARTS: STA. 102 + 75

PROJECT ENDS: STA. 246 + 43.5



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.



LOCATION MAP

CHURCH ST.  
GROSS LENGTH OF PROJECT = 14,600.000 FEET (2.77 MILES)  
NET LENGTH OF PROJECT = 14,600.000 FEET (2.77 MILES)

SKOKIE-DEMPSTER: 42.0403 -87.7522  
T41N R13E S21 PARK RIDGE QUAD, NILES TOWNSHIP  
SKOKIE-OAKTON: 42.0264 -87.7472  
T41N R13E S22 EVANSTON QUAD, NILES TOWNSHIP

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

**CHRISTOPHER B. BURKE ENGINEERING, LTD.**  
9575 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500

PROFESSIONAL DESIGN FIRM NO. 184-001175  
EXPIRATION DATE: 4/30/25

CONTRACT NO. 61L34

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

APPROVED \_\_\_\_\_ 20\_\_\_\_  
LOCAL AGENCY ENGINEER

PASSED April 4, 2025  
ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW April 4, 2025  
REGIONAL ENGINEER

*Martin Michalowicz*  
ENGINEER  
2/14/2025  
DATE

MARTIN MICHALOWICZ  
ILLINOIS REGISTRATION No. 062-059502  
EXPIRATION DATE: 11/2025

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, P.E., SCHAUMBURG, IL

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**HIGHWAY STANDARDS**

000001-08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
604001-05	FRAME AND LIDS TYPE 1
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701427-05	LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATIONS 40 MPH OR LESS
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W WITH BIDIRECTIONAL TURN LANE
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701611-01	URBAN HALF LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER, OR CROSSWALK CLOSURE
701901-10	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS MARKERS AND DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPE A AND B METAL POSTS
780001-05	TYPICAL PAVEMENT MARKINGS
814001-03	HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
877001-08	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-11	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS

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BD-24	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
TC-10	TRAFFIC CONTROL FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-11	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC-16	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
TC-22	ARTERIAL ROAD INFORMATION SIGN
TS-05	DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

**GENERAL NOTES**

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, JANUARY 1, 2022; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, JANUARY 1, 2025; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS"; THE "DETAILS" IN THE PLANS AND THE "SPECIAL PROVISIONS" AND IDOT STANDARD DRAWINGS INCLUDED IN THE CONTRACT DOCUMENTS, THE AMERICANS WITH DISABILITIES ACT OF 1990 ACCESSIBILITY GUIDELINES, THE "DRAFT" REHABILITATION ACT OF 1973 (SECTION 504), AND THE PUBLIC RIGHTS-OF-WAY ACCESSIBILITY GUIDELINES.
- MATERIALS AND EQUIPMENT SHALL NOT BE STORED WITHIN THE PROJECT LIMITS.
- COORDINATION**
- THE ENGINEER SHALL CONTACT FADI SULTAN, THE AREA TRAFFIC FIELD ENGINEER AT FADI.SULTAN@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- THE CONTRACTOR SHALL NOTIFY THE VILLAGE AT LEAST 72 HOURS IN ADVANCE OF BEGINNING WORK AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER. SPECIAL ATTENTION IS CALLED TO ARTICLE 107.14 OF THE STANDARD SPECIFICATIONS AND TO THE SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND PROTECTION. THE STORAGE OF EQUIPMENT AND/OR MATERIALS WITHIN THE PARKWAYS SHALL REQUIRE PRIOR APPROVAL OF THE ENGINEER. THE CONTRACTOR SHALL NOTIFY THE VILLAGE 72 HOURS PRIOR TO ANY WORK IN ORDER TO OBTAIN MUNICIPAL UTILITY LOCATIONS. THE CONTRACTOR SHALL ALSO CONTACT THE VILLAGE PUBLIC WORKS DEPARTMENT UTILITY DIVISION FOR ALL WATER MAIN SHUTOFFS. UNDER NO CONDITION SHALL THE CONTRACTOR OPERATE ANY VALVES OR HYDRANTS WITHIN THE PROJECT AREA.
- THE ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF ANY CHANGE IN CONSTRUCTION STAGING.
- IF THE CONTRACTOR CHOOSES TO USE VILLAGE WATER, HE SHALL SECURE A PERMIT FOR USAGE FROM THE SKOKIE PUBLIC WORKS DEPARTMENT, DIVISION OF WATER AND SEWER. THERE IS NO CHARGE FOR THE WATER USED; HOWEVER, THE AMOUNT MUST BE METERED AND RECORDED BY THE CONTRACTOR. THE CONTRACTOR SHALL USE THE HYDRANTS(S) SPECIFIED BY THE WATER AND SEWER DIVISION. ONLY HYDRANT WRENCHES SHALL BE USED ON HYDRANTS.
- IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COORDINATE WITH THE CHICAGO TRANSIT AUTHORITY (CTA) RAILROAD WHENEVER CONSTRUCTION ACTIVITY IS WITHIN 25 FEET OF THE RAILROAD ROW. THE CONTRACTOR SHALL RETAIN FLAGMEN EMPLOYED AND DESIGNATED BY THE CTA RAILROAD TO MONITOR ON-COMING TRAIN TRAFFIC, AND ADVISE CONTRACTOR PERSONNEL WHEN ACTIVITY ON OR NEAR THE RAILROAD RIGHT-OF-WAY MAY PROCEED. THIS ITEM WILL BE PAID FOR ACCORDING TO ARTICLE 107.12 AND WILL BE REIMBURSED ACCORDING TO ARTICLE 109.05. ANY WORK TAKING PLACE UPON THE RAILROAD RIGHT-OF-WAY OR STRUCTURE MUST FIRST BE COORDINATED WITH CTA PERSONNEL. CTA UTILIZES CONTINUOUS 600 VOLT DC IN ELECTRIFIED THIRD RAILS AT TRACK LEVEL, PRESENTING POTENTIALLY HAZARDOUS AND FATAL ARCING PROBLEMS. CONTACT MR. JIM HARPER, CHIEF ENGINEER OF CTA AT TELEPHONE 312-681-3960, OR MR. DAN SCHIFFER, MANAGER STRUCTURE MAINTENANCE AT TELEPHONE 773-772-4138. PLANS SHOW NO WORK WITHIN 25' OF THE TRACKS OR WITHIN THE RAILROAD ROW.

**UTILITY COORDINATION**

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED FACILITIES. (48 HOUR NOTIFICATION REQUIRED)
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES. THE LOCATIONS OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE ENGINEER DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR SHALL HAVE THE RESPECTIVE UTILITY COMPANIES FIELD LOCATE ALL THEIR FACILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION. THE CONTRACTOR SHALL ALSO VERIFY THE DEPTH OF EXISTING UTILITIES IF NECESSARY. THE CONTRACTOR SHALL ASCERTAIN THE EXACT LOCATION OF SUCH UTILITIES AND EXERCISE CARE DURING HIS CONSTRUCTION OPERATIONS SO AS NOT TO DAMAGE THEM. IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND ARTICLE 107.31 OF THE "STANDARD SPECIFICATIONS", THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITIES SO THAT THEIR FACILITIES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF THE CONSTRUCTION OPERATIONS.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR AND RESTORE ANY UNDERGROUND CABLE, PIPES, MAINS, SPRINKLER SYSTEMS AND SIMILAR PUBLIC AND PRIVATE UNDERGROUND FACILITIES DISRUPTED OR DAMAGED BY THE CONTRACTOR. THIS WORK, AS REQUIRED, SHALL BE PERFORMED TO THE SATISFACTION OF THE ENGINEER.

**EROSION AND SEDIMENT CONTROL**

- CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07 REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN.
- UPON COMPLETION OF PROJECT, AT DIRECTION OF ENGINEER, CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL ITEMS.

**TRAFFIC CONTROL AND PROTECTION**

- THE CONTRACTOR SHALL CONTACT KALPANA KANNAN HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, AT KALPANA.KANNAN.HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING.
- DURING EACH DAY OF PAVEMENT MARKING, THE CONTRACTOR SHALL CONSTRUCT THE PROJECT IN THE DIRECTION OF TRAVEL AND END AT A SIDE-STREET. CONTRACTOR SHALL INSTALL PAVEMENT MARKINGS IN THE EASTBOUND LANES STARTING AT McCORMICK BLVD. CONTRACTOR SHALL INSTALL PAVEMENT MARKINGS IN THE WESTBOUND LANES STARTING AT LINDER AVE. CONTRACTOR SHALL MAINTAIN, AT ALL TIMES, AT LEAST ONE LANE IN EACH DIRECTION OF PERMITTED TRAVEL AND ALL TURN LANES. PAVEMENT MARKINGS SHALL BE INSTALLED AHEAD OF ALL SIGNAGE.
- EASTBOUND AND WESTBOUND WORK REQUIRING RAILROAD COORDINATION SHALL BE DONE CONCURRENTLY.
- ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DIRECTED BY THE ENGINEER. IN ADDITION, ANY SIGNS WHICH ARE DAMAGED DURING CONSTRUCTION BEYOND REPAIR SHALL BE REPLACED IN KIND BY THE CONTRACTOR AND TO THE SATISFACTION OF THE ENGINEER AT NO ADDITIONAL COST TO THE CONTRACT.
- ALL CONSTRUCTION PERSONNEL SHALL WEAR A FLUORESCENT LIME GREEN VEST AND ANY STATE REQUIRED SAFETY GEAR AT ALL TIMES WHILE ON THE CONSTRUCTION SITE. COMPLIANCE WITH THIS REQUIREMENT SHALL BE INCLUDED IN THE CONTRACT.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJUTING PROPERTY DURING THE CONSTRUCTION OF THIS PROJECT EXCEPT FOR PERIODS OF SHORT DURATION, AS APPROVED BY THE ENGINEER.

- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO POST "NO PARKING" SIGNS TWENTY-FOUR (24) HOURS IN ADVANCE OF CONSTRUCTION. THIS WORK SHALL BE CONSIDERED INCLUDED WITH THE CONTRACT. SIGNS WILL BE SUPPLIED BY THE SKOKIE PUBLIC WORKS DEPARTMENT. TRAFFIC ENGINEERING DIVISION UPON REQUEST. THE SIGNS ARE SPECIALLY MADE FOR THE VILLAGE. THE CONTRACTOR SHALL RETURN ALL SIGNS AT THE COMPLETION OF THE WORK. THE CONTRACTOR MAY BE LIABLE FOR THE COST OF ANY SIGNS NOT RETURNED.
- LOCAL TRAFFIC SHALL BE MAINTAINED DURING CONSTRUCTION OPERATIONS IN ACCORDANCE WITH THE PLANS, ARTICLE 107.14 AND SECTION 701 OF THE STANDARD SPECIFICATIONS.
- "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE POST MOUNTED AND AT LOCATIONS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ARTICLE 701.14.
- THE CONTRACTOR SHALL NOT WORK ON SATURDAYS, SUNDAYS, AND HOLIDAYS OBSERVED BY THE VILLAGE. IN ADDITION TO AND IN ACCORDANCE WITH ARTICLE 107.09, THE CONTRACTOR SHALL NOT BEGIN WORK OR START UP ANY EQUIPMENT PRIOR TO HOURS PERMITTED BY LOCAL ORDINANCE. ALL WORK SHALL BE COMPLETED WITHIN THE HOURS PERMITTED BY LOCAL ORDINANCE (ARTICLE 11, SECTION 117).
- WHENEVER, DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORK DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS.
- MISCELLANEOUS**
- DIMENSIONS: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- ALL EXISTING SIGNAGE AND ASSEMBLIES WHICH CONFLICT WITH THE PROPOSED SIGNAGE SHALL BE REMOVED.
- THE CONTRACTOR SHALL DISPOSE OF ALL MATERIAL EXCAVATED OR REMOVED DUE TO CONSTRUCTION OPERATIONS AT HIS EXPENSE. ALL EXCESS MATERIAL SHALL BE REMOVED FROM THE SITE ON THE DAY IT IS GENERATED.
- USE OF CCDD FILL OPERATIONS: PER PUBLIC ACT 97-0137, IF THE CONTRACTOR CHOOSES TO DISPOSE OF UNCONTAMINATED SOIL OR UNCONTAMINATED SOIL MIXED WITH CLEAN CONSTRUCTION AND DEMOLITION DEBRIS (CCDD) AT A CCDD FILL OPERATION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM ALL NECESSARY FIELD AND LABORATORY ANALYSIS AND TO OBTAIN THE LICENSED PROFESSIONAL ENGINEER'S CERTIFICATION REQUIRED AS PER PUBLIC ACT 96-1416 TO USE THE SITE. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF EARTH EXCAVATION OR RELATED REMOVAL PAY ITEM, AND NO ADDITIONAL COMPENSATION WILL BE PROVIDED.
- CONTRACTOR SHALL SAW-CUT AT ALL CURB REMOVAL LOCATIONS SPECIFIED IN THE PLANS AT THE SATISFACTION OF THE ENGINEER.
- THE STATE AND THE COOK COUNTY DEPARTMENT OF TRANSPORTATION & HIGHWAYS (CCDOTH) SHALL COORDINATE PAVING/STRIPING WORK SO AS TO ALIGN THE SCHEDULES OF THE STATE LET AND CCDOTH PROJECT.

FILE NAME =	USER NAME = jhouseh	DESIGNED - BLL	REVISED -	<p align="center"><b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b></p>	<p align="center"><b>GENERAL NOTES AND HIGHWAY STANDARDS</b></p>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\Skokie\180486\Cv\1\N0T_180486.sht	DRAWN - VAR	REVISED -	1313			13-00295-00-BT	COOK	67	2	
Default	PLOT SCALE = 50'	CHECKED - JGS	REVISED -			CONTRACT NO. 61L34				
	PLOT DATE = 3/13/2025	DATE - \$SUBMIT\$	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.
[ILLINOIS] FED. AID PROJECT										



SPECIALTY ITEM	ITEM NO.	ITEM	UNIT	CONSTRUCTION-TYPE CODE 0028 FEDERAL ITEP/ STATE ITEP/LOCAL	CONSTRUCTION-TYPE CODE 0028 FEDERAL ITEP/ STATE ITEP/LOCAL
	42400800	DETECTABLE WARNINGS	SQ FT		108
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD		430
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT		8430
	44000600	SIDEWALK REMOVAL	SQ FT		7285
	44201298	DOWEL BARS 1 1/4"	EACH		1550
	44213202	TIE BARS 1"	EACH		1650
	60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH		5
	60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH		20
	60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH		30
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT		8230
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD		550
*	66900530	SOIL DISPOSAL ANALYSIS	EACH		5
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM		1
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM		1
*	66901006	REGULATED SUBSTANCES MONITORING	CAL DA		2
	67100100	MOBILIZATION	LSUM		1

SPECIALTY ITEM	ITEM NO.	ITEM	UNIT	CONSTRUCTION-TYPE CODE 0028 FEDERAL ITEP/ STATE ITEP/LOCAL	CONSTRUCTION-TYPE CODE 0028 FEDERAL ITEP/ STATE ITEP/LOCAL
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM		1
	70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	LSUM		1
	70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	LSUM		1
	70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	LSUM		1
	70102634	TRAFFIC CONTROL AND PROTECTION, STANDARD 701611	LSUM		1
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM		1
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM		1
	70300100	SHORT TERM PAVEMENT MARKING	FOOT		20000
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT		10000
*	72000100	SIGN PANEL - TYPE 1	SQ FT		344
*	72000200	SIGN PANEL - TYPE 2	SQ FT		21
*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT		395
*	72900100	METAL POST - TYPE A	FOOT		952
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT		4736
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT		58120
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT		4554

SPECIALTY ITEM	ITEM NO.	ITEM	UNIT	CONSTRUCTION-TYPE CODE 0028 FEDERAL ITEP/ STATE ITEP/LOCAL	CONSTRUCTION-TYPE CODE 0028 FEDERAL ITEP/ STATE ITEP/LOCAL
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT		5802
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT		461
*	78006100	PREFORMED THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT		100
*	78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT		125
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH		410
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH		410
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT		27175
*	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	64	
*	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	45	
*	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	140	
*	81400200	HEAVY-DUTY HANDHOLE	EACH	2	
*	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1	
*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	42	
*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	297	
*	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	665	
*	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	558	

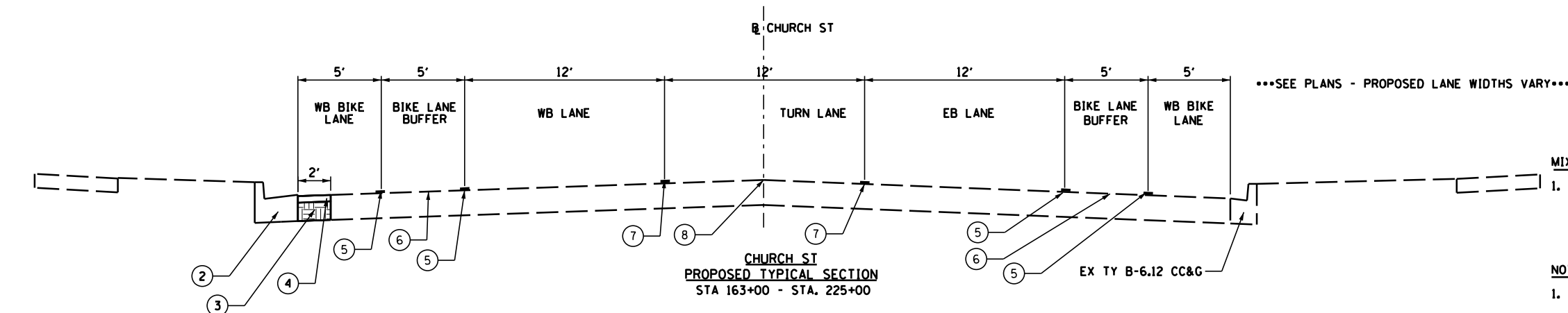
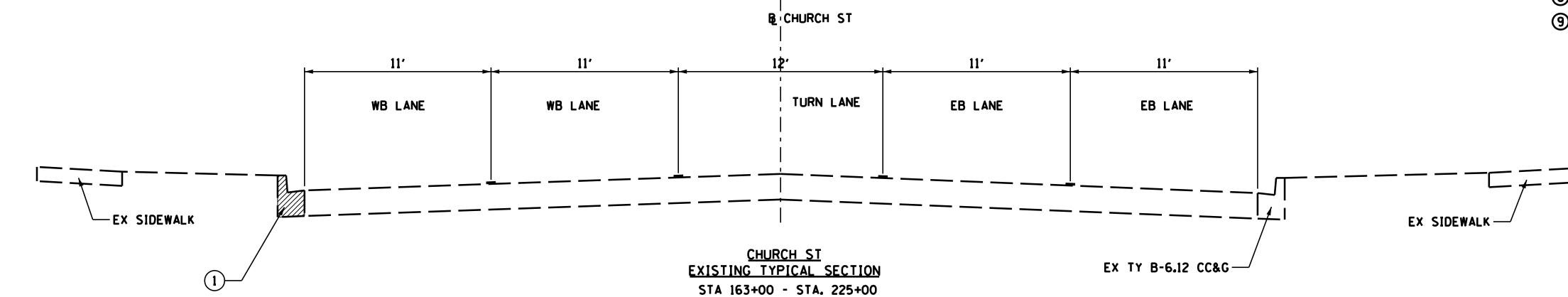
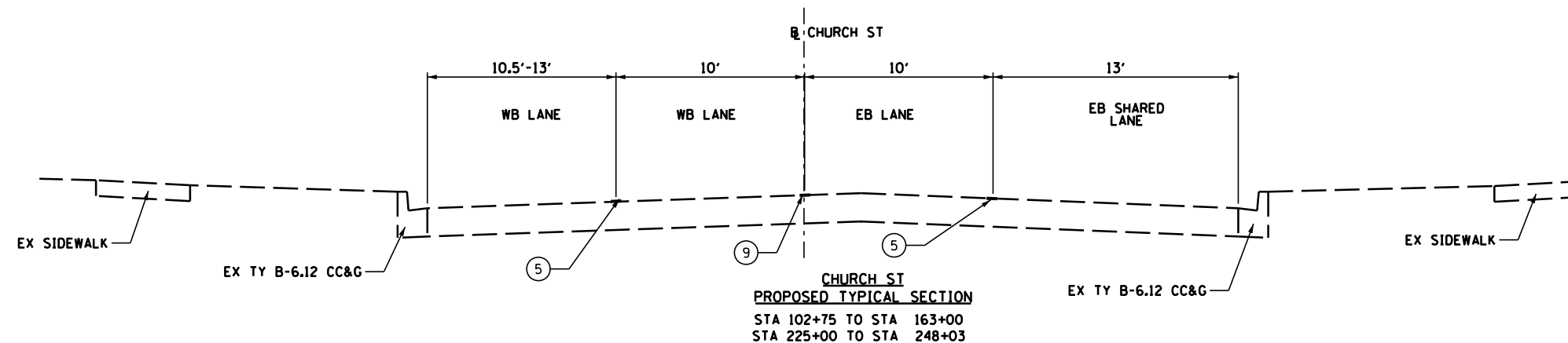
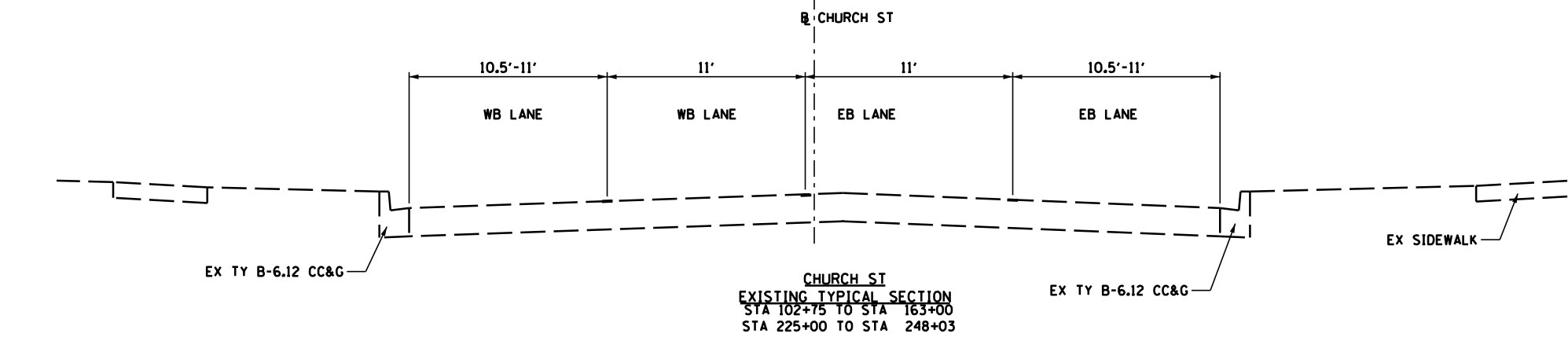


SPECIALTY ITEM	ITEM NO.	ITEM	UNIT	CONSTRUCTION-TYPE CODE 0028 FEDERAL ITEP/ STATE ITEP/LOCAL	CONSTRUCTION-TYPE CODE 0028 FEDERAL ITEP/ STATE ITEP/LOCAL
	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	
*	89501250	RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	
*	89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1	
*	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	558	
*	89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	1318	
*	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	
*	89502380	REMOVE EXISTING HANDHOLE	EACH	1	
*	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	5	
	XX002258	STRUCTURES TO BE ADJUSTED	EACH		45
*	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	248	
*	X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	236	
*	X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1	
*	X1400367	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	4	
*	X1400378	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	1	
	X4060286	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 6"	SQ YD		190
	X4240430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SPECIAL)	SQ FT		2450



SPECIALTY ITEM	ITEM NO.	ITEM	UNIT	CONSTRUCTION-TYPE CODE 0028 FEDERAL ITEP/ STATE ITEP/LOCAL	CONSTRUCTION-TYPE CODE 0028 FEDERAL ITEP/ STATE ITEP/LOCAL
	X4421003	PARTIAL DEPTH PATCHING (SPECIAL)	EACH		540
	X7200061	TEMPORARY INFORMATION SIGNING	SQ FT		84
*	X7800010	METHYL METHACRYLATE PAVEMENT COLORIZATION GREEN	SQ YD		3255
*	X8100863	INTERCEPT EXISTING CONDUIT	EACH	1	
*	X8140238	REBUILD EXISTING DOUBLE HANDHOLE	EACH	1	
*	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8	
*	X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	20	
*	X8809005	LED SIGNAL FACE, LENS COVER	EACH	14	
	Z0013798	CONSTRUCTION LAYOUT	LSUM		1
*	Z0033044	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	2	
*	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1	

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
RESURFACING ITEM	AIR VOIDS @ Ndes	OMP
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 3" (2 LIFTS)	4% @ 50 GYR.	LR 1030-2
HMA DRIVEWAY PAVEMENT 6"	AIR VOIDS @ Ndes	OMP
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 - 2"	4% @ 50 GYR.	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 4"	4% @ 50 GYR.	LR 1030-2
OMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR 1030-2		



- LEGEND:**
- ① EXISTING B-6.12 CURB AND GUTTER
  - ② PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (SEE DETAIL)
  - ③ PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 6"
  - ④ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D" N50 - 3"
  - ⑤ THERMOPLASTIC PAVEMENT MARKINGS - LINE 4" WHITE SOLID
  - ⑥ THERMOPLASTIC PAVEMENT MARKINGS - LINE 12" WHITE HATCH
  - ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 4" YELLOW SOLID
  - ⑧ THERMOPLASTIC PAVEMENT MARKINGS - LETTERS AND SYMBOLS
  - ⑨ THERMOPLASTIC PAVEMENT MARKINGS - LINE 4" DOUBLE YELLOW

**MIXTURE REQUIREMENT NOTES:**

- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE IS 112 LBS/SY/IN. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED RECLAIMED MATERIAL SPECIFICATIONS.

**NOTES:**

- SEE PROPOSED PLAN SHEETS FOR PAVEMENT STRIPING PLAN.



PAVEMENT MARKING REMOVAL - WATER BLASTING (TYP.):

PG 1  
 4" - 3413 SF  
 6" - 274 SF  
 12" - 844 SF  
 24" - 158 SF  
 L&S - 74 SF  
 TOTAL = 4763 SF

BEGIN PROJECT: STA. 102+75

MATCH LINE STA. 112 + 00

MATCH LINE STA. 112 + 00

MATCH LINE STA. 124 + 00

**LEGEND:**

- COMBINATION CURB AND GUTTER REMOVAL
- PAVEMENT MARKING REMOVAL - WATER BLASTING
- RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL

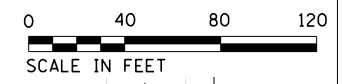
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PLOT DATE = 3/11/2025		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITIONS & REMOVAL PLAN**

SCALE: 1" = 40'    SHEET    OF    SHEETS    STA. 100+00    TO    STA. 124+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1313	13-00295-00-BT	COOK	67	11
CONTRACT NO. 61L34			ILLINOIS FED. AID PROJECT	



PAVEMENT MARKING REMOVAL - WATER BLASTING (TYP.):  
 PG 2:  
 4" - 3408 SF  
 6" - 603 SF  
 12" - 1021 SF  
 24" - 348 SF  
 L&S - 222 SF  
 TOTAL = 5602 SF

MATCH LINE STA. 124 + 00

MATCH LINE STA. 136 + 00

MATCH LINE STA. 136 + 00

MATCH LINE STA. 148 + 00

COMBINATION CURB AND GUTTER REMOVAL - 55 LF  
 SIDEWALK REMOVAL - 700 SF

PAVEMENT MARKING REMOVAL  
 - WATER BLASTING (TYP.)

COMBINATION CURB AND GUTTER REMOVAL - 58 LF

SIDEWALK REMOVAL - 3537 SF

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL  
 PARTIAL DEPTH PATCHING (SPECIAL)  
 (TYP.)

**LEGEND:**

- COMBINATION CURB AND GUTTER REMOVAL
- PAVEMENT MARKING REMOVAL - WATER BLASTING
- RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL

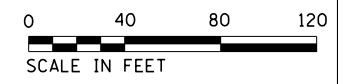
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITIONS & REMOVAL PLAN**

SCALE: 1" = 40' SHEET OF SHEETS STA. 124+00 TO STA. 148+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1313	13-00295-00-BT	COOK	67	12
CONTRACT NO. 61L34			ILLINOIS FED. AID PROJECT	



MATCH LINE STA. 148 + 00

MATCH LINE STA. 160 + 00

MATCH LINE STA. 160 + 00

MATCH LINE STA. 172 + 00

SIDEWALK REMOVAL - 361 SF  
COMBINATION CURB AND GUTTER REMOVAL - 50 LF

SIDEWALK REMOVAL - 1835 SF  
COMBINATION CURB AND GUTTER REMOVAL - 39 LF

COMBINATION CURB AND GUTTER REMOVAL - 53 LF

DRIVEWAY PAVEMENT REMOVAL - 28

PAVEMENT MARKING REMOVAL - WATER BLASTING (TYP.):

PG 3:  
4" - 1976 SF  
6" - 423 SF  
12" - 1547 SF  
24" - 388 SF  
TOTAL = 4334 SF

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL  
PARTIAL DEPTH PATCHING (SPECIAL)  
(TYP.)

SKOKIE BLVD

KEATING AVE

KILPATRICK AVE

KNOX AVE

SKOKIE BLVD

4757 4751 4747 4743 4737 4733

9161 4715A 4709A 9160  
9159 4719 4715B 4709B 9158  
9157 4715C 4709C 9156  
9155 4715D 4709D 9154

9161 4643A 4637A 4633A  
9159 4653 4651 4643B 4637B 4633B  
9157 4647 4643C 4637C 4633C  
9155 4643D 4637D

NILES CENTER RD

KENTON AVE

KENTON AVE

KOLMAR AVE

KILBOURN AVE

KENNETH AVE

4600 4570 4562 4558 4554 4550 4546 4542 4538 9202

9201 4520 4516 4510 4506 9202

9201 4446 4440 9200

COMBINATION CURB AND GUTTER REMOVAL - 245 LF

COMBINATION CURB AND GUTTER REMOVAL - 255 LF

COMBINATION CURB AND GUTTER REMOVAL - 190 LF

KENTON AVE

COMBINATION CURB AND GUTTER REMOVAL - 170 LF

KOLMAR AVE

COMBINATION CURB AND GUTTER REMOVAL - 240 LF

KILBOURN AVE

COMBINATION CURB AND GUTTER REMOVAL - 240 LF

KENTON AVE

LEGEND:

- COMBINATION CURB AND GUTTER REMOVAL
- PAVEMENT MARKING REMOVAL - WATER BLASTING
- RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL

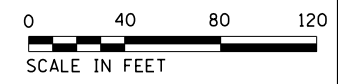
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PLOT DATE = 3/11/2025		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING CONDITIONS & REMOVAL PLAN

SCALE: 1" = 40' SHEET OF SHEETS STA. 148+00 TO STA. 172+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1313	13-00295-00-BT	COOK	67	13
CONTRACT NO. 61L34			ILLINOIS FED. AID PROJECT	



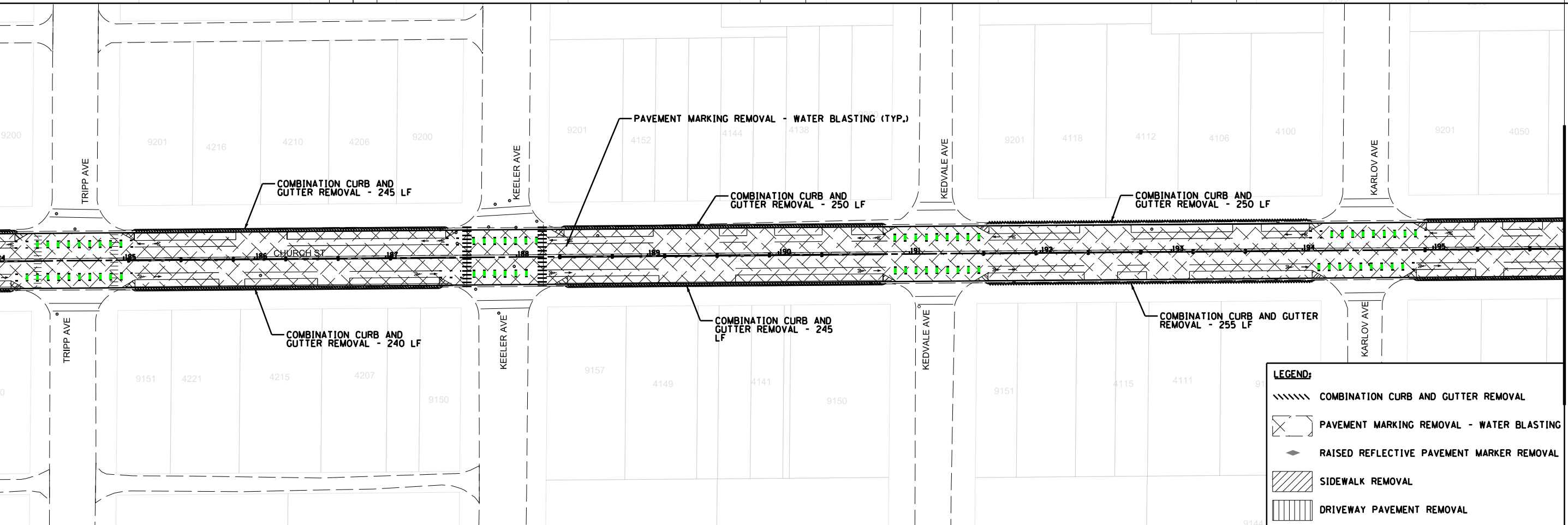
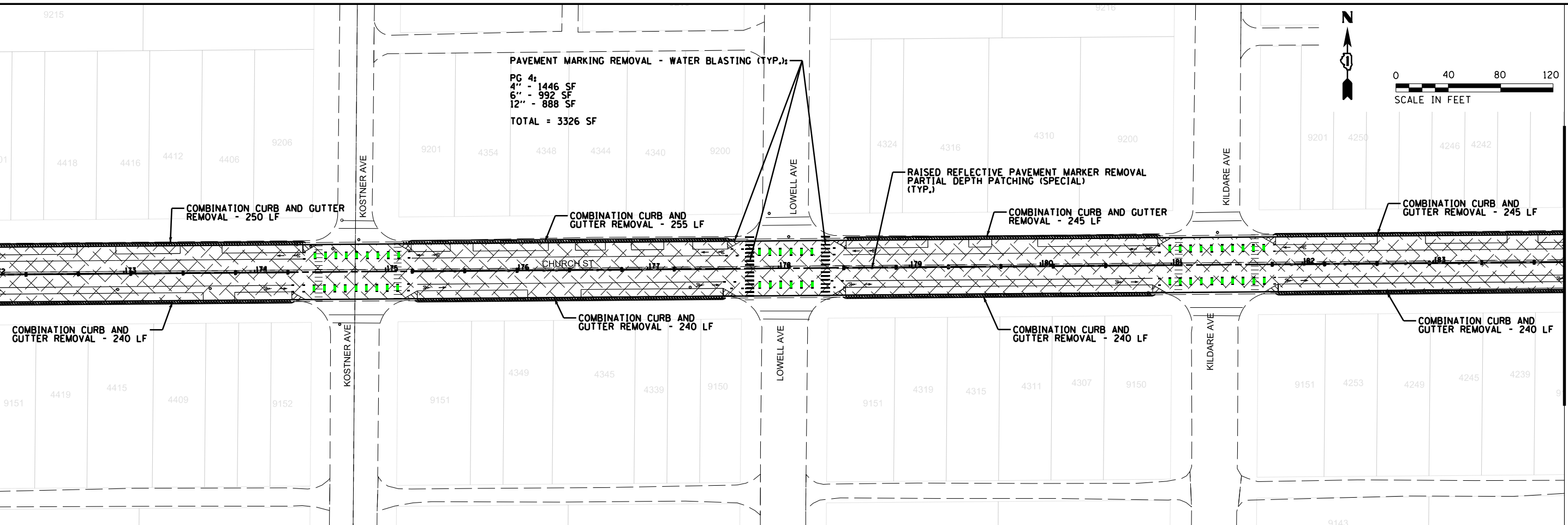
PAVEMENT MARKING REMOVAL - WATER BLASTING (TYP.)  
 PG 4:  
 4" - 1446 SF  
 6" - 992 SF  
 12" - 888 SF  
 TOTAL = 3326 SF

MATCH LINE STA. 172 + 00

MATCH LINE STA. 184 + 00

MATCH LINE STA. 184 + 00

MATCH LINE STA. 196 + 00



**LEGEND:**

- COMBINATION CURB AND GUTTER REMOVAL
- PAVEMENT MARKING REMOVAL - WATER BLASTING
- RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL

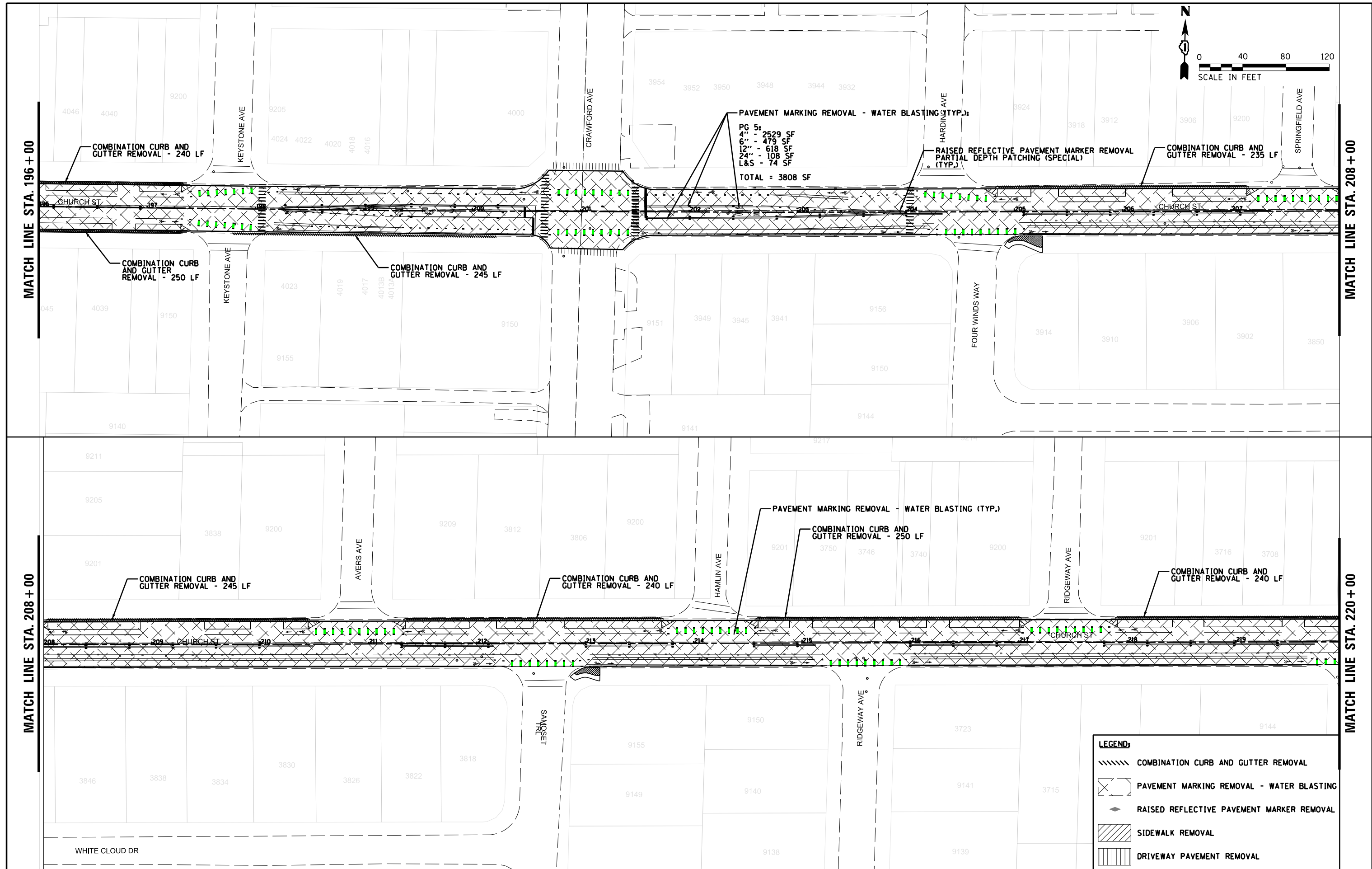
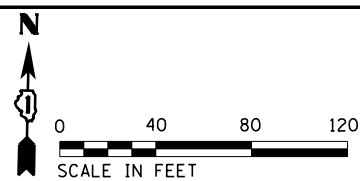
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITIONS & REMOVAL PLAN**

SCALE: 1" = 40'    SHEET    OF    SHEETS    STA. 172+00    TO    STA. 196+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1313	13-00295-00-BT	COOK	67	14
CONTRACT NO. 61L34			ILLINOIS FED. AID PROJECT	



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

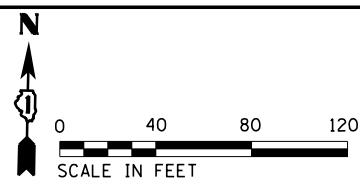
**EXISTING CONDITIONS & REMOVAL PLAN**

SCALE: 1" = 40'    SHEET    OF    SHEETS    STA. 196+00    TO    STA. 220+00

F.A.U. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1313	13-00295-00-BT	COOK	67	15
CONTRACT NO. 61L34			ILLINOIS FED. AID PROJECT	

**LEGEND:**

- COMBINATION CURB AND GUTTER REMOVAL
- PAVEMENT MARKING REMOVAL - WATER BLASTING
- RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL



PAVEMENT MARKING REMOVAL - WATER BLASTING (TYP.)  
 PG 6:  
 4" - 2870 SF  
 6" - 159 SF  
 12" - 890 SF  
 24" - 192 SF  
 TOTAL = 4111 SF

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL  
 PARTIAL DEPTH PATCHING (SPECIAL)  
 (TYP.)

