

FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

# PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAU 1518 (63RD STREET)  
W. SUFFIELD COURT TO AMERICANA DRIVE  
TRAFFIC SIGNAL MODERNIZATIONS – FLASHING YELLOW ARROW  
SECTION NO. 20-00288-05-TL  
PROJECT NO. VD4X(283)  
DUPAGE COUNTY  
C-91-233-21

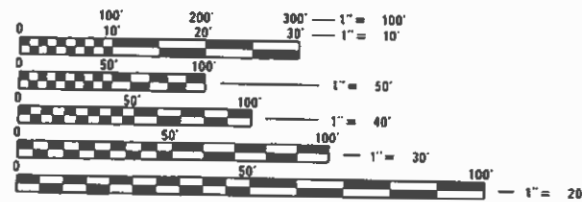
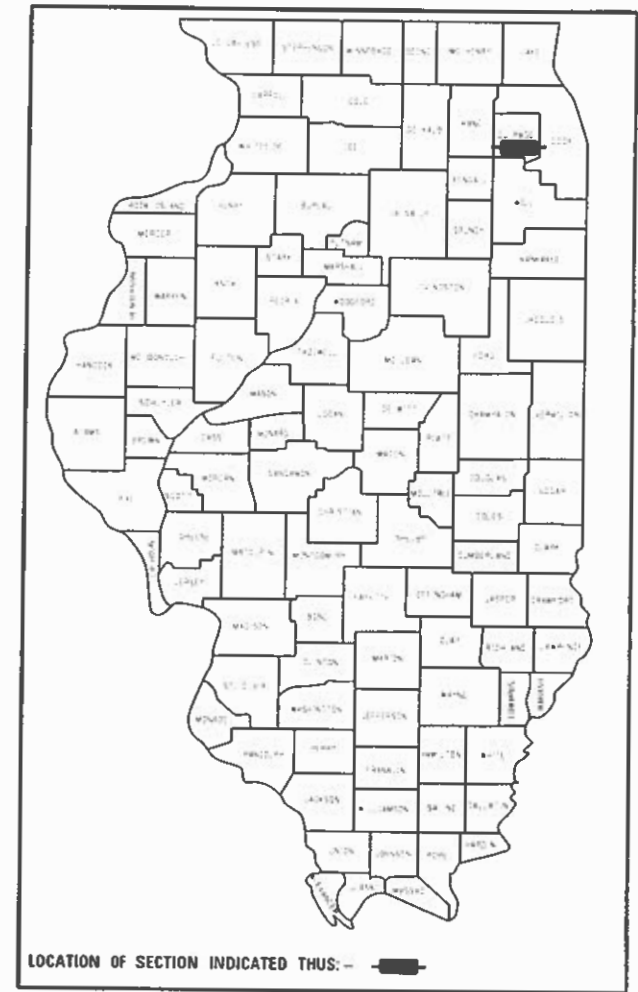
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	1
ILLINOIS			CONTRACT NO. 61M40	

07-31-2026 LETTING ITEM 020

PROJECT LOCATED IN:  
VILLAGES OF WESTMONT AND WILLOWBROOK

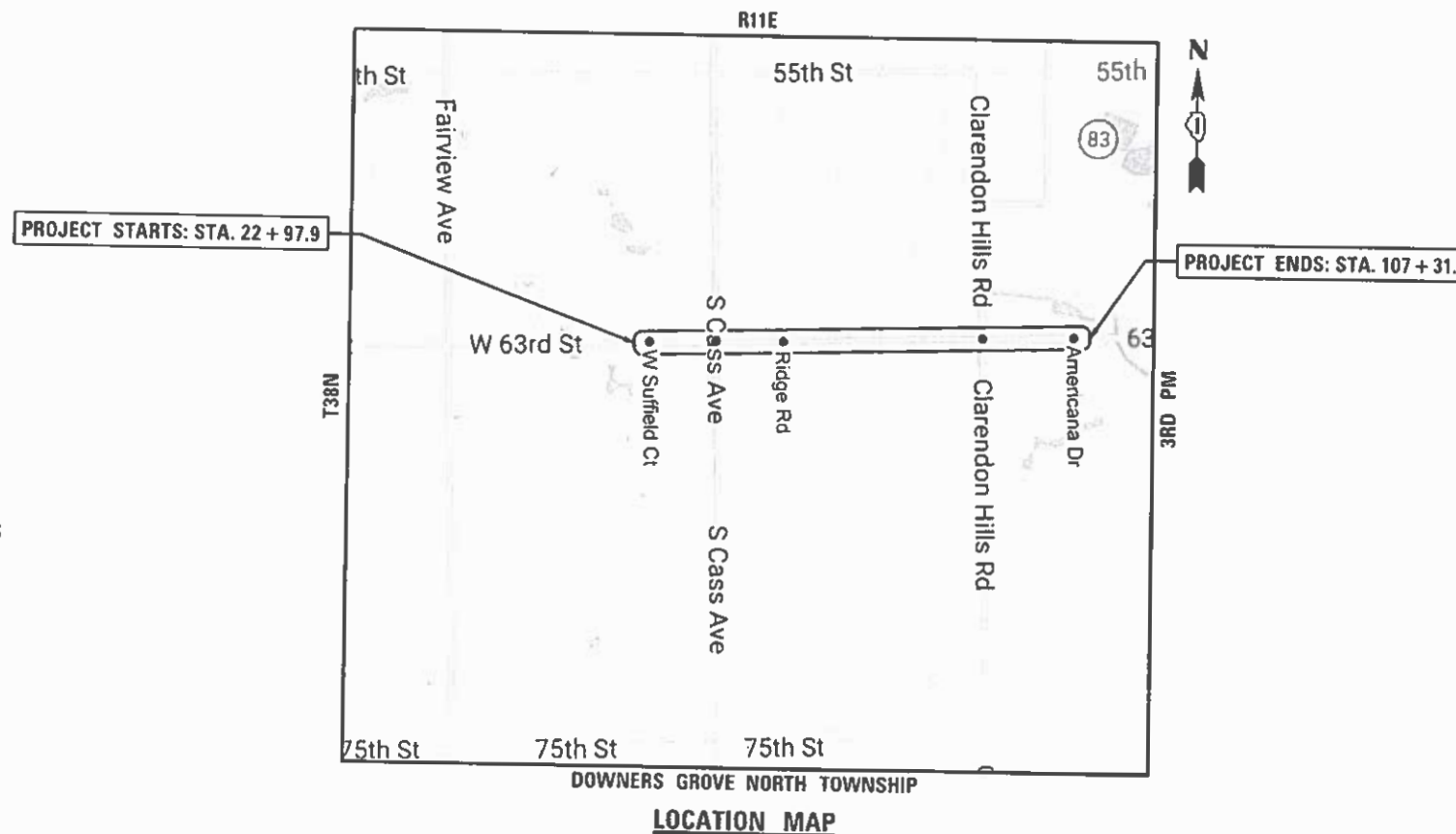
TRAFFIC DATA  
63RD STREET  
ADT = 20,900 (2024)  
POSTED SPEED LIMIT = 40 MPH

63RD STREET FUNCTIONAL CLASSIFICATION:  
MINOR ARTERIAL



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

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



63RD STREET  
GROSS LENGTH OF PROJECT = 8,434 FEET (1.60 MILES)  
NET LENGTH OF PROJECT = 8434 FEET (1.60 MILES)

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

APPROVED March 30 20 26  
William C. Edson  
DUPAGE COUNTY DIVISION OF TRANSPORTATION, COUNTY ENGINEER

PASSED April 9 20 26  
[Signature]  
ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW April 9 20 26  
[Signature]  
REGIONAL ENGINEER

Benjamin Chavez 4/1/26  
ENGINEER DATE

BENJAMIN CHAVEZ  
ILLINOIS REGISTRATION No. 062-063542  
EXPIRATION DATE: 11-30-2027

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

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

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: 4/30/26

CONTRACT NO. 61M40

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86	- IDOT D1 - TYPICAL PAVEMENT MARKINGS (TC-13)
87	- IDOT D1 - ARTERIAL ROAD INFORMATION SIGN (TC-22)

## HIGHWAY STANDARDS

001006	DECIMAL OF AN INCH AND OF A FOOT
000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424021-07	DEPRESSED CORNER FOR SIDEWALKS
606001-09	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-11	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-03	HANDHOLES
814006-03	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877001-08	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877006-06	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS
877011-10	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-11	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

## 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, 2026; 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, AND THE AUGUST 2023 "FINAL RULE" OF THE PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES.
- BEFORE STARTING ANY DIGGING FOR TRAFFIC SIGNAL FOUNDATIONS, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED FACILITIES. 48-HOUR NOTIFICATION REQUIRED.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON DUPAGE COUNTY RIGHT-OF-WAY WITHOUT WRITTEN PERMISSION FROM THE COUNTY.
- THE CONTRACTOR SHALL CONTACT THE DUPAGE TRAFFIC ENGINEER AT (630) 407-6885, 72 HOURS IN ADVANCE OF BEGINNING WORK.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING CONSTRUCTION OF THIS PROJECT.
- FRAME AND GRATES OR VALVE ADJUSTMENTS OF PRIVATE (3RD PARTY) UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENT SHALL BE DONE BY THEIR RESPECTIVE OWNERS, AT THEIR EXPENSE, AND ARE NOT PART OF THIS CONTRACT.
- THE QUANTITIES SHOWN FOR PARKWAY RESTORATION WHICH INCLUDE EARTH EXCAVATION, TOPSOIL FURNISH AND PLACE, SEEDING, AND EROSION CONTROL BLANKET ARE ESTIMATED. AT THE ENGINEER'S APPROVAL, THE CONTRACTOR SHALL ADJUST THESE QUANTITIES WHERE NECESSARY TO PROVIDE FOR A SMOOTH TRANSITION FROM NEW SIDEWALK EDGE TO EXISTING PARKWAY EDGE.
- PHOSPHORUS FERTILIZER HAS BEEN INTENTIONALLY OMITTED FROM THE CONTRACT DUE TO THE PROXIMITY TO THE EXISTING WATER. A PHOSPHORUS-FREE FERTILIZER SHALL BE USED (MIDDLE NUMBER SHOULD EQUAL 0).

## IDOT DISTRICT DETAILS

DETAIL NO.	DESCRIPTION
BE-701	LUMINAIRE SAFETY CABLE ASSEMBLY
BD-24	DISTRICT ONE CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-22	DISTRICT ONE ARTERIAL ROAD INFORMATION SIGN

## CHANGEABLE MESSAGE SIGN

THE CONTRACTOR SHALL INSTALL ONE CHANGEABLE MESSAGE SIGN (CMS) ON EACH ROADWAY APPROACH TO THE SIGNALIZED INTERSECTION THAT WILL USE NEW FLASHING YELLOW ARROW (FYA) SIGNAL INDICATIONS. THE CMS SHALL BE INSTALLED ONE WEEK PRIOR AND ONE WEEK AFTER THE TRAFFIC SIGNAL TURN-ON AT THE INTERSECTION. THE CONTRACTOR SHALL USE THE MESSAGES NOTED BELOW OR AS OTHERWISE DIRECTED BY THE ENGINEER.

### ONE WEEK BEFORE THE FYA INSTALLATION:

#### PHASE 1

NEW  
SIGNAL  
PATTERN

#### PHASE 2

STARTING  
(MONTH DATE)

### ONE WEEK AFTER THE FYA INSTALLATION:

#### PHASE 1

NEW  
SIGNAL  
PATTERN

#### PHASE 2

YIELD ON  
FLASHING  
YELLOW

#### PHASE 3

WATCH  
YOUR  
SIGNAL

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @ NODES	QUALITY MANAGEMENT PROGRAM (QMP)
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70; 1.5"	4% @ 70 GYR.	LR1030-2
QMP DESIGNATIONS: QUALITY CONTROL / QUALITY ASSURANCE (QC / QA) PER LR-1030-2		

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ.YD./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 BY RECLAIMED MATERIALS SPECIFICATIONS.

FILE NAME =	USER NAME = fbariso	DESIGNED - BC	REVISED - ____	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, GENERAL NOTES, AND HIGHWAY STANDARDS</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\DUPAGE COUNTY\DOT\230127\Tr-offic\02	Index&Notes-230127.dgn	DRAWN - FPB	REVISED - ____			1518	20-00288-05-TL	DUPAGE	87	2	
	PLOT SCALE = 48'	CHECKED - EAJ	REVISED - ____			<b>CONTRACT NO. 61M40</b>					
	PLOT DATE = 4/27/2026	DATE - 4/27/2026	REVISED - ____			SCALE: 1" = 40'	SHEET NO. ____ OF ____ SHEETS	STA. _____ TO STA. _____	FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT		

**DUPAGE GENERAL NOTES:**

1. NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.
2. MAIL BOXES SHALL BE RELOCATED BY THE CONTRACTOR AS DIRECTED BY THE LOCAL POSTAL AUTHORITY. UNLESS INCLUDED AS A CONTRACT PAY ITEM, THIS WORK SHALL BE CONSIDERED TO BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.
3. ALL UTILITIES, SCHOOL DISTRICTS, LOCAL POLICE, AND FIRE DEPARTMENTS SHALL BE NOTIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
4. UNLESS AUTHORIZED BY THE ENGINEER, ALL EXISTING ACCESS POINTS SHALL BE MAINTAINED AT ALL TIMES BY THE CONTRACTOR.

TREE REMOVAL, CLEARING, AND HEDGE REMOVAL

1. TREES NOT MARKED FOR REMOVAL SHALL BE CONSIDERED AS DESIGNATED TO BE SAVED AND SHALL BE PROTECTED UNDER THE PROVISIONS OF ARTICLE 201.05 OF THE STANDARD SPECIFICATIONS.

OVERHANGING LIMBS

1. OVERHANGING LIMBS ARE TO BE TRIMMED OR CUT OFF TO PROVIDE A MINIMUM VERTICAL CLEARANCE OF TWENTY (20) FEET FROM THE FINISHED SURFACE OF THE ROAD. CLEARANCE TO SIDEWALKS OR PATHS SHALL BE AS DIRECTED BY THE ENGINEER.
2. LIMB PRUNING SHALL BE UNDERTAKEN IN A TIMELY FASHION SO AS NOT TO INTERFERE WITH CONSTRUCTION.
3. ALL LIMBS, BRANCHES, AND OTHER DEBRIS RESULTING FROM THIS WORK SHALL BE DISPOSED OF BY THE CONTRACTOR AT HIS EXPENSE OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY.
4. IF PRUNING OF TREE BRANCHES / LIMBS ARE NECESSARY, IT SHALL BE PAID FOR AS "PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE" AND AS APPROVED BY THE ENGINEER.

TOPSOIL

1. TOPSOIL SHALL BE PLACED TO A DEPTH OF SIX (6) INCHES AND BE MEASURED IN SQUARE YARDS.
2. THE CROSS SECTIONS INDICATE THE FINISHED GRADE OF TOPSOIL.
3. TOPSOIL SHALL NOT BE STOCKPILED WITHIN THE LIMITS OF CONSTRUCTION; THE LOCATIONS OF TOPSOIL STOCKPILES WITHIN THE RIGHT-OF-WAY MUST BE APPROVED BY THE ENGINEER.

ROADWAY EXCAVATION

1. ALL EXISTING CULVERTS, STORM SEWERS, OR DRAINAGE STRUCTURES MARKED FOR REMOVAL ON THE PLANS OR DESIGNATED IN THE FIELD BY THE ENGINEER TO BE REMOVED SHALL BE REMOVED AND ANY EXCAVATION SHALL BE BACKFILLED WITH A GRANULAR MATERIAL MEETING THE SPECIFICATIONS FOR FA-1 OR FA-2.
2. THE CONTRACTOR WILL HAVE THE OPTION OF REMOVING EXISTING HOT-MIX ASPHALT PAVEMENT BY GRINDING OR EXCAVATING. IF THE HOT-MIX ASPHALT PAVEMENT IS REMOVED BY EXCAVATION, IT MAY NOT BE USED IN EMBANKMENT AREAS UNLESS SPECIFICALLY AUTHORIZED BY THE ENGINEER. HOT-MIX ASPHALT PAVEMENT REMOVED BY GRINDING MAY BE USED AS EMBANKMENT MATERIAL. NO HOT-MIX ASPHALT PAVEMENT SHALL BE REMOVED IN AREAS TO BE USED FOR TEMPORARY ROADWAY.
3. THE CONTRACTOR SHALL NOT CROSS COMPLETED BASE COURSE OR EXISTING PAVEMENT, NOT SCHEDULED TO BE REMOVED, WITH TRACK EQUIPMENT OR LOADED SCRAPERS.
4. ALL EMBANKMENTS AND SUB-GRADE SHALL BE COMPACTED TO THE SATISFACTION OF THE ENGINEER PRIOR TO PLACING AGGREGATE SUBGRADE OR SUB-BASE GRANULAR MATERIAL.

STORM SEWERS, STRUCTURES, AND UTILITIES

1. THE STATION / OFFSET / ELEVATIONS NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE ADJACENT PROPOSED EDGE OF PAVEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY FOR THE STRUCTURES TO SET THE FRAME AND GRATES IN THE PROPER LOCATION. ALL OTHER STRUCTURES ARE DIMENSIONED TO THE CENTER OF THE STRUCTURE; ELEVATION INDICATES RIM GRADES.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING LOCAL AGENCIES MAINTAINING SANITARY SEWERS, WATERMAINS, AND STREET LIGHTS TO VERIFY THE MATERIALS AND METHODS ALLOWED FOR THE ADJUSTMENT, RELOCATION, OR EXTENSION OF THE UTILITY INVOLVED.
3. THE LOCATION AND ELEVATION OF EXISTING UTILITIES ARE APPROXIMATE AND ARE PROVIDED BY THE OWNERS. THE EXACT LOCATIONS AND ELEVATIONS ARE TO BE VERIFIED BY THE CONTRACTOR THROUGH THE OWNERS OF THE UTILITIES.
4. EMBANKMENTS SHALL BE COMPLETED TO THE SATISFACTION OF THE ENGINEER PRIOR TO EXCAVATION FOR STORM SEWER.
5. MANHOLES AND CATCH BASINS SHALL BE CONSTRUCTED WITH FLAT TOPS WHERE THE DIFFERENCE BETWEEN THE RIM ELEVATION AND INVERT ELEVATION IS LESS THAN SIX (6) FEET.
6. ADJUSTMENT OF STRUCTURES MAINTAINED BY OTHER AGENCIES SHALL BE MADE TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY MAINTAINING THE STRUCTURE INVOLVED.
7. ALL MANHOLES AND INLETS SHALL HAVE POURED INVERTS.
8. ALL FIELD TILES ENCOUNTERED SHALL BE CAREFULLY PRESERVED AND CONNECTED TO PROPOSED DRAINAGE STRUCTURES, SEWERS, OR DITCHES, AS DIRECTED BY THE ENGINEER.

9. TRENCHES CROSSING TRAFFIC LANES MAY BE TEMPORARILY PATCHED WITH NOT LESS THAN FOUR (4) INCHES HMA. THE TEMPORARY PATCH SHALL BE MAINTAINED TO THE SATISFACTION OF THE ENGINEER UNTIL THE PERMANENT PATCH IS COMPLETED.

TRENCH BACKFILL

1. WHERE TRENCH BACKFILL IS REQUIRED, THE MATERIAL USED SHALL BE COMPACTED AS SPECIFIED IN ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS USING METHOD ONE.

HOT-MIX ASPHALT SURFACE AND HOT-MIX ASPHALT BASE COURSE

1. HOT-MIX ASPHALT SURFACE COURSE SHALL NOT BE PLACED UNTIL ALL EARTH EXCAVATION AND TOPSOIL PLACEMENT HAVE BEEN COMPLETED TO THE SATISFACTION OF THE ENGINEER.
2. SAWCUT CONSTRUCTION JOINTS SHALL BE PROVIDED AT PAVED COMMERCIAL OR PRIVATE ENTRANCES AND AT ALL SIDE ROADS.
3. HOT-MIX ASPHALT BASE COURSE SHALL NOT BE PLACED ADJACENT TO CURB AND GUTTER UNTIL THE CURB AND GUTTER HAS BEEN BACKFILLED TO THE SATISFACTION OF THE ENGINEER.

**DUPAGE TRAFFIC CONTROL AND PROTECTION NOTES:**

1. TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE TRAFFIC CONTROL PLAN, TRAFFIC SIGNAL PLANS, THESE NOTES, APPLICABLE SPECIAL PROVISIONS, AND SECTION 701 OF THE STANDARD SPECIFICATIONS AS AMENDED BY THE SPECIAL PROVISION FOR WORK ZONE TRAFFIC CONTROL (CHECK SHEET LRS 3).
2. THE TYPE III BARRICADES ARE TO BE PLACED IN ACCORDANCE WITH STANDARD 701901 UNLESS AUTHORIZED BY THE ENGINEER TO USE AN ALTERNATE ARRANGEMENT.
3. EXISTING TRAFFIC CONTROL SIGNS AND DEVICES MAY BE REMOVED BY THE DUPAGE COUNTY DIVISION OF TRANSPORTATION AFTER THE TRAFFIC CONTROL REQUIREMENTS ARE MET OR AS AUTHORIZED BY THE ENGINEER; ANY SIGNS OR DEVICES LEFT IN PLACE AT THIS TIME ARE TO BE RELOCATED, MAINTAINED AND PROTECTED FROM DAMAGE BY THE CONTRACTOR AND ANY DAMAGED OR LOST SIGNS WILL BE REPLACED BY THE CONTRACTOR.
4. TYPE I OR TYPE II BARRICADES, DRUMS, OR VERTICAL PANELS WITH MONODIRECTIONAL STEADY-BURN LIGHTS SHALL BE REQUIRED ALONG TEMPORARY ROADS, DETOURS, AND SIDE STREETS TO DELINEATE THE TRAVELED WAY WITHIN THE CONSTRUCTION ZONE. THE MAXIMUM SPACING FOR THESE DEVICES SHALL BE 100 FEET CENTER TO CENTER.
5. ANY DROP OFF GREATER THAN THREE (3) INCHES WITHIN SIXTEEN (16) FEET OF A TRAVEL LANE SHALL BE PROTECTED BY TYPE I OR TYPE II BARRICADES, DRUMS OR VERTICAL PANELS WITH MONODIRECTIONAL STEADY-BURN LIGHTS AT 50 FOOT (MAXIMUM) CENTER TO CENTER SPACING. IF THE DROP OFF IS GREATER THAN TWENTY-FOUR (24) INCHES AND EXISTS FOR LONGER THAN 24 HOURS, IT SHALL BE PROTECTED BY TEMPORARY CONCRETE BARRIER. TEMPORARY CONCRETE BARRIER SHALL USE TYPE C REFLECTORS AND SHALL FOLLOW IDOT HIGHWAY STANDARD FOR REFLECTOR SPACING AND DIRECTIONAL TYPE. THE CONTRACTOR SHALL SCHEDULE HIS WORK AND OPERATIONS SUCH THAT A DROP OFF OF GREATER THAN 24 INCHES DOES NOT REMAIN WITHIN SIXTEEN FEET OF A TRAVEL LANE FOR MORE THAN 24 HOURS. THE CONTRACTOR MAY PLACE COMPACTED EXCAVATED MATERIAL, AGGREGATE, OR OTHER MATERIAL IN THE DROP OFF TO SATISFY THIS REQUIREMENT. THE PLANS INDICATE AREAS (IF ANY) IN WHICH THE DEPARTMENT EXPECTS THAT TEMPORARY CONCRETE BARRIER WILL BE REQUIRED FOR A DROP OFF OF GREATER THAN 24 INCHES TO REMAIN FOR MORE THAN 24 HOURS.
6. BARRICADES THAT MUST BE PLACED IN EXCAVATED AREAS SHALL HAVE LEG EXTENSIONS INSTALLED SUCH THAT THE TOP OF THE BARRICADE IS IN COMPLIANCE WITH THE HEIGHT REQUIREMENTS OF STANDARD 701901.
7. TYPE I, II AND / OR III BARRICADES WITH FLASHING LIGHTS USED WITHIN CONSTRUCTION AREAS SHALL FOLLOW ARTICLE 701.16 OF THE SSRBC.
8. WHERE REQUIRED, TRAFFIC SIGNS SHALL BE RELOCATED FOR EACH STAGE OF CONSTRUCTION.
9. ARROW BOARDS WILL BE REQUIRED WHEN IMPLEMENTING ALL LANE CLOSURES.
10. PRIOR TO THE START OF CONSTRUCTION, REQUIRED TRAFFIC CONTROL DEVICES SHALL BE IN PLACE.

FILE NAME = N:\DUPAGE COUNTY DOT\230127\Traffic03	USER NAME = fbariso	DESIGNED - BC	REVISED - ____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DUPAGE GENERAL NOTES AND DUPAGE TRAFFIC CONTROL AND PROTECTION NOTES	F.A.U. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	Dupage Notes-230127.dgn	DRAWN - FPB	REVISED - ____			1518	20-00288-05-TL	DUPAGE	87	3	
	PLOT SCALE = 48'	CHECKED - EAJ	REVISED - ____			CONTRACT NO. 61M40					
	PLOT DATE = 3/31/2026	DATE - 3/31/2026	REVISED - ____	SCALE: 1" = 40'	SHEET NO. ____ OF ____ SHEETS	STA. _____ TO STA. _____	FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				

# SUMMARY OF QUANTITIES

SPECIALTY ITEM	CODE PAY ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE		
					SAFETY 0021 90% FED / 10% LOCAL	TRAINEES 0042 90% FED / 10% LOCAL	NON-PARTICIPATING 100% LOCAL
Δ	20101100	TREE TRUNK PROTECTION	EACH	1	1		
Δ	20101200	TREE ROOT PRUNING	EACH	1	1		
Δ	20200100	EARTH EXCAVATION	CU YD	70	70		
Δ	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	10	10		
Δ	21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	427	427		
Δ	25000210	SEEDING, CLASS 2A	ACRE	0.25	0.25		
Δ	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	8	8		
Δ	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	8	8		
Δ	25100630	EROSION CONTROL BLANKET	SQ YD	427	427		
Δ	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	9	8.81		
Δ	28000510	INLET FILTERS	EACH	10	10		
Δ	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	546	546		
Δ	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	155	155		
Δ	40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	29	29		
Δ	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	4908	4908		

# SUMMARY OF QUANTITIES

SPECIALTY ITEM	CODE PAY ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE		
					SAFETY 0021 90% FED / 10% LOCAL	TRAINEES 0042 90% FED / 10% LOCAL	NON-PARTICIPATING 100% LOCAL
Δ	42400800	DETECTABLE WARNINGS	SQ FT	374	374		
Δ	44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	342	342		
Δ	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	632	632		
Δ	44000600	SIDEWALK REMOVAL	SQ FT	4732	4732		
Δ	60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	4	4		
Δ	60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	1	1		
Δ	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	632	632		
	67100100	MOBILIZATION	L SUM	1	1		
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1		
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1		
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	14	14		
Δ	72000100	SIGN PANEL - TYPE 1	SQ FT	225	225		
Δ	72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	99	99		
Δ	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	33	33		
Δ	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	310	310		

# SUMMARY OF QUANTITIES

SPECIALTY ITEM	CODE PAY ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE		
					SAFETY 0021 90% FED / 10% LOCAL	TRAINEES 0042 90% FED / 10% LOCAL	NON-PARTICIPATING 100% LOCAL
Δ	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	3991	3991		
Δ	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1754	1754		
Δ	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2401	2401		
Δ	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	639	639		
Δ	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	5623	5623		
	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	833	833		
	81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	34	34		
	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	235	235		
	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	2057	2057		
	81400100	HANDHOLE	EACH	6	6		
	81400300	DOUBLE HANDHOLE	EACH	6	6		
	81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	3538	3538		
	83008600	LIGHT POLE, ALUMINUM, 40 FT. M.H., 15 FT. MAST ARM	EACH	1	1		
	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	3	3		
	86400100	TRANSCEIVER - FIBER OPTIC	EACH	2	2		