COMBINATION CURB AND  
 GUTTER REMOVAL - 250 LF

COMBINATION CURB AND  
 GUTTER REMOVAL - 60 LF

COMBINATION CURB AND  
 GUTTER REMOVAL - 440 LF

MATCH LINE STA. 220 + 00

MATCH LINE STA. 232 + 00

MATCH LINE STA. 232 + 00

MATCH LINE STA. 244 + 00

**LEGEND:**

- COMBINATION CURB AND GUTTER REMOVAL
- PAVEMENT MARKING REMOVAL - WATER BLASTING
- RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL

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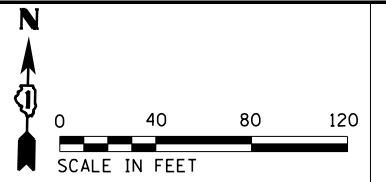
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITIONS & REMOVAL PLAN**

SCALE: 1" = 40'    SHEET    OF    SHEETS    STA. 220+00    TO    STA. 244+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1313	13-00295-00-BT	COOK	67	16
CONTRACT NO. 61L34			ILLINOIS FED. AID PROJECT	





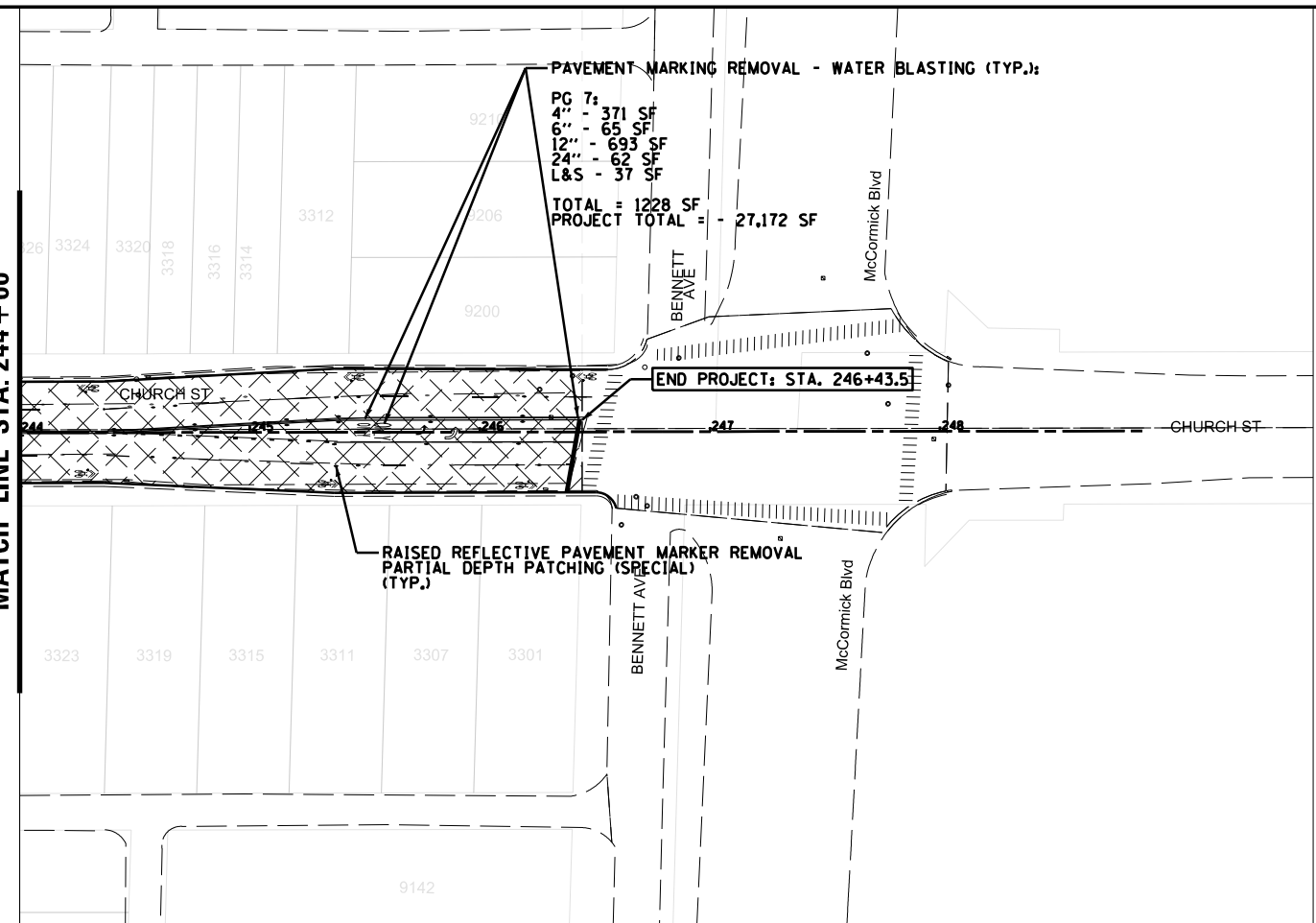
MATCH LINE STA. 244 + 00

PAVEMENT MARKING REMOVAL - WATER BLASTING (TYP.):

PG 7:  
 4" - 371 SF  
 6" - 65 SF  
 12" - 693 SF  
 24" - 62 SF  
 L&S - 37 SF  
 TOTAL = 1228 SF  
 PROJECT TOTAL = 27,172 SF

END PROJECT: STA. 246+43.5

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL  
 PARTIAL DEPTH PATCHING (SPECIAL)  
 (TYP.)



**LEGEND:**

	COMBINATION CURB AND GUTTER REMOVAL
	PAVEMENT MARKING REMOVAL - WATER BLASTING
	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL

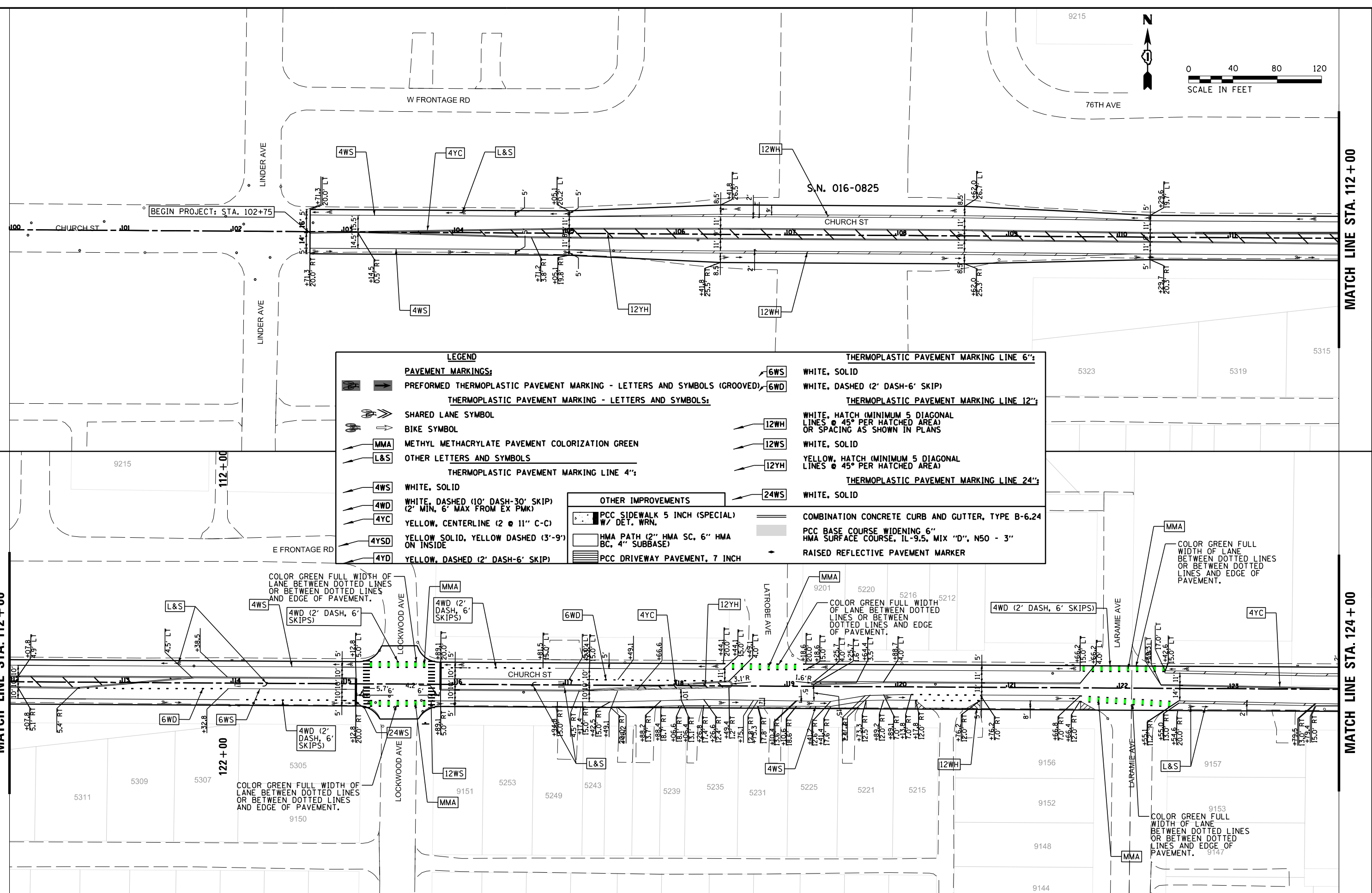
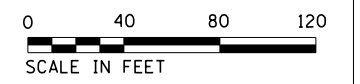
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITIONS & REMOVAL PLAN**

SCALE: 1" = 40'    SHEET    OF    SHEETS    STA. 244+00    TO    STA. 248+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1313	13-00295-00-BT	COOK	67	17
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61L34	



**LEGEND**

**PAVEMENT MARKINGS:**

- PREFORMED THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (GROOVED)
- THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS:
- SHARED LANE SYMBOL
- BIKE SYMBOL
- MMA METHYL METHACRYLATE PAVEMENT COLORIZATION GREEN
- L&S OTHER LETTERS AND SYMBOLS

**THERMOPLASTIC PAVEMENT MARKING LINE 4":**

- 4WS WHITE, SOLID
- 4WD WHITE, DASHED (10' DASH-30' SKIP) (2' MIN, 6' MAX FROM EX PMK)
- 4YC YELLOW, CENTERLINE (2 @ 11" C-C)
- 4YSD YELLOW SOLID, YELLOW DASHED (3'-9") ON INSIDE
- 4YD YELLOW, DASHED (2' DASH-6' SKIP)

**THERMOPLASTIC PAVEMENT MARKING LINE 6":**

- 6WS WHITE, SOLID
- 6WD WHITE, DASHED (2' DASH-6' SKIP)

**THERMOPLASTIC PAVEMENT MARKING LINE 12":**

- 12WH WHITE, HATCH (MINIMUM 5 DIAGONAL LINES @ 45° PER HATCHED AREA) OR SPACING AS SHOWN IN PLANS
- 12WS WHITE, SOLID
- 12YH YELLOW, HATCH (MINIMUM 5 DIAGONAL LINES @ 45° PER HATCHED AREA)

**THERMOPLASTIC PAVEMENT MARKING LINE 24":**

- 24WS WHITE, SOLID

**OTHER IMPROVEMENTS**

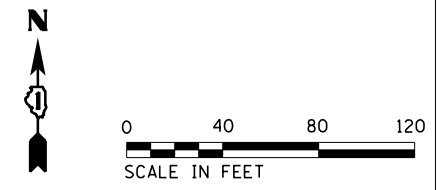
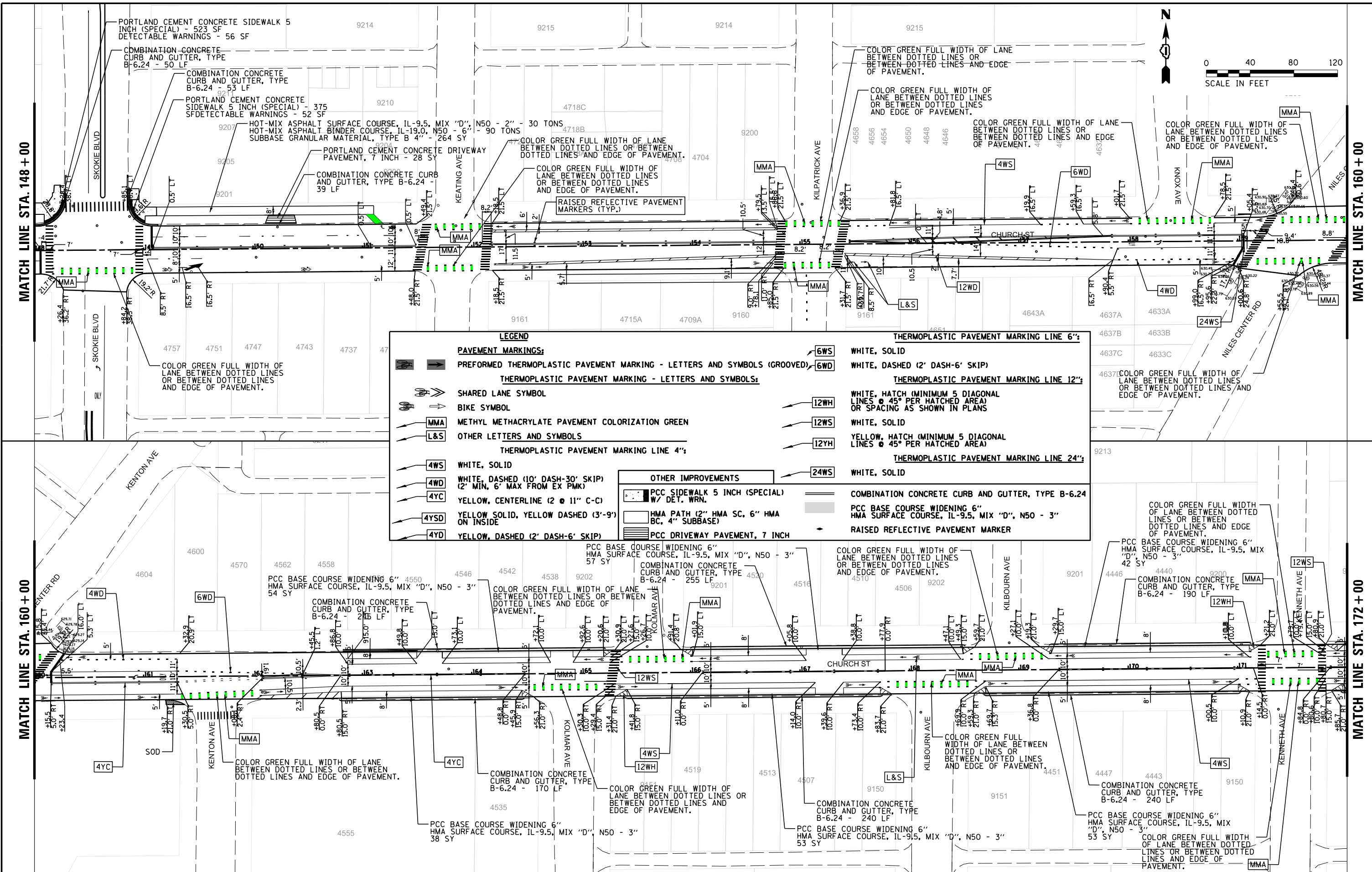
- PCC SIDEWALK 5 INCH (SPECIAL) W/ DET. WRN.
- HMA PATH (2" HMA SC, 6" HMA BC, 4" SUBBASE)
- PCC DRIVEWAY PAVEMENT, 7 INCH
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- PCC BASE COURSE WIDENING 6" HMA SURFACE COURSE, IL-9.5, MIX "D", N50 - 3"
- RAISED REFLECTIVE PAVEMENT MARKER

MATCH LINE STA. 112 + 00

MATCH LINE STA. 124 + 00

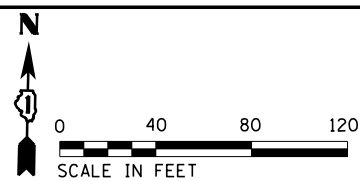
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	PLOT DATE = 3/11/2025	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									





LEGEND	
	<b>PAVEMENT MARKINGS:</b>
	SHARED LANE SYMBOL
	BIKE SYMBOL
	METHYL METHACRYLATE PAVEMENT COLORIZATION GREEN
	OTHER LETTERS AND SYMBOLS
	<b>THERMOPLASTIC PAVEMENT MARKING LINE 4":</b> WHITE, SOLID
	WHITE, DASHED (10' DASH-30' SKIP) (2" MIN, 6" MAX FROM EX PMK)
	YELLOW, CENTERLINE (2 @ 11" C-C)
	YELLOW SOLID, YELLOW DASHED (3'-9") ON INSIDE
	YELLOW, DASHED (2' DASH-6" SKIP)
	<b>THERMOPLASTIC PAVEMENT MARKING LINE 6":</b> WHITE, SOLID
	WHITE, DASHED (2' DASH-6" SKIP)
	<b>THERMOPLASTIC PAVEMENT MARKING LINE 12":</b> WHITE, HATCH (MINIMUM 5 DIAGONAL LINES @ 45° PER HATCHED AREA) OR SPACING AS SHOWN IN PLANS
	WHITE, SOLID
	YELLOW, HATCH (MINIMUM 5 DIAGONAL LINES @ 45° PER HATCHED AREA)
	<b>THERMOPLASTIC PAVEMENT MARKING LINE 24":</b> WHITE, SOLID
	<b>OTHER IMPROVEMENTS</b> PCC SIDEWALK 5 INCH (SPECIAL) W/ DET. WRN.
	HMA PATH (2" HMA SC, 6" HMA BC, 4" SUBBASE)
	PCC DRIVEWAY PAVEMENT, 7 INCH
	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
	PCC BASE COURSE WIDENING 6" HMA SURFACE COURSE, IL-9.5, MIX "D", N50 - 3"
	RAISED REFLECTIVE PAVEMENT MARKER



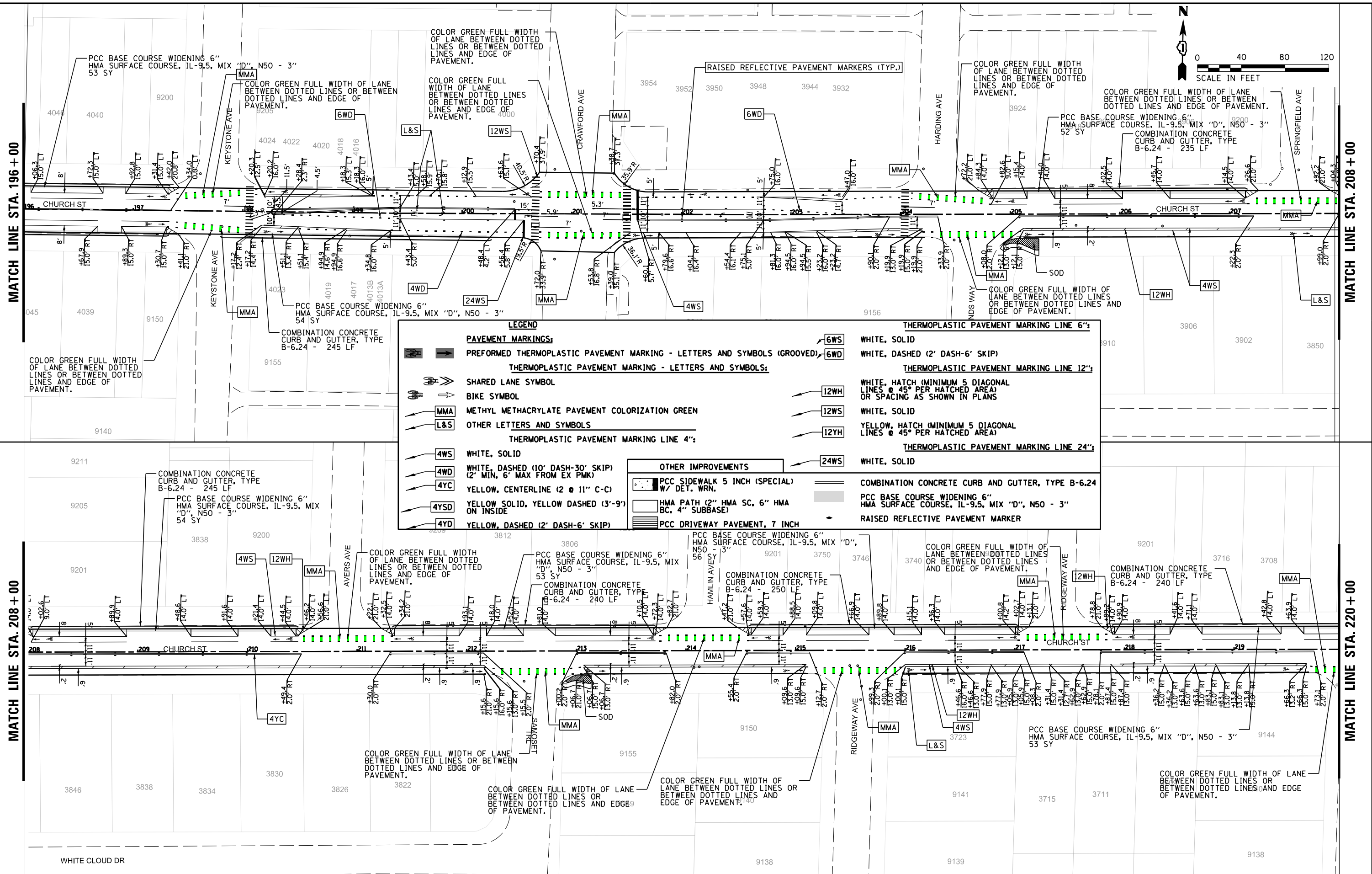


MATCH LINE STA. 196+00

MATCH LINE STA. 208+00

MATCH LINE STA. 208+00

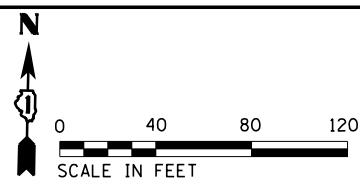
MATCH LINE STA. 220+00



**LEGEND**

	<b>PAVEMENT MARKINGS:</b>		<b>6WS</b> WHITE, SOLID
	PREFORMED THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (GROOVED)		<b>6WD</b> WHITE, DASHED (2' DASH-6' SKIP)
	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS:		<b>12WH</b> WHITE, HATCH (MINIMUM 5 DIAGONAL LINES @ 45° PER HATCHED AREA) OR SPACING AS SHOWN IN PLANS
	SHARED LANE SYMBOL		<b>12WS</b> WHITE, SOLID
	BIKE SYMBOL		<b>12YH</b> YELLOW, HATCH (MINIMUM 5 DIAGONAL LINES @ 45° PER HATCHED AREA)
	METHYL METHACRYLATE PAVEMENT COLORIZATION GREEN		<b>24WS</b> WHITE, SOLID
	OTHER LETTERS AND SYMBOLS		
	<b>4WS</b> WHITE, SOLID		
	<b>4WD</b> WHITE, DASHED (10' DASH-30' SKIP) (2' MIN, 6' MAX FROM EX PMK)		
	<b>4YC</b> YELLOW, CENTERLINE (2 @ 11" C-C)		
	<b>4YS</b> YELLOW SOLID, YELLOW DASHED (3'-9') ON INSIDE		
	<b>4YD</b> YELLOW, DASHED (2' DASH-6' SKIP)		
	<b>OTHER IMPROVEMENTS</b>		
	PCC SIDEWALK 5 INCH (SPECIAL) W/ DET. WRN.		COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
	MMA PATH (2" HMA SC, 6" HMA BC, 4" SUBBASE)		PCC BASE COURSE WIDENING 6" HMA SURFACE COURSE, IL-9.5, MIX "D", N50 - 3"
	PCC DRIVEWAY PAVEMENT, 7 INCH		RAISED REFLECTIVE PAVEMENT MARKER

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Default	PLOT SCALE = 80'	CHECKED -	REVISED -			SCALE: 1" = 40'	SHEET OF SHEETS	STA. 196+00	TO STA. 220+00	CONTRACT NO. 61L34		
	PLOT DATE = 3/11/2025	DATE -	REVISED -			ILLINOIS FED. AID PROJECT						



MATCH LINE STA. 220 + 00

MATCH LINE STA. 232 + 00

MATCH LINE STA. 232 + 00

MATCH LINE STA. 244 + 00

**LEGEND**

**PAVEMENT MARKINGS:**

- PREFORMED THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (GROOVED)
- THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
- SHARED LANE SYMBOL
- BIKE SYMBOL
- METHYL METHACRYLATE PAVEMENT COLORIZATION GREEN
- OTHER LETTERS AND SYMBOLS

**THERMOPLASTIC PAVEMENT MARKING LINE 4":**

- WHITE, SOLID
- WHITE, DASHED (10' DASH-30' SKIP) (2' MIN, 6' MAX FROM EX PMK)
- YELLOW, CENTERLINE (2 @ 11" C-C)
- YELLOW SOLID, YELLOW DASHED (3'-9") ON INSIDE
- YELLOW, DASHED (2' DASH-6' SKIP)

**THERMOPLASTIC PAVEMENT MARKING LINE 6":**

- WHITE, SOLID
- WHITE, DASHED (2' DASH-6' SKIP)

**THERMOPLASTIC PAVEMENT MARKING LINE 12":**

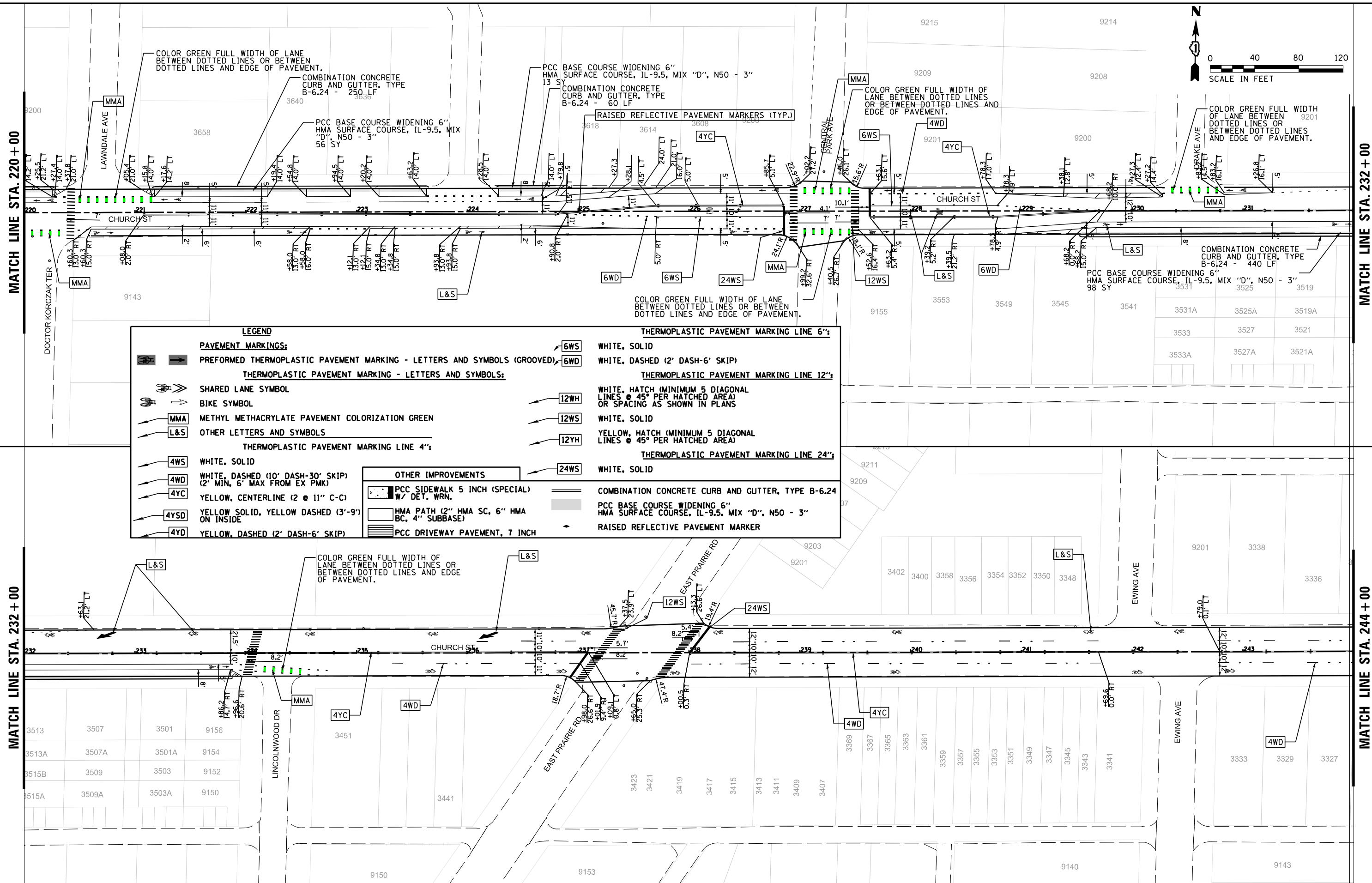
- WHITE, HATCH (MINIMUM 5 DIAGONAL LINES @ 45° PER HATCHED AREA) OR SPACING AS SHOWN IN PLANS
- WHITE, SOLID
- YELLOW, HATCH (MINIMUM 5 DIAGONAL LINES @ 45° PER HATCHED AREA)

**THERMOPLASTIC PAVEMENT MARKING LINE 24":**

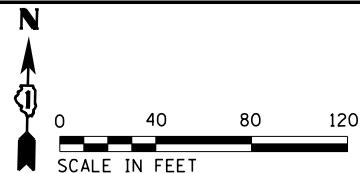
- WHITE, SOLID

**OTHER IMPROVEMENTS**

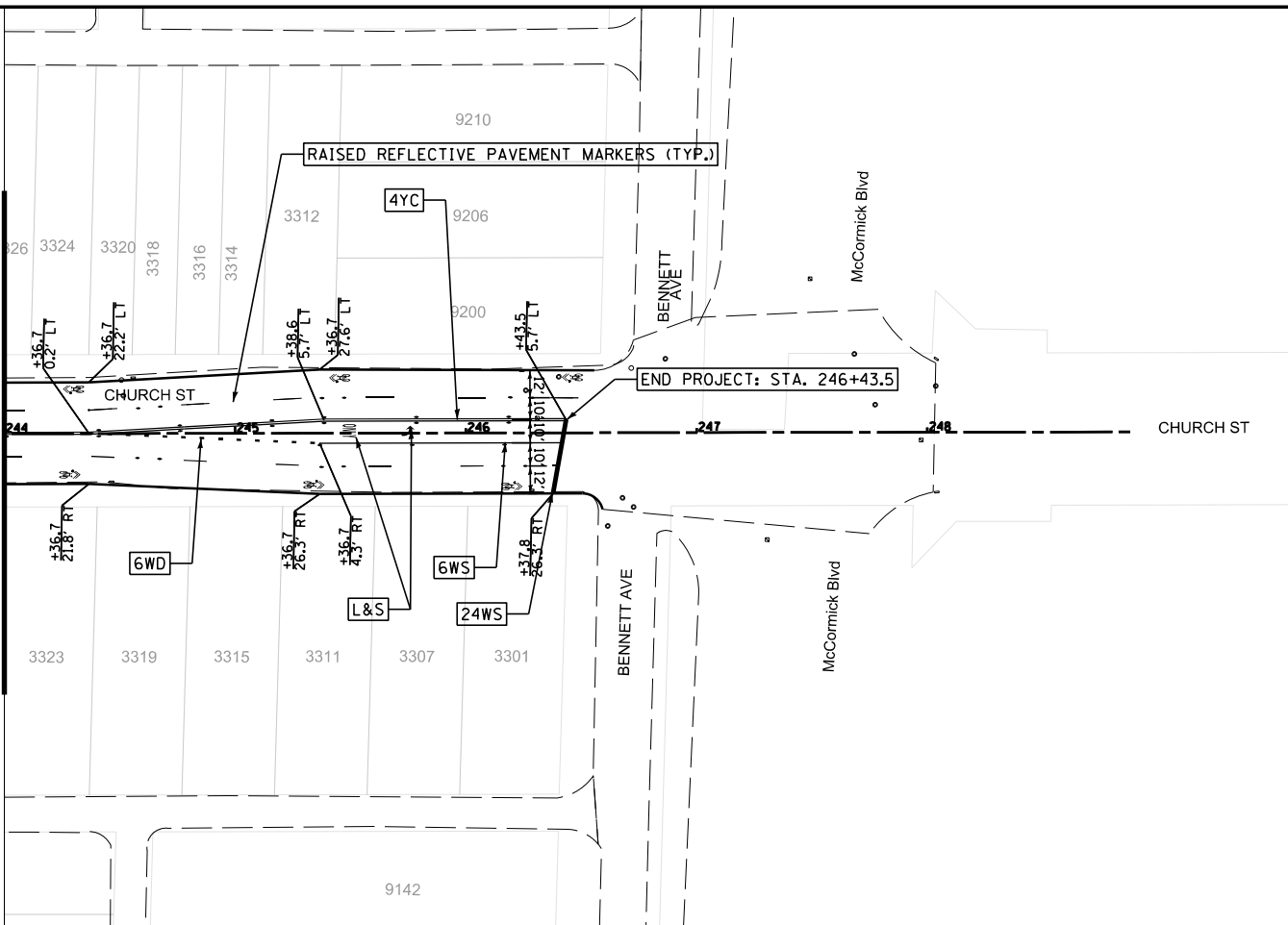
- PCC SIDEWALK 5 INCH (SPECIAL) W/ DET. WRN.
- HMA PATH (2" HMA SC, 6" HMA BC, 4" SUBBASE)
- PCC DRIVEWAY PAVEMENT, 7 INCH
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- PCC BASE COURSE WIDENING 6" HMA SURFACE COURSE, IL-9.5, MIX "D", N50 - 3"
- RAISED REFLECTIVE PAVEMENT MARKER