# SUMMARY OF QUANTITIES

SPECIALTY ITEM	CODE PAY ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE		
					SAFETY 0021 90% FED / 10% LOCAL	TRAINEES 0042 90% FED / 10% LOCAL	NON-PARTICIPATING 100% LOCAL
	87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	4568	4568		
	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	4727	4727		
	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	7629	7629		
	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	13935	13935		
	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	875	875		
	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	534	534		
	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	4486	4486		
	87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	10	10		
	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	9	9		
	87700180	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1	1		
	87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1	1		
	87702280	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 22 FT. AND 40 FT.	EACH	1	1		
	87702870	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 28 FT.	EACH	1	1		
	87702890	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 32 FT.	EACH	2	2		
	87702940	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	3	3		

# SUMMARY OF QUANTITIES

SPECIALTY ITEM	CODE PAY ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE		
					SAFETY 0021 90% FED / 10% LOCAL	TRAINEES 0042 90% FED / 10% LOCAL	NON-PARTICIPATING 100% LOCAL
	87702960	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT.	EACH	1	1		
	87702980	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH	1	1		
	87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1	1		
	87703230	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 60 FT. AND 28 FT.	EACH	1	1		
	87704304	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 18 FT. AND 34 FT.	EACH	1	1		
	87704405	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 34 FT. AND 55 FT.	EACH	1	1		
	87704490	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 44 FT. AND 50 FT.	EACH	1	1		
	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	116	116		
	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	16	16		
	87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	22	22		
	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	216	216		
	87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	22	22		
	87900200	DRILL EXISTING HANDHOLE	EACH	6	6		
	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	33	33		
	88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	8	8		

# SUMMARY OF QUANTITIES

SPECIALTY ITEM	CODE PAY ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE		
					SAFETY 0021 90% FED / 10% LOCAL	TRAINEES 0042 90% FED / 10% LOCAL	NON-PARTICIPATING 100% LOCAL
	88030070	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	9	9		
	88030080	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	21	21		
	88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2	2		
	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	1	1		
	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	26	26		
	88500100	INDUCTIVE LOOP DETECTOR	EACH	2	2		
	88600100	DETECTOR LOOP, TYPE I	FOOT	103	103		
	88700200	LIGHT DETECTOR	EACH	17			17
	88700300	LIGHT DETECTOR AMPLIFIER	EACH	5			5
	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	4	4		
	89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	2	2		
	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	9281	9281		
	89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	1913	1913		
	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	5	5		
	89502376	REBUILD EXISTING HANDHOLE	EACH	2	2		

# SUMMARY OF QUANTITIES

SPECIALTY ITEM	CODE PAY ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE		
					SAFETY 0021 90% FED / 10% LOCAL	TRAINEES 0042 90% FED / 10% LOCAL	NON-PARTICIPATING 100% LOCAL
	89502380	REMOVE EXISTING HANDHOLE	EACH	23	23		
	89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	4	4		
	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	39	39		
Δ	K1004595	PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE	L SUM	1	1		
	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	3364			3364
	X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	4024	4024		
	X0327211	RELOCATE SWITCH	EACH	4	4		
	X0327698	LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	16	16		
	X1400102	OUTDOOR RATED NETWORK CABLE	FOOT	852	852		
	X1400144	UNINTERRUPTABLE POWER SUPPLY AND CABINET, SPECIAL	EACH	4	4		
	X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	4	4		
	X1400217	TERMINATE FIBER IN CABINET	EACH	78	78		
	X1400238	LUMINAIRE, LED, SPECIAL	EACH	14	14		
	X1400424	ELECTRIC CABLE IN CONDUIT, STREET NAME SIGN, NO. 14 3C, TYPE SOOW	FOOT	2942	2942		
Δ	X6040171	GRATES (SPECIAL)	EACH	2	2		

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES  
(SHEET 7 OF 9)**

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	10
CONTRACT NO. 61M40				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

# SUMMARY OF QUANTITIES

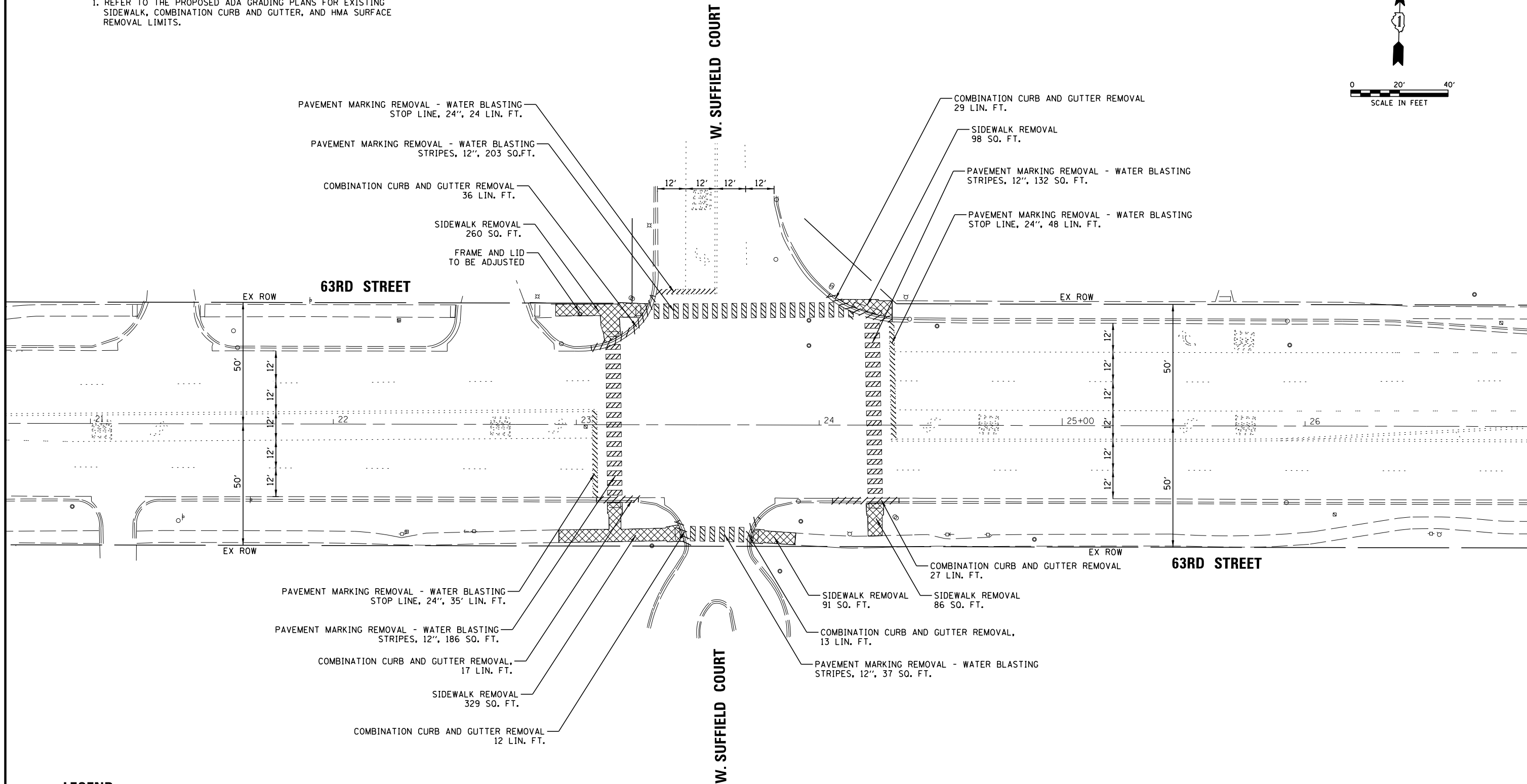
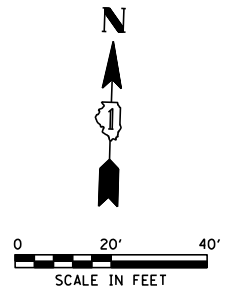
SPECIALTY ITEM	CODE PAY ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE		
					SAFETY 0021 90% FED / 10% LOCAL	TRAINEES 0042 90% FED / 10% LOCAL	NON-PARTICIPATING 100% LOCAL
	X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	383	383		
	X8100105	CONDUIT SPLICE	EACH	2	2		
	X8100863	INTERCEPT EXISTING CONDUIT	EACH	1	1		
	X8510850	PAINT NEW COMBINATION MAST ARM AND POLE, (SPECIAL)	EACH	3	3		
	X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET (SPECIAL)	EACH	4	4		
	X8710030	FIBER OPTIC CABLE 48 FIBERS, SINGLE MODE	FOOT	4614	4614		
	X8710317	SPLICE FIBER IN CABINET	EACH	18	18		
	X8760055	PEDESTRIAN PUSH-BUTTON POST, TYPE A	EACH	6	6		
	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	34	34		
	X8809005	LED SIGNAL FACE, LENS COVER	EACH	85	85		
	X8820014	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC, SPECIAL	EACH	83	83		
	X8900104	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	4	4		
	X8950114	MODIFY EXISTING CONTROLLER AND CABINET	EACH	1	1		
	XX005206	EXPLORATORY EXCAVATION	FOOT	25	25		
	XX005723	VIDEO DETECTION SYSTEM COMPLETE INTERSECTION	EACH	4	4		

## SUMMARY OF QUANTITIES





SPECIALTY ITEM	CODE PAY ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE		
					SAFETY 0021 90% FED / 10% LOCAL	TRAINEES 0042 90% FED / 10% LOCAL	NON-PARTICIPATING 100% LOCAL
	XX005940	REMOTE CONTROLLED VIDEO SYSTEM	EACH	2	2		
	XX008132	RELOCATE EXISTING REMOTE-CONTROLLED VIDEO SYSTEM	EACH	2	2		
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
	Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	14	14		
	Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	6	6		
	Z0076600	TRAINEES	HOUR	1000		1000	
	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1000		1000	

**NOTE:**

1. REFER TO THE PROPOSED ADA GRADING PLANS FOR EXISTING SIDEWALK, COMBINATION CURB AND GUTTER, AND HMA SURFACE REMOVAL LIMITS.



**LEGEND:**

-  SIDEWALK REMOVAL
-  COMBINATION CURB AND GUTTER REMOVAL
-  PAVEMENT MARKING REMOVAL - WATER BLASTING
-  INLET FILTERS

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

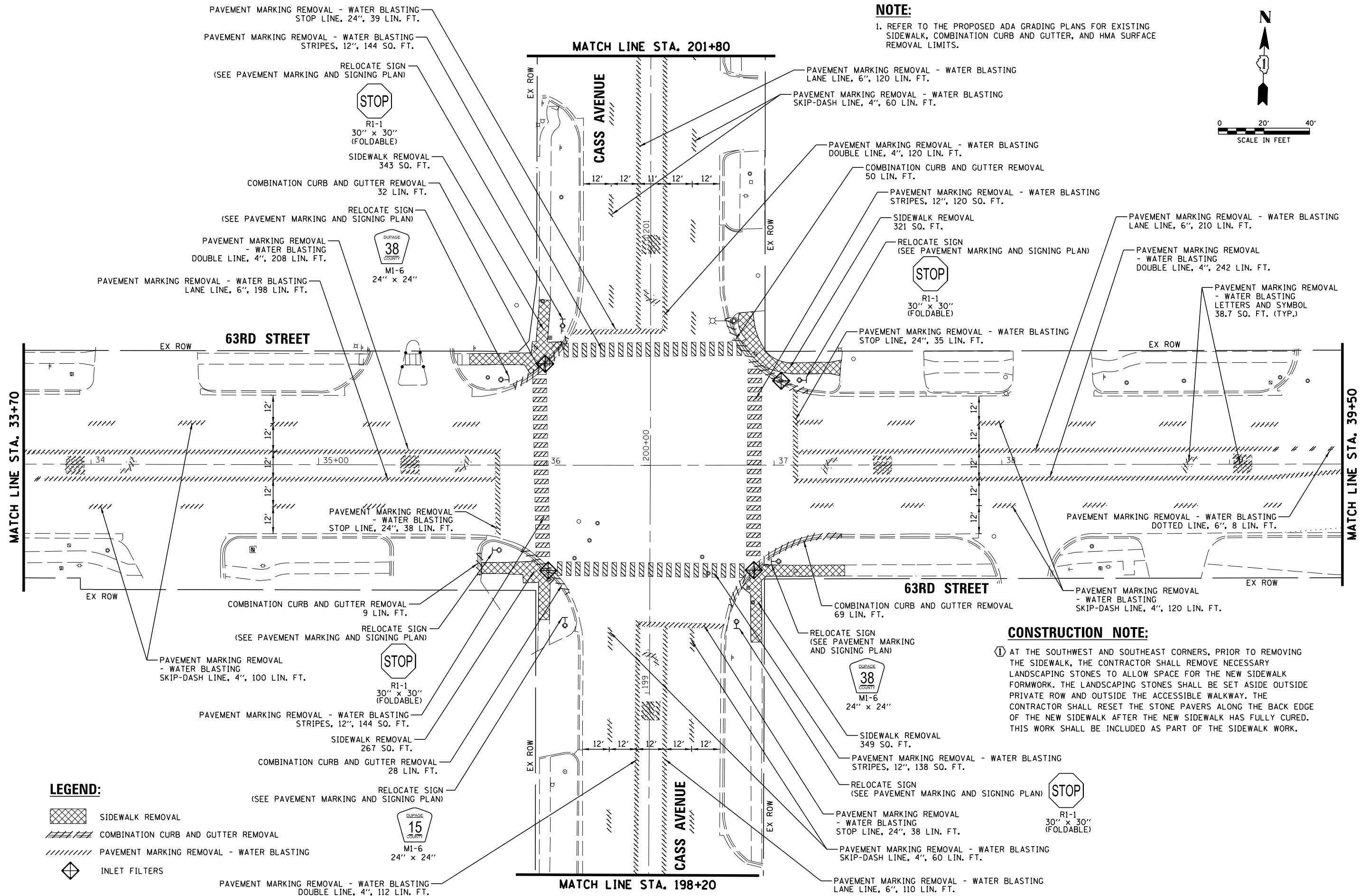
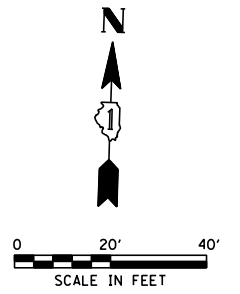
**EXISTING CONDITIONS REMOVAL PLAN  
63RD STREET AND W. SUFFIELD COURT**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	13
<b>CONTRACT NO. 61M40</b>				
FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT				

**NOTE:**

1. REFER TO THE PROPOSED ADA GRADING PLANS FOR EXISTING SIDEWALK, COMBINATION CURB AND GUTTER, AND HMA SURFACE REMOVAL LIMITS.