FILE NAME = N:\Skokie\180486\Civil\PRO06_CHURCH STREET.dgn	USER NAME = jhouseh	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED PLAN</b>			F.A.U. R.E. = 1313	SECTION = 13-00295-00-BT	COUNTY = COOK	TOTAL SHEETS = 67	SHEET NO. = 23
Default	PLOT SCALE = 80'	CHECKED -	REVISED -		SCALE: 1" = 40'	SHEET OF SHEETS	STA. 220+00 TO STA. 244+00	<b>CONTRACT NO. 61L34</b>				
	PLOT DATE = 3/11/2025	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



MATCH LINE STA. 244 + 00



END PROJECT: STA. 246+43.5

LEGEND		THERMOPLASTIC PAVEMENT MARKING LINE 6":	
	<b>PAVEMENT MARKINGS:</b>		WHITE, SOLID
	PREFORMED THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (GROOVED)		WHITE, DASHED (2' DASH-6' SKIP)
	<b>THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS:</b>		<b>THERMOPLASTIC PAVEMENT MARKING LINE 12":</b>
	SHARED LANE SYMBOL		WHITE, HATCH (MINIMUM 5 DIAGONAL LINES @ 45° PER HATCHED AREA) OR SPACING AS SHOWN IN PLANS
	BIKE SYMBOL		WHITE, SOLID
	METHYL METHACRYLATE PAVEMENT COLORIZATION GREEN		YELLOW, HATCH (MINIMUM 5 DIAGONAL LINES @ 45° PER HATCHED AREA)
	OTHER LETTERS AND SYMBOLS		<b>THERMOPLASTIC PAVEMENT MARKING LINE 24":</b>
	<b>THERMOPLASTIC PAVEMENT MARKING LINE 4":</b>		WHITE, SOLID
	WHITE, SOLID		
	WHITE, DASHED (10' DASH-30' SKIP) (2' MIN, 6' MAX FROM EX PMK)		
	YELLOW, CENTERLINE (2 @ 11" C-C)		
	YELLOW SOLID, YELLOW DASHED (3'-9') ON INSIDE		
	YELLOW, DASHED (2' DASH-6' SKIP)		
	<b>OTHER IMPROVEMENTS</b>		
	PCC SIDEWALK 5 INCH (SPECIAL) W/ DET. WRN.		COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
	HMA PATH (2" HMA SC, 6" HMA BC, 4" SUBBASE)		PCC BASE COURSE WIDENING 6" HMA SURFACE COURSE, IL-9.5, MIX "D", N50 - 3"
	PCC DRIVEWAY PAVEMENT, 7 INCH		RAISED REFLECTIVE PAVEMENT MARKER

FILE NAME =	USER NAME = jhouseh	DESIGNED -	REVISED -
N:\Skokie\180486\Civil\PRO07_CHURCH STREET.dgn		DRAWN -	REVISED -
Default		CHECKED -	REVISED -
	PLOT DATE = 3/11/2025	DATE -	REVISED -

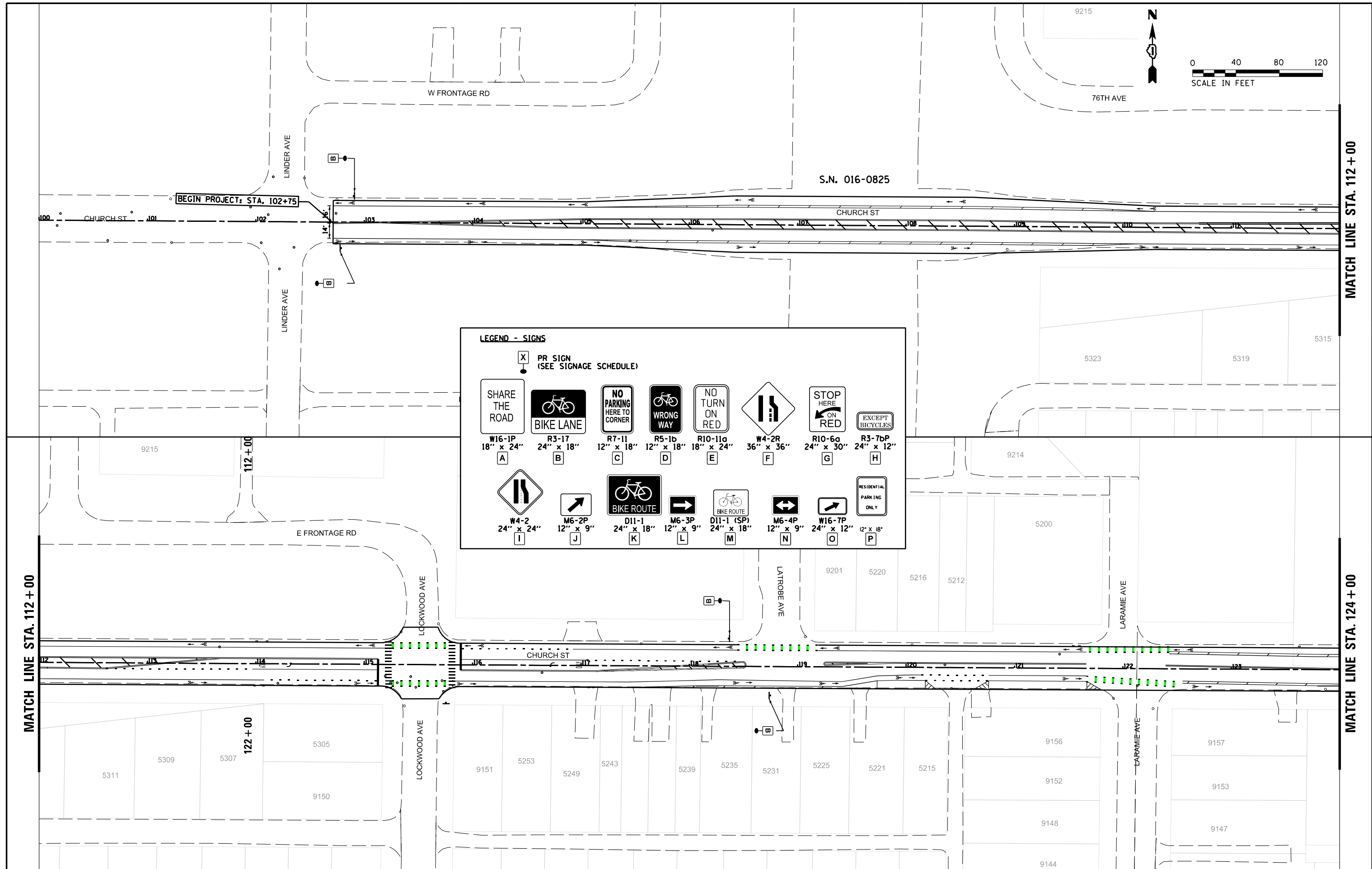
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN**

SCALE: 1" = 40' SHEET OF SHEETS STA. 244+00 TO STA. 248+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1313	13-00295-00-BT	COOK	67	24
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61L34	



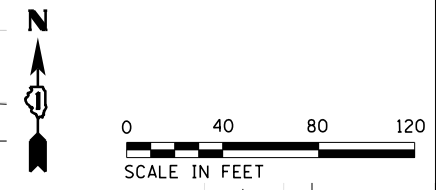


**LEGEND - SIGNS**

X PR SIGN (SEE SIGNAGE SCHEDULE)

W16-1P 18" x 24"	R3-17 24" x 18"	R7-11 12" x 18"	R5-1b 12" x 18"	R10-11a 18" x 24"	W4-2R 36" x 36"	R10-6a 24" x 30"	R3-7bP 24" x 12"
W4-2 24" x 24"	M6-2P 12" x 9"	D11-1 24" x 18"	M6-3P 12" x 9"	D11-1 (SP) 24" x 18"	M6-4P 12" x 9"	W16-7P 24" x 12"	12" x 18"

FILE NAME = N:\Skokie\180486\Civil\SGN01.CHURCH STREET.dgn	USER NAME = jhouseh	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SIGNAGE PLAN</b>			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 80'	DRAWN -	REVISED -		SCALE: 1" = 40'	SHEET	OF	SHEETS	1313	13-00295-00-BT	COOK	67	25
	PLOT DATE = 3/11/2025	CHECKED -	REVISED -		STA. 100+00	TO	STA. 124+00	<b>CONTRACT NO. 61L34</b>		ILLINOIS FED. AID PROJECT			
		DATE -	REVISED -										



MATCH LINE STA. 124 + 00

MATCH LINE STA. 136 + 00

MATCH LINE STA. 136 + 00

MATCH LINE STA. 148 + 00

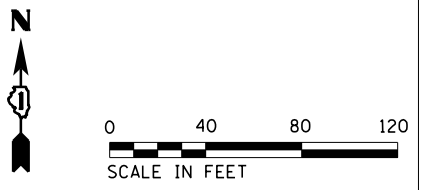
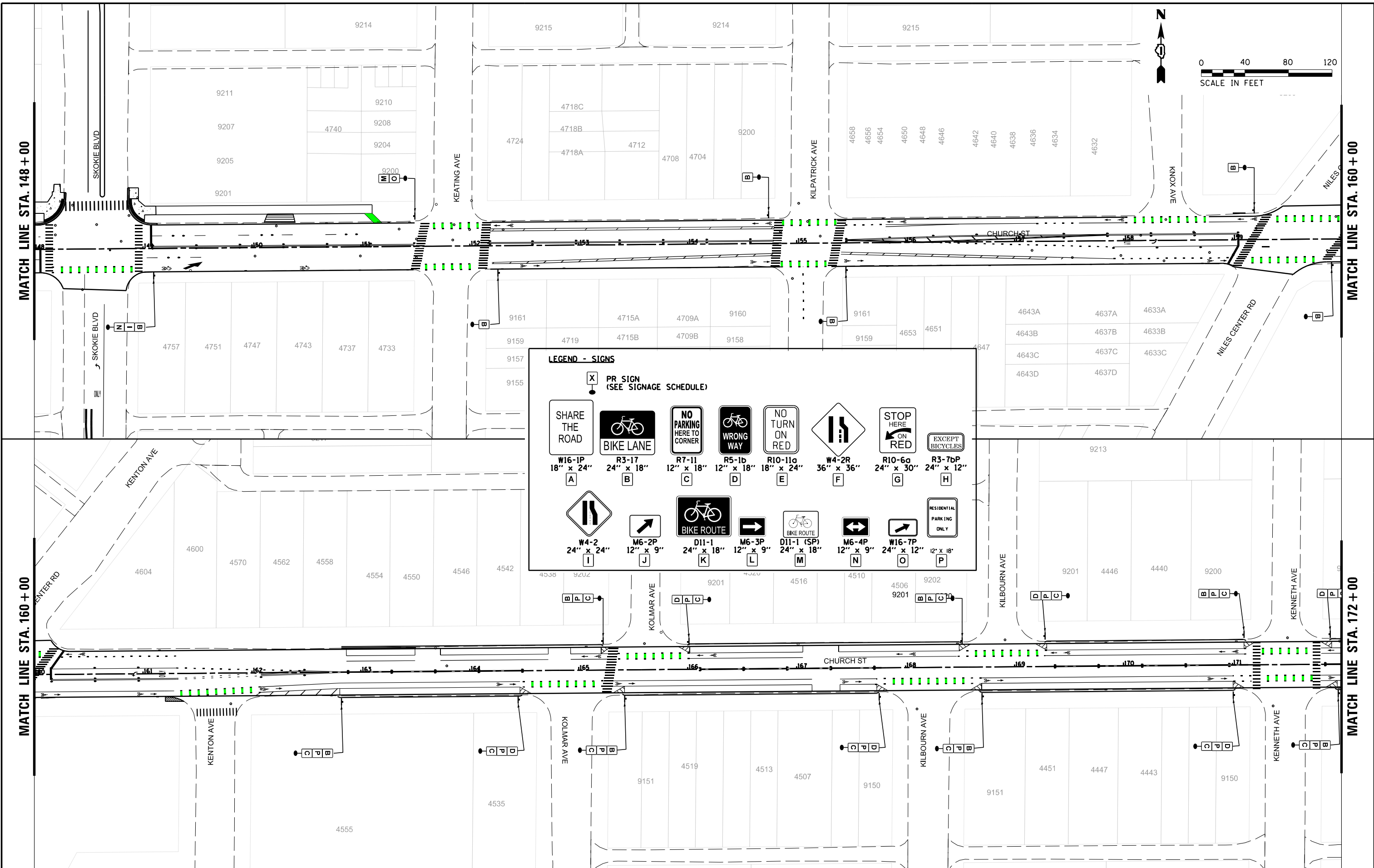
TRAIL TO BE CONSTRUCTED UNDER CONTRACT NO. 61K24

**LEGEND - SIGNS**

X PR SIGN (SEE SIGNAGE SCHEDULE)

W16-1P 18" x 24" A	R3-17 24" x 18" B	R7-11 12" x 18" C	R5-1b 12" x 18" D	R10-11a 18" x 24" E	W4-2R 36" x 36" F	R10-6a 24" x 30" G	R3-7bP 24" x 12" H
W4-2 24" x 24" I	M6-2P 12" x 9" J	D11-1 24" x 18" K	M6-3P 12" x 9" L	D11-1 (SP) 24" x 18" M	M6-4P 12" x 9" N	W16-7P 24" x 12" O	RESIDENTIAL PARKING ONLY 12" x 18" P

FILE NAME = N:\Skokie\180486\Civil\SGN02_CHURCH STREET.dgn	USER NAME = jhouseh	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SIGNAGE PLAN</b>			F.A.U. RTE. 1313	SECTION 13-00295-00-BT	COUNTY COOK	TOTAL SHEETS 67	SHEET NO. 26
PLOT SCALE = 80'	PLOT DATE = 3/11/2025	DRAWN -	REVISED -		SCALE: 1" = 40'	SHEET	OF SHEETS	STA. 124+00	TO STA. 148+00	CONTRACT NO. 61L34		
Default		CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									



**LEGEND - SIGNS**

	PR SIGN (SEE SIGNAGE SCHEDULE)
	SHARE THE ROAD W16-1P 18" x 24" A
	BIKE LANE R3-17 24" x 18" B
	NO PARKING HERE TO CORNER R7-11 12" x 18" C
	WRONG WAY R5-1b 12" x 18" D
	NO TURN ON RED R10-11a 18" x 24" E
	W4-2R 36" x 36" F
	STOP HERE ON RED R10-6a 24" x 30" G
	EXCEPT BICYCLES R3-7bP 24" x 12" H
	W4-2 24" x 24" I
	M6-2P 12" x 9" J
	BIKE ROUTE D11-1 24" x 18" K
	M6-3P 12" x 9" L
	BIKE ROUTE (SP) D11-1 (SP) 24" x 18" M
	M6-4P 12" x 9" N
	W16-7P 24" x 12" O
	RESIDENTIAL PARKING ONLY 12" x 18" P

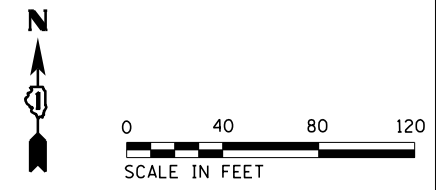
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PLOT SCALE = 80'		DRAWN -	REVISED -
PLOT DATE = 3/11/2025		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIGNAGE PLAN**

SCALE: 1" = 40'    SHEET    OF    SHEETS    STA. 148+00    TO    STA. 172+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1313	13-00295-00-BT	COOK	67	27
CONTRACT NO.			61L34	
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 172 + 00

MATCH LINE STA. 184 + 00

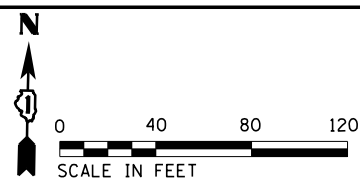
MATCH LINE STA. 184 + 00

MATCH LINE STA. 196 + 00

**LEGEND - SIGNS**

	PR SIGN (SEE SIGNAGE SCHEDULE)
	SHARE THE ROAD W16-1P 18" x 24"
	BIKE LANE R3-17 24" x 18"
	NO PARKING HERE TO CORNER R7-11 12" x 18"
	WRONG WAY R5-1b 12" x 18"
	NO TURN ON RED R10-11a 18" x 24"
	STOP HERE ON RED W4-2R 36" x 36"
	EXCEPT BICYCLES R10-6a 24" x 30"
	RESIDENTIAL PARKING ONLY R3-7bP 24" x 12"
	BIKE ROUTE W4-2 24" x 24"
	BIKE ROUTE M6-2P 12" x 9"
	BIKE ROUTE D11-1 24" x 18"
	BIKE ROUTE M6-3P 12" x 9"
	BIKE ROUTE D11-1 (SP) 24" x 18"
	BIKE ROUTE M6-4P 12" x 9"
	BIKE ROUTE W16-7P 24" x 12"
	BIKE ROUTE 12" x 18"

FILE NAME = N:\Skokie\180486\Civil\SGN04_CHURCH STR ET.dgn	USER NAME = jhouseh	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SIGNAGE PLAN</b>			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 80'	DRAWN -	REVISED -		SCALE: 1" = 40'	SHEET	OF	SHEETS	STA. 172+00	TO STA. 196+00	COOK	67	28
	PLOT DATE = 3/11/2025	CHECKED -	REVISED -		CONTRACT NO. 61L34								
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



MATCH LINE STA. 196 + 00

MATCH LINE STA. 208 + 00

MATCH LINE STA. 208 + 00

MATCH LINE STA. 220 + 00

**LEGEND - SIGNS**

PR SIGN (SEE SIGNAGE SCHEDULE)	SHARE THE ROAD W16-1P 18" x 24" A	BIKE LANE R3-17 24" x 18" B	NO PARKING HERE TO CORNER R7-11 12" x 18" C	WRONG WAY R5-1b 12" x 18" D	NO TURN ON RED R10-11a 18" x 24" E	W4-2R 36" x 36" F	STOP HERE ON RED R10-6a 24" x 30" G	EXCEPT BICYCLES R3-7bP 24" x 12" H
W4-2 24" x 24" I	M6-2P 12" x 9" J	BIKE ROUTE D11-1 24" x 18" K	M6-3P 12" x 9" L	BIKE ROUTE D11-1 (SP) 24" x 18" M	M6-4P 12" x 9" N	W16-7P 24" x 12" O	RESIDENTIAL PARKING ONLY 12" x 18" P	

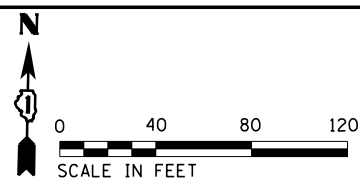
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PLOT DATE = 3/11/2025		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIGNAGE PLAN**

SCALE: 1" = 40'    SHEET    OF    SHEETS    STA. 196+00    TO    STA. 220+00

F.A.U. RTE. 1313	SECTION 13-00295-00-BT	COUNTY COOK	TOTAL SHEETS 67	SHEET NO. 29
CONTRACT NO. 61L34			ILLINOIS FED. AID PROJECT	



MATCH LINE STA. 220 + 00

MATCH LINE STA. 232 + 00

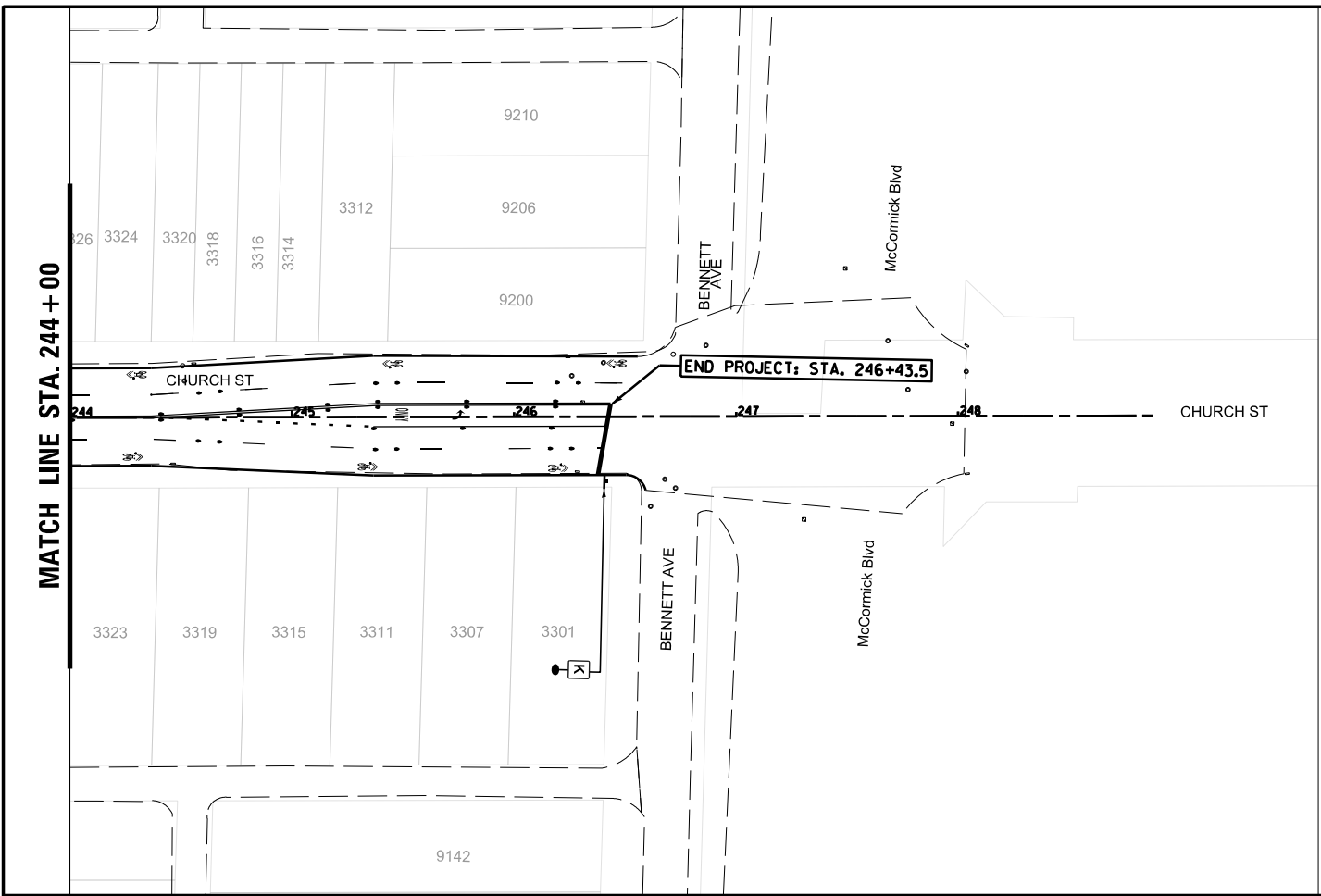
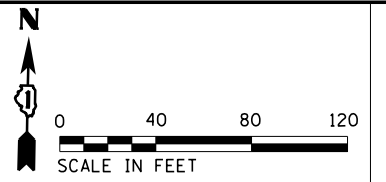
MATCH LINE STA. 232 + 00

MATCH LINE STA. 244 + 00

**LEGEND - SIGNS**

PR SIGN (SEE SIGNAGE SCHEDULE)	SHARE THE ROAD W16-1P 18" x 24"	BIKE LANE R3-17 24" x 18"	NO PARKING HERE TO CORNER R7-11 12" x 18"	WRONG WAY R5-1b 12" x 18"	NO TURN ON RED R10-11a 18" x 24"	STOP HERE ON RED R10-6a 24" x 30"	EXCEPT BICYCLES R3-7bP 24" x 12"
W4-2 24" x 24"	M6-2P 12" x 9"	BIKE ROUTE D11-1 24" x 18"	M6-3P 12" x 9"	BIKE ROUTE D11-1 (SP) 24" x 18"	M6-4P 12" x 9"	W16-7P 24" x 12"	RESIDENTIAL PARKING ONLY 12" x 18"

FILE NAME = N:\Skokie\180486\Civil\SGN06_CHURCH STREET.dgn	USER NAME = jhouseh	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SIGNAGE PLAN</b>			F.A.U. RTE. 1313	SECTION 13-00295-00-BT	COUNTY COOK	TOTAL SHEETS 67	SHEET NO. 30
Default	PLOT SCALE = 80'	DRAWN -	REVISED -		SCALE: 1" = 40'	SHEET	OF	SHEETS	STA. 220+00	TO STA. 244+00	CONTRACT NO. 61L34	
	PLOT DATE = 3/11/2025	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									



**LEGEND - SIGNS**

	PR SIGN (SEE SIGNAGE SCHEDULE)						
W16-1P 18" x 24"	R3-17 24" x 18"	R7-11 12" x 18"	R5-1b 12" x 18"	R10-11a 18" x 24"	W4-2R 36" x 36"	R10-6a 24" x 30"	R3-7bP 24" x 12"
A	B	C	D	E	F	G	H
W4-2 24" x 24"	M6-2P 12" x 9"	D11-1 24" x 18"	M6-3P 12" x 9"	D11-1 (SP) 24" x 18"	M6-4P 12" x 9"	W16-7P 24" x 12"	RESIDENTIAL PARKING ONLY 12' x 18'
I	J	K	L	M	N	O	P

FILE NAME = N:\Skokie\180486\Civil\SGN07_CHURCH STR	USER NAME = jhouseh	DESIGNED -	REVISED -
ET.dgn		DRAWN -	REVISED -
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PLOT DATE = 3/11/2025		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

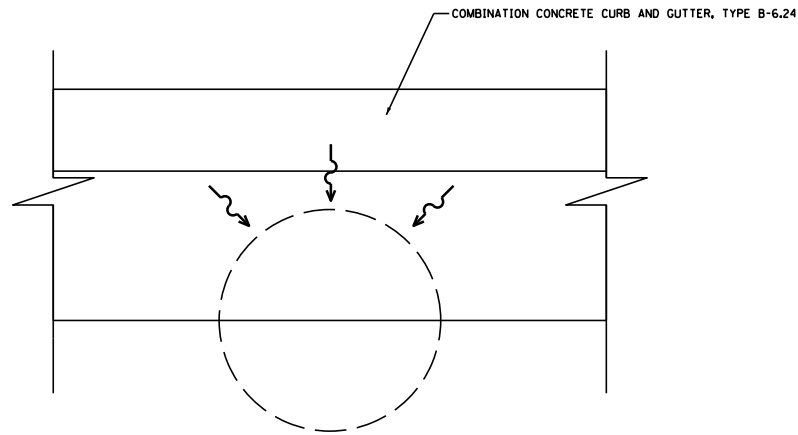
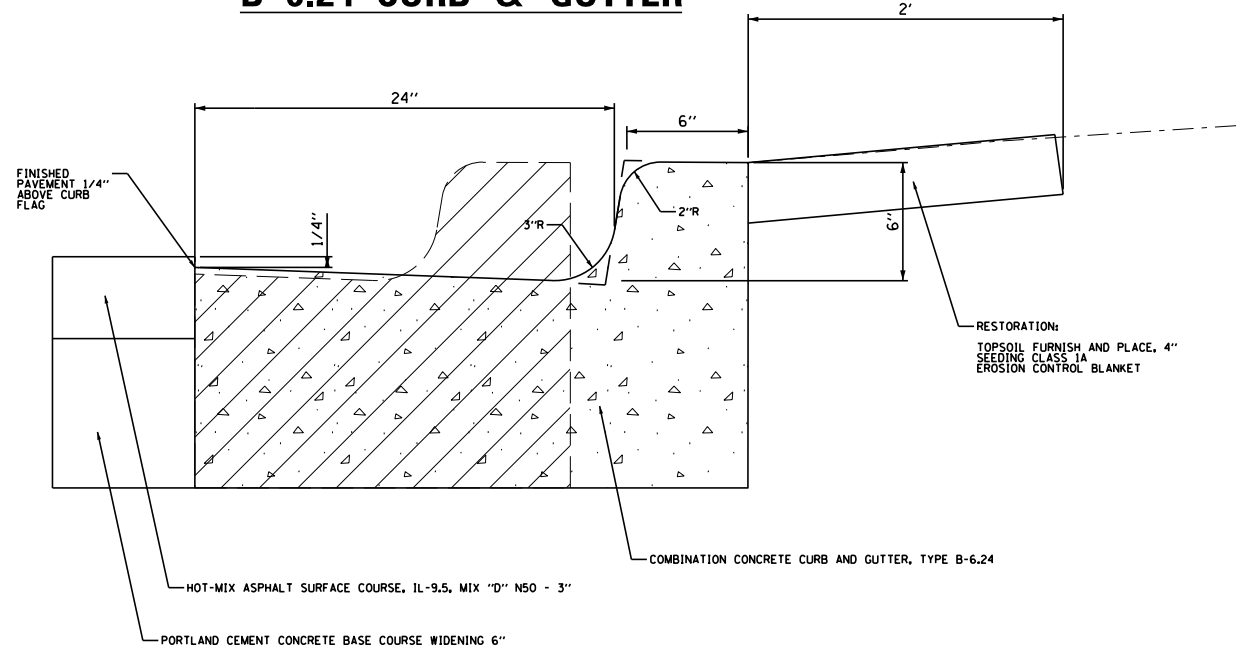
<b>SIGNAGE PLAN</b>			
SCALE: 1" = 40'	SHEET	OF	SHEETS
			STA. 244+00 TO STA. 248+00

F.A.U. RTE. 1313	SECTION 9201 13-00295-00-B7	COUNTY 5220 COOK	TOTAL SHEETS 67	SHEET NO. 31
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61L34	

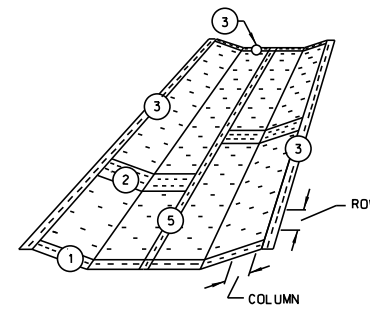




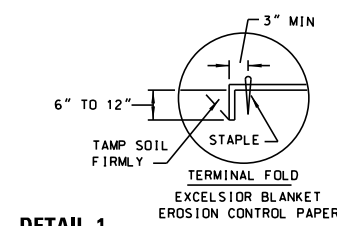
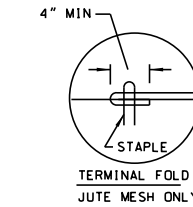
# B-6.24 CURB & GUTTER



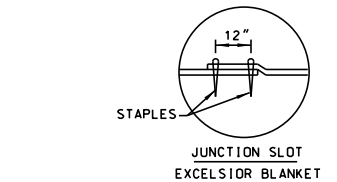
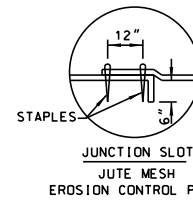
NOTE:  
THE PROPOSED GUTTER SHALL BE SLOPED TO ENSURE PROPER DRAINAGE TO EXISTING STRUCTURES. WHEN NECESSARY, THE FRAME AND LID SHALL BE REMOVED AND REPLACED. THIS WORK SHALL BE PERFORMED AT THE SATISFACTION OF THE ENGINEER AND LOCATIONS SHALL BE DETERMINED IN THE FIELD.



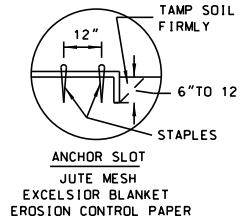
PLAN



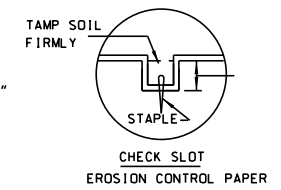
DETAIL 1



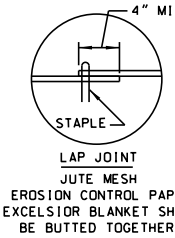
DETAIL 2



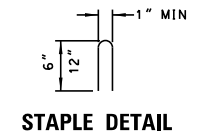
DETAIL 3



DETAIL 4



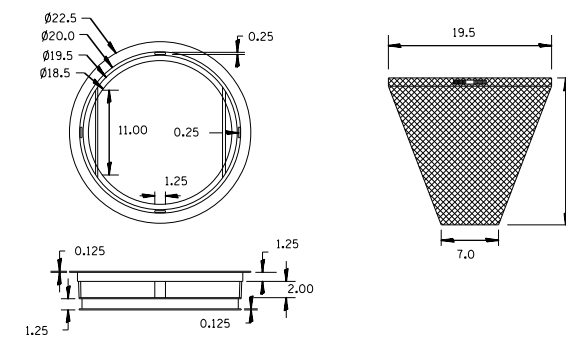
DETAIL 5



- NOTES:
- ON EROSION CONTROL PAPER, CHECK SLOTS, IN DITCH CHANNEL SHALL BE SPACED SO THAT ONE OCCURS WITHIN EACH 50' ON SLOPES OF MORE THAN 4% AND LESS THAN 6%. SLOPES OF 6% OR MORE, SHALL BE SPACED SO THAT ONE OCCURS WITHIN EACH 25'.
  - STAPLES TO BE PLACED ALTERNATELY, IN COLUMNS APPROXIMATELY 2' APART AND IN ROWS APPROXIMATELY 3' APART. APPROXIMATELY 175 STAPLES ARE REQUIRED PER 4' X 225' ROLL OF MATERIAL AND 125 STAPLES ARE REQUIRED PER 4' X 150' ROLL OF MATERIAL.
  - EROSION CONTROL MATERIAL SHALL BE PLACED LOOSELY OVER GROUND SURFACE. DO NOT STRETCH.
  - ALL TERMINAL ENDS AND TRANSVERSE LAPS SHALL BE STAPLED AT APPROXIMATELY 12" INTERVALS.

## EROSION CONTROL BLANKET

### TYPICAL ROUND INLET PROTECTOR



NOTES:  
FRAME: Top ring constructed from 1 1/4" x 1 1/8" angle. Base ring fabricated from 1 1/2" x 1/2" x 1/8" channel. Handles and suspension brackets constructed from 1/4" x 1/4" flat. All steel conforming to ASTM-A36.

REPLACEABLE BAG: Constructed from 4 oz./sq.yd. non-woven polypropylene geotextile reinforced with polyester mesh. Connected to base ring with stainless steel strap and lock.

INLET FILTERS  
NOT TO SCALE

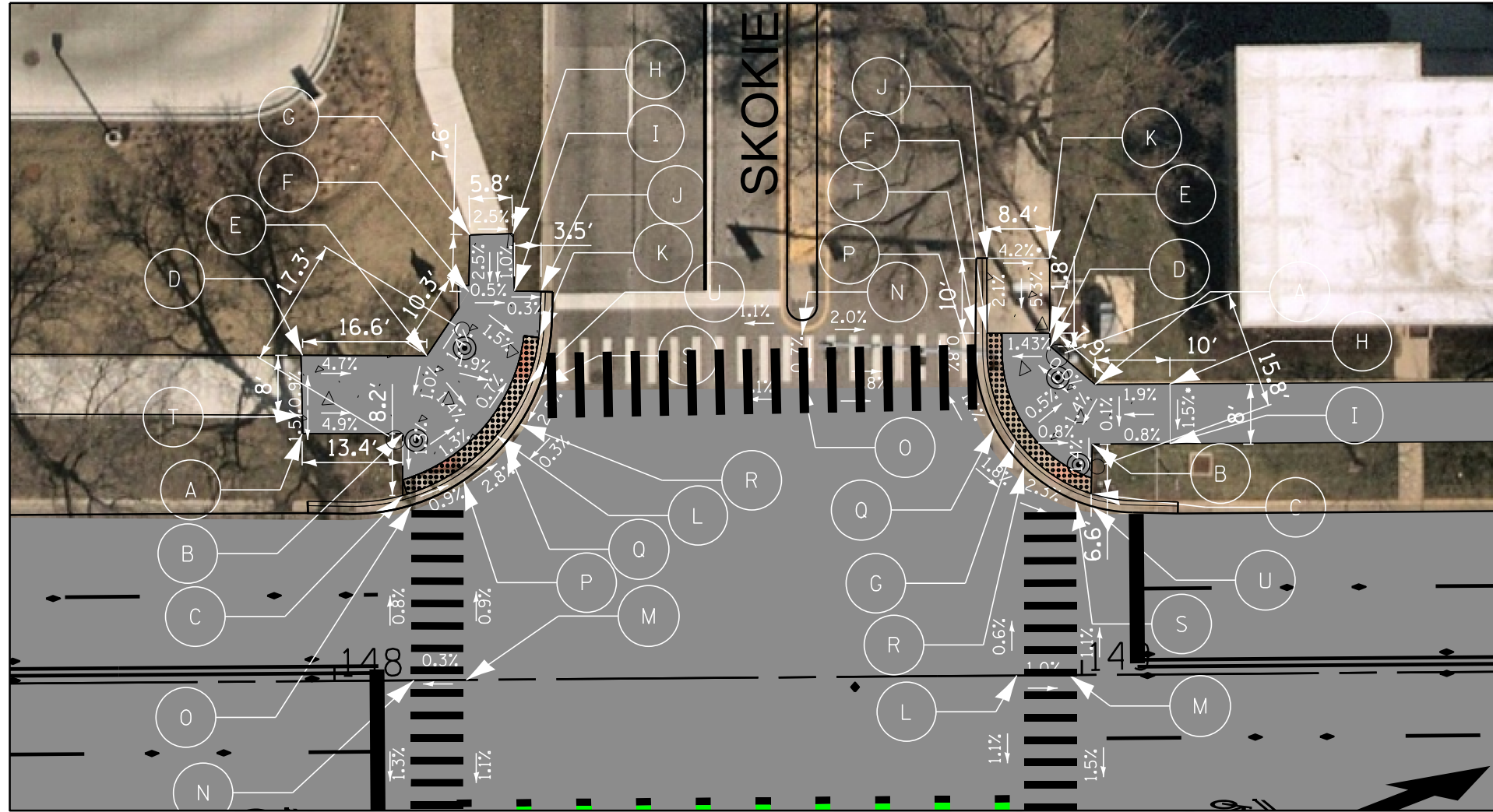
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Default	PLOT SCALE = 106'	CHECKED - JGS	REVISED -
	PLOT DATE = 2/27/2025	DATE - \$SUBMIT\$	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

### CONSTRUCTION DETAILS

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1313	13-00295-00-BT	COOK	67	33
CONTRACT NO. 61L34				
ILLINOIS FED. AID PROJECT				



CHURCH/SKOKIE - NW			
POINT	STATION	OFFSET	ELEVATION
A	147+95	33.1 LT	628.59
B	148+09	33.0 LT	(627.93)
C	148+09	24.8 LT	(627.82)
D	147+96	43.6 LT	627.57
E	148+13	43.4 LT	627.57
F	148+18	52.0 LT	627.67
G	148+19	59.6 LT	(627.86)
H	148+24	59.7 LT	(627.71)
I	148+25	52.0 LT	627.64
J	148+28	51.9 LT	(627.63)
K	148+28	45.8 LT	(627.50)
L	148+22	32.7 LT	(627.61)
M	148+18	0.0 LT	(627.71)
N	148+11	0.0 LT	(627.73)
O	148+10	23.4 LT	(627.55)
P	148+17	26.7 LT	(627.48)
Q	148+23	31.6 LT	(627.27)
R	148+25	34.2 LT	(627.28)
S	148+28	39.2 LT	(627.44)
T	147+96	35.6 Lt	(628.71)
U	148+26	39.5 LT	(627.56)

CHURCH/SKOKIE - NE			
POINT	STATION	OFFSET	ELEVATION
A	149+02	38.9 LT	627.57
B	149+02	30.9 LT	627.56
C	149+01	24.2 LT	627.47
D	148+96	44.0 LT	627.57
E	148+96	45.8 LT	627.57
F	148+88	45.9 LT	627.45
G	148+91	31.5 LT	(627.64)
H	149+12	38.9 LT	(627.76)
I	149+12	30.9 LT	(627.64)
J	148+78	55.9 LT	(627.64)
K	148+96	55.8 LT	(628.00)
L	148+31	0.0 LT	(627.50)
M	148+98	0.0 LT	(627.43)
N	148+63	45.8 LT	(627.88)
O	148+63	39.8 LT	(627.84)
P	148+86	39.2 LT	(627.41)
Q	148+88	33.1 LT	(627.48)
R	148+92	27.9 LT	627.36
S	148+99	23.3 LT	(627.17)
T	148+86	45.9 LT	(627.36)
U	149+01	22.6 LT	(627.17)

FILE NAME =	USER NAME = jhouseh	DESIGNED - BLL	REVISED - _____
N:\Skokie\180486\Civil\ADA01.CHURCH-US41.dgn		DRAWN - VAR	REVISED - _____
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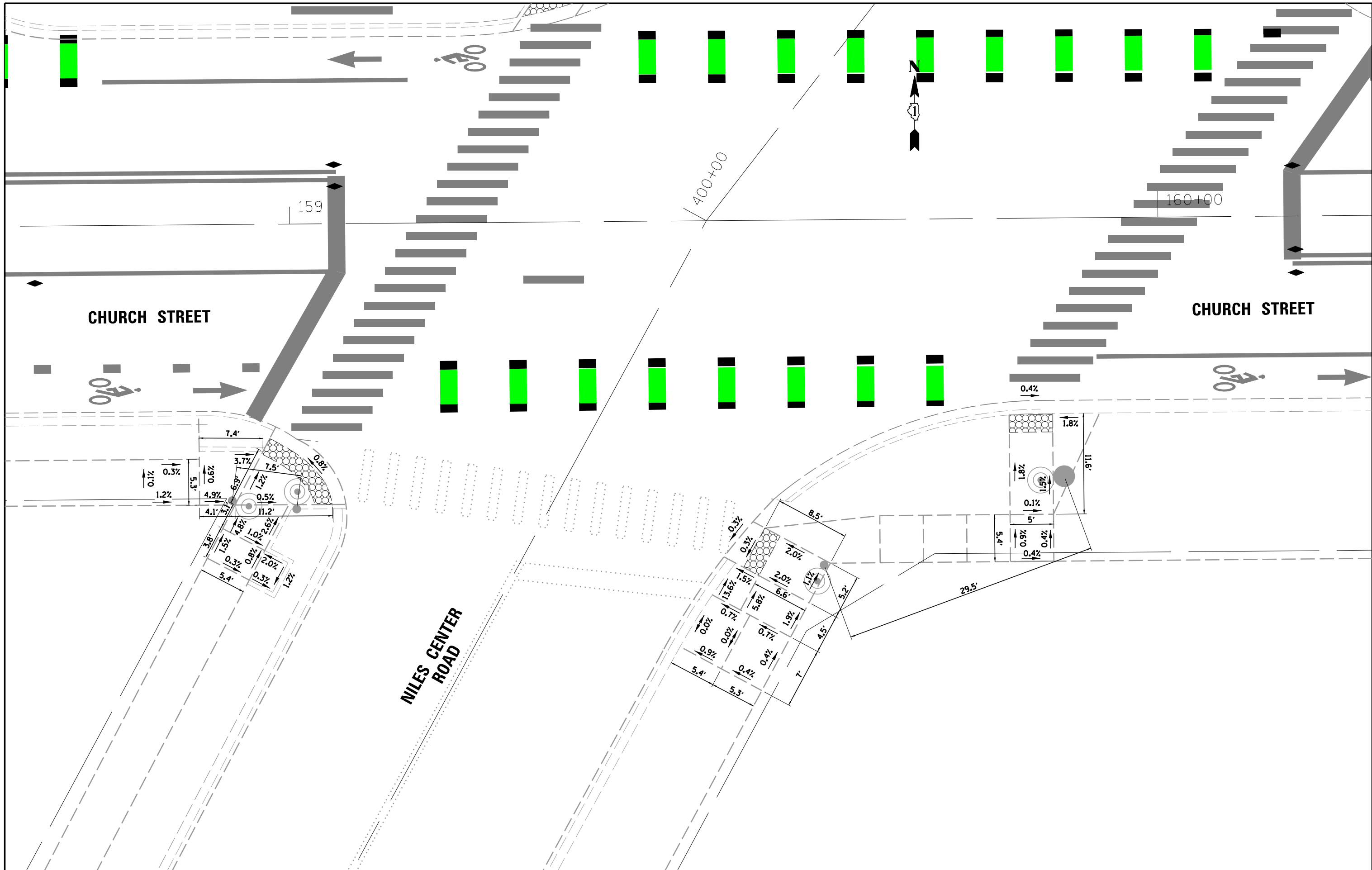
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA DETAILS  
CHURCH STREET AND US ROUTE 41 (SKOKIE BOULEVARD)**

SCALE: \_\_\_\_\_ SHEET \_\_\_\_\_ OF \_\_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1313	13-00295-00-BT	COOK	67	34
<b>CONTRACT NO. 61L34</b>				
ILLINOIS FED. AID PROJECT				

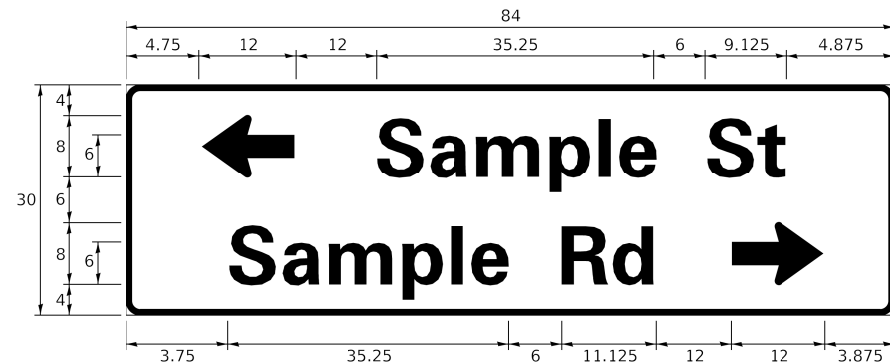
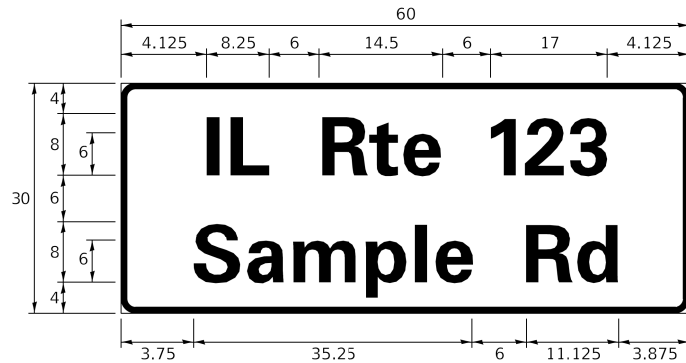
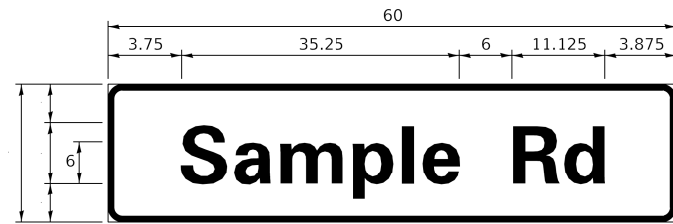




FILE NAME = N:\Skokie\180486\Civil\ADA03_CHURCH-NILES CTR.dgn	USER NAME = jhouseh	DESIGNED - BLL	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING CURB RAMP DETAILS (SHEET 2 OF 2) CHURCH STREET AT NILES CENTER ROAD</b>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 10'	CHECKED - JGS	REVISED -				1313	13-00295-00-BT	COOK	67	36
Default	PLOT DATE = 2/27/2025	DATE - \$SUBMIT\$	REVISED -	SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 61L34 ILLINOIS FED. AID PROJECT					



**SIGN PANEL – TYPE 1 OR TYPE 2**



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

**COMMON STREET NAME ABBREVIATIONS AND WIDTHS**

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

**GENERAL NOTES**

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

**LOCAL SUPPLIERS:**

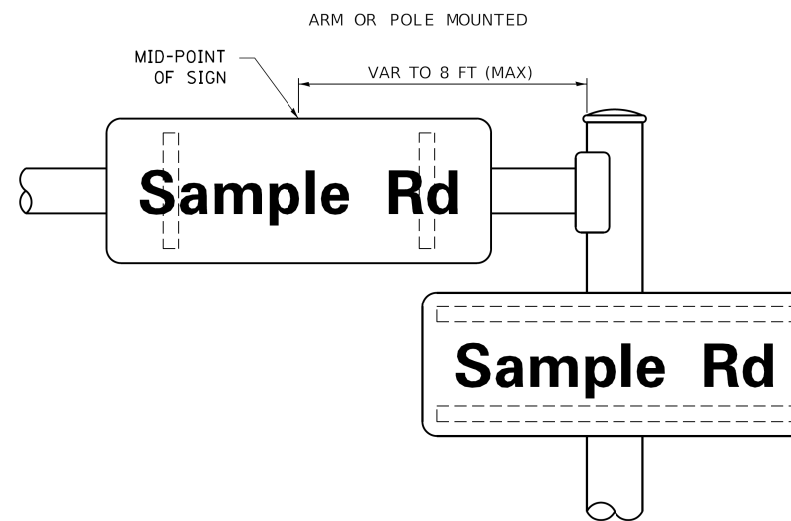
- J.O. HERBERT COMPANY, INC  
MIDLOTHIAN, VA
- WESTERN REMAC, INC.  
WOODRIDGE, IL

**PARTS LISTING:**

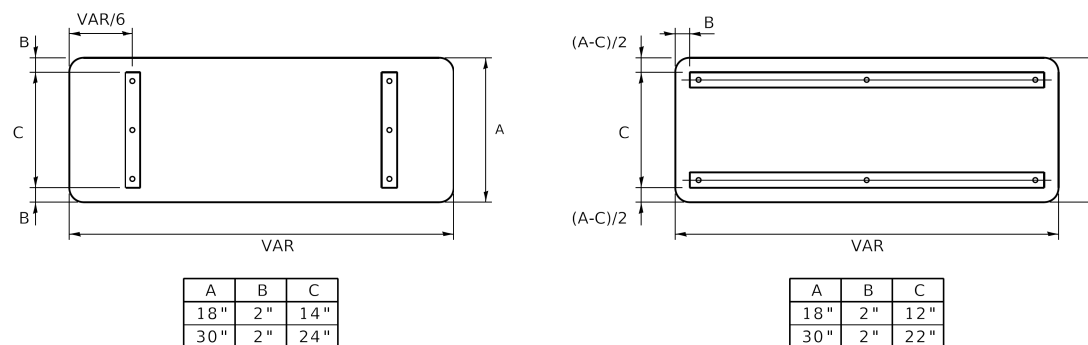
- SIGN CHANNEL PART #HPN053 (MED. CHANNEL)
- SIGN SCREWS 1/4" x 14 x 1" H.W.H. #3
- BRACKETS SELF TAPPING WITH NEOPRENE WASHER PART #HPN034 (UNIVERSAL)
- CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING

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

**MOUNTING LOCATION**



**SUPPORTING CHANNELS**



A	B	C
18"	2"	14"
30"	2"	24"

A	B	C
18"	2"	12"
30"	2"	22"

**STANDARD ALPHABETS SPACING CHART**

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

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

USER NAME = footemj	DESIGNED - LP/IP	REVISED - LP 07/01/2015
PLOT SCALE = 50.0000' / 1"	CHECKED - IP	REVISED -
PLOT DATE = 3/4/2019	DATE - 10/01/2014	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE  
MAST ARM MOUNTED STREET NAME SIGNS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 1313	SECTION 13-00295-00-BT	COUNTY COOK	TOTAL SHEETS 67	SHEET NO. 37
TS-02		CONTRACT NO. 61L34		
ILLINOIS FED. AID PROJECT				

# TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

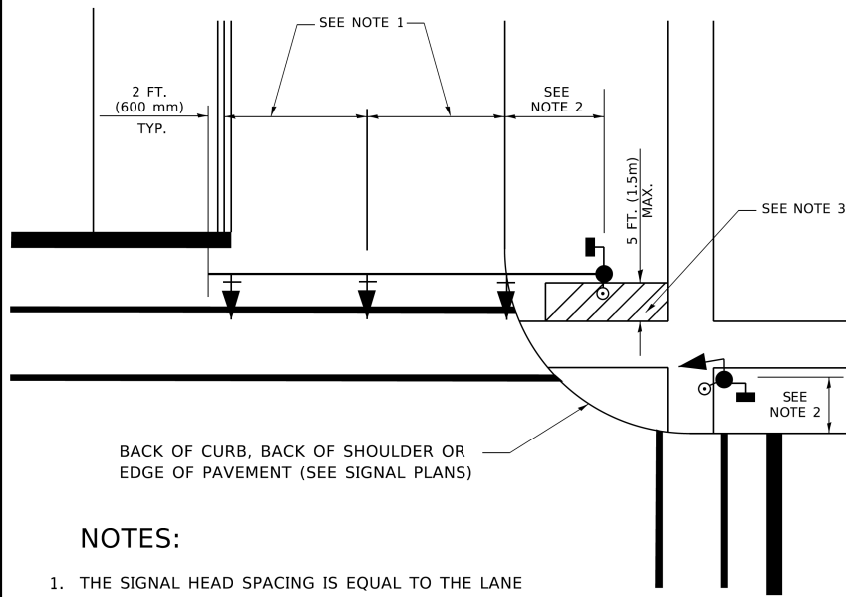
ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
CONTROLLER CABINET			HANDHOLE -SQUARE -ROUND	 	 	SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD		
COMMUNICATION CABINET			HEAVY DUTY HANDHOLE -SQUARE -ROUND	 	 	SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE		
MASTER CONTROLLER			DOUBLE HANDHOLE			PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
MASTER MASTER CONTROLLER			JUNCTION BOX			PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER		
UNINTERRUPTABLE POWER SUPPLY			RAILROAD CANTILEVER MAST ARM			ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
SERVICE INSTALLATION -(P) POLE MOUNTED			RAILROAD FLASHING SIGNAL			NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED		
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED			RAILROAD CROSSING GATE			GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)		
TELEPHONE CONNECTION			RAILROAD CROSSBUCK			ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C		
STEEL MAST ARM ASSEMBLY AND POLE			RAILROAD CONTROLLER CABINET			COAXIAL CABLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE			UNDERGROUND CONDUIT (UC), GALVANIZED STEEL			VENDOR CABLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY			SYSTEM ITEM			FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F		
WOOD POLE			INTERSECTION ITEM			GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE		
GUY WIRE			REMOVE ITEM					
SIGNAL HEAD			RELOCATE ITEM					
SIGNAL HEAD WITH BACKPLATE			ABANDON ITEM					
SIGNAL HEAD OPTICALLY PROGRAMMED			CONTROLLER CABINET AND FOUNDATION TO BE REMOVED					
FLASHER INSTALLATION -(FS) SOLAR POWERED			MAST ARM POLE AND FOUNDATION TO BE REMOVED					
PEDESTRIAN SIGNAL HEAD			SIGNAL POST AND FOUNDATION TO BE REMOVED					
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON			DETECTOR LOOP, TYPE I					
RADAR DETECTION SENSOR			PREFORMED DETECTOR LOOP					
VIDEO DETECTION CAMERA			SAMPLING (SYSTEM) DETECTOR					
RADAR/VIDEO DETECTION ZONE			INTERSECTION AND SAMPLING (SYSTEM) DETECTOR					
PAN, TILT, ZOOM (PTZ) CAMERA			QUEUE AND SAMPLING (SYSTEM) DETECTOR					
EMERGENCY VEHICLE LIGHT DETECTOR			WIRELESS DETECTOR SENSOR					
CONFIRMATION BEACON			WIRELESS ACCESS POINT					
WIRELESS INTERCONNECT								
WIRELESS INTERCONNECT RADIO REPEATER								





**TRAFFIC SIGNAL MAST ARM AND SIGNAL POST**

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

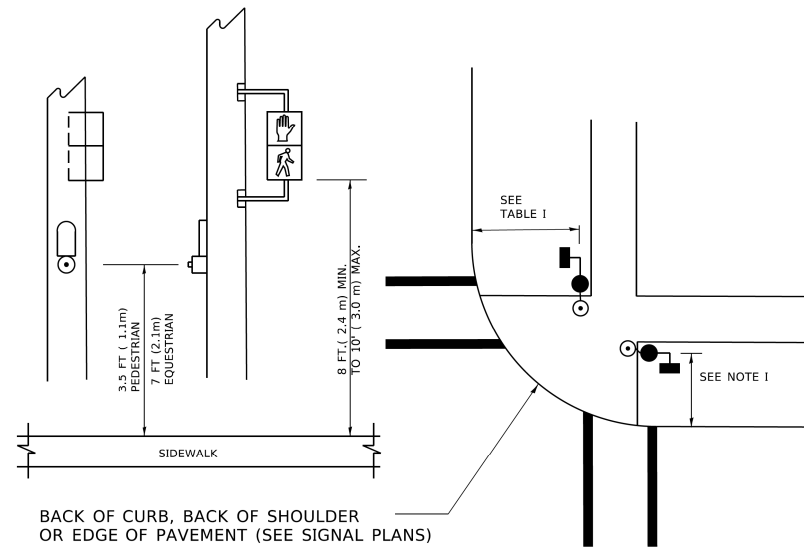


BACK OF CURB, BACK OF SHOULDER OR EDGE OF PAVEMENT (SEE SIGNAL PLANS)

**NOTES:**

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

**PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST**

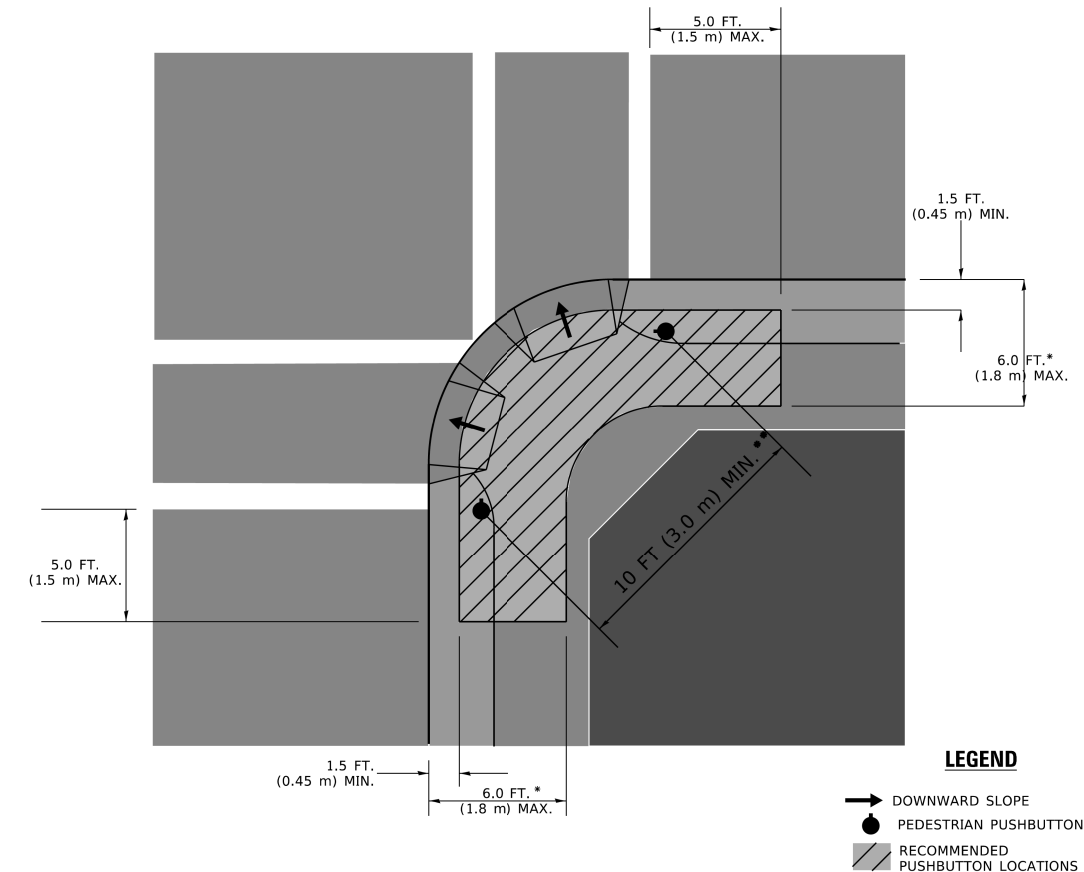


BACK OF CURB, BACK OF SHOULDER OR EDGE OF PAVEMENT (SEE SIGNAL PLANS)

**NOTES:**

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

**RECOMMENDED PUSHBUTTON LOCATIONS**



**LEGEND**

- DOWNWARD SLOPE
- PEDESTRIAN PUSHBUTTON
- ▨ RECOMMENDED PUSHBUTTON LOCATIONS

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

**NOTES:**

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

**TRAFFIC SIGNAL EQUIPMENT OFFSET**

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

**NOTES:**

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

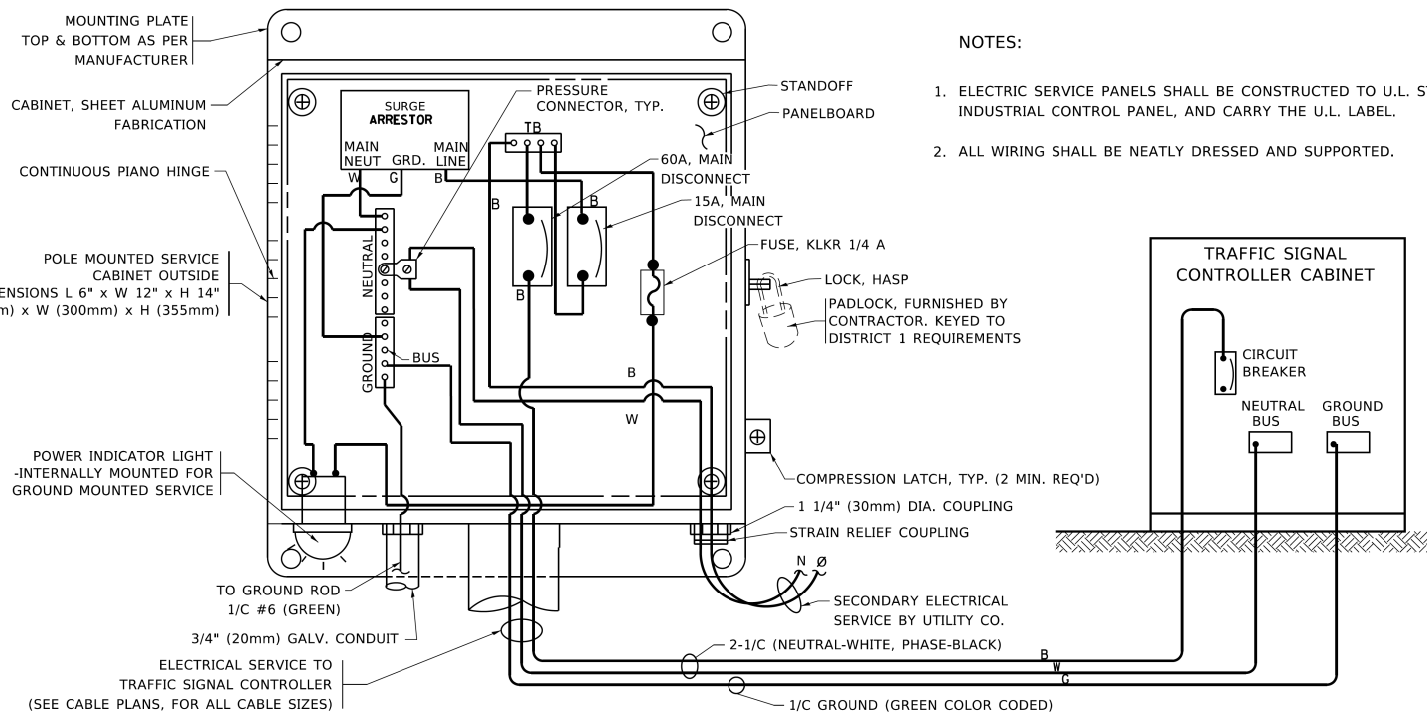
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	DRAWN -	REVISED -
PLOT SCALE = 50.0000 "/ft.	CHECKED -	REVISED -
PLOT DATE = 3/4/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

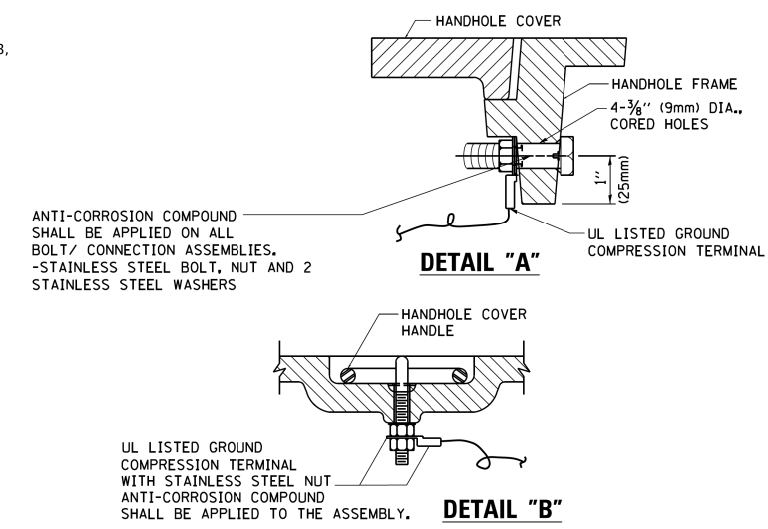
**DISTRICT ONE  
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 3 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1313	13-00295-00-BT	C00K	67	40
TS-05		CONTRACT NO.	61L34	
ILLINOIS FED. AID PROJECT				

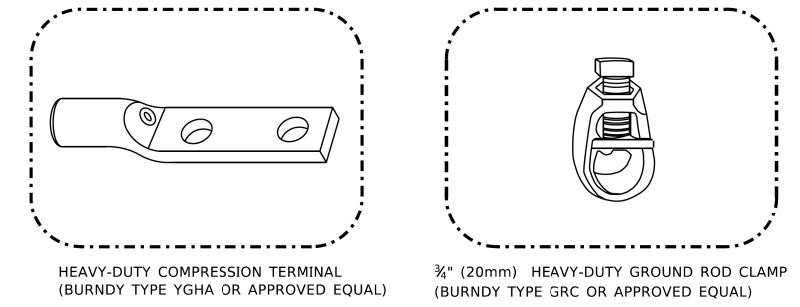
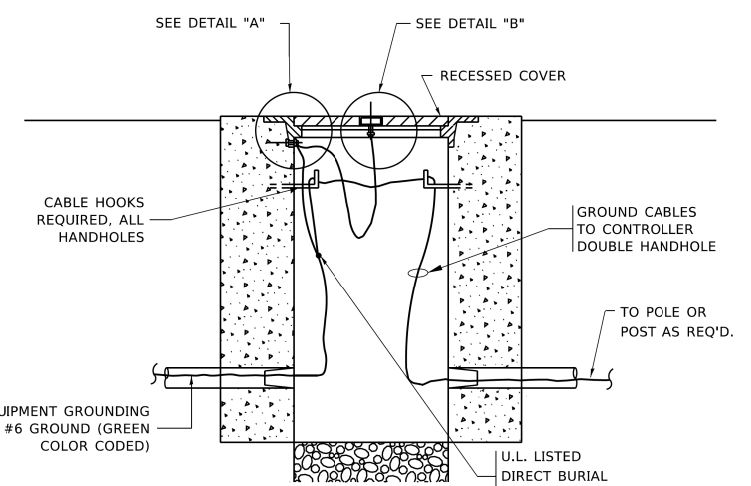


**ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)**  
**SERVICE INSTALLATION POLE MOUNT (SHOWN)**  
 (NOT TO SCALE)

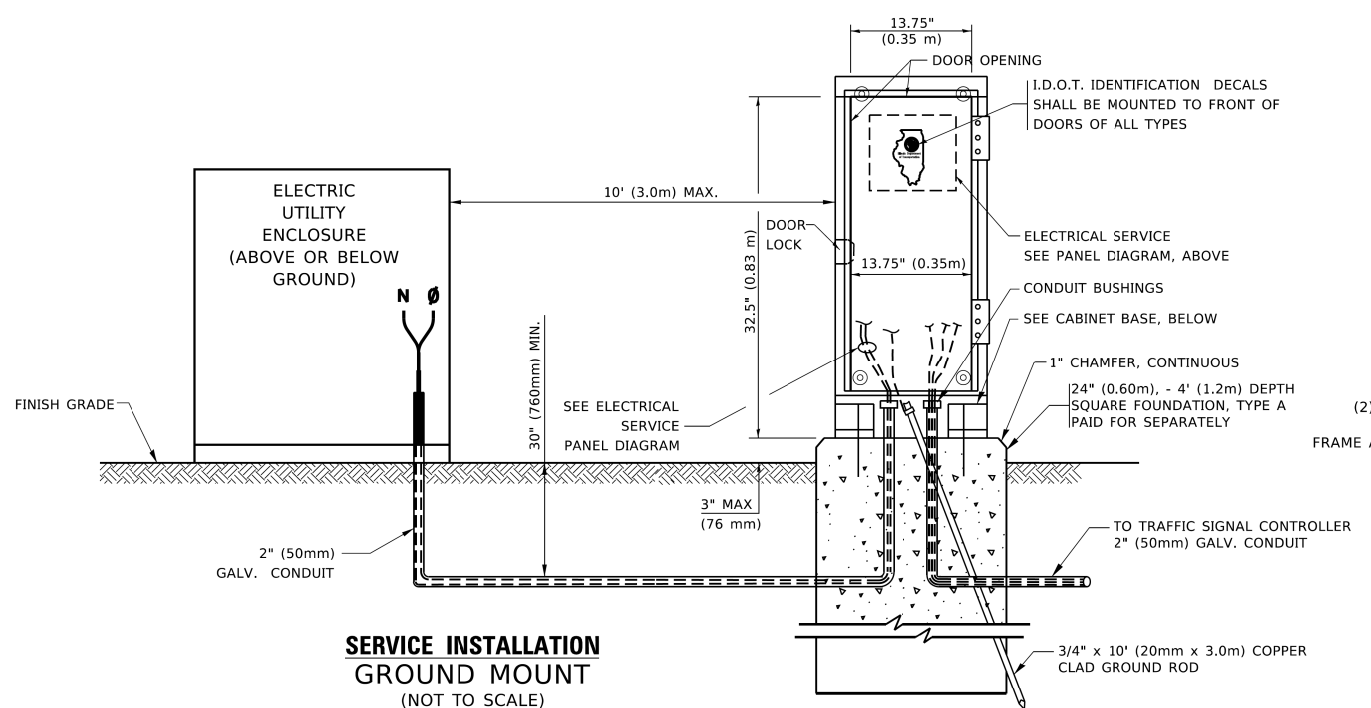


**NOTES:**  
**GROUNDING SYSTEM**

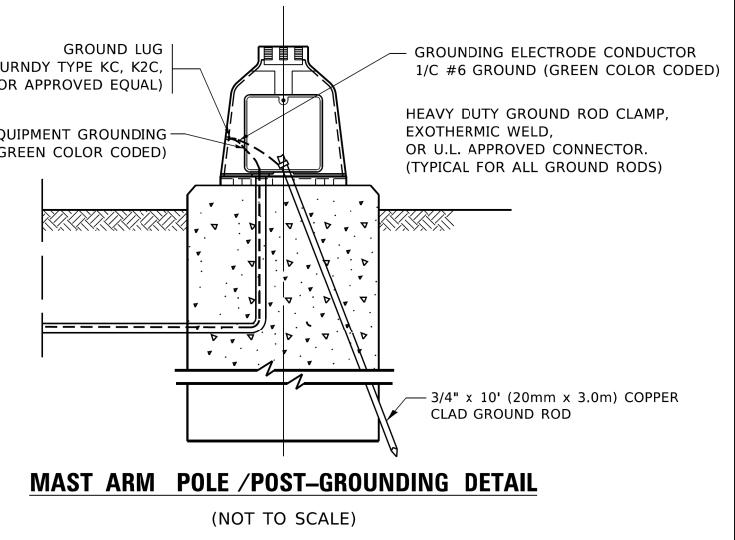
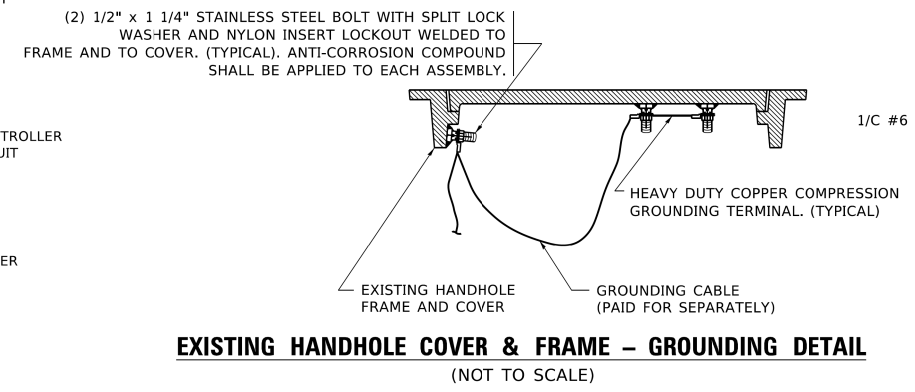
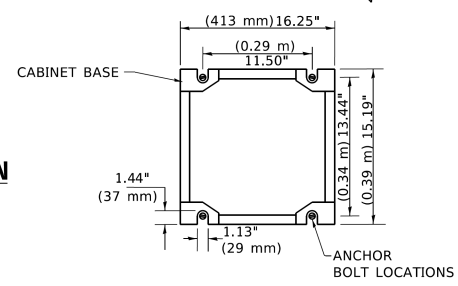
- THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE,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



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



**SERVICE INSTALLATION GROUND MOUNT**  
 (NOT TO SCALE)



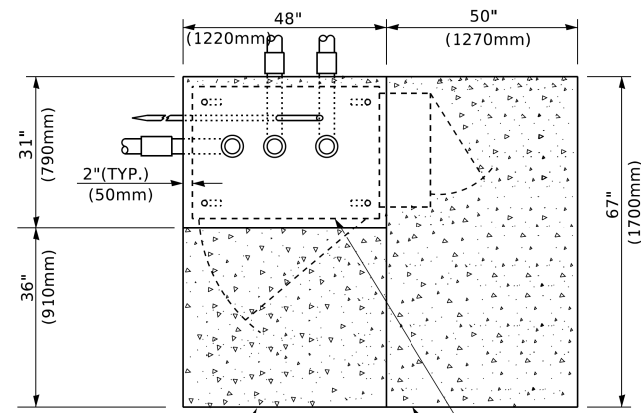
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	DRAWN -	REVISED -
PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 3/4/2019	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

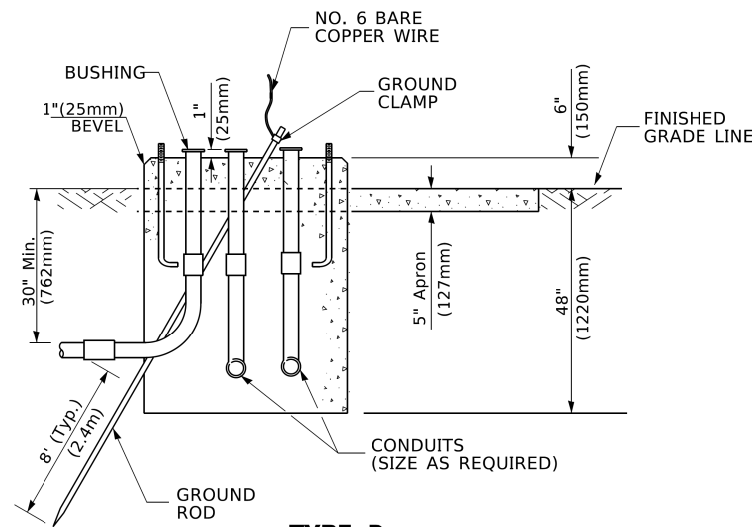
**DISTRICT ONE**  
**STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 4 OF 7 SHEETS STA. TO STA.