**CONSTRUCTION NOTE:**

① AT THE SOUTHWEST AND SOUTHEAST CORNERS, PRIOR TO REMOVING THE SIDEWALK, THE CONTRACTOR SHALL REMOVE NECESSARY LANDSCAPING STONES TO ALLOW SPACE FOR THE NEW SIDEWALK FORMWORK. THE LANDSCAPING STONES SHALL BE SET ASIDE OUTSIDE PRIVATE ROW AND OUTSIDE THE ACCESSIBLE WALKWAY. THE CONTRACTOR SHALL RESET THE STONE PAVERS ALONG THE BACK EDGE OF THE NEW SIDEWALK AFTER THE NEW SIDEWALK HAS FULLY CURED. THIS WORK SHALL BE INCLUDED AS PART OF THE SIDEWALK WORK.

**LEGEND:**

- SIDEWALK REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- PAVEMENT MARKING REMOVAL - WATER BLASTING
- INLET FILTERS

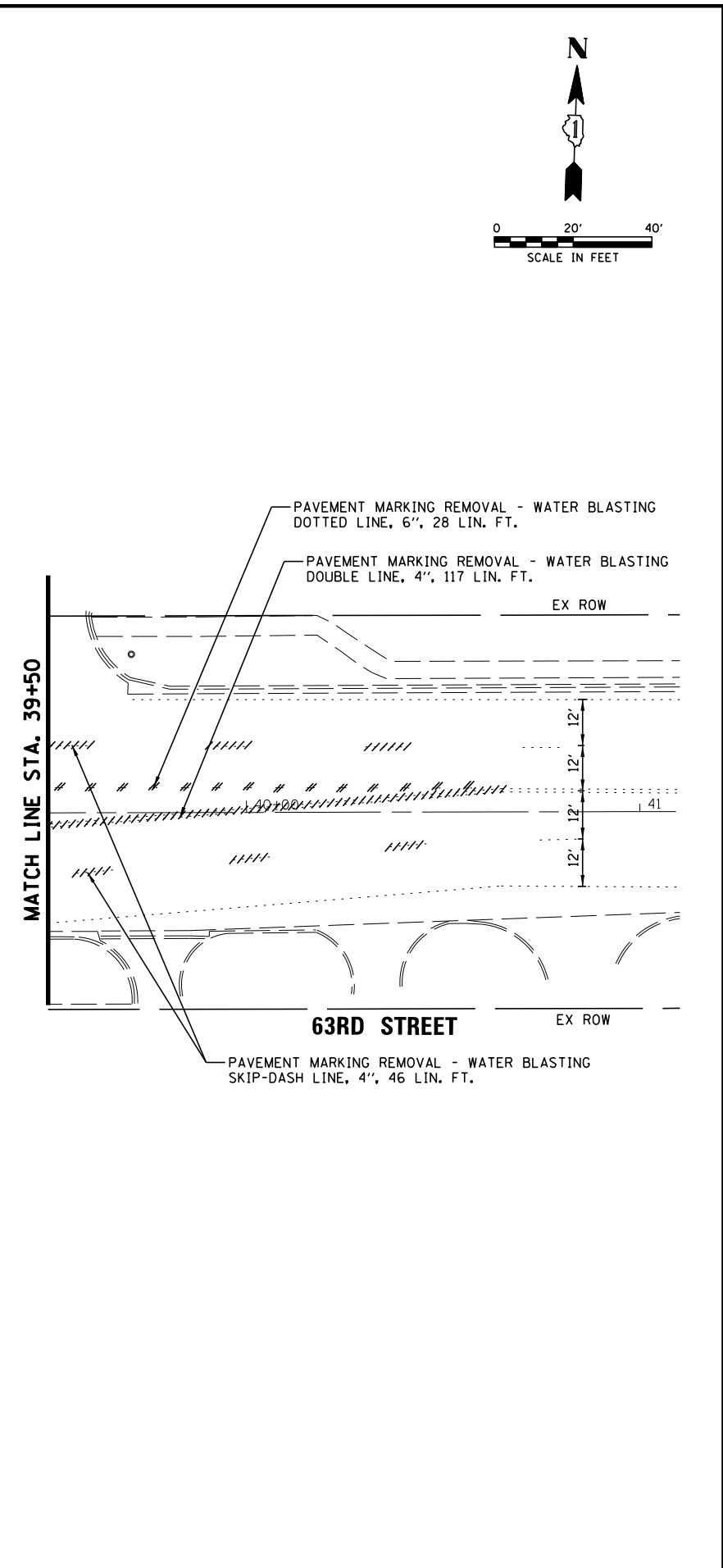
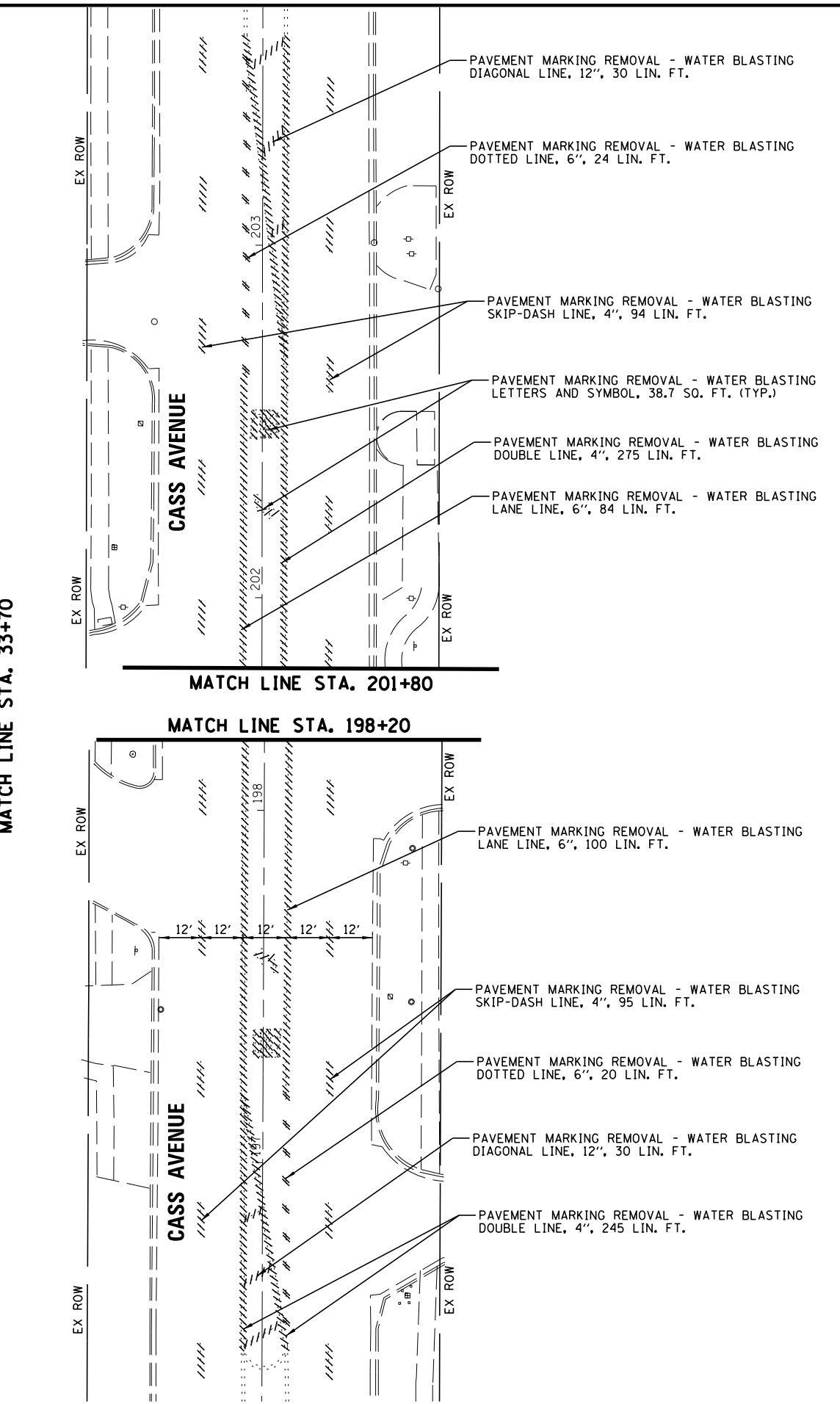
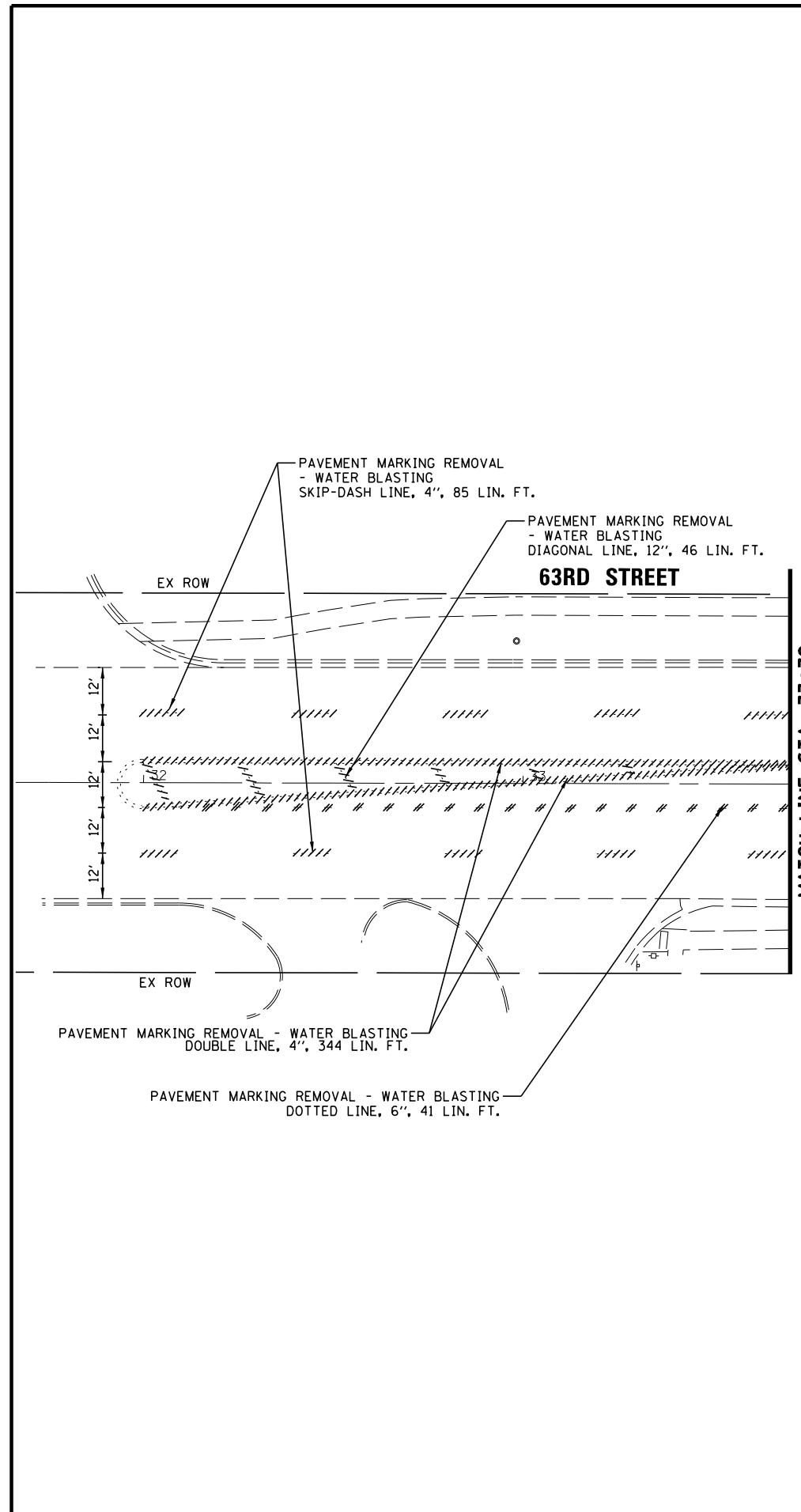
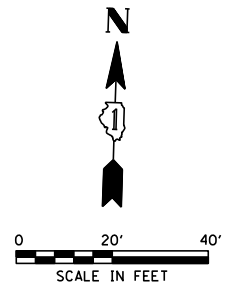
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		DATE - 3/31/2026	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITIONS REMOVAL PLAN  
(SHEET 1 OF 2)  
63RD STREET AND CASS AVENUE**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	14
CONTRACT NO. 61M40				
FED. ROAD DIST. NO.   ILLINOIS FED. AID PROJECT				



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		DATE - 3/31/2026	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITIONS REMOVAL PLAN  
(SHEET 2 OF 2)  
63RD STREET AND CASS AVENUE**