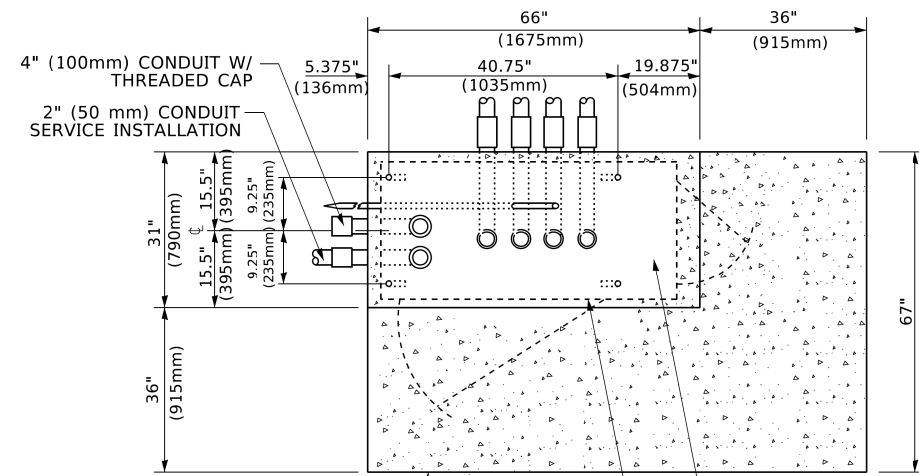
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1313	13-00295-00-BT	COOK	67	41
TS-05		CONTRACT NO.	61L34	
ILLINOIS   FED. AID PROJECT				



**TOP VIEW**

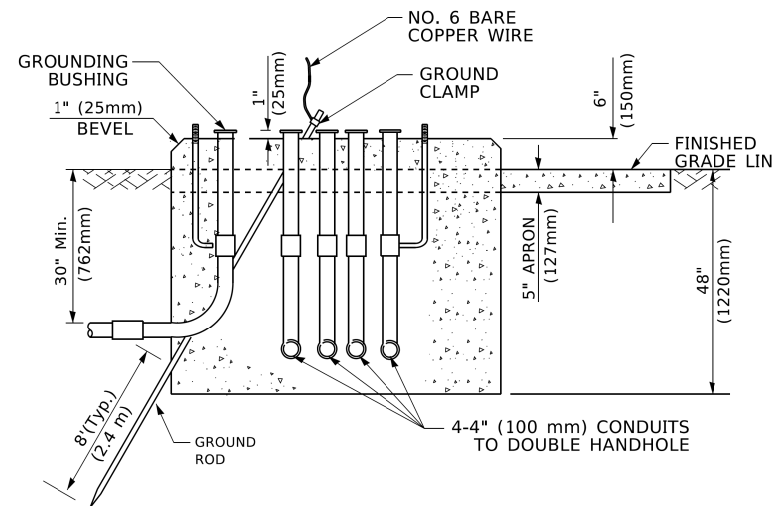


**TYPE D  
FOR GROUND MOUNTED  
CONTROLLER CABINET  
AND UPS BATTERY CABINET**

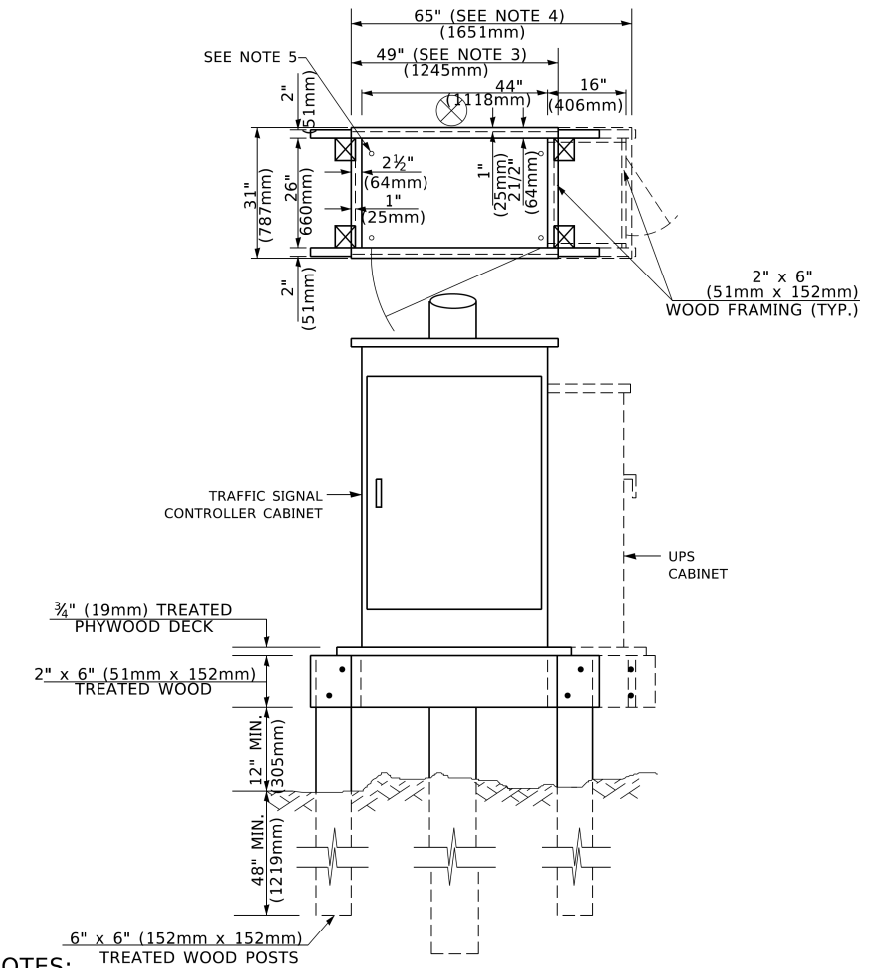


**TOP VIEW**

**NOTE:**  
TOP OF FOUNDATION SHALL  
BE HIGHER THAN TOP OF  
DOUBLE HANDHOLE



**TYPE C  
FOR GROUND MOUNTED  
SUPER P (TYPE IV) AND SUPER R (TYPE V)  
CONTROLLER CABINETS**



**NOTES:**

1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

**TEMPORARY SIGNAL CONTROLLER  
WOOD SUPPORT PLATFORM**

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

**CABLE SLACK**

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

**VERTICAL CABLE LENGTH**

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

**DEPTH OF FOUNDATION**

Mast Arm Length	① Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	24" (600mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 55' (16.8 m) and up to 65' (19.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 65' (19.8 m) and less than 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 75' (22.9 m) and up to 85' (25.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

**NOTES:**

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

**DEPTH OF MAST ARM FOUNDATIONS, TYPE E**

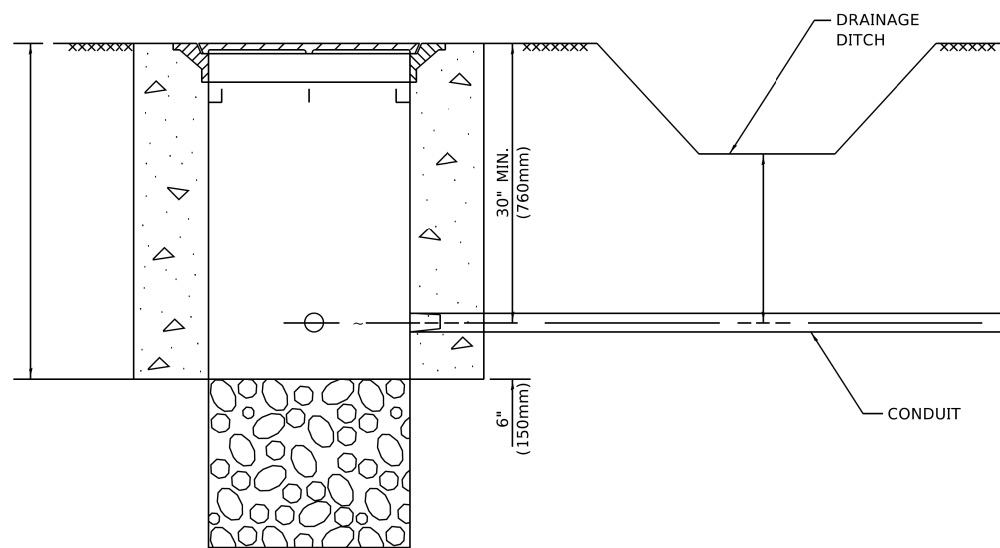
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PLOT DATE = 3/4/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE  
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 5 OF 7 SHEETS STA. TO STA.

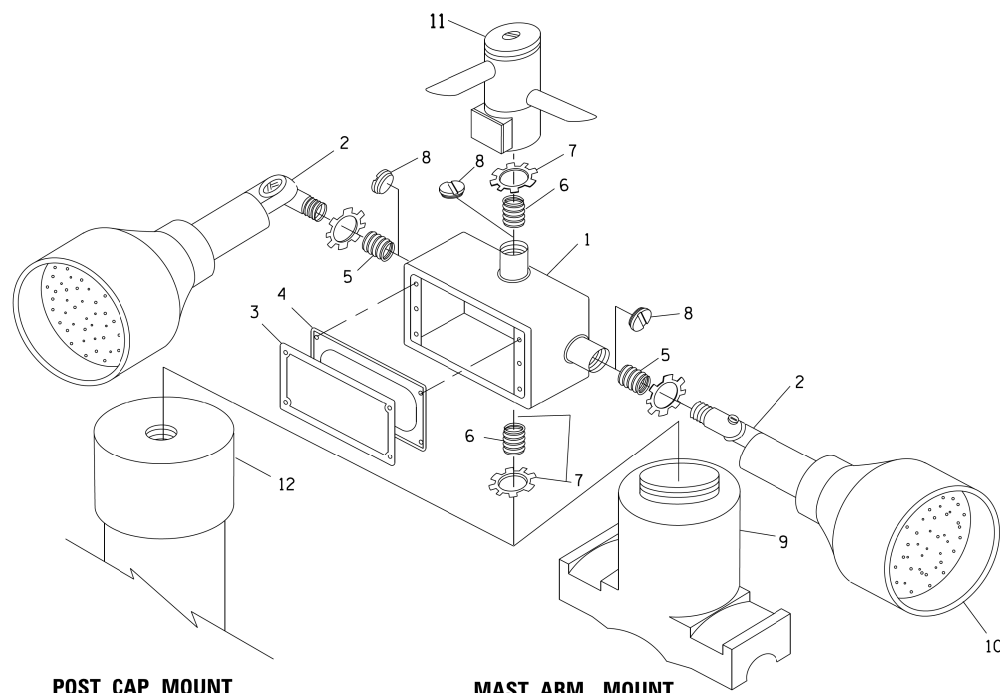
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1313	13-00295-00-BT	COOK	67	42
<b>TS-05</b>		CONTRACT NO.	61L34	
ILLINOIS FED. AID PROJECT				



**NOTES:**

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

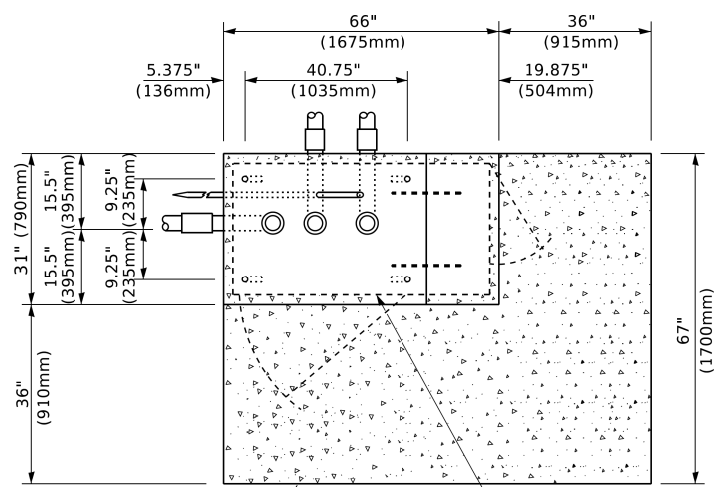
**HANDHOLE WITH MINIMUM CONDUIT DEPTH**  
(NOT TO SCALE)



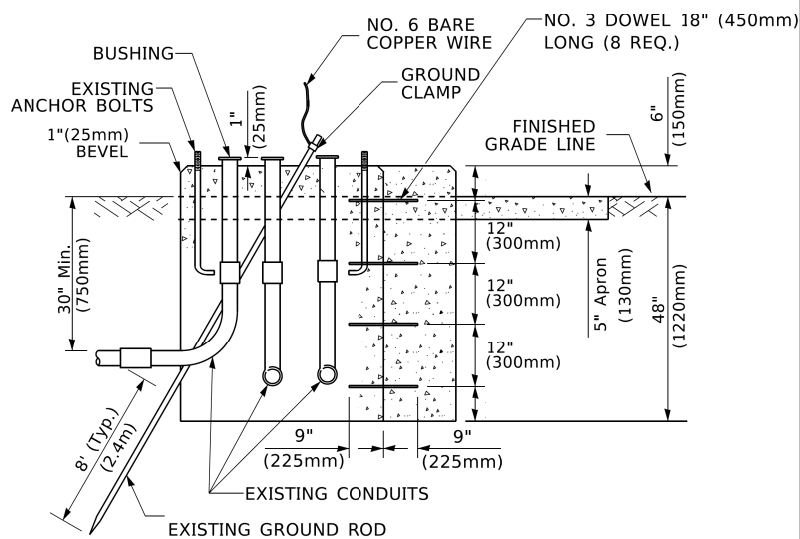
**POST CAP MOUNT**

**MAST ARM MOUNT**

**EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL**



**TOP VIEW**  
(NOT TO SCALE)

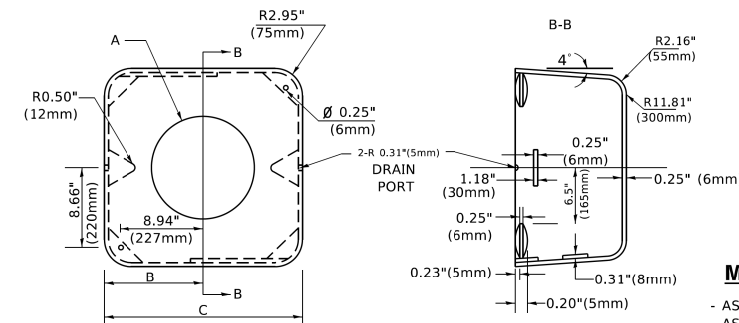


**MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION**  
(NOT TO SCALE)

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

**NOTES:**

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



**MATERIAL**

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

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

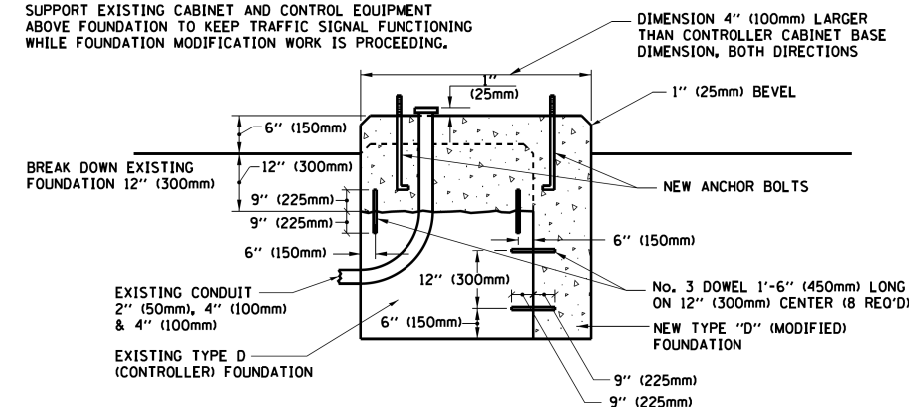
**SHROUD**

**NOTES:**

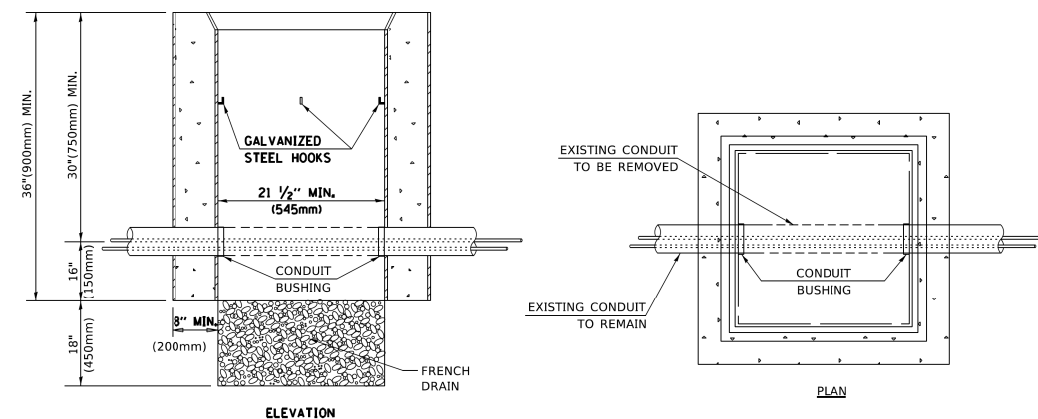
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

**NOTE:**

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



**MODIFY EXISTING TYPE "D" FOUNDATION**



**NOTES:**

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

**HANDHOLE TO INTERCEPT EXISTING CONDUIT**

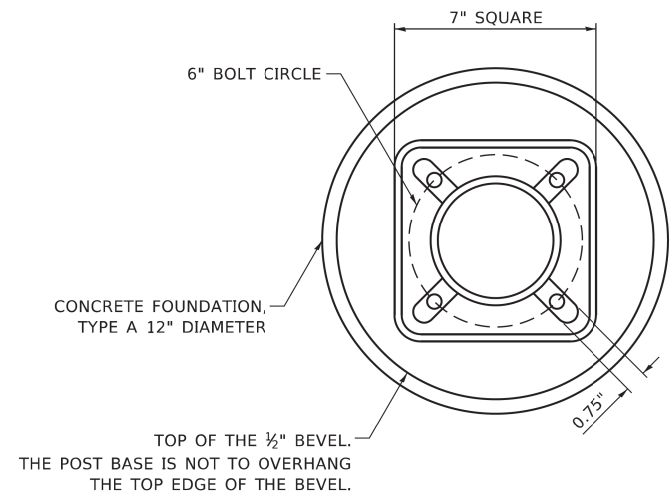
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE  
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

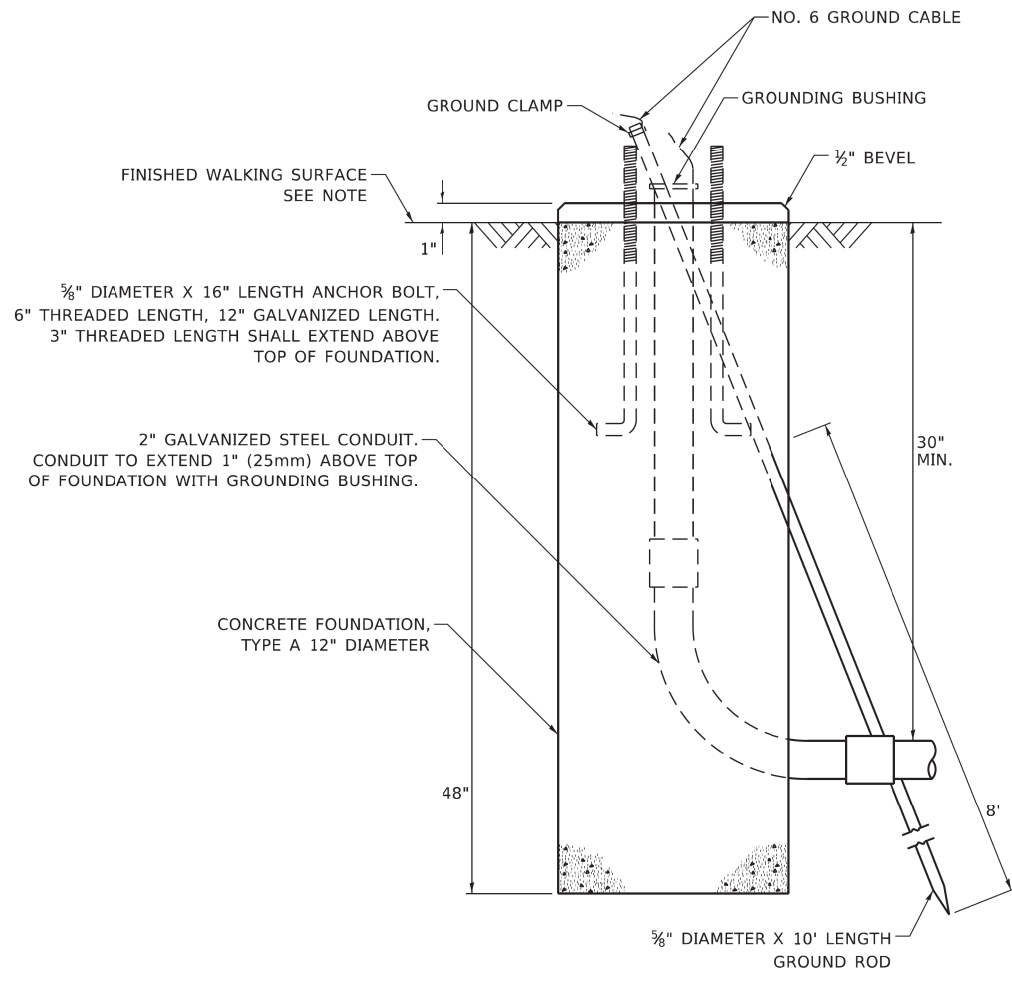
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	TS-05			
			CONTRACT NO.	61L34
			ILLINOIS	FED. AID PROJECT

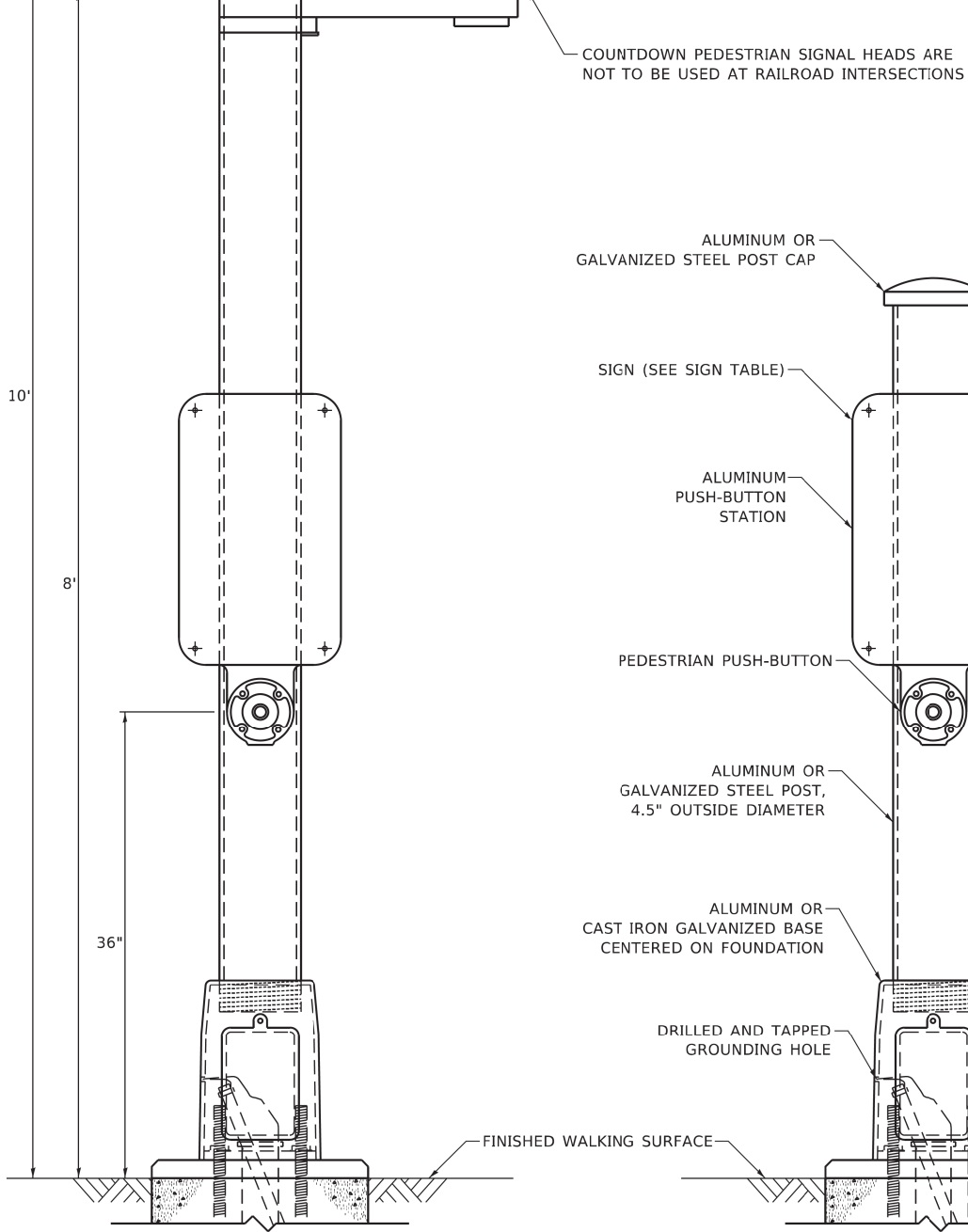
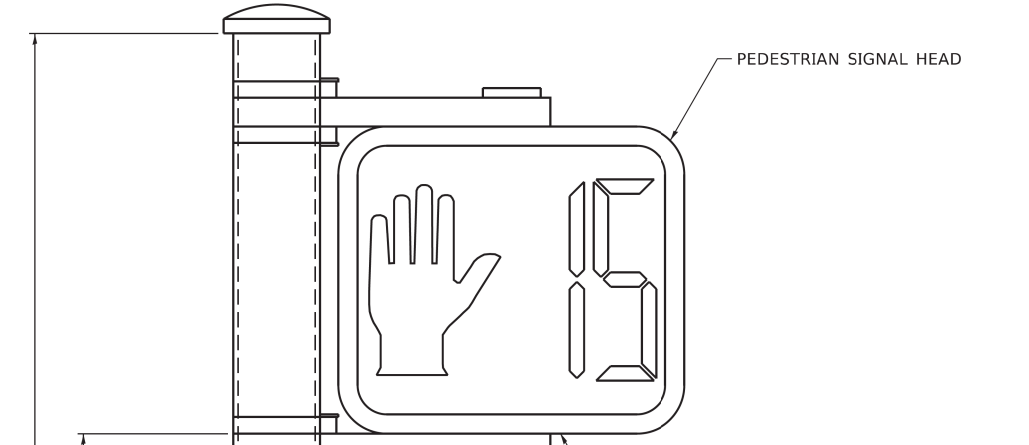


**BOLT PATTERN**

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

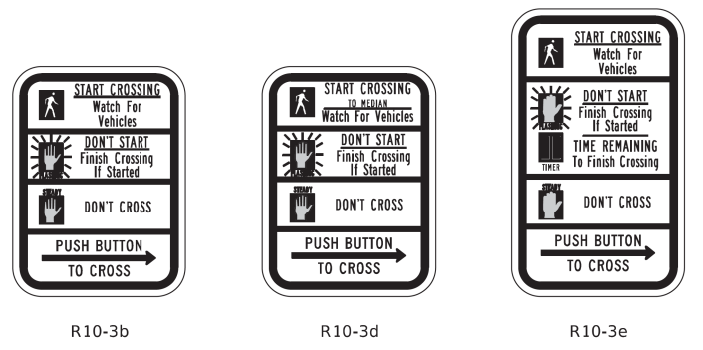


**CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER**



**PEDESTRIAN SIGNAL POST, 10 FT.**

**PEDESTRIAN SIGNAL POST, 5 FT.**

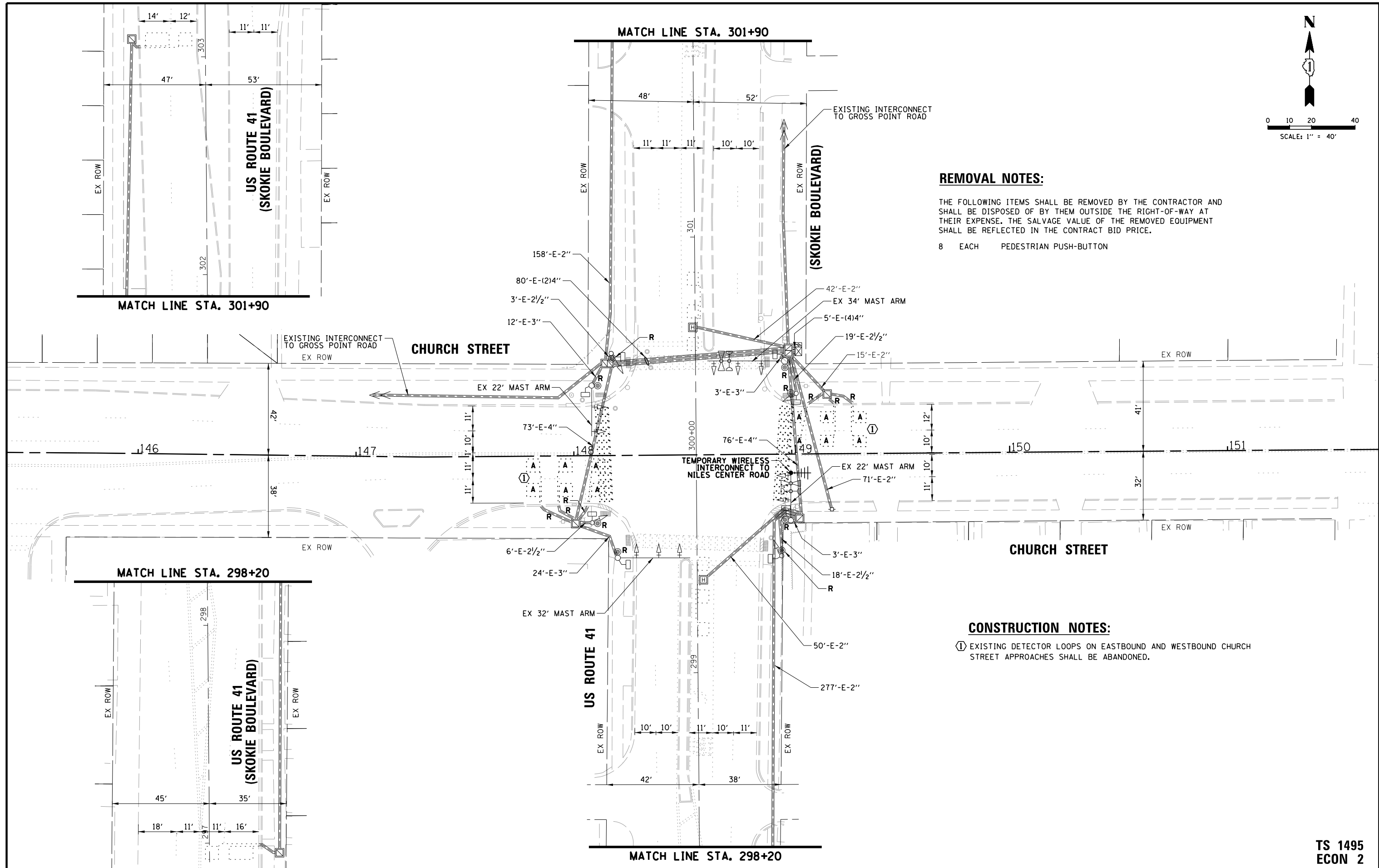
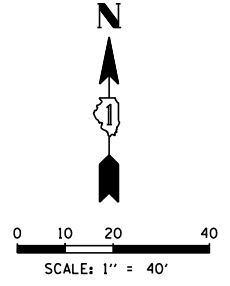


**SIGN TABLE**

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

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

PROFILE SURVEYED \_\_\_\_\_ DATE \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 NO. \_\_\_\_\_  
 STRUCTURE NOTATIONS OKWD  
 PLAN SURVEYED \_\_\_\_\_ DATE \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 NO. \_\_\_\_\_  
 ENGINEERING LTD.  
**CHRISTOPHER B. BURKE**  
 3575 West Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (647) 923-5500



**REMOVAL 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

**CONSTRUCTION NOTES:**

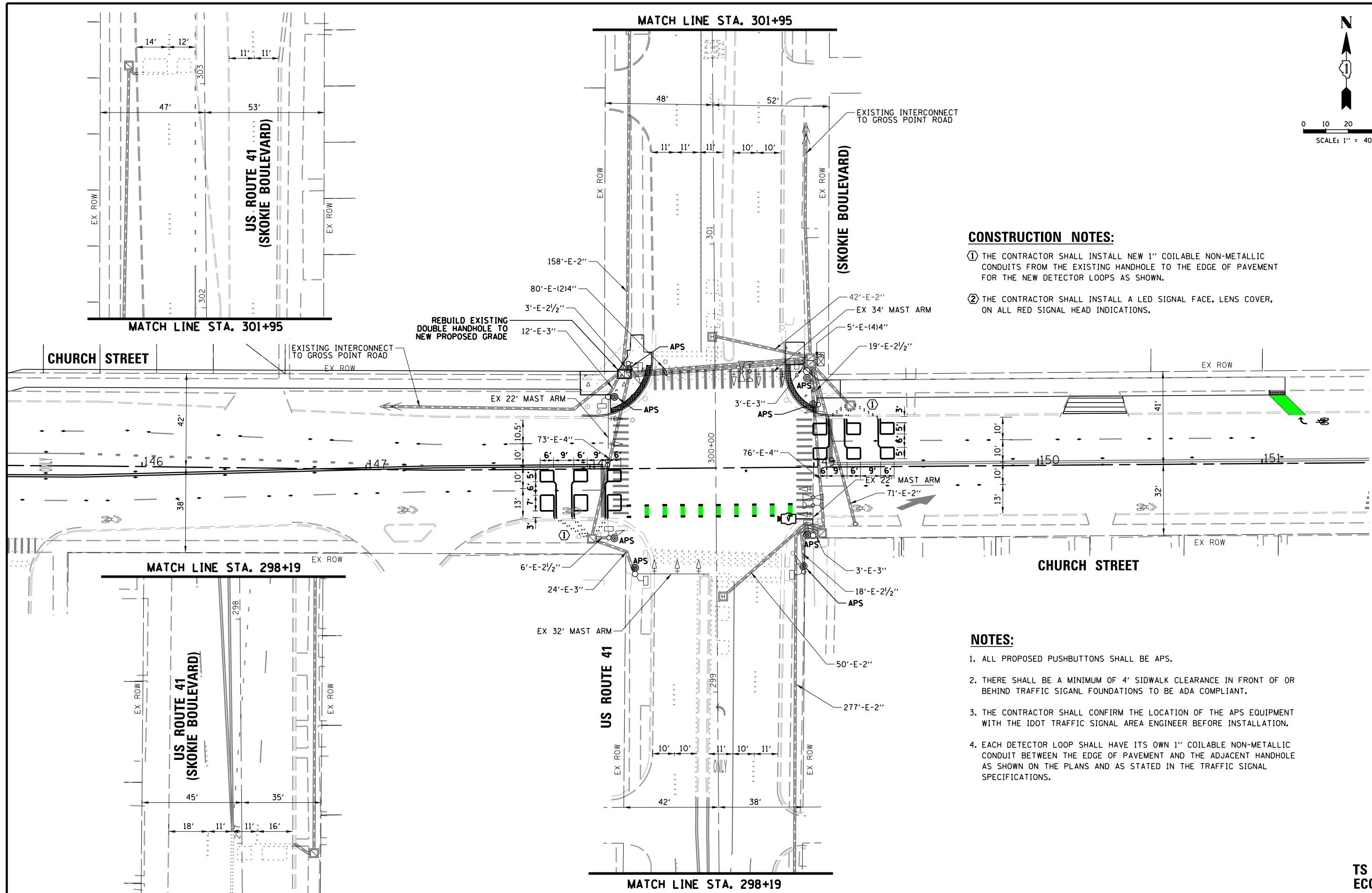
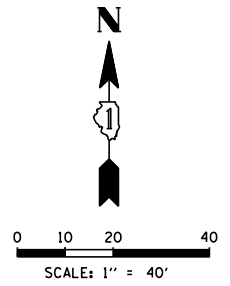
① EXISTING DETECTOR LOOPS ON EASTBOUND AND WESTBOUND CHURCH STREET APPROACHES SHALL BE ABANDONED.