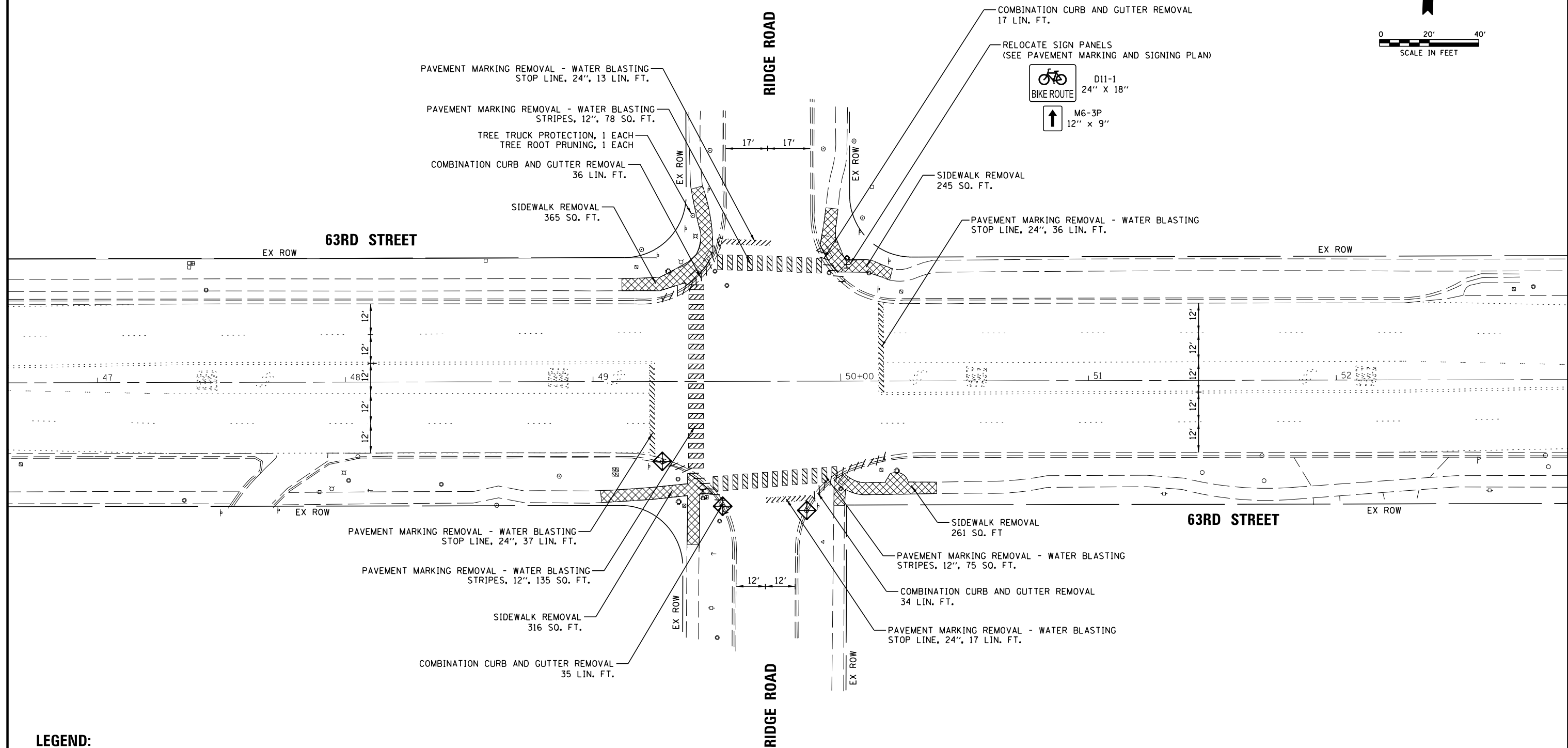
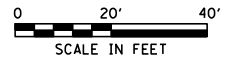
SCALE: 1" = 40'

SHEET NO.	OF SHEETS	STA.	TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	15
CONTRACT NO. 61M40				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

**NOTE:**

1. REFER TO THE PROPOSED ADA GRADING PLANS FOR EXISTING SIDEWALK, COMBINATION CURB AND GUTTER, AND HMA SURFACE REMOVAL LIMITS.



**LEGEND:**

- SIDEWALK REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- PAVEMENT MARKING REMOVAL - WATER BLASTING
- INLET FILTERS

FILE NAME =	USER NAME = fbariso	DESIGNED - BC	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

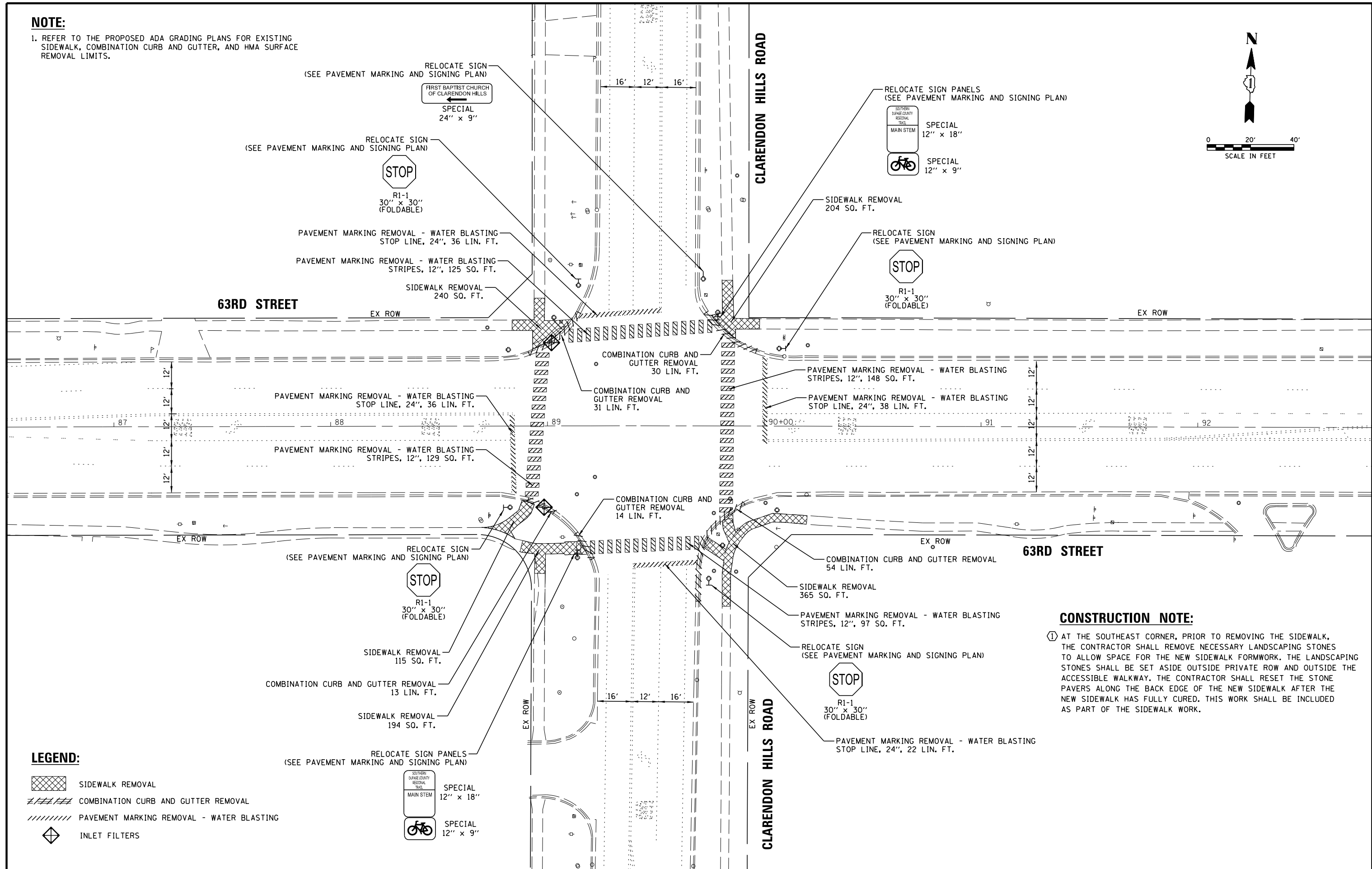
**EXISTING CONDITIONS REMOVAL PLAN  
63RD STREET AND RIDGE ROAD**

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





F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	16
CONTRACT NO. 61M40				
FED. ROAD DIST. NO.      ILLINOIS FED. AID PROJECT				

**NOTE:**

1. REFER TO THE PROPOSED ADA GRADING PLANS FOR EXISTING SIDEWALK, COMBINATION CURB AND GUTTER, AND HMA SURFACE REMOVAL LIMITS.



**LEGEND:**

-  SIDEWALK REMOVAL
-  COMBINATION CURB AND GUTTER REMOVAL
-  PAVEMENT MARKING REMOVAL - WATER BLASTING
-  INLET FILTERS

**CONSTRUCTION NOTE:**

① AT THE SOUTHEAST CORNER, PRIOR TO REMOVING THE SIDEWALK, THE CONTRACTOR SHALL REMOVE NECESSARY LANDSCAPING STONES TO ALLOW SPACE FOR THE NEW SIDEWALK FORMWORK. THE LANDSCAPING STONES SHALL BE SET ASIDE OUTSIDE PRIVATE ROW AND OUTSIDE THE ACCESSIBLE WALKWAY. THE CONTRACTOR SHALL RESET THE STONE PAVERS ALONG THE BACK EDGE OF THE NEW SIDEWALK AFTER THE NEW SIDEWALK HAS FULLY CURED. THIS WORK SHALL BE INCLUDED AS PART OF THE SIDEWALK WORK.

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

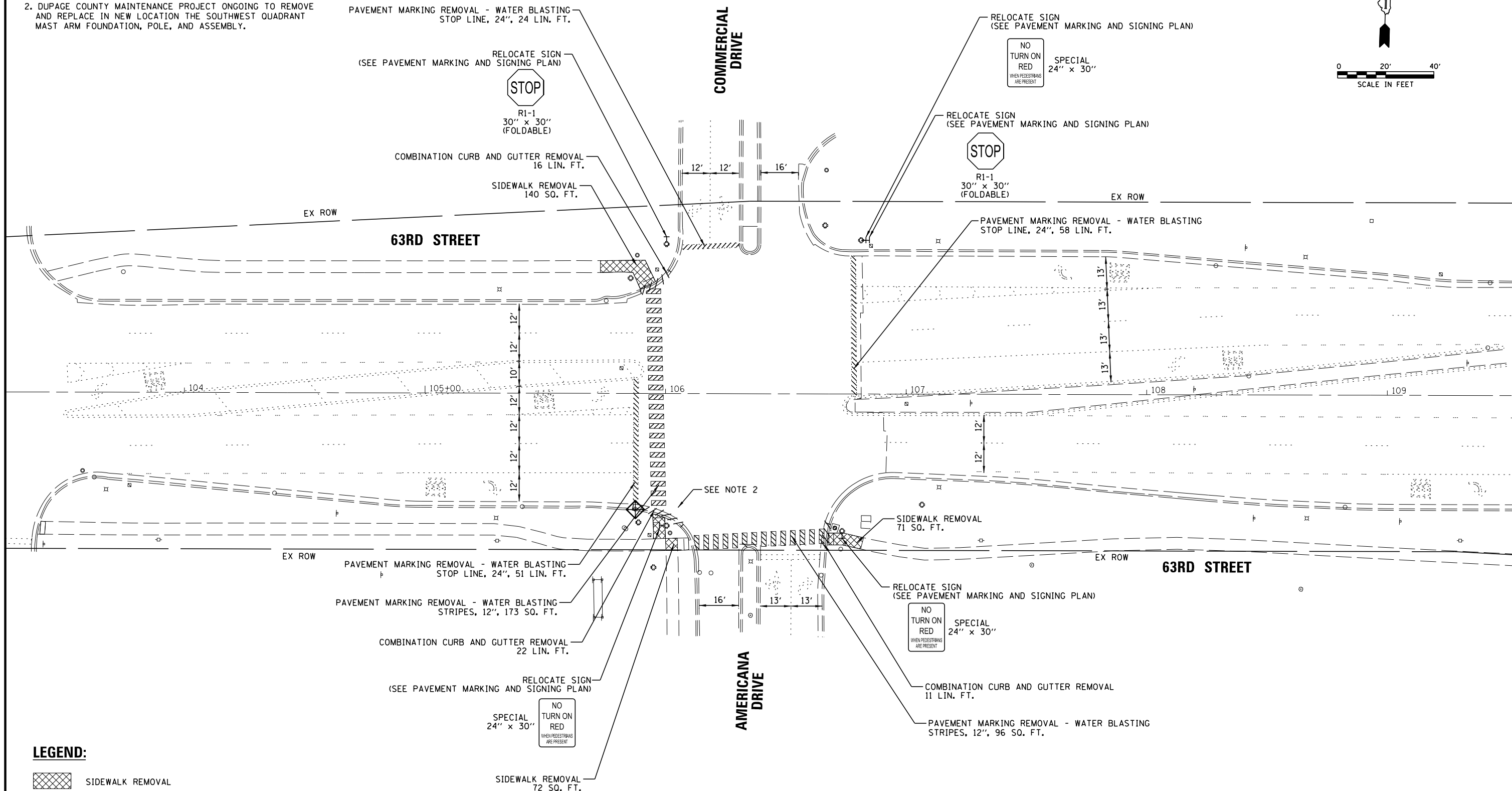
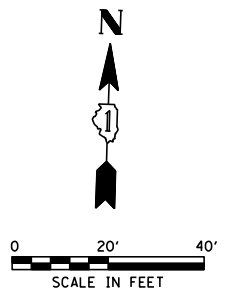
EXISTING CONDITIONS REMOVAL PLAN  
63RD STREET AND CLARENDON HILLS ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	17
CONTRACT NO. 61M40				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

**NOTE:**

- REFER TO THE PROPOSED ADA GRADING PLANS FOR EXISTING SIDEWALK, COMBINATION CURB AND GUTTER, AND HMA SURFACE REMOVAL LIMITS.
- DUPAGE COUNTY MAINTENANCE PROJECT ONGOING TO REMOVE AND REPLACE IN NEW LOCATION THE SOUTHWEST QUADRANT MAST ARM FOUNDATION, POLE, AND ASSEMBLY.



**LEGEND:**

- SIDEWALK REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- PAVEMENT MARKING REMOVAL - WATER BLASTING
- INLET FILTERS

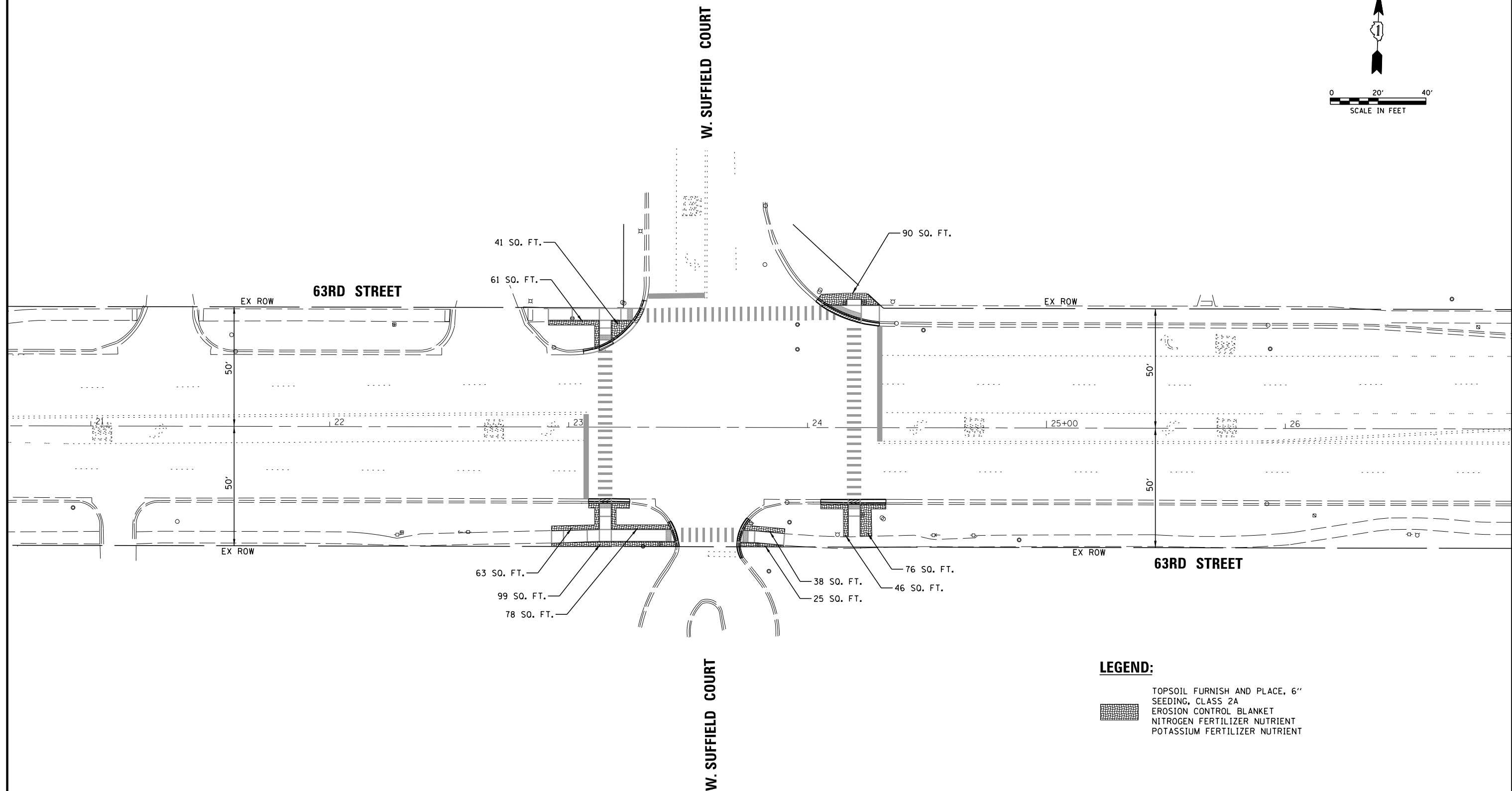
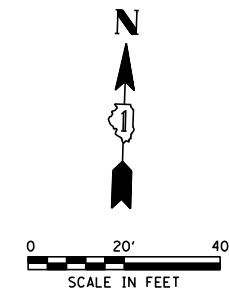
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING CONDITIONS REMOVAL PLAN  
63RD STREET AND AMERICANA DRIVE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	18
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61M40	



**LEGEND:**

- TOPSOIL FURNISH AND PLACE, 6"
- SEEDING, CLASS 2A
- EROSION CONTROL BLANKET
- NITROGEN FERTILIZER NUTRIENT
- POTASSIUM FERTILIZER NUTRIENT

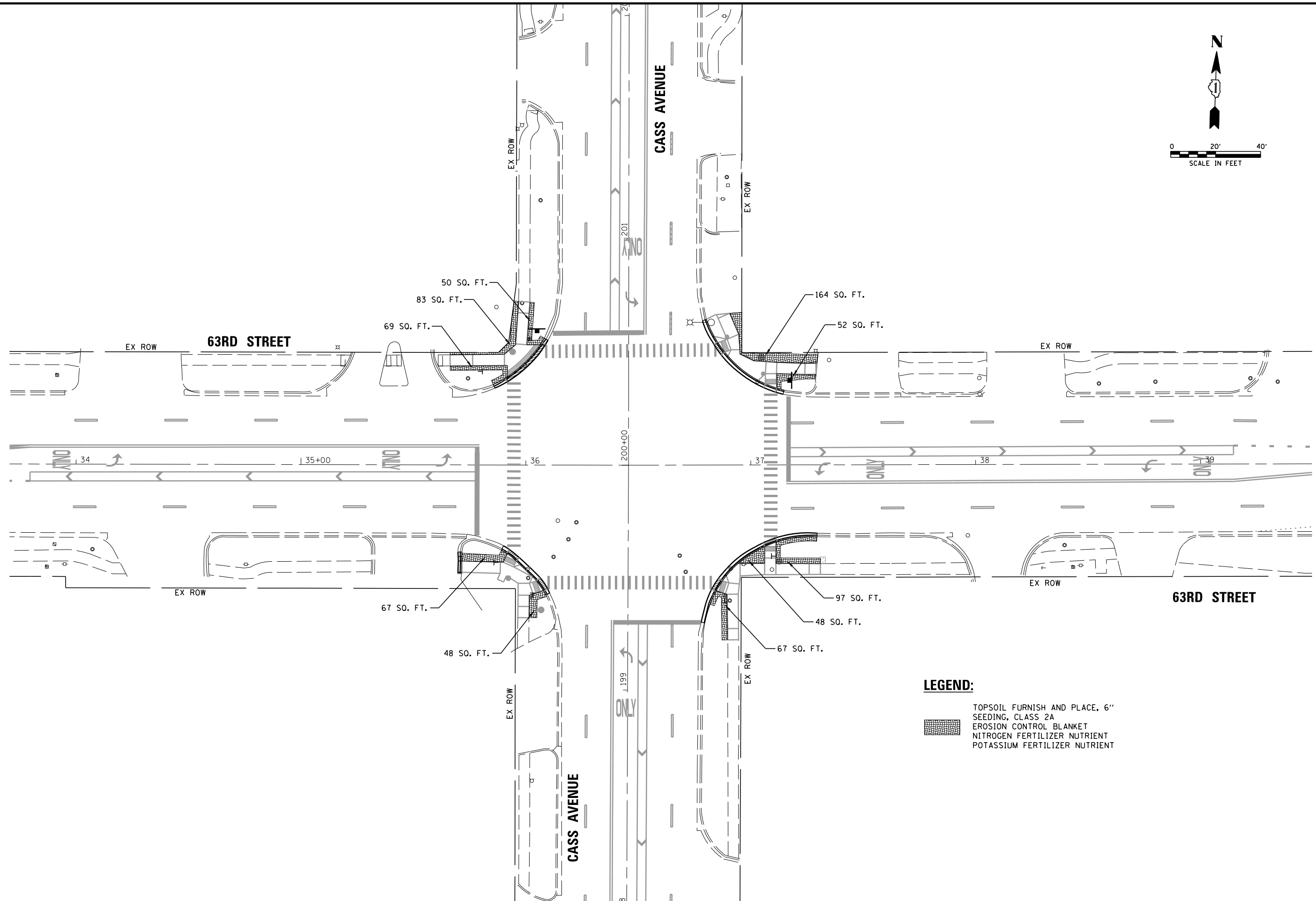
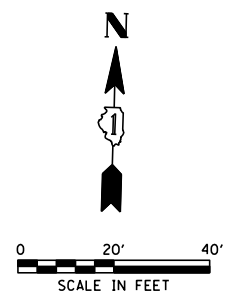
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	PLOT DATE = 3/31/2026	DATE - 3/31/2026	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SEEDING AND EROSION CONTROL PLAN  
63RD STREET AND W. SUFFIELD COURT**

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

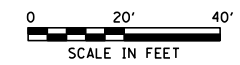
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	19
FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT			<b>CONTRACT NO. 61M40</b>	



**LEGEND:**

- TOPSOIL FURNISH AND PLACE, 6"
- SEEDING, CLASS 2A
- EROSION CONTROL BLANKET
- NITROGEN FERTILIZER NUTRIENT
- POTASSIUM FERTILIZER NUTRIENT

FILE NAME =	USER NAME = fbariso	DESIGNED - BC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SEEDING AND EROSION CONTROL PLAN 63RD STREET AND CASS AVENUE</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\DUPAGE COUNTY DOT\230127\Traffic\CA	S_Sht0_ERO.dgn	DRAWN - FPB	REVISED -			1518	20-00288-05-TL	DUPAGE	87	20	
	PLOT SCALE = 48'	CHECKED - EAJ	REVISED -			<b>CONTRACT NO. 61M40</b>					
	PLOT DATE = 3/31/2026	DATE - 3/31/2026	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
					SCALE: 1" = 40'		SHEET NO. OF SHEETS		STA. TO STA.		

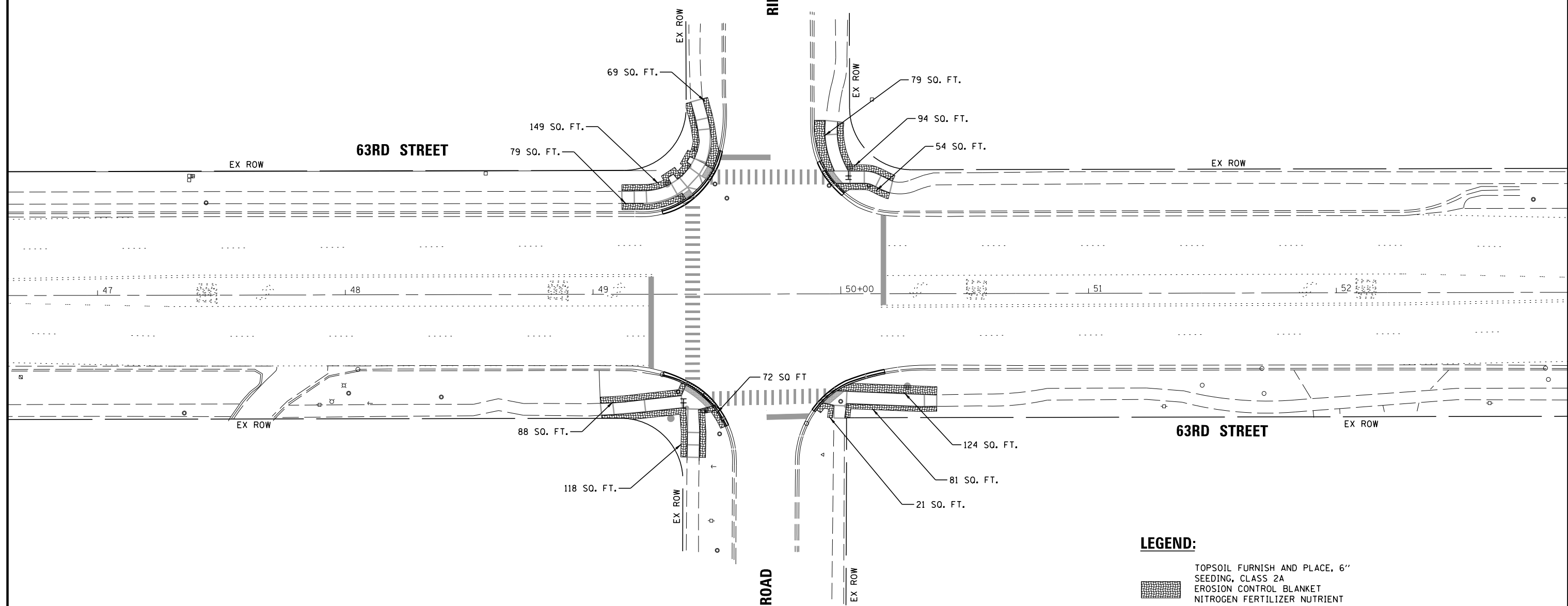


RIDGE ROAD

RIDGE ROAD

63RD STREET

63RD STREET



**LEGEND:**

- TOPSOIL FURNISH AND PLACE, 6"
- SEEDING, CLASS 2A
- EROSION CONTROL BLANKET
- NITROGEN FERTILIZER NUTRIENT
- POTASSIUM FERTILIZER NUTRIENT