**TS 1495  
ECON 2**

FILE NAME = N:\Skokie\180486\Traffic\Skokie Blvd.TS	USER NAME = jhouseh	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN CHURCH STREET AND US ROUTE 41 (SKOKIE BOULEVARD)</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			1313	13-00295-00-BT	COOK	67	45	
		CHECKED -	REVISED -			<b>CONTRACT NO. 61L34</b>					
		DATE -	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT				
		PLOT SCALE = 48'			SCALE: 1" = 40'	SHEET NO.	OF SHEETS	STA.	TO STA.		
		PLOT DATE = 2/27/2025									

PROFILE	DATE	BY
SURVEYED		
GRADES CHECKED		
ELM. NOTED		
STRUCTURE NOTATIONS OK'D		
NOTE BOOK NO.		
PLAN	DATE	BY
NOTE BOOK NO.		
SURVEYED		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
ADD. FILE NAME		

**CHRISTOPHER B. BURKE**  
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9575 West Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(647) 823-5938



**CONSTRUCTION NOTES:**

- ① THE CONTRACTOR SHALL INSTALL NEW 1" COILABLE NON-METALLIC CONDUITS FROM THE EXISTING HANDHOLE TO THE EDGE OF PAVEMENT FOR THE NEW DETECTOR LOOPS AS SHOWN.
- ② THE CONTRACTOR SHALL INSTALL A LED SIGNAL FACE, LENS COVER, ON ALL RED SIGNAL HEAD INDICATIONS.

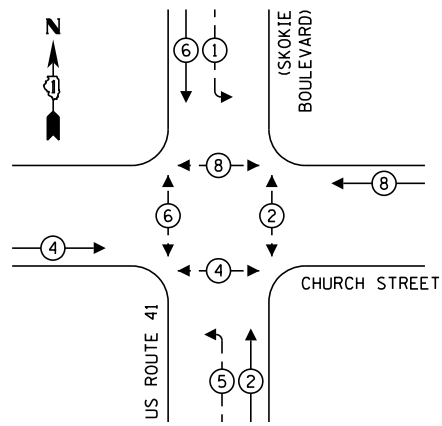
**NOTES:**

1. ALL PROPOSED PUSHBUTTONS SHALL BE APS.
2. THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE IN FRONT OF OR BEHIND TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.
3. THE CONTRACTOR SHALL CONFIRM THE LOCATION OF THE APS EQUIPMENT WITH THE IDOT TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.
4. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

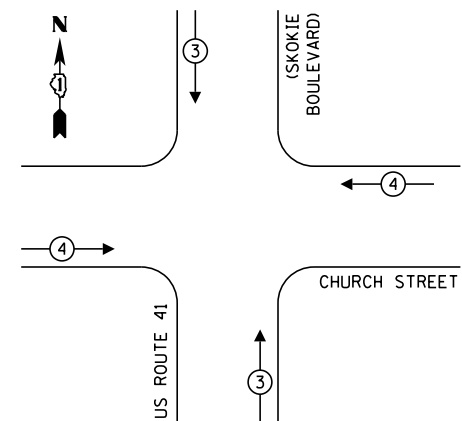
**TS 1495  
ECON 2**

FILE NAME =	USER NAME = jhouseh	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC SIGNAL MODIFICATION PLAN CHURCH STREET AND US ROUTE 41 (SKOKIE BOULEVARD)</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\Skokie\180486\Traffic\Skokie Blvd.M00.dgn		DRAWN -	REVISED -			1313	13-00295-00-BT	COOK	67	46
PLOT SCALE = 48'		CHECKED -	REVISED -			<b>CONTRACT NO. 61L34</b>				
PLOT DATE = 2/27/2025		DATE -	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

**EXISTING AND PROPOSED CONTROLLER SEQUENCE**



**EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE**



**SCHEDULE OF QUANTITIES**

ITEM	UNIT	QUANTITY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
DETECTOR LOOP, TYPE I	FOOT	382
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REBUILD EXISTING DOUBLE HANDHOLE	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
LED SIGNAL FACE, LENS COVER	EACH	14
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

**LEGEND:**

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

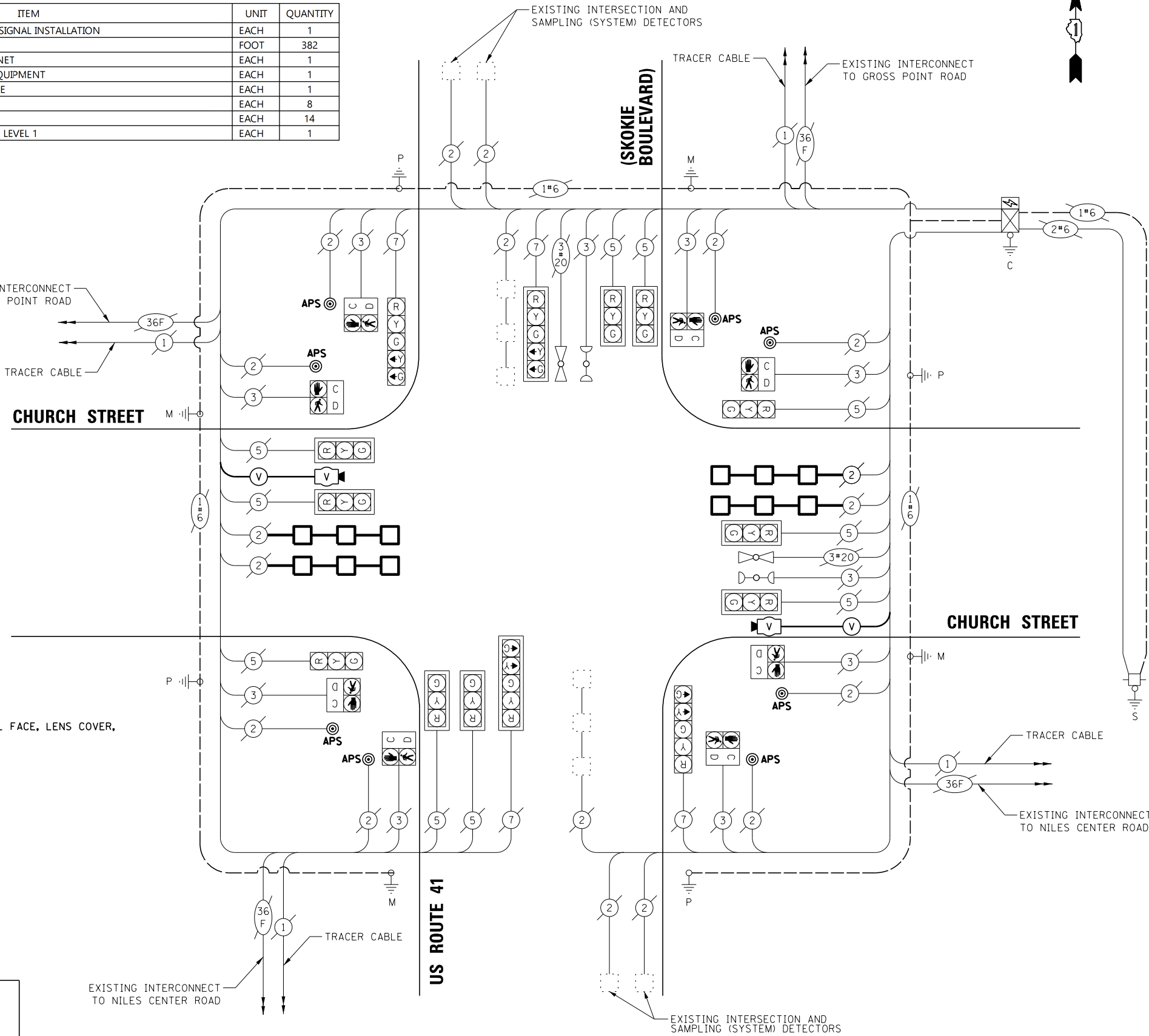
**CONSTRUCTION NOTES:**

- ① THE CONTRACTOR SHALL INSTALL A LED SIGNAL FACE, LENS COVER, ON ALL RED SIGNAL HEAD INDICATIONS.

ENERGY COSTS TO:  
 VILLAGE OF SKOKIE  
 5127 OAKTON STREET  
 SKOKIE, ILLINOIS 60077

ENERGY SUPPLY: CONTACT: LARRY SHANK  
 PHONE: (847) 816-5465  
 COMPANY: COMMONWEALTH EDISON  
 ACCOUNT NUMBER: 67666-56000

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS			
TYPE	QUANTITY	LED WATTAGE	TOTAL WATTAGE
<b>SIGNAL HEAD</b>			
3-SECTION	10	11	110
4-SECTION		14	0
5-SECTION	4	13	52
<b>PROGRAMMABLE SIGNALS</b>			
3-SECTION		22	0
4-SECTION		32	0
5-SECTION		28	0
PED. SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER		100	0
UPS	1	25	25
DETECTION RADAR		20	0
VIDEO	1	20	20
NETWORK SWITCH II OR III		25	0
BLANK-OUT SIGN		35	0
CELLULAR MODEM		15	0
<b>TOTAL UPS SIZING</b>			<b>477</b>
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER		15	0
LED STREET NAME SIGN		120	0
LUMINAIRE		240	0
PTZ CAMERA		75	0
<b>TOTAL SERVICE WIRE SIZING</b>			<b>1082</b>



**CABLE PLAN**  
(NOT TO SCALE)

BY: CHRISTOPHER B. BURKE, ENGINEERING LTD.  
 9575 West Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 923-5930

FILE NAME =	USER NAME = jhouseh	DESIGNED -	REVISED -
N:\Skokie\180486\Traffic\Skokie Blvd.CAE.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE, AND SUMMARY OF QUANTITIES  
 CHURCH STREET AND US ROUTE 41 (SKOKIE BOULEVARD)

F.A.U. RT.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1313	13-00295-00-BT	COOK	67	47
CONTRACT NO. 61L34				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

TS 1495  
 ECON 2



**REMOVAL AND RELOCATION 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.

- 1 EACH STEEL MAST ARM ASSEMBLY AND POLE
- 3 EACH ALUMINUM MAST ARM ASSEMBLY AND POLE
- 1 EACH TRAFFIC SIGNAL POST
- 3 EACH 3-SECTION SIGNAL HEAD
- 1 EACH 5-SECTION SIGNAL HEAD
- 8 EACH PEDESTRIAN PUSH-BUTTON
- 1 EACH SERVICE INSTALLATION
- 4 EACH STREET NAME SIGN PANEL

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED AND RELOCATED AS SHOWN ON THE PLANS.

- 1 EACH 3-SECTION SIGNAL HEAD
- 6 EACH PEDESTRIAN SIGNAL HEAD

**CONSTRUCTION NOTES:**

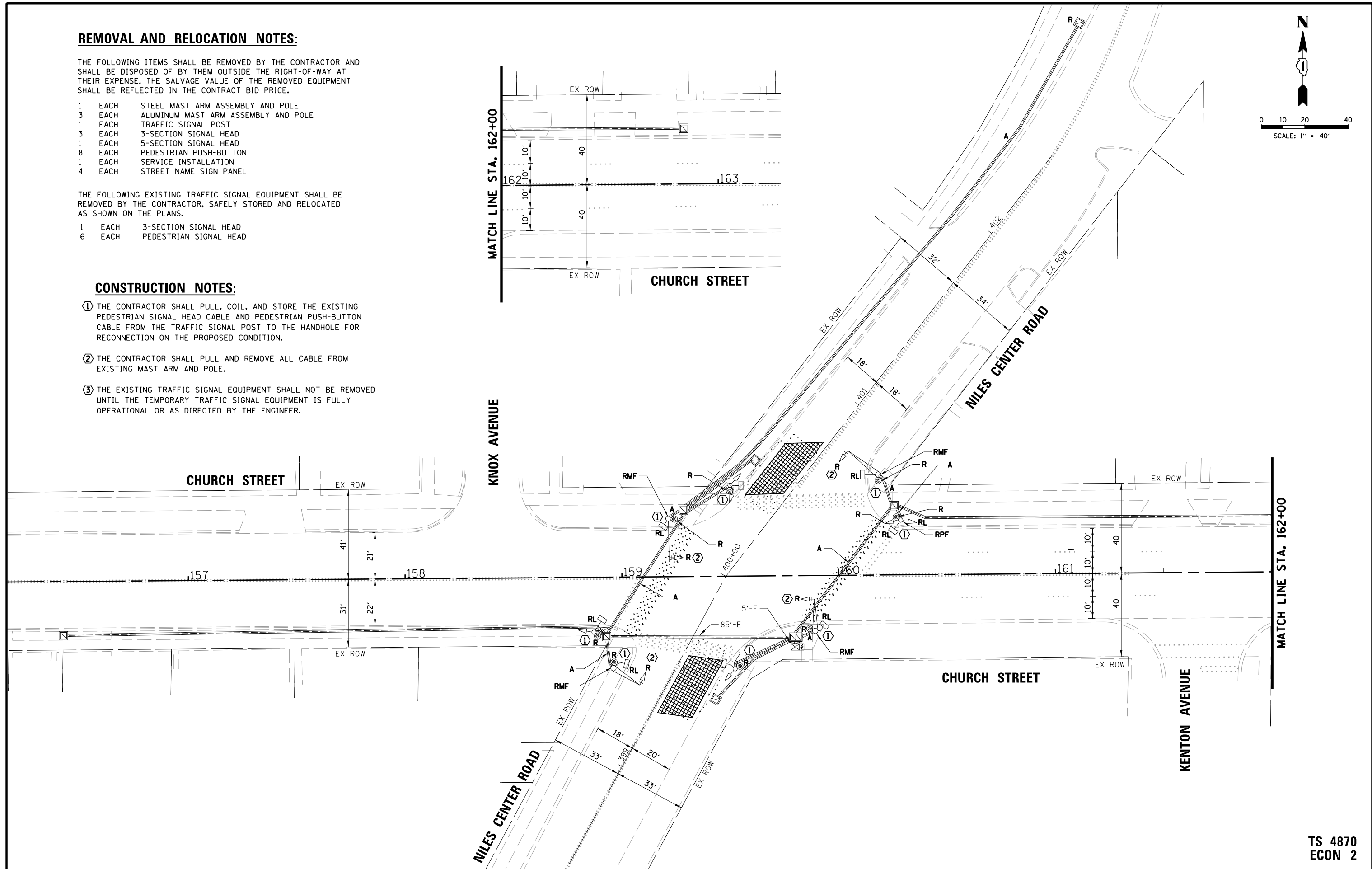
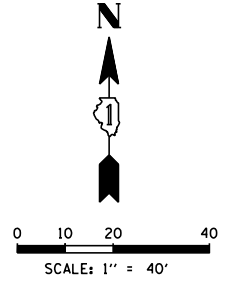
- ① THE CONTRACTOR SHALL PULL, COIL, AND STORE THE EXISTING PEDESTRIAN SIGNAL HEAD CABLE AND PEDESTRIAN PUSH-BUTTON CABLE FROM THE TRAFFIC SIGNAL POST TO THE HANDHOLE FOR RECONNECTION ON THE PROPOSED CONDITION.
- ② THE CONTRACTOR SHALL PULL AND REMOVE ALL CABLE FROM EXISTING MAST ARM AND POLE.
- ③ THE EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL NOT BE REMOVED UNTIL THE TEMPORARY TRAFFIC SIGNAL EQUIPMENT IS FULLY OPERATIONAL OR AS DIRECTED BY THE ENGINEER.

DATE	BY	DATE	BY
DATE	BY	DATE	BY

ENGINEERING LTD.  
 3575 West Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (630) 922-5500



STRUCTURE NOTATIONS OKWD



FILE NAME = N:\Skokie\180486\Traffic\Niles Center_RE	USER NAME = bchavez	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN CHURCH STREET AND NILES CENTER ROAD</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			1313	13-00295-00-BT	COOK	67	48	
		CHECKED -	REVISED -			<b>CONTRACT NO. 61L34</b>					
		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

**TS 4870  
ECON 2**

DATE	BY	DATE	BY
DATE	BY	DATE	BY

DATE	BY

FILE NAME =

USER NAME = jhouseh

DESIGNED -

REVISED -

DRAWN -

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**CONSTRUCTION NOTES:**

- ① THE CONTRACTOR SHALL BAG AND DISABLE THE LEFT TURN YELLOW AND GREEN INDICATION FOR STAGE 1.
- ② THE MOUNTING LOCATION OF THE VIDEO DETECTORS SHALL BE DETERMINED PER THE MANUFACTURER'S RECOMMENDATIONS.
- ③ THE CONTRACTOR SHALL NOT OVERLAP THE TOP OF THE TEMPORARY WOOD POLE WITH THE ELECTRICAL POWER LINES AND SHALL MAINTAIN THE REQUIREMENT CLEARANCE FROM THE POWER LINES.
- ④ ALL REMAINING EXISTING SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS, SIGNS, AND PUSHBUTTONS SHALL BE BAGGED AND THE PERMANENT SIGNAL SYSTEM SHALL BE DISABLED AFTER THE TEMPORARY TRAFFIC SIGNAL IS TURNED ON.

**STAGE 1**

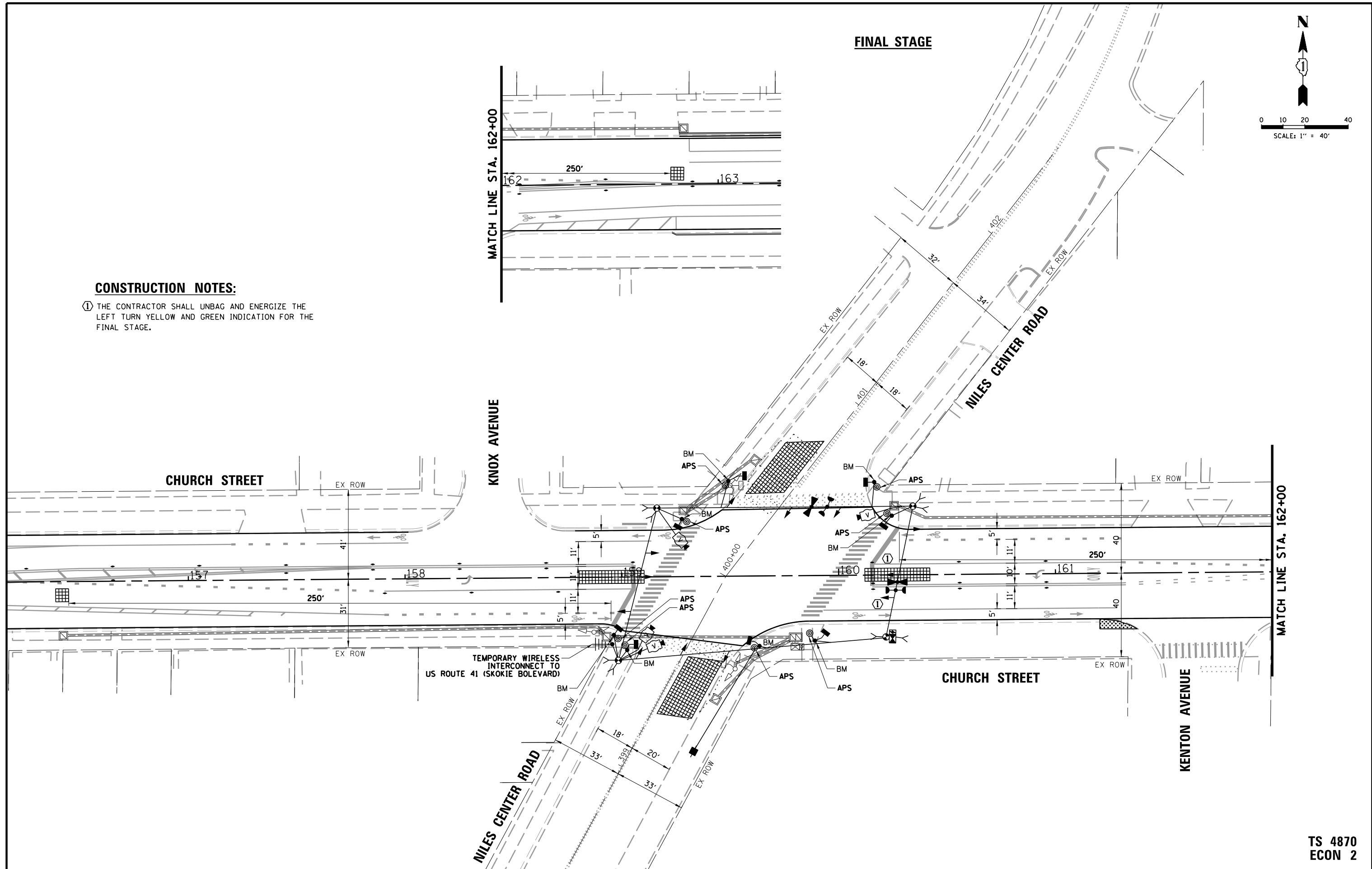
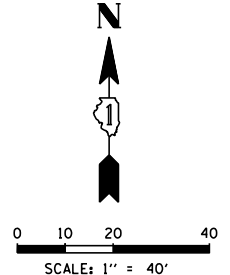
**TS 4870  
ECON 2**

FILE NAME =	USER NAME = jhouseh	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN STAGE 1 CHURCH STREET AND NILES CENTER ROAD</b>			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\Skokie\180486\Traffic\Niles Center.TMP.Stage 1.dgn		DRAWN -	REVISED -		1313	13-00295-00-BT	COOK	67	49			
PLOT SCALE = 48'		CHECKED -	REVISED -		CONTRACT NO. 61L34							
PLOT DATE = 2/27/2025		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	
NO.	BLM. NOTED	
	STRUCTURE NOTATIONS OK'D	
PLAN	SURVEYED	DATE
NOTE BOOK	ALIGNMENT CHECKED	
NO.	RT. OF WAY CHECKED	
	ADD. FILE NAME	
<b>CHRISTOPHER B. BURKE</b> ENGINEERING LTD. 3575 West Higgins Road, Suite 600 Rosemont, Illinois 60018 (647) 923-5930		

**CONSTRUCTION NOTES:**

- ① THE CONTRACTOR SHALL UNBAG AND ENERGIZE THE LEFT TURN YELLOW AND GREEN INDICATION FOR THE FINAL STAGE.

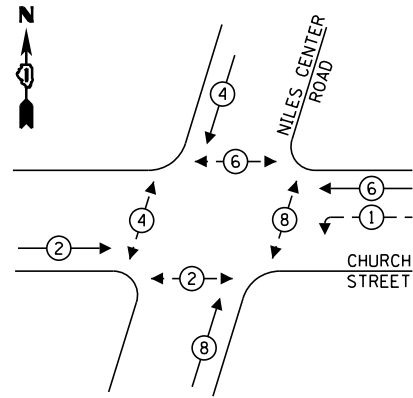


**TS 4870  
ECON 2**

FILE NAME =	USER NAME = jhouseh	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN FINAL STAGE CHURCH STREET AND NILES CENTER ROAD</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\Skokie\188486\Traffic\Niles Center.TMP.Stage 2.dgn		DRAWN -	REVISED -			1313	13-00295-00-BT	COOK	67	50	
PLOT SCALE = 48'		CHECKED -	REVISED -			CONTRACT NO. 61L34					
PLOT DATE = 2/27/2025		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_ ALIGNED: \_\_\_\_\_  
 RT. OF WAY CHECKED: \_\_\_\_\_  
 PLAN NO.: \_\_\_\_\_  
 ENGINEERING LTD.  
**CHRISTOPHER B. BURKE**  
 8575 West Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (647) 923-5500  
 DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_ GRADES CHECKED: \_\_\_\_\_  
 B.M. NOTED: \_\_\_\_\_ STRUCTURE NOTATIONS OK'D: \_\_\_\_\_  
 NOTE BOOK NO.: \_\_\_\_\_

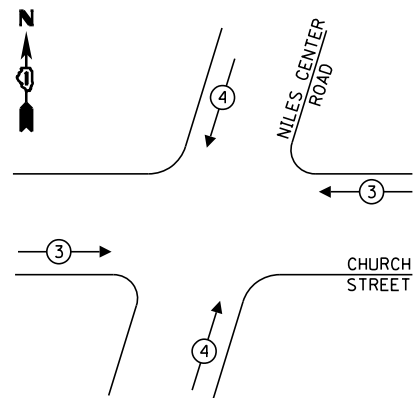
**TEMPORARY CONTROLLER SEQUENCE**



**LEGEND:**

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

**TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE**



**TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS**

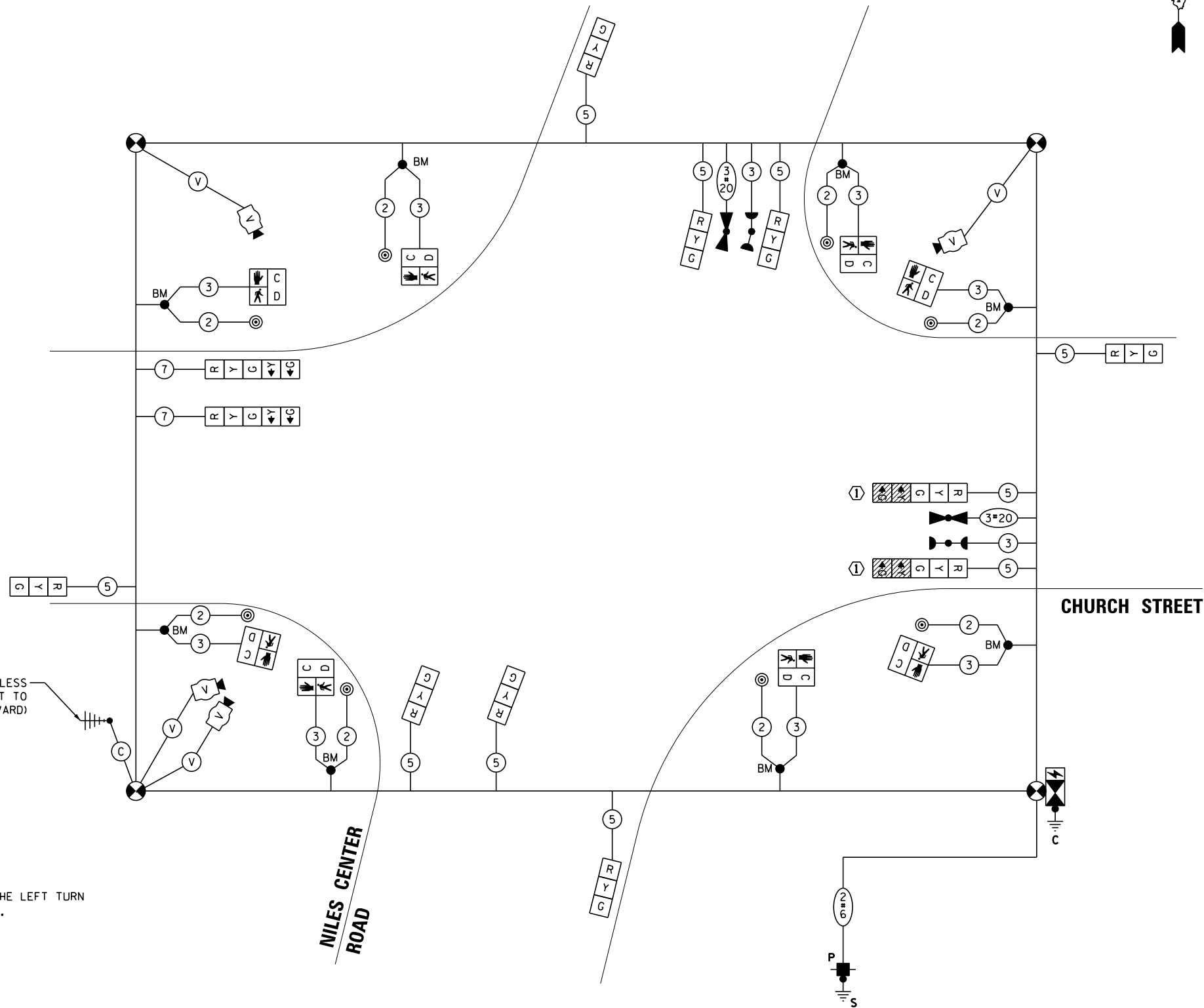
TYPE	QUANTITY	LED WATTAGE	TOTAL WATTAGE
<b>SIGNAL HEAD</b>			
3-SECTION	10	11	110
4-SECTION		14	0
5-SECTION	2	13	26
<b>PROGRAMMABLE SIGNALS</b>			
3-SECTION		22	0
4-SECTION		32	0
5-SECTION		28	0
PED. SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER		100	0
UPS	1	25	25
DETECTION RADAR		20	0
VIDEO	1	20	20
NETWORK SWITCH II OR III		25	0
BLANK-OUT SIGN		35	0
CELLULAR MODEM		15	0
<b>TOTAL UPS SIZING</b>			<b>451</b>
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER		15	0
LED STREET NAME SIGN		120	0
LUMINAIRE		240	0
PTZ CAMERA		75	0
<b>TOTAL SERVICE WIRE SIZING</b>			<b>1056</b>

ENERGY COSTS TO:  
 VILLAGE OF SKOKIE  
 5127 OAKTON STREET  
 SKOKIE, ILLINOIS 60077  
 ENERGY SUPPLY: CONTACT: LARRY SHANK  
 PHONE: (847) 816-5465  
 COMPANY: COMMONWEALTH EDISON  
 ACCOUNT NUMBER: 8332677000

TEMPORARY WIRELESS INTERCONNECT TO US ROUTE 41 (SKOKIE BOULEVARD)

**CONSTRUCTION NOTES:**

- ① THE CONTRACTOR SHALL BAG AND DISABLE THE LEFT TURN YELLOW AND GREEN INDICATION FOR STAGE 1.



**STAGE 1  
 TEMPORARY CABLE PLAN**  
 (NOT TO SCALE)

FILE NAME = N:\Skokie\180486\Traffic\Niles Center.TC	USER NAME = jhouseh	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE  
 CHURCH STREET AND NILES CENTER ROAD

SCALE: 1" = 40' SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1313	13-00295-00-BT	COOK	67	51
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61L34	

TS 4870  
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DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_ ALIGNED: \_\_\_\_\_  
 RT. OF WAY CHECKED: \_\_\_\_\_  
 PLANNING: \_\_\_\_\_  
 NO. \_\_\_\_\_

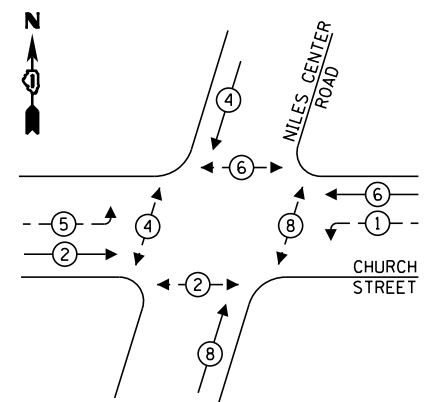
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 SURVEYED: \_\_\_\_\_ ALIGNED: \_\_\_\_\_  
 RT. OF WAY CHECKED: \_\_\_\_\_  
 PLANNING: \_\_\_\_\_  
 NO. \_\_\_\_\_

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_ ALIGNED: \_\_\_\_\_  
 RT. OF WAY CHECKED: \_\_\_\_\_  
 PLANNING: \_\_\_\_\_  
 NO. \_\_\_\_\_

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_ ALIGNED: \_\_\_\_\_  
 RT. OF WAY CHECKED: \_\_\_\_\_  
 PLANNING: \_\_\_\_\_  
 NO. \_\_\_\_\_

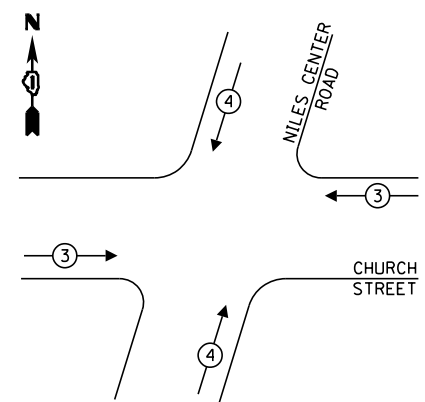
CHRISTOPHER B. BURKE ENGINEERING LTD.  
 8575 West Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 923-5500

**TEMPORARY CONTROLLER SEQUENCE**



- LEGEND:**
- ← ⊙ ← PROTECTED PHASE
  - ← ⊙ ← PROTECTED/PERMITTED PHASE
  - ← ⊙ → PEDESTRIAN PHASE
  - ← ⊙ OL OVERLAP

**TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE**



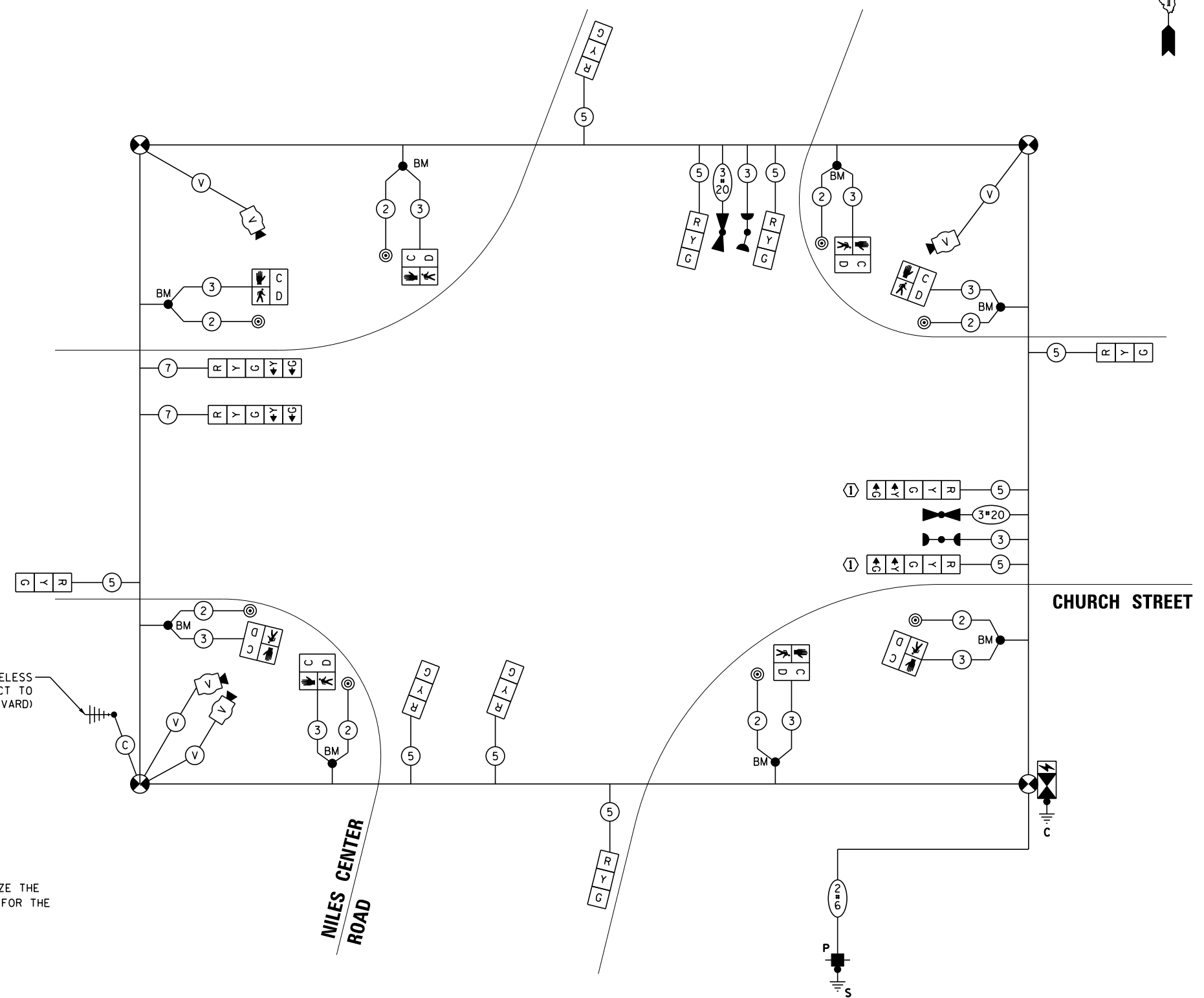
**TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS**

TYPE	QUANTITY	LED WATTAGE	TOTAL WATTAGE
<b>SIGNAL HEAD</b>			
3-SECTION	8	11	88
4-SECTION		14	0
5-SECTION	4	13	52
<b>PROGRAMMABLE SIGNALS</b>			
3-SECTION		22	0
4-SECTION		32	0
5-SECTION		28	0
PED. SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER		100	0
UPS	1	25	25
DETECTION RADAR		20	0
VIDEO	1	20	20
NETWORK SWITCH II OR III		25	0
BLANK-OUT SIGN		35	0
CELLULAR MODEM		15	0
<b>TOTAL UPS SIZING</b>			<b>455</b>
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER		15	0
LED STREET NAME SIGN		120	0
LUMINAIRE		240	0
PTZ CAMERA		75	0
<b>TOTAL SERVICE WIRE SIZING</b>			<b>1060</b>

**ENERGY COSTS TO:**  
 VILLAGE OF SKOKIE  
 5127 OAKTON STREET  
 SKOKIE, ILLINOIS 60077  
 ENERGY SUPPLY: CONTACT: LARRY SHANK  
 PHONE: (847) 816-5465  
 COMPANY: COMMONWEALTH EDISON  
 ACCOUNT NUMBER: 8332677000

- CONSTRUCTION NOTES:**
- ① THE CONTRACTOR SHALL UNBAG AND ENERGIZE THE LEFT TURN YELLOW AND GREEN INDICATION FOR THE FINAL STAGE.

TEMPORARY WIRELESS INTERCONNECT TO US ROUTE 41 (SKOKIE BOULEVARD)



**FINAL STAGE TEMPORARY CABLE PLAN**  
 (NOT TO SCALE)

FILE NAME = N:\Skokie\180486\Traffic\Niles Center.TC02.dgn	USER NAME = jhouseh	DESIGNED -	REVISED -
PLOT SCALE = 48"		DRAWN -	REVISED -
PLOT DATE = 2/27/2025		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

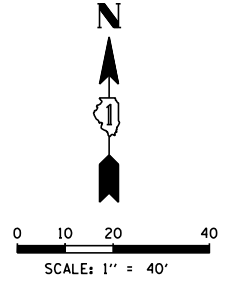
TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE  
 CHURCH STREET AND NILES CENTER ROAD  
 SCALE: 1" = 40' SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE. 1313	SECTION 13-00295-00-BT	COUNTY COOK	TOTAL SHEETS 67	SHEET NO. 52
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61L34	

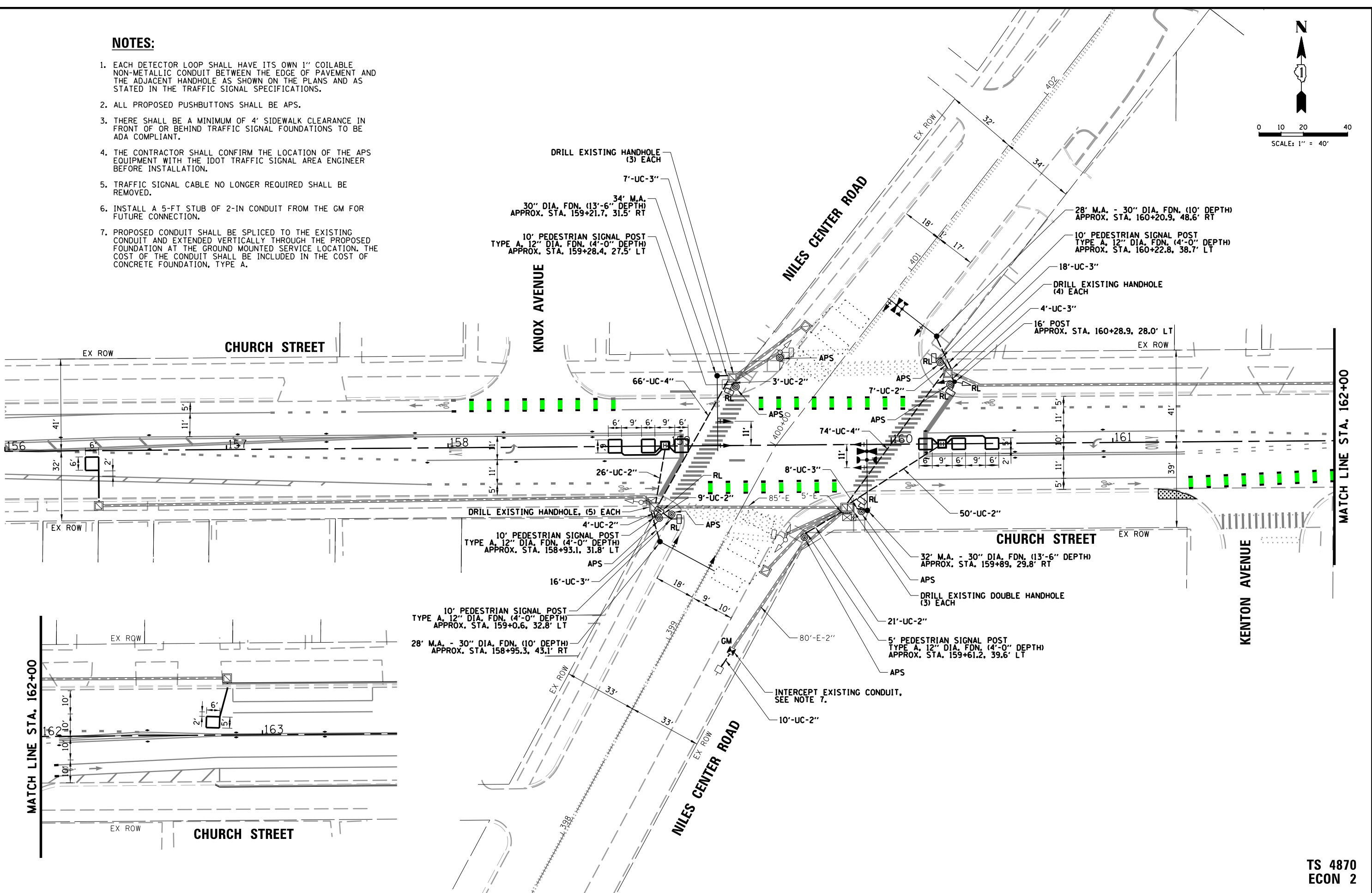
TS 4870  
 ECON 2

**NOTES:**

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
2. ALL PROPOSED PUSHBUTTONS SHALL BE APS.
3. THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE IN FRONT OF OR BEHIND TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.
4. THE CONTRACTOR SHALL CONFIRM THE LOCATION OF THE APS EQUIPMENT WITH THE IDOT TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.
5. TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
6. INSTALL A 5-FT STUB OF 2-IN CONDUIT FROM THE GM FOR FUTURE CONNECTION.
7. PROPOSED CONDUIT SHALL BE SPICED TO THE EXISTING CONDUIT AND EXTENDED VERTICALLY THROUGH THE PROPOSED FOUNDATION AT THE GROUND MOUNTED SERVICE LOCATION, THE COST OF THE CONDUIT SHALL BE INCLUDED IN THE COST OF CONCRETE FOUNDATION, TYPE A.



DATE	BY	SURVEYED	ALIGNED	CHECKED	RT. OF WAY CHECKED	CADD FILE NAME
ENGINEERING LTD. 9575 West Higgins Road, Suite 600 Rosemont, Illinois 60018 (630) 923-5500						
DATE	BY	SURVEYED	GRADES CHECKED	E.M. NOTED	STRUCTURE NOTATIONS	CHKD



**TS 4870  
ECON 2**

FILE NAME =	USER NAME = jhouseh	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODIFICATION PLAN CHURCH STREET AND NILES CENTER ROAD	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\Skokie\180486\Traffic\Niles Center.MOD.dgn		DRAWN -	REVISED -			1313	13-00295-00-BT	COOK	67	53
PLOT SCALE = 48'		CHECKED -	REVISED -			CONTRACT NO. 61L34				
PLOT DATE = 2/27/2025		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 ALIGNED \_\_\_\_\_  
 RT. OF WAY CHECKED \_\_\_\_\_  
 CADD FILE NAME \_\_\_\_\_

PLAN NO. \_\_\_\_\_  
 NOTE BOOK NO. \_\_\_\_\_

BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 GRADES CHECKED \_\_\_\_\_  
 ELM. NOTED \_\_\_\_\_  
 STRUCTURE NOTATIONS OKWD \_\_\_\_\_

PROFILE NO. \_\_\_\_\_  
 NOTE BOOK NO. \_\_\_\_\_

BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 ALIGNED \_\_\_\_\_  
 RT. OF WAY CHECKED \_\_\_\_\_  
 CADD FILE NAME \_\_\_\_\_

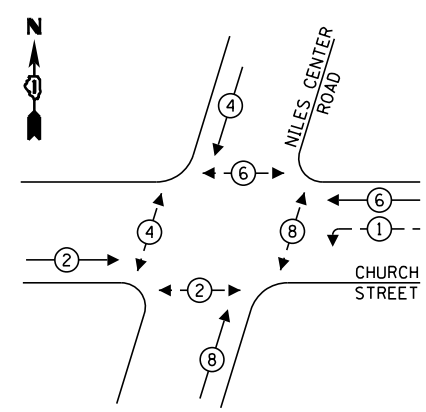
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 NOTE BOOK NO. \_\_\_\_\_

BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
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 GRADES CHECKED \_\_\_\_\_  
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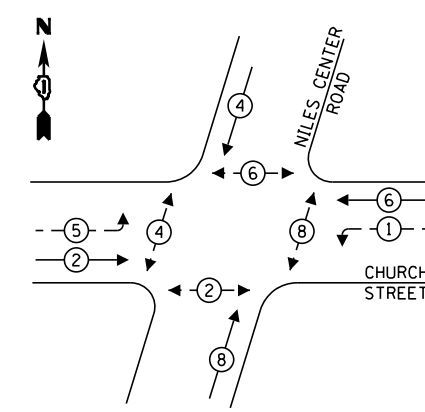
PROFILE NO. \_\_\_\_\_  
 NOTE BOOK NO. \_\_\_\_\_

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 8575 West Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 923-5930

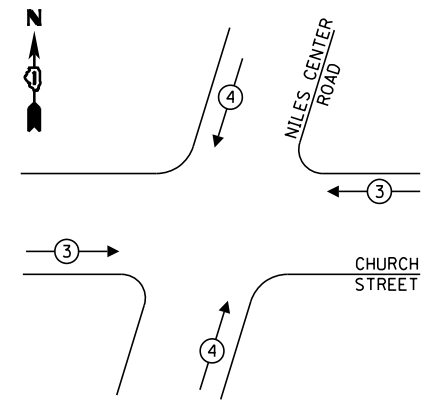
**EXISTING CONTROLLER SEQUENCE**



**PROPOSED CONTROLLER SEQUENCE**



**EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE**

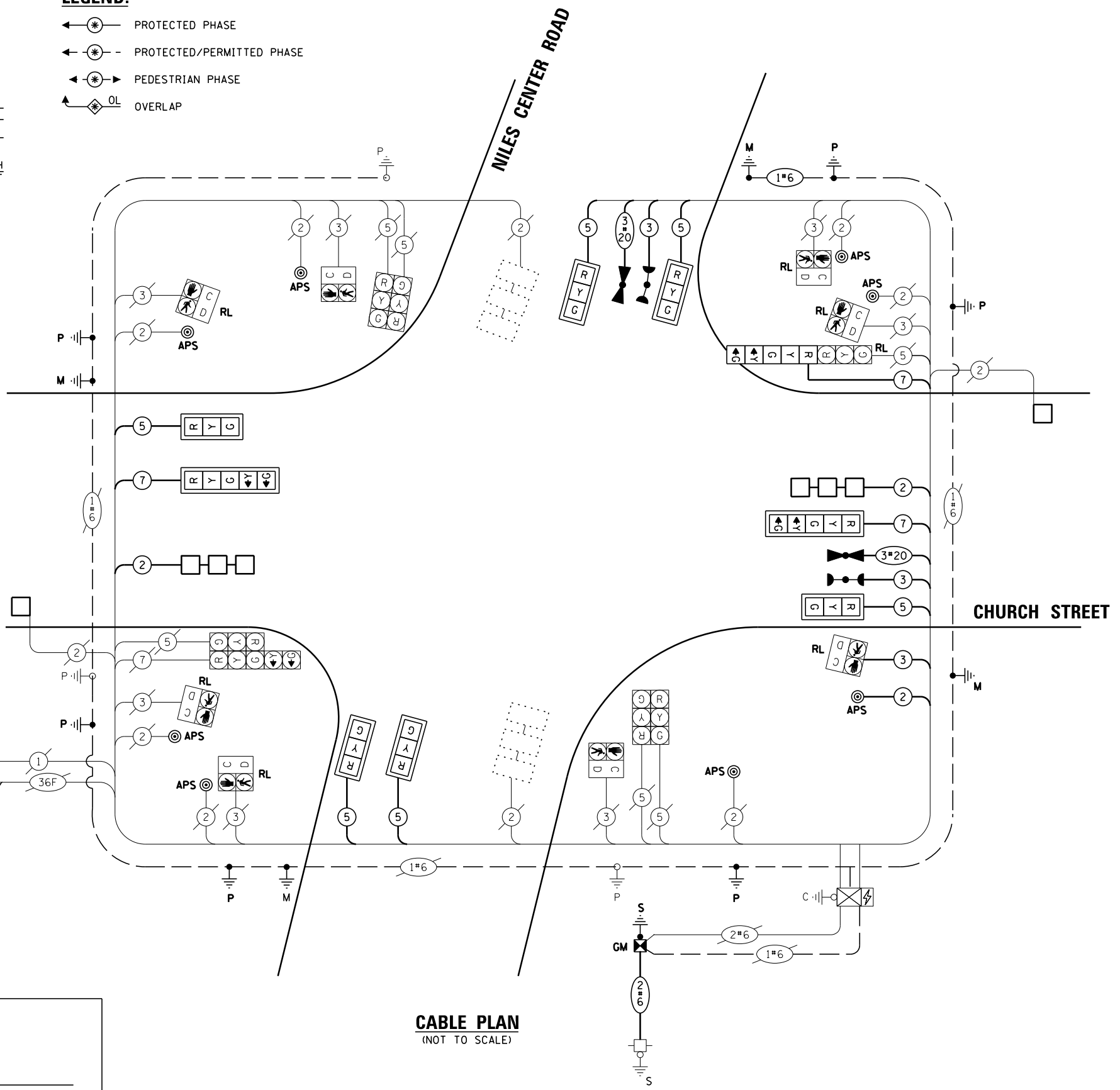


- LEGEND:**
- ← ⊙ → PROTECTED PHASE
  - ← ⊙ - - → PROTECTED/PERMITTED PHASE
  - ← ⊙ → PEDESTRIAN PHASE
  - ← ⊙ → OL OVERLAP

**TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS**

TYPE	QUANTITY	LED WATTAGE	TOTAL WATTAGE
<b>SIGNAL HEAD</b>			
3-SECTION	12	11	132
4-SECTION		14	0
5-SECTION	4	13	52
<b>PROGRAMMABLE SIGNALS</b>			
3-SECTION		22	0
4-SECTION		32	0
5-SECTION		28	0
PED. SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER		100	0
UPS	1	25	25
DETECTION RADAR		20	0
VIDEO		20	0
NETWORK SWITCH II OR III		25	0
BLANK-OUT SIGN		35	0
CELLULAR MODEM		15	0
<b>TOTAL UPS SIZING</b>			<b>479</b>
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER		15	0
LED STREET NAME SIGN		120	0
LUMINAIRE		240	0
PTZ CAMERA		75	0
<b>TOTAL SERVICE WIRE SIZING</b>			<b>1084</b>

ENERGY COSTS TO:  
 VILLAGE OF SKOKIE  
 5127 OAKTON STREET  
 SKOKIE, ILLINOIS 60077  
 ENERGY SUPPLY: CONTACT: LARRY SHANK  
 PHONE: (847) 816-5465  
 COMPANY: COMMONWEALTH EDISON  
 ACCOUNT NUMBER: 8332677000



**CABLE PLAN**  
 (NOT TO SCALE)

FILE NAME = N:\Skokie\180486\Traffic\Niles Center.CAD.dgn	USER NAME = jhouseh	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE**  
**CHURCH STREET AND NILES CENTER ROAD**

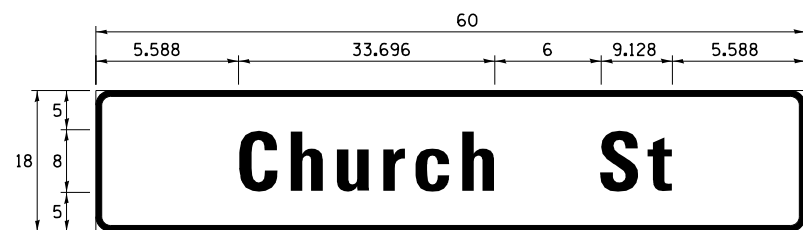
F.A.U. RTE. 1313	SECTION 13-00295-00-BT	COUNTY COOK	TOTAL SHEETS 67	SHEET NO. 54
CONTRACT NO. 61L34				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

**TS 4870**  
**ECON 2**

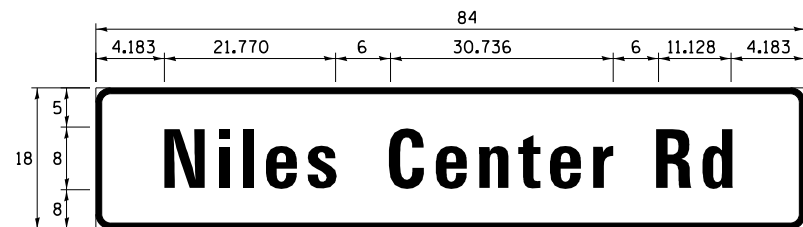


**SIGN PANEL – TYPE 1 OR TYPE 2**

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	7.5	1	ZZ	2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	10.5	2	ZZ	2

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.

**SCHEDULE OF QUANTITIES**

ITEM	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SQ FT	15
SIGN PANEL - TYPE 2	SQ FT	21
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	130
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	53
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	140
HEAVY-DUTY HANDHOLE	EACH	2
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	42
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	297
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	983
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	462
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	228
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	37
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	364
TRAFFIC SIGNAL POST, 16 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	8
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	47
DRILL EXISTING HANDHOLE	EACH	15
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	6
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	2
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	8
DETECTOR LOOP, TYPE I	FOOT	257
* LIGHT DETECTOR	EACH	2
* LIGHT DETECTOR AMPLIFIER	EACH	1
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	622
REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	560
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	5
* EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	248
** ROD AND CLEAN EXISTING CONDUIT	FOOT	236
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	4
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	1
INTERCEPT EXISTING CONDUIT	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	20
LED SIGNAL FACE, LENS COVER	EACH	16
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

\* - 100% OF THE COST SHALL BE PAID FOR BY THE VILLAGE OF SKOKIE  
 \*\* - NOMINAL QUANTITY TO BE USED AS NEEDED AND AS APPROVED BY THE ENGINEER.

PROFILE SURVEYED \_\_\_\_\_ DATE \_\_\_\_\_  
 GRADES CHECKED \_\_\_\_\_  
 E.M. NOTED \_\_\_\_\_  
 STRUCTURE NOTATIONS OKWD  
 BY: \_\_\_\_\_  
 NOTE BOOK NO. \_\_\_\_\_  
 PLAN NOTE BOOK NO. \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 ALIGNMENT CHECKED \_\_\_\_\_  
 RT. OF WAY CHECKED \_\_\_\_\_  
 CAD FILE NAME \_\_\_\_\_

CHRISTOPHER B. BURKE  
 ENGINEERING LTD.  
 9575 West Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (647) 923-9300





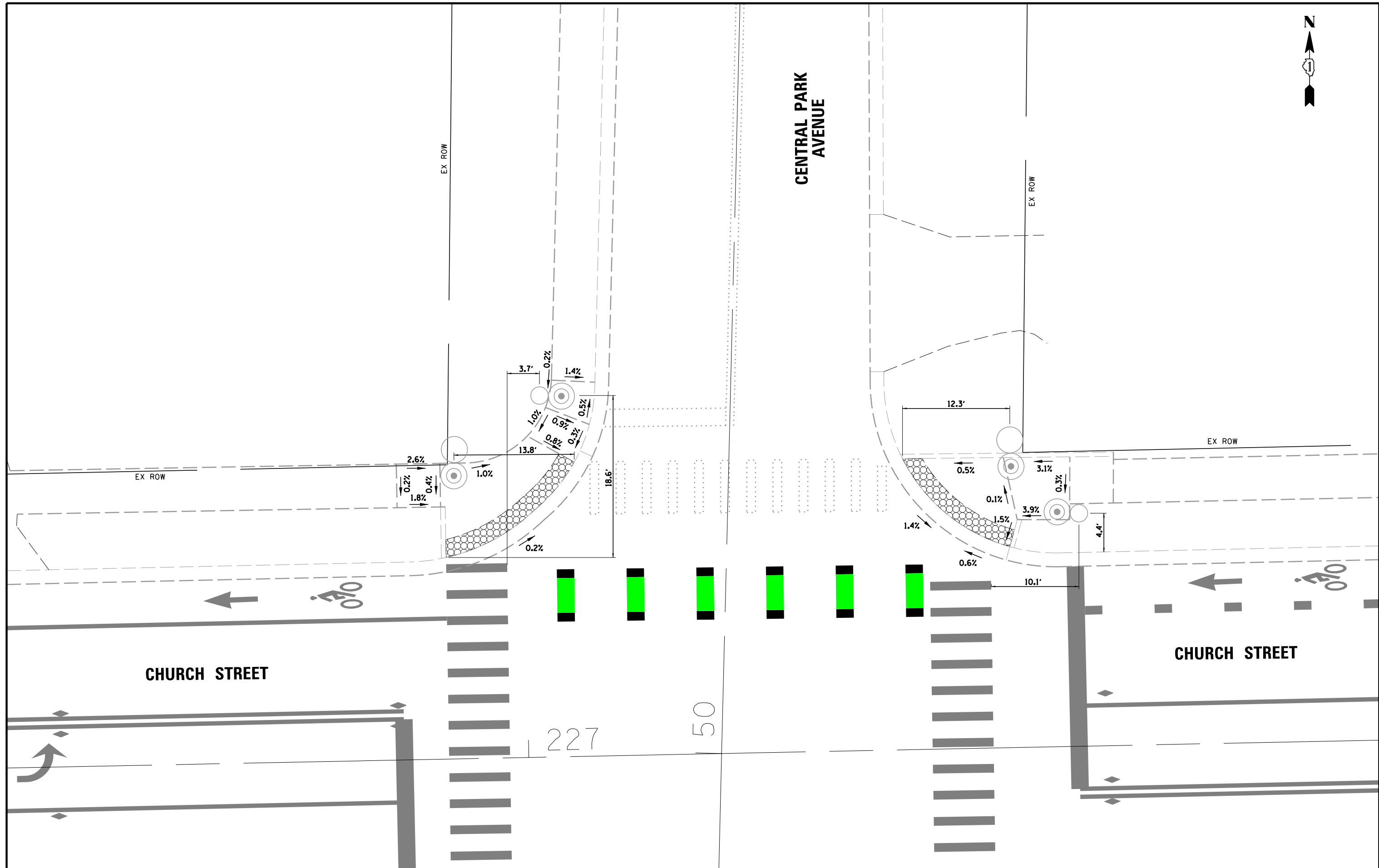
DATE	BY	DATE	BY
DATE	BY	DATE	BY

FILE	PROFILE	DATE	BY
FILE	PLAN	DATE	BY

SURVEYED	ALIGNED	CHECKED
RT. OF WAY	CHECKED	
ADD. FILE NAME		

ENGINEERING LTD.	ENGINEERING LTD.
CHRISTOPHER B. BURKE	CHRISTOPHER B. BURKE
3575 West Higgins Road, Suite 600	3575 West Higgins Road, Suite 600
Rosemont, Illinois 60018	Rosemont, Illinois 60018
(617) 923-5500	(617) 923-5500

FILE	PROFILE	DATE	BY
FILE	PLAN	DATE	BY

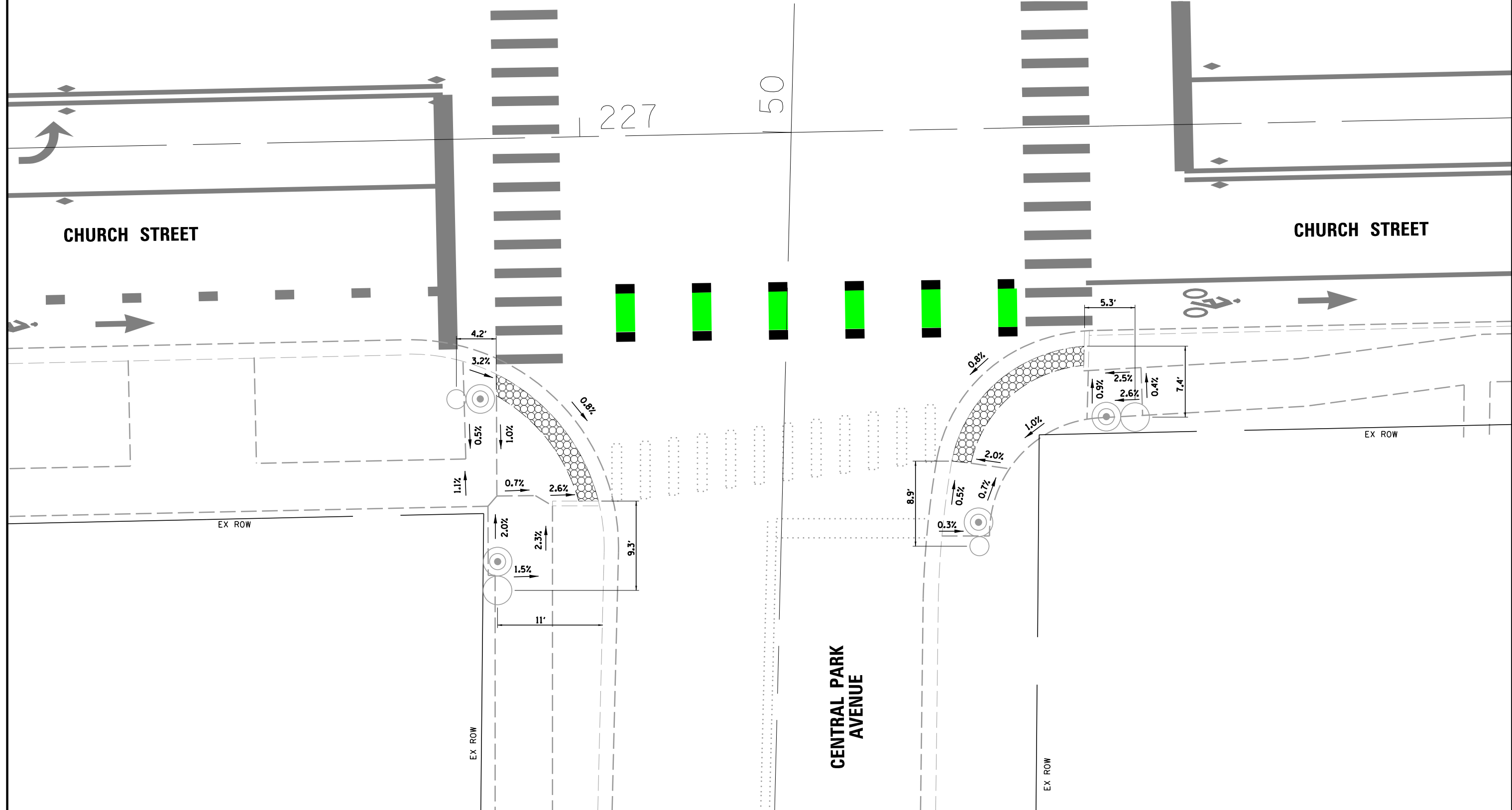


FILE NAME =	USER NAME = jhouseh	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING CURB RAMP DETAILS (SHEET 1 OF 2) CHURCH STREET AT CENTRAL PARK AVENUE	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\Skokie\180486\Traffic\CENTRAL PARK_ADA-01.dgn		DRAWN -	REVISED -			1313	13-00295-00-BT	COOK	67	56
PLOT SCALE = 18'		CHECKED -	REVISED -			CONTRACT NO. 61L34				
PLOT DATE = 2/27/2025		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	
NO.	BLM. NOTED	
	STRUCTURE NOTATIONS OK'KD	
PLAN	SURVEYED	DATE
NO.	ALIGNMENT CHECKED	
	RT. OF WAY CHECKED	
	ADD. FILE NAME	

**CHRISTOPHER B. BURKE** ENGINEERING LTD.  
 3575 West Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (647) 923-5930



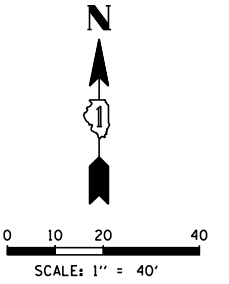
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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EXISTING CURB RAMP DETAILS (SHEET 2 OF 2)  
 CHURCH STREET AT CENTRAL PARK AVENUE**

SCALE: 1" = 10'      SHEET NO.    OF    SHEETS    STA.            TO    STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1313	13-00295-00-BT	COOK	67	57
FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT			CONTRACT NO. 61L34	



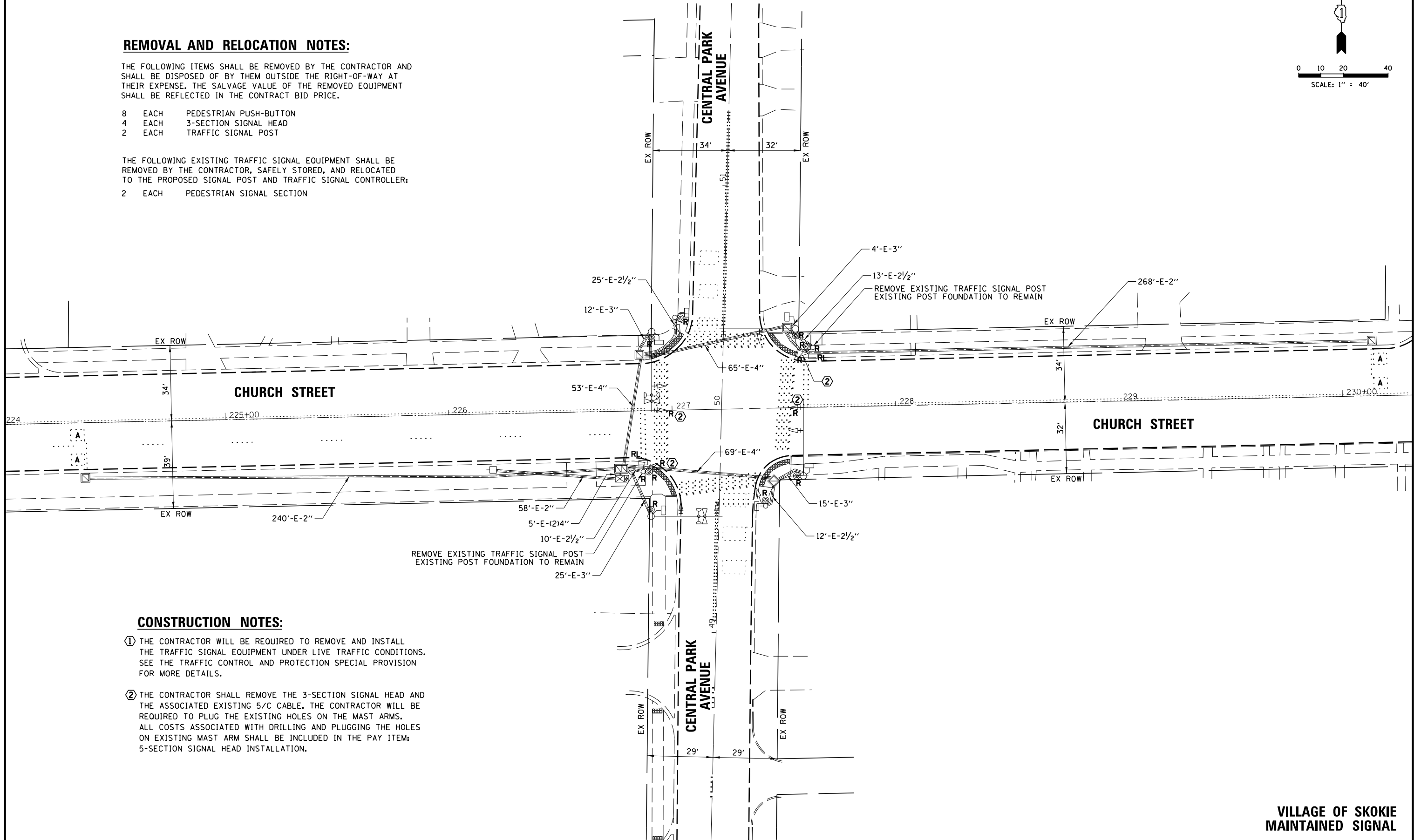
**REMOVAL AND RELOCATION NOTES:**

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
- 4 EACH 3-SECTION SIGNAL HEAD
- 2 EACH TRAFFIC SIGNAL POST

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED, AND RELOCATED TO THE PROPOSED SIGNAL POST AND TRAFFIC SIGNAL CONTROLLER:

- 2 EACH PEDESTRIAN SIGNAL SECTION



**CONSTRUCTION NOTES:**

- ① THE CONTRACTOR WILL BE REQUIRED TO REMOVE AND INSTALL THE TRAFFIC SIGNAL EQUIPMENT UNDER LIVE TRAFFIC CONDITIONS. SEE THE TRAFFIC CONTROL AND PROTECTION SPECIAL PROVISION FOR MORE DETAILS.
- ② THE CONTRACTOR SHALL REMOVE THE 3-SECTION SIGNAL HEAD AND THE ASSOCIATED EXISTING 5/C CABLE. THE CONTRACTOR WILL BE REQUIRED TO PLUG THE EXISTING HOLES ON THE MAST ARMS. ALL COSTS ASSOCIATED WITH DRILLING AND PLUGGING THE HOLES ON EXISTING MAST ARM SHALL BE INCLUDED IN THE PAY ITEM: 5-SECTION SIGNAL HEAD INSTALLATION.

DATE	BY	SURVEYED	ALIGNED	CHECKED	DATE
DATE	BY	PLAN	NOTE BOOK	NO.	
DATE	BY	PROFILE	NOTE BOOK	NO.	

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 Rosemont, Illinois 60018  
 (647) 623-5930

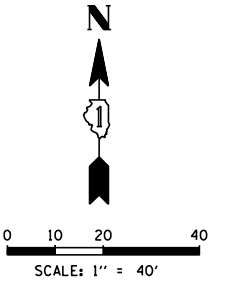
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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVAL PLAN  
 CHURCH STREET AND CENTRAL PARK AVENUE**

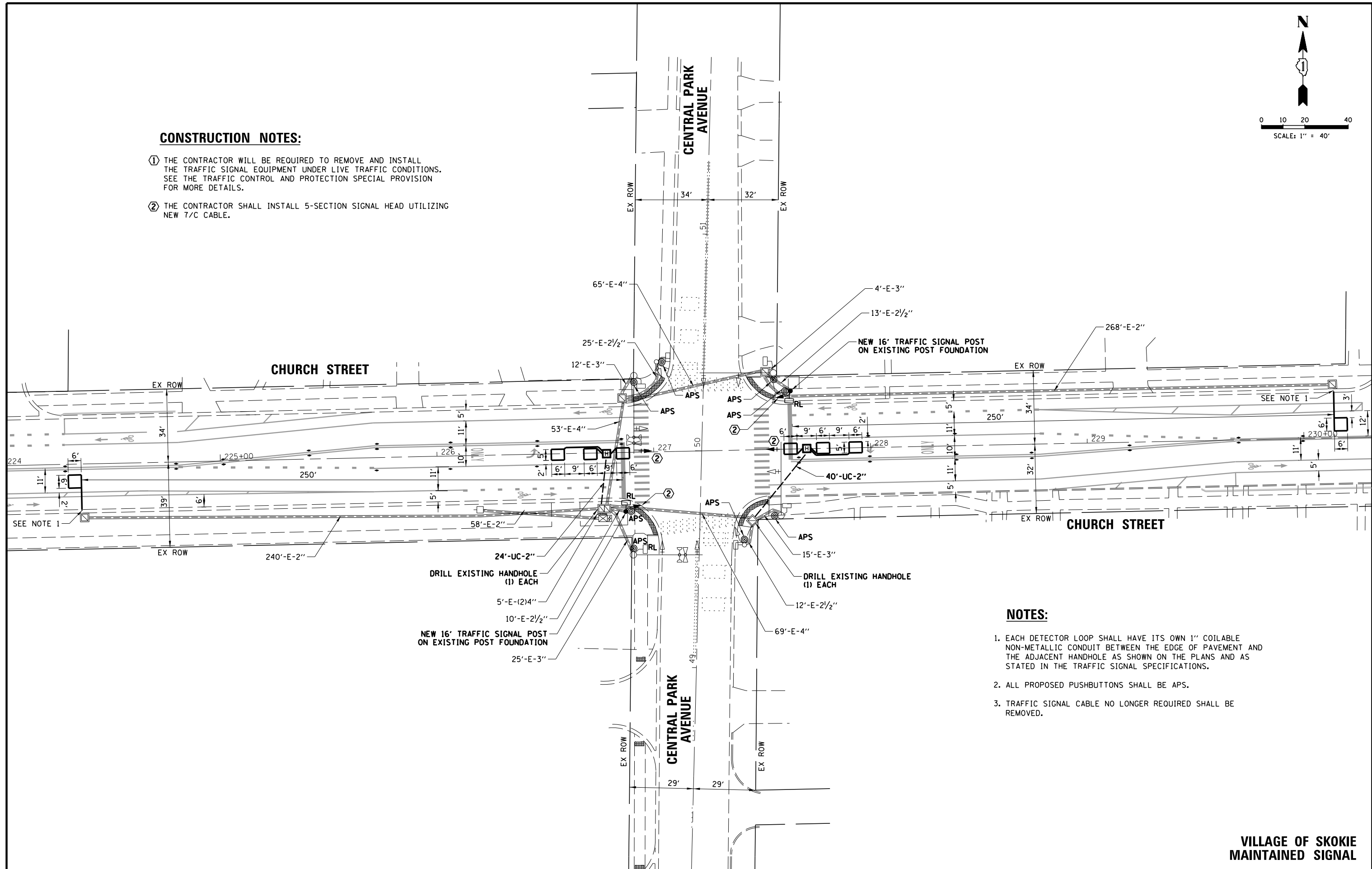
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1313	13-00295-00-BT	COOK	67	58
CONTRACT NO. 61L 34				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

SCALE: 1" = 40'    SHEET NO.    OF    SHEETS    STA.    TO    STA.