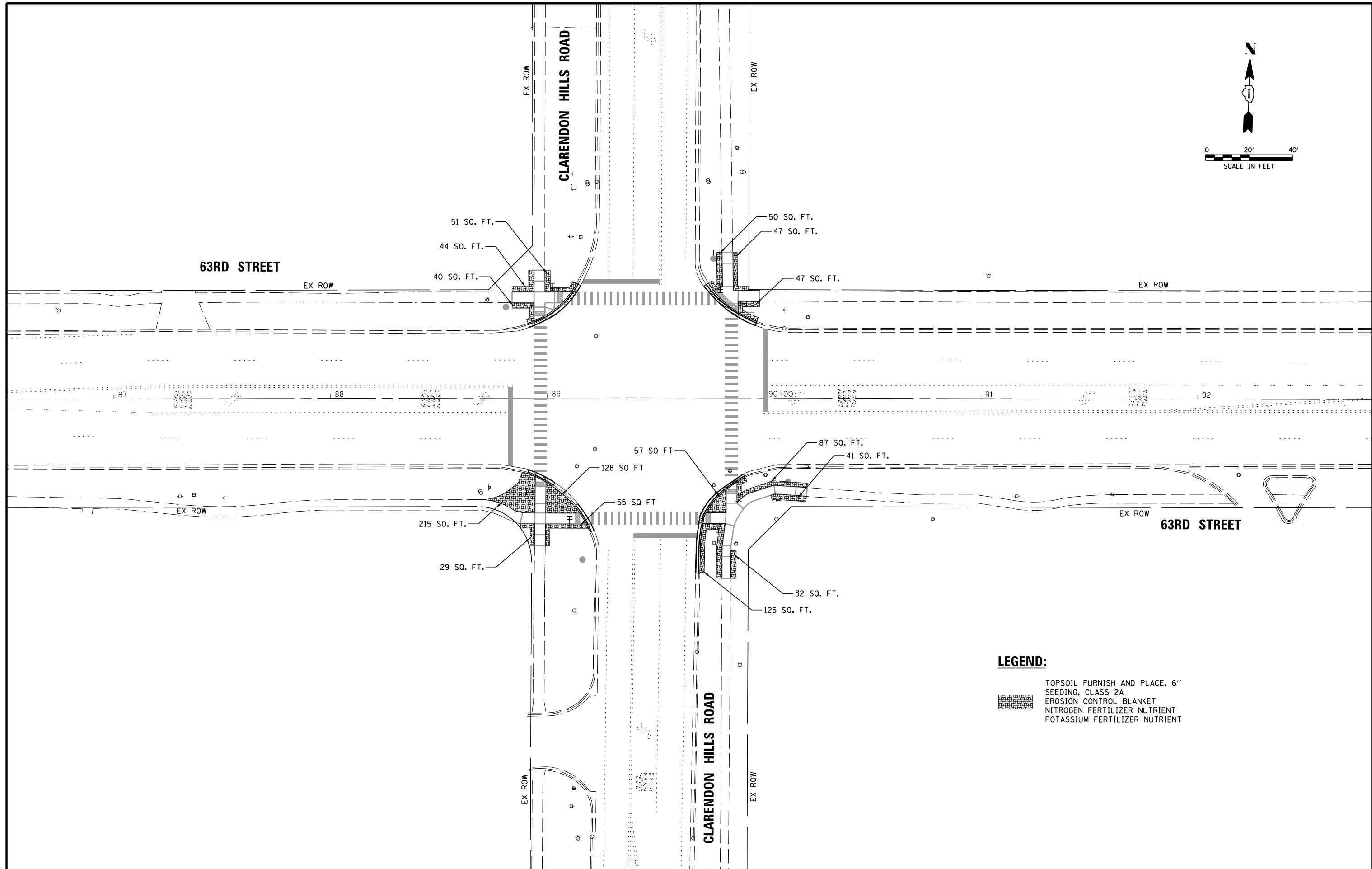
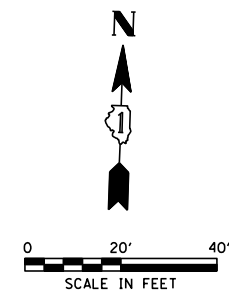
FILE NAME =	USER NAME = bchavez	DESIGNED - BC	REVISED -
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	PLOT SCALE = 48'	CHECKED - EAJ	REVISED -
	PLOT DATE = 3/31/2026	DATE - 3/31/2026	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SEEDING AND EROSION CONTROL PLAN  
63RD STREET AND RIDGE ROAD**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	21
<b>CONTRACT NO. 61M40</b>				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**LEGEND:**

- TOPSOIL FURNISH AND PLACE, 6"
- SEEDING, CLASS 2A
- EROSION CONTROL BLANKET
- NITROGEN FERTILIZER NUTRIENT
- POTASSIUM FERTILIZER NUTRIENT

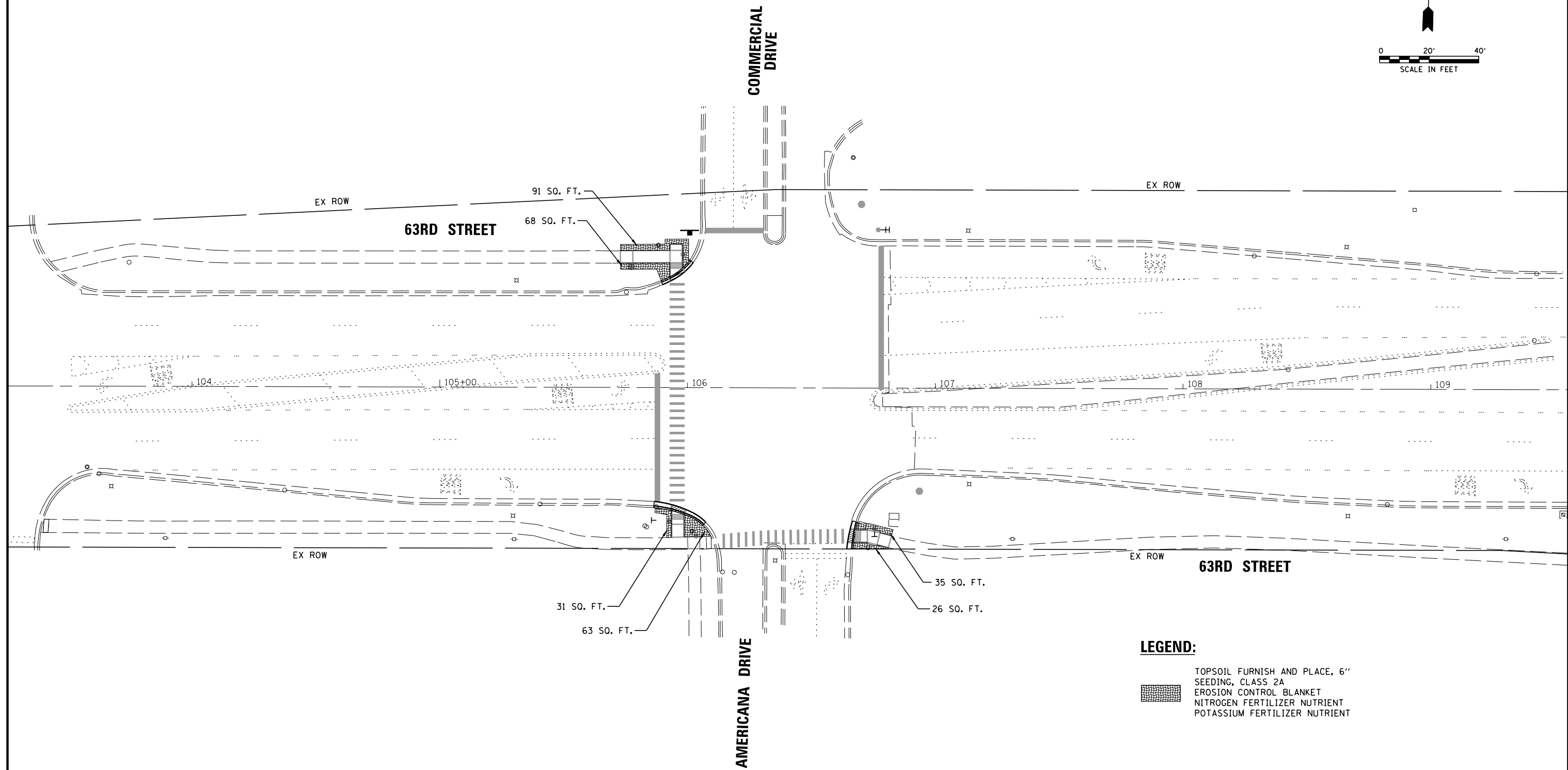
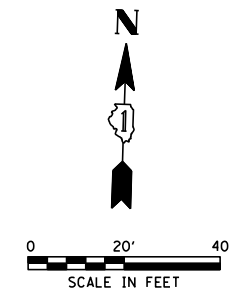
FILE NAME =	USER NAME = bchavez	DESIGNED - BC	REVISED -
N:\DUPAGE COUNTY DOT\230127\Traffic\CLARENDON_Sht0_ERO.dgn		DRAWN - FPB	REVISED -
	PLOT SCALE = 48'	CHECKED - EAJ	REVISED -
	PLOT DATE = 3/31/2026	DATE - 3/31/2026	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SEEDING AND EROSION CONTROL PLAN  
63RD STREET AND CLARENDON HILLS ROAD**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	22
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61M40	



- LEGEND:**
- TOPSOIL FURNISH AND PLACE, 6"
  - SEEDING, CLASS 2A
  - EROSION CONTROL BLANKET
  - NITROGEN FERTILIZER NUTRIENT
  - POTASSIUM FERTILIZER NUTRIENT

FILE NAME =	USER NAME = fbariso	DESIGNED - BC	REVISED -
N:\DUPAGE COUNTY DOT\230127\Traffic\AMERICANA_Sht0_ERO.dgn		DRAWN - FPB	REVISED -
	PLOT SCALE = 48'	CHECKED - EAJ	REVISED -
	PLOT DATE = 3/31/2026	DATE - 3/31/2026	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

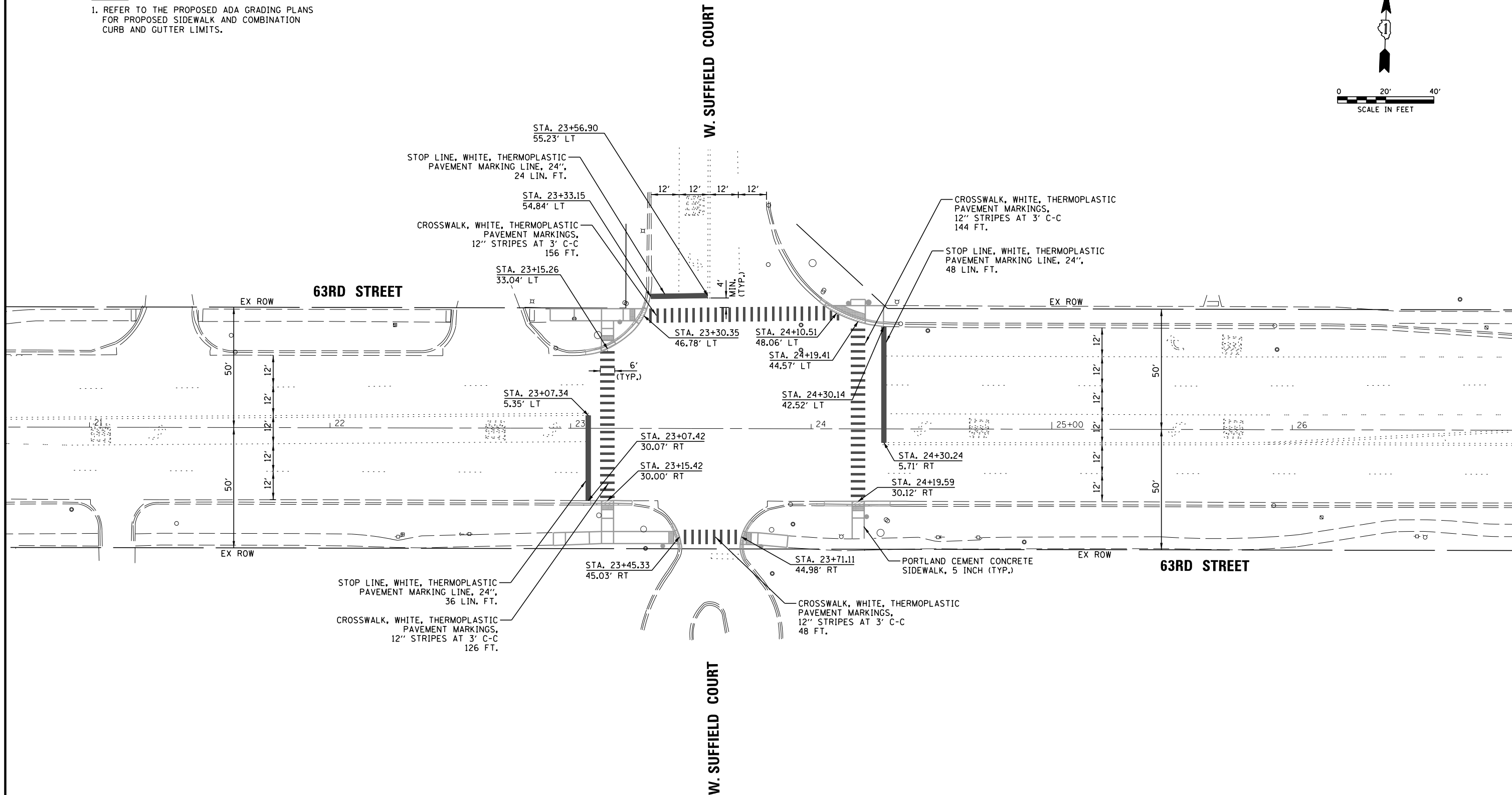
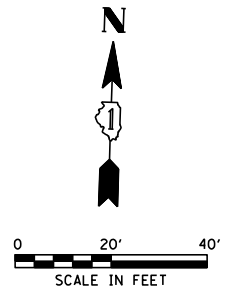
**SEEDING AND EROSION CONTROL PLAN  
63RD STREET AND AMERICANA DRIVE**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	23
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			<b>CONTRACT NO. 61M40</b>	