**CONSTRUCTION NOTES:**

- ① THE CONTRACTOR WILL BE REQUIRED TO REMOVE AND INSTALL THE TRAFFIC SIGNAL EQUIPMENT UNDER LIVE TRAFFIC CONDITIONS. SEE THE TRAFFIC CONTROL AND PROTECTION SPECIAL PROVISION FOR MORE DETAILS.
- ② THE CONTRACTOR SHALL INSTALL 5-SECTION SIGNAL HEAD UTILIZING NEW 7/C CABLE.



**NOTES:**

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
2. ALL PROPOSED PUSHBUTTONS SHALL BE APS.
3. TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.

<p><b>PROFILE</b></p> <p>DATE _____</p> <p>BY _____</p> <p>NO. _____</p> <p>STRUCTURE NOTATIONS CWKO</p>	<p><b>PLAN</b></p> <p>DATE _____</p> <p>BY _____</p> <p>NO. _____</p>
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SURVEYED \_\_\_\_\_  
 ALIGNMENT CHECKED \_\_\_\_\_  
 RT. OF WAY CHECKED \_\_\_\_\_  
 ADD. FILE NAME \_\_\_\_\_

**CHRISTOPHER B. BURKE**  
 ENGINEERING LTD.  
 9575 West Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (630) 922-5500

SURVEYED \_\_\_\_\_  
 GRADES CHECKED \_\_\_\_\_  
 ELEM. NOTED \_\_\_\_\_  
 STRUCTURE NOTATIONS CWKO

FILE NAME =	USER NAME = jhouseh	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODIFICATION PLAN**  
**CHURCH STREET AND CENTRAL PARK AVENUE**

SCALE: 1" = 40'    SHEET NO.    OF    SHEETS    STA.    TO    STA.

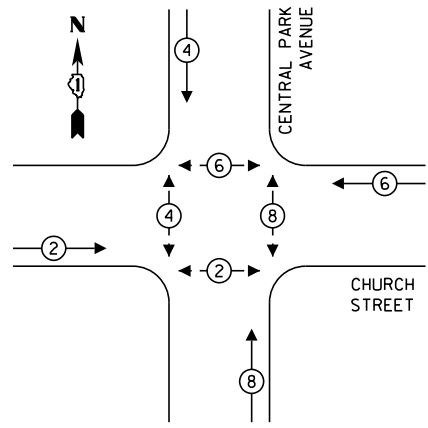
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1313	13-00295-00-BT	COOK	67	59
CONTRACT NO. 61L34				
FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT				

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_ ALIGNED: \_\_\_\_\_  
 GRADES CHECKED: \_\_\_\_\_ RT. OF WAY CHECKED: \_\_\_\_\_  
 ELEM. NOTED: \_\_\_\_\_ ADD. FILE NAME: \_\_\_\_\_  
 STRUCTURE NOTATIONS: OKWD

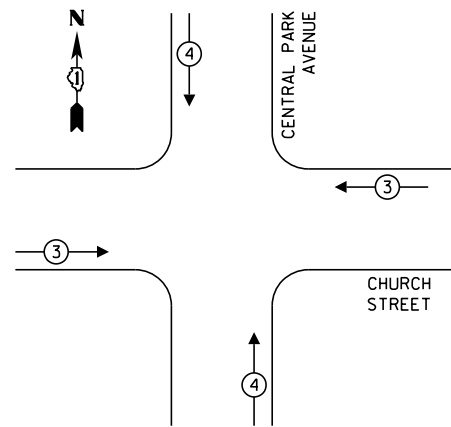
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 SURVEYED: \_\_\_\_\_ ALIGNED: \_\_\_\_\_  
 GRADES CHECKED: \_\_\_\_\_ RT. OF WAY CHECKED: \_\_\_\_\_  
 ELEM. NOTED: \_\_\_\_\_ ADD. FILE NAME: \_\_\_\_\_  
 STRUCTURE NOTATIONS: OKWD

PLAN NO. \_\_\_\_\_  
 NOTE BOOK NO. \_\_\_\_\_  
 ENGINEERING LTD.  
**CHRISTOPHER B. BURKE**  
 8575 West Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (630) 923-5930

**EXISTING CONTROLLER SEQUENCE**



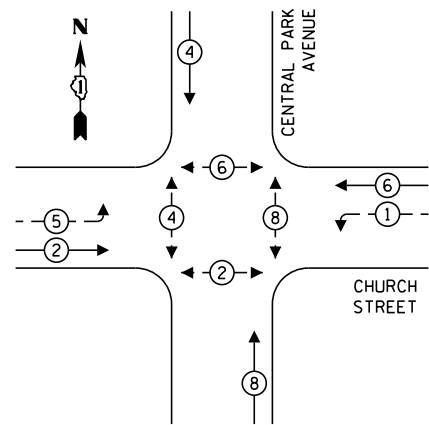
**EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE**



**LEGEND:**

- ← \* → PROTECTED PHASE
- ← \* - - PROTECTED/PERMITTED PHASE
- ← \* → PEDESTRIAN PHASE
- ← OL → OVERLAP

**PROPOSED CONTROLLER SEQUENCE**



**TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS**

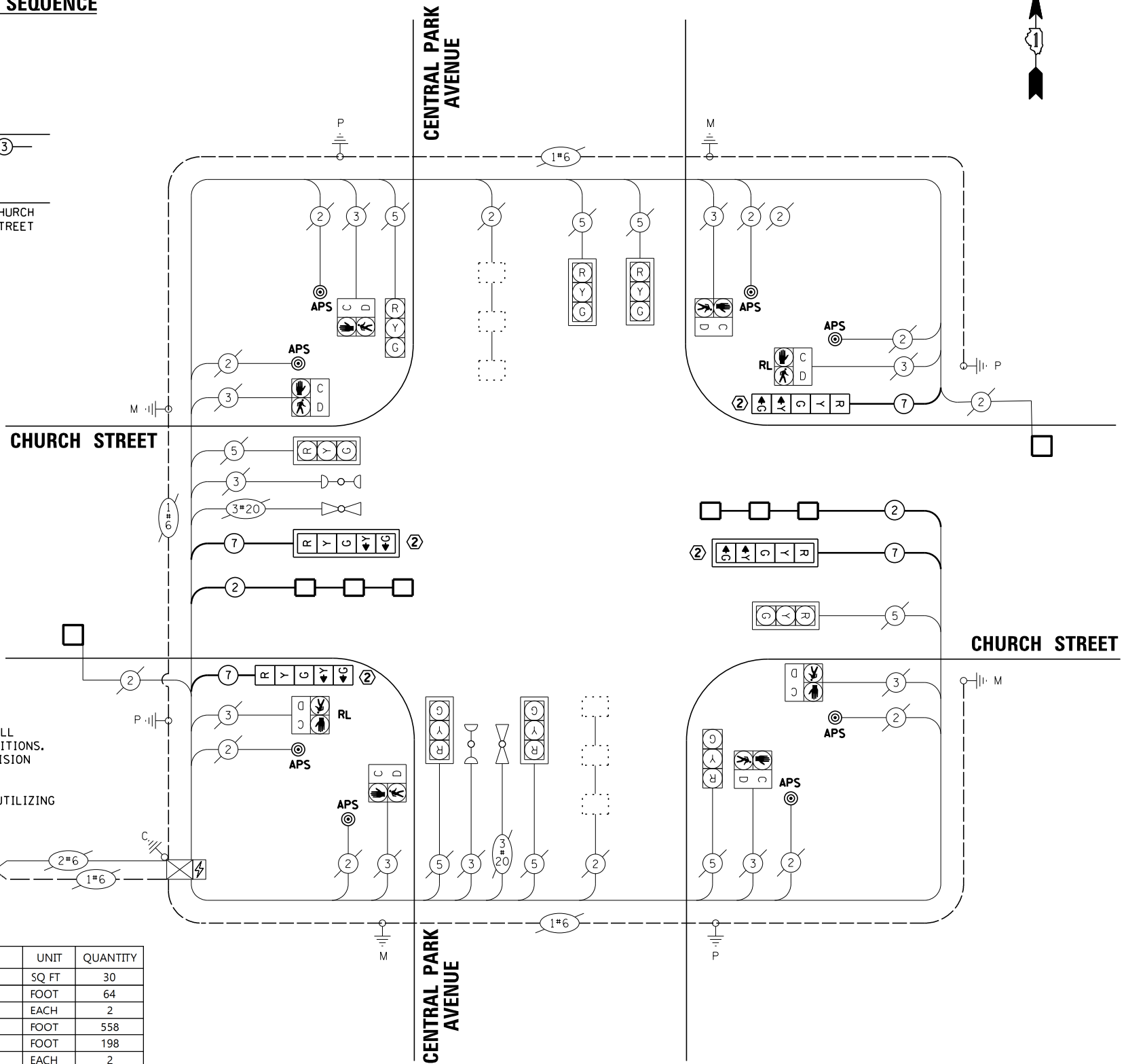
TYPE	QUANTITY	LED WATTAGE	TOTAL WATTAGE
<b>SIGNAL HEAD</b>			
3-SECTION	8	11	88
4-SECTION		14	0
5-SECTION	4	13	52
<b>PROGRAMMABLE SIGNALS</b>			
3-SECTION		22	0
4-SECTION		32	0
5-SECTION		28	0
PED. SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER		100	0
UPS	1	25	25
DETECTION RADAR		20	0
VIDEO		20	0
NETWORK SWITCH II OR III		25	0
BLANK-OUT SIGN		35	0
CELLULAR MODEM		15	0
<b>TOTAL UPS SIZING</b>			<b>435</b>
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER		15	0
LED STREET NAME SIGN		120	0
LUMINAIRE		240	0
PTZ CAMERA		75	0
<b>TOTAL SERVICE WIRE SIZING</b>			<b>1040</b>

**CONSTRUCTION NOTES:**

- ① THE CONTRACTOR WILL BE REQUIRED TO REMOVE AND INSTALL THE TRAFFIC SIGNAL EQUIPMENT UNDER LIVE TRAFFIC CONDITIONS. SEE THE TRAFFIC CONTROL AND PROTECTION SPECIAL PROVISION FOR MORE DETAILS.
- ② THE CONTRACTOR SHALL INSTALL 5-SECTION SIGNAL HEAD UTILIZING NEW 7/C CABLE.

**SCHEDULE OF QUANTITIES**

ITEM	UNIT	QUANTITY
RELOCATE SIGN PANEL - TYPE 1	SQ FT	30
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	64
HEAVY-DUTY HANDHOLE	EACH	2
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	558
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	198
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2
DRILL EXISTING HANDHOLE	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	2
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	2
DETECTOR LOOP, TYPE I	FOOT	256
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	558
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8



**CABLE PLAN**  
(NOT TO SCALE)

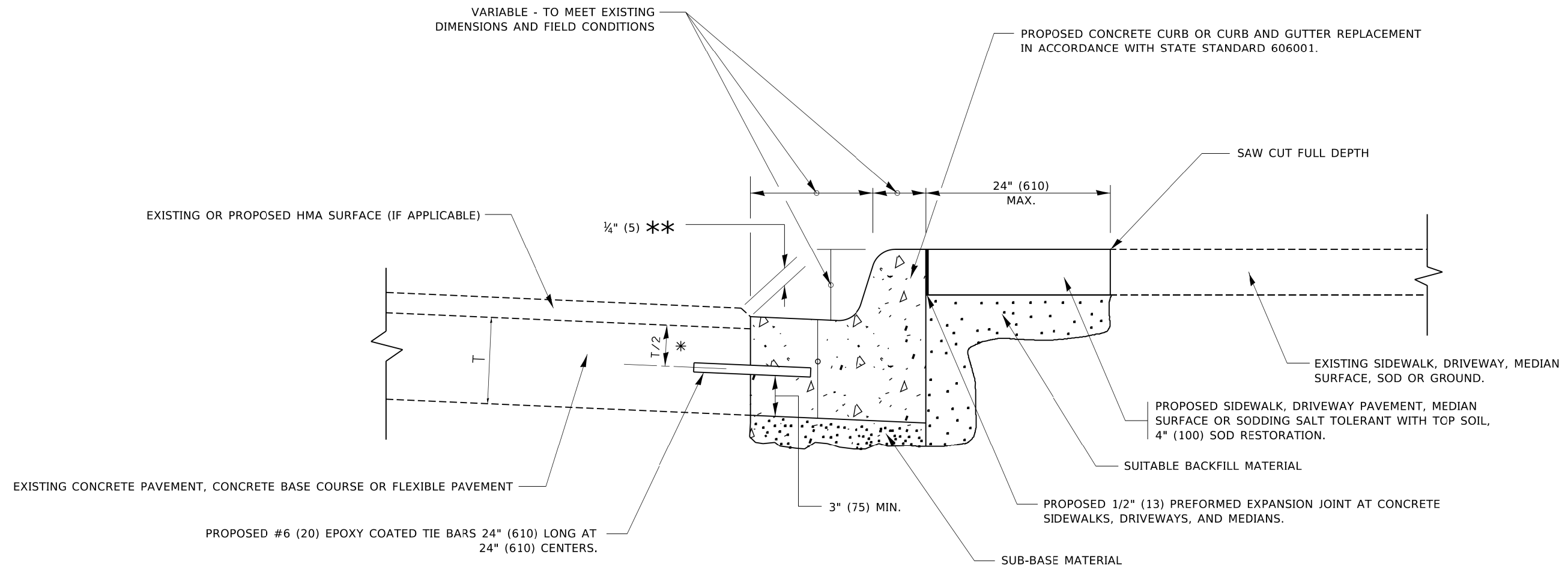
ENERGY COSTS TO:  
 ILLINOIS DEPARTMENT OF TRANSPORTATION  
 201 W. CENTER COURT  
 SCHAUMBURG, ILLINOIS 60196  
 ENERGY SUPPLY: CONTACT: DEAN MARTINEZ  
 PHONE: (630) 691-4869  
 COMPANY: COMED  
 ACCOUNT NUMBER: ---

FILE NAME = N:\Skokie\180486\Traffic\CENTRAL PARK-Sht-3-CAB.dgn	USER NAME = jhouseh	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

**SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE**  
 CHURCH STREET AND CENTRAL PARK AVENUE  
 SCALE: 1" = 40' SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1313	13-00295-00-BT	COOK	67	60
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61L34	



- \* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- \*\* IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

# CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

MODEL: Default  
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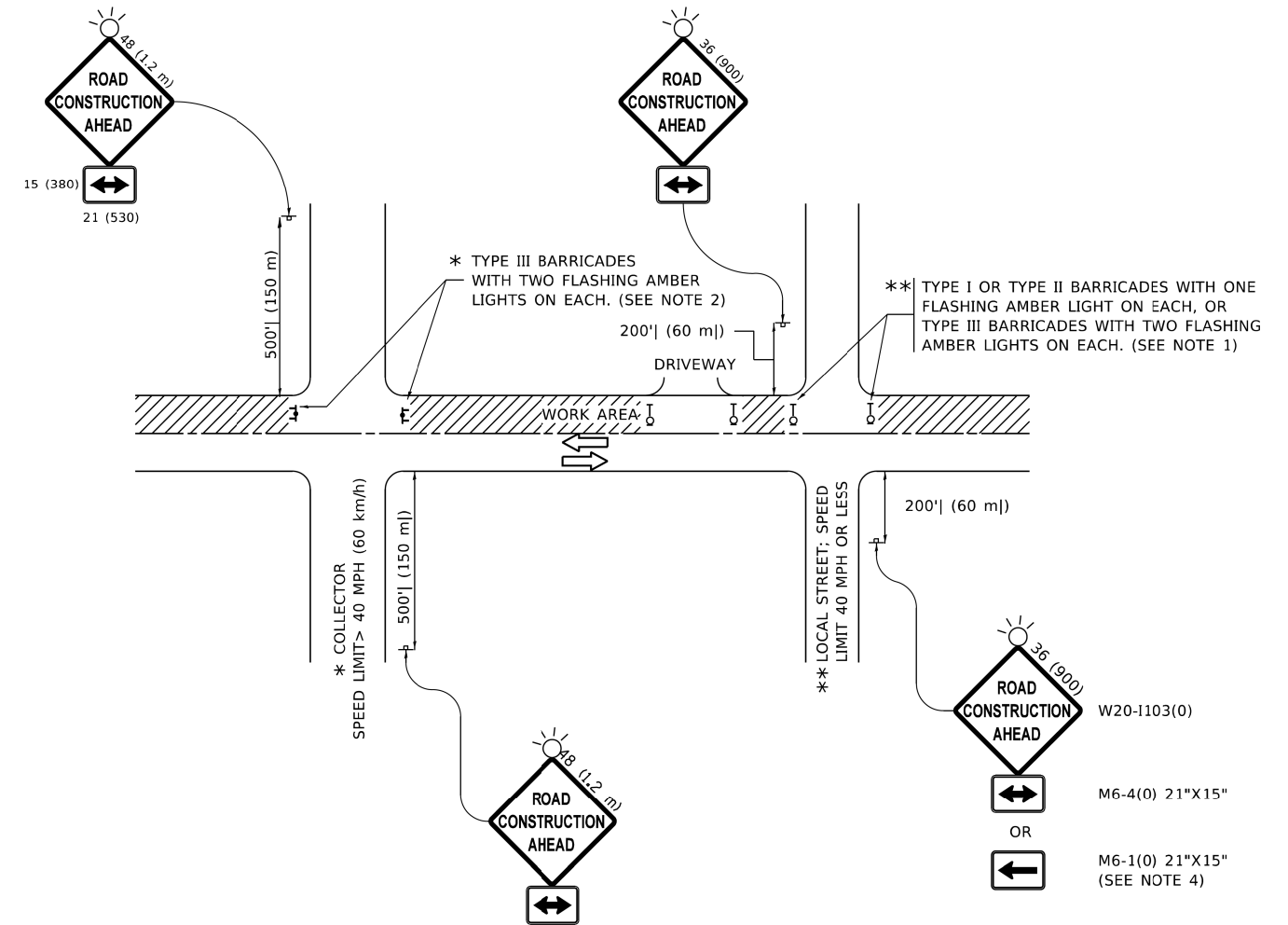
USER NAME = footemj	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 01-22-01
PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED - R. BORO 12-15-09
PLOT DATE = 7/11/2019	DATE - 03-11-94	REVISED - K. SMITH 07-11-19

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CURB OR CURB AND GUTTER  
REMOVAL AND REPLACEMENT**

SCALE: NONE    SHEET 1 OF 1 SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1313	13-00295-00-BT	COOK	67	61
<b>BD600-06 (BD-24)</b>		CONTRACT NO. 61L34		
ILLINOIS FED. AID PROJECT				



**NOTES:**

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

MODEL: Default  
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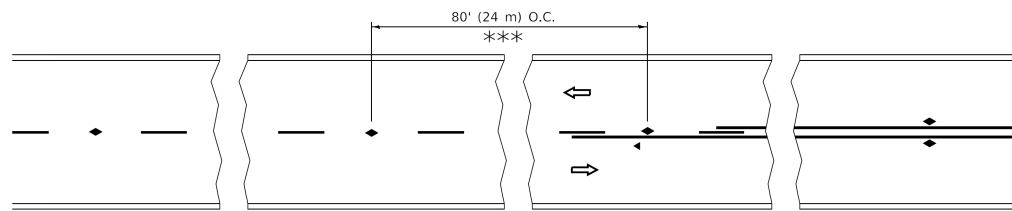
USER NAME = Lawrence,DeManche	DESIGNED - L.H.A.	REVISED - T. RAMMACHER 01-06-00
	DRAWN -	REVISED - A. SCHUETZE 07-01-13
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 5/3/2024	DATE - 06-89	REVISED - D. SENDERAK 05-03-24

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION FOR  
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

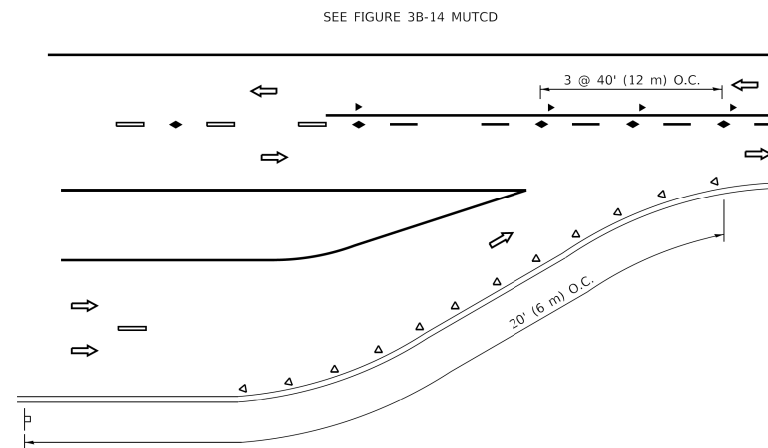
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1313	13-00295-00-BT	COOK	67	62
<b>TC-10</b>			CONTRACT NO. 61L34	
ILLINOIS FED. AID PROJECT				

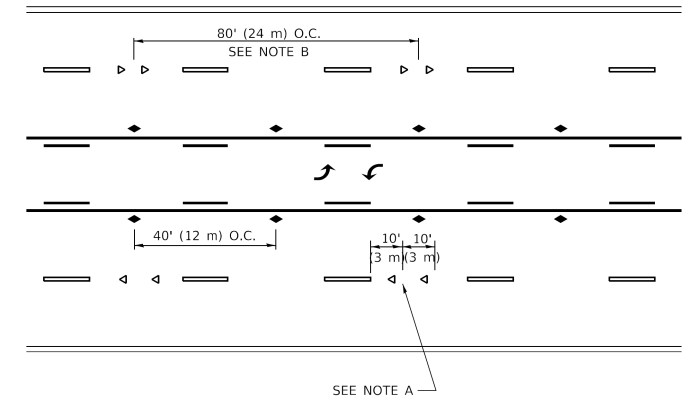


\*\*\* REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

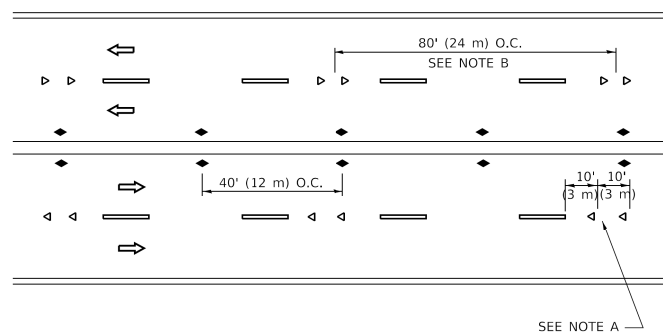
**TWO-LANE/TWO-WAY**



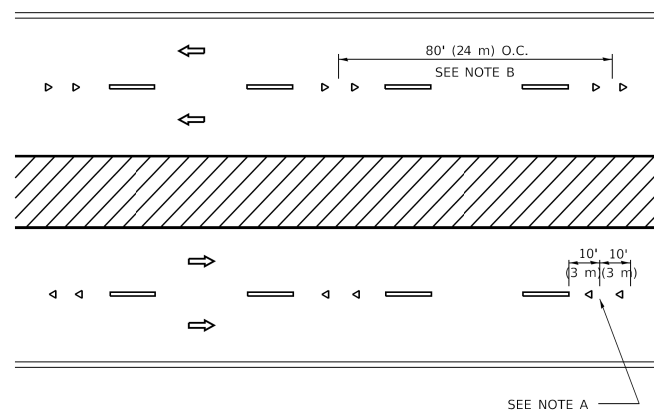
**LANE REDUCTION TRANSITION**



**TWO-WAY LEFT TURN**



**MULTI-LANE/UNDIVIDED**



**MULTI-LANE/DIVIDED**

**GENERAL NOTES**

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

**SYMBOLS**

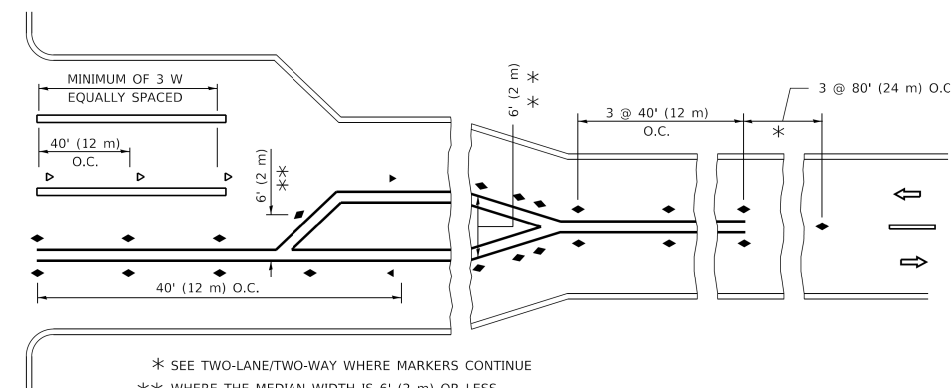
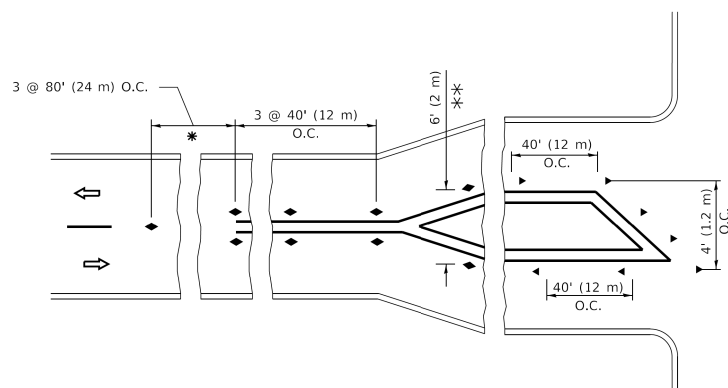
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

**LANE MARKER NOTES**

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

**DESIGN NOTES**

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



\* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE  
 \*\* WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

**TURN LANES**

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

MODEL: Default  
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USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-12-99
	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = 50.0000 "/h.	CHECKED -	REVISED - C. JUCIUS 09-09-09
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 07-01-13

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL APPLICATIONS  
 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)**

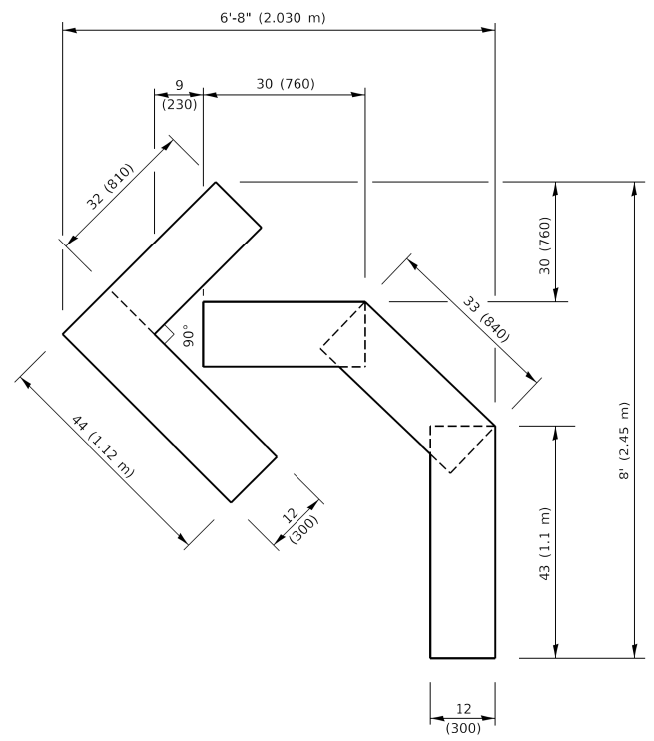
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1313	13-00295-00-BT	COOK	67	63
TC-11		CONTRACT NO. 61L34		
ILLINOIS FED. AID PROJECT				



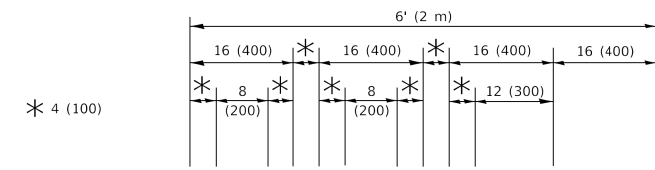






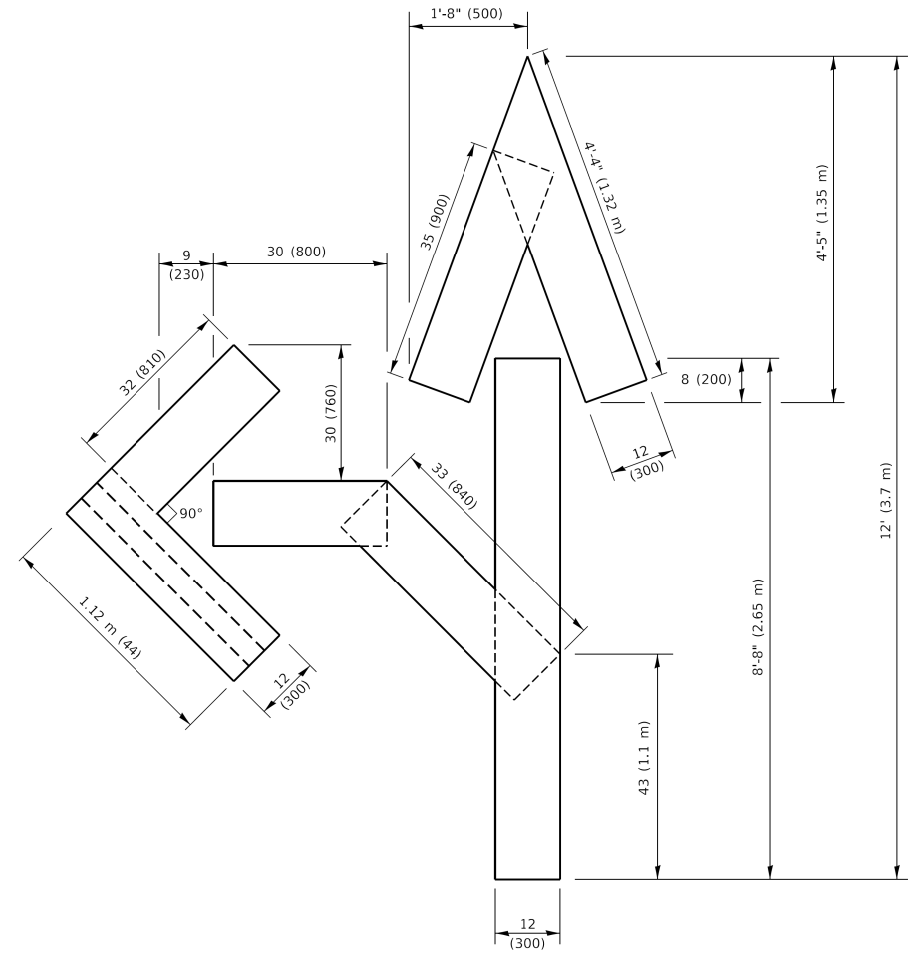
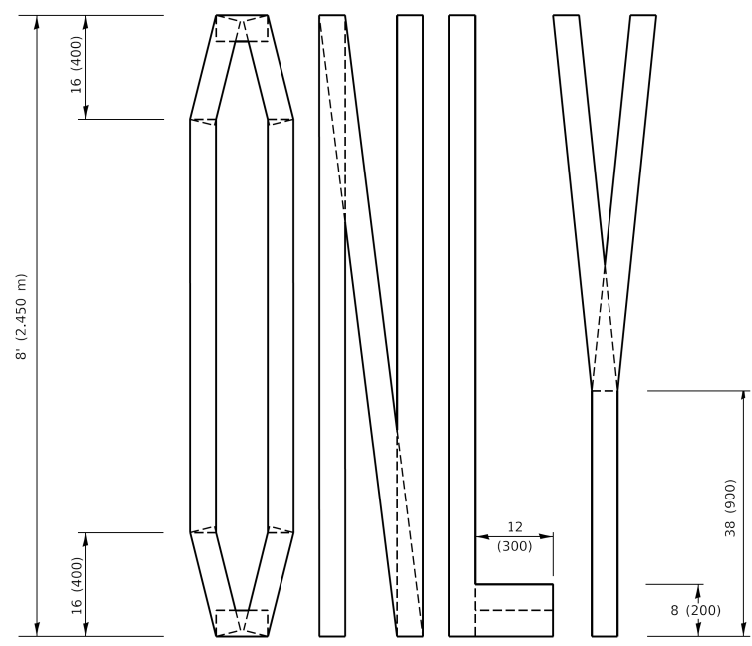
**QUANTITY**

4 (100) LINE = 45.5 ft. (13.9 m)  
15.2 sq. ft. (1.41 sq. m)



**QUANTITY**

4 (100) LINE = 64.1 ft. (19.5 m)  
21.4 sq. ft. (1.99 sq. m)

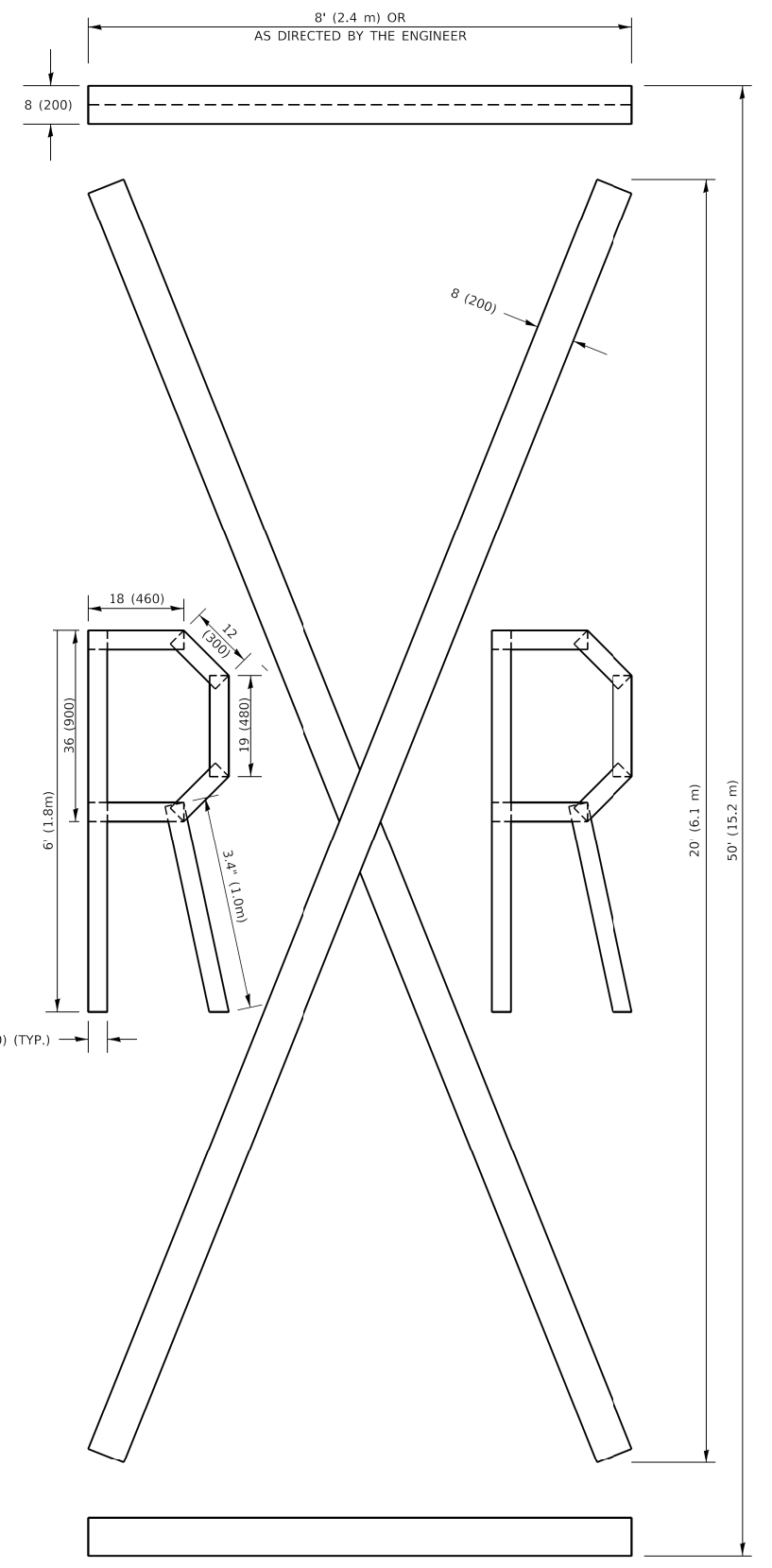


**QUANTITY**

4 (100) LINE = 82.5 ft. (25.1 m)  
27.5 sq. ft. (2.53 sq. m)

**NOTE:**

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



**QUANTITY**

4 (100) LINE = 225.9 ft. (68.9 m)  
75.3 sq. ft. (6.99 sq. m)

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

MODEL: Default  
FILE NAME: I:\U084EB\DOT\Illinois.gov\PIV\DOT\Documents\DOT Office\District 1\Projects\Dist\S22-24\CAD\DATA\CAD\Sheets\16.dgn

USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
PLOT SCALE = 50.0068" / in.	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 3/4/2019	CHECKED -	REVISED - E. GOMEZ 08-28-00
	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1313	13-00295-00-BT	COOK	67	66
<b>TC-16</b>			CONTRACT NO. 61L34	
ILLINOIS FED. AID PROJECT				