**NOTE:**

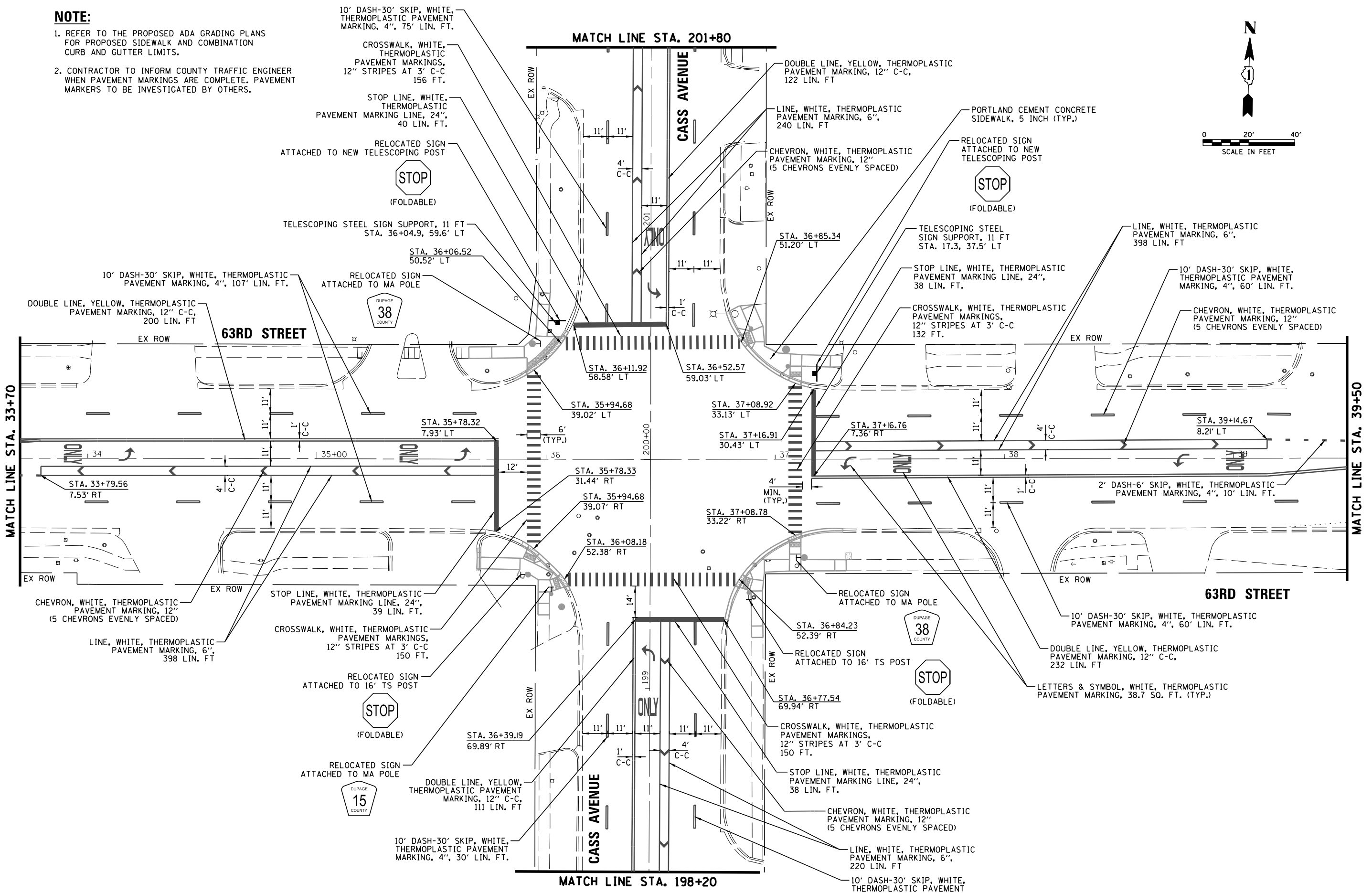
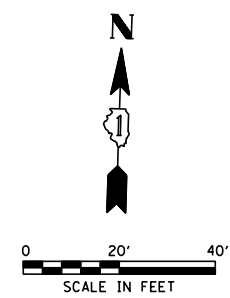
1. REFER TO THE PROPOSED ADA GRADING PLANS FOR PROPOSED SIDEWALK AND COMBINATION CURB AND GUTTER LIMITS.



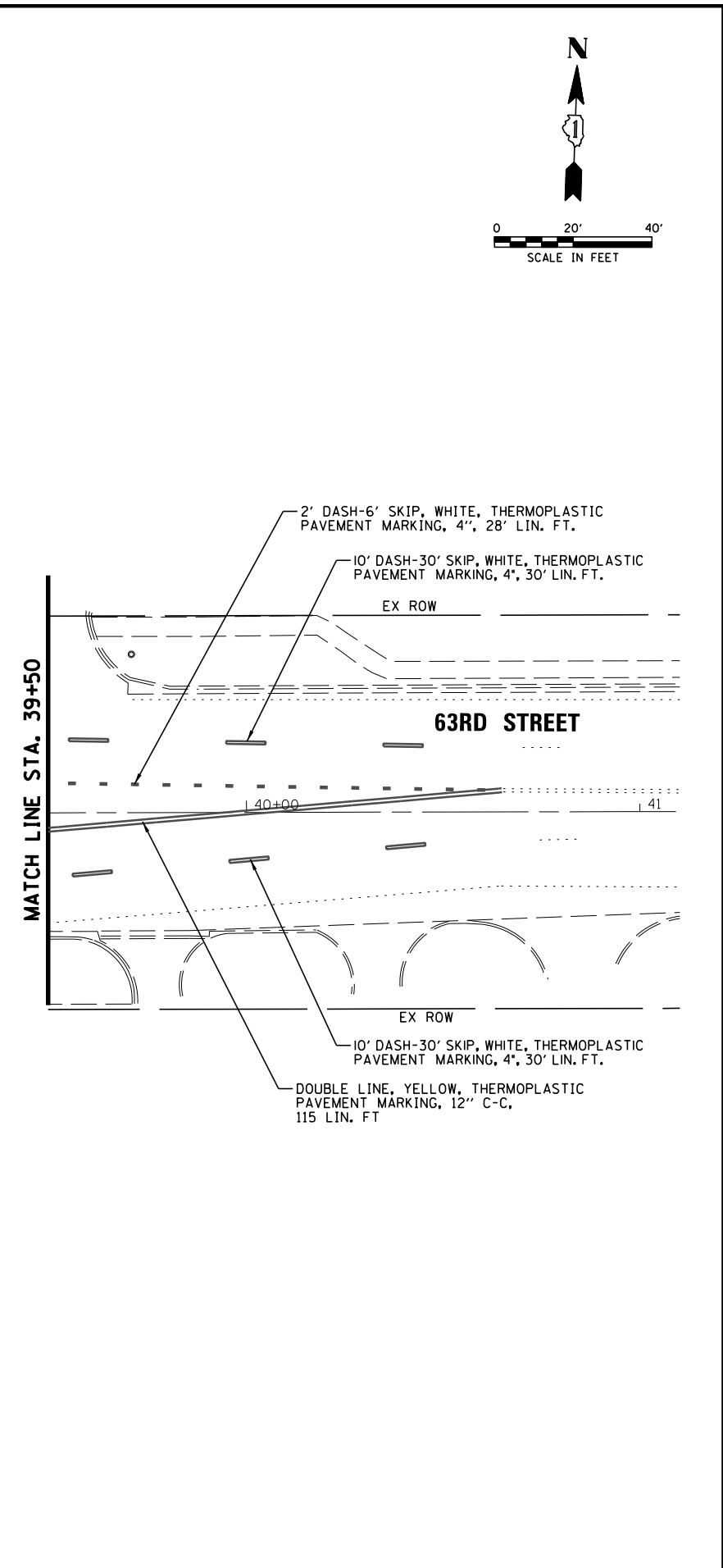
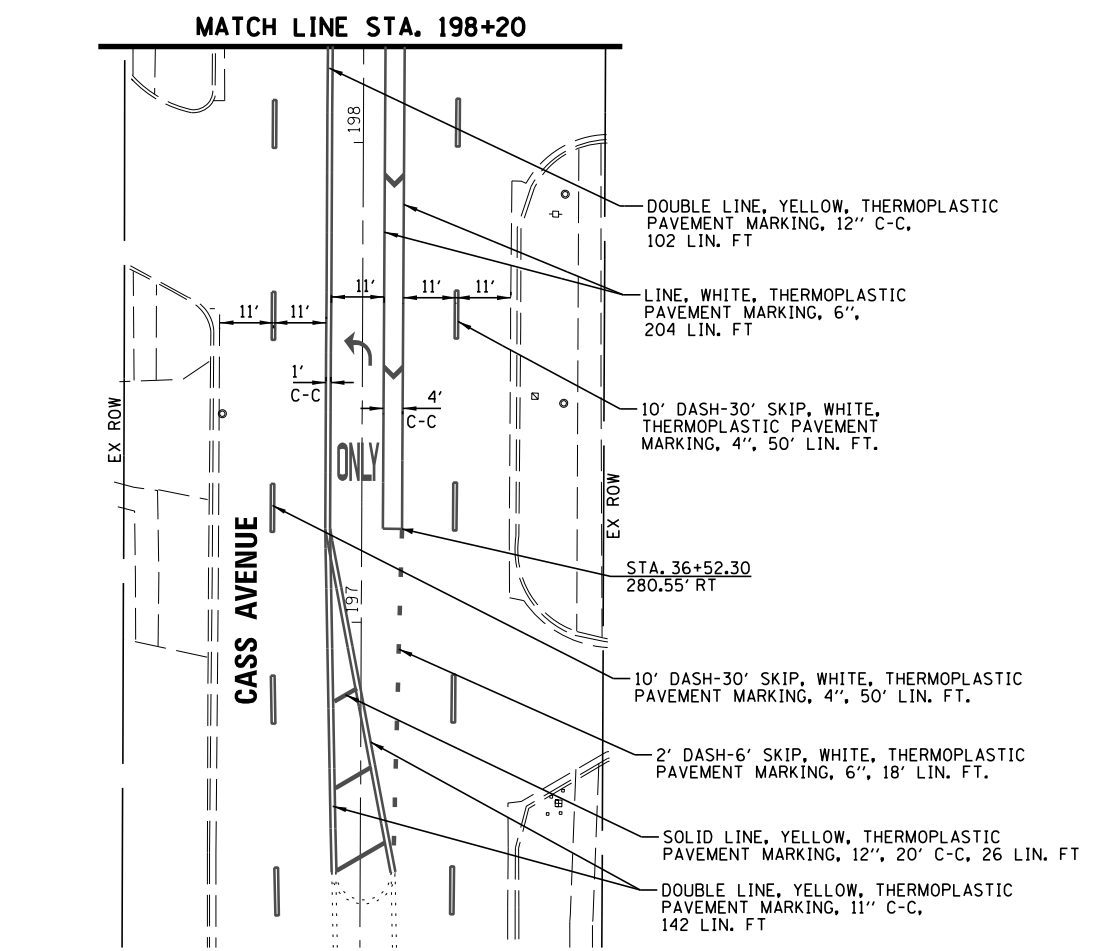
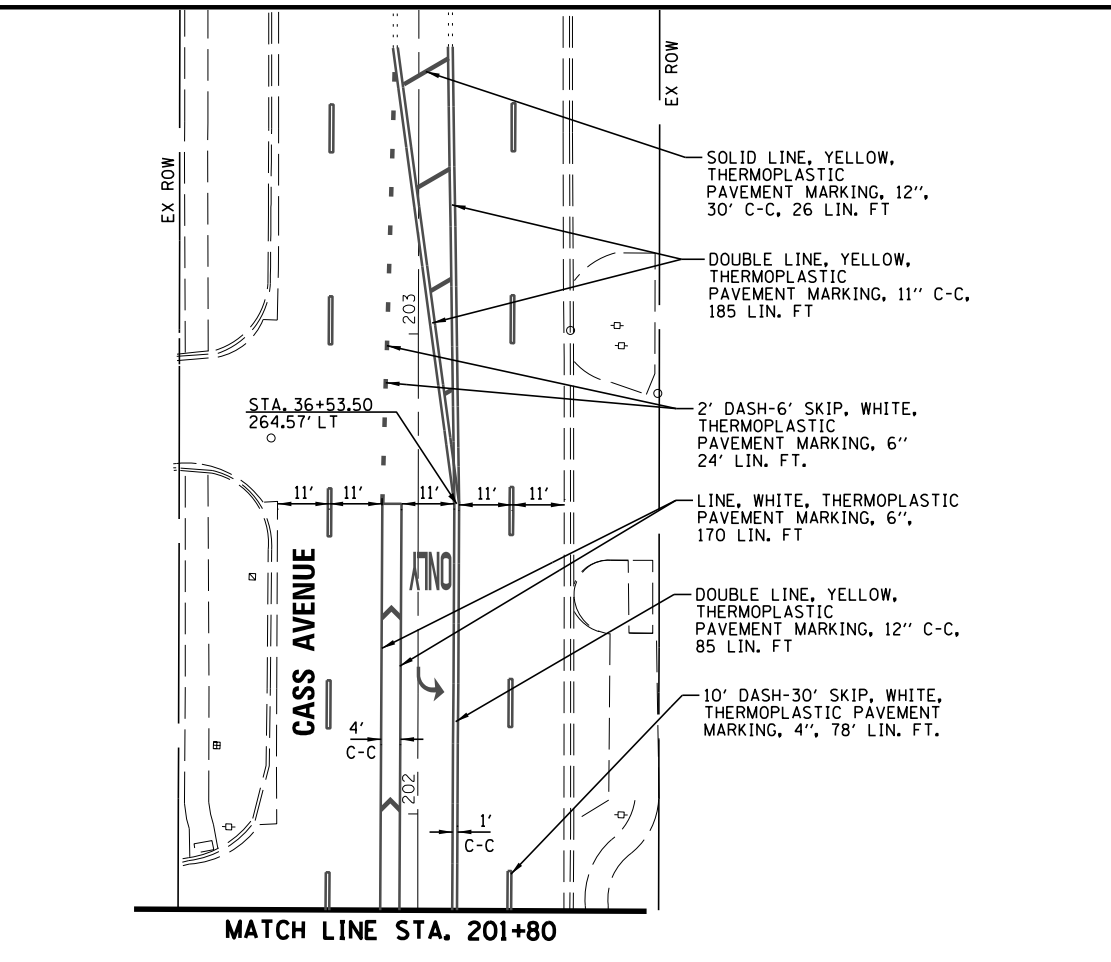
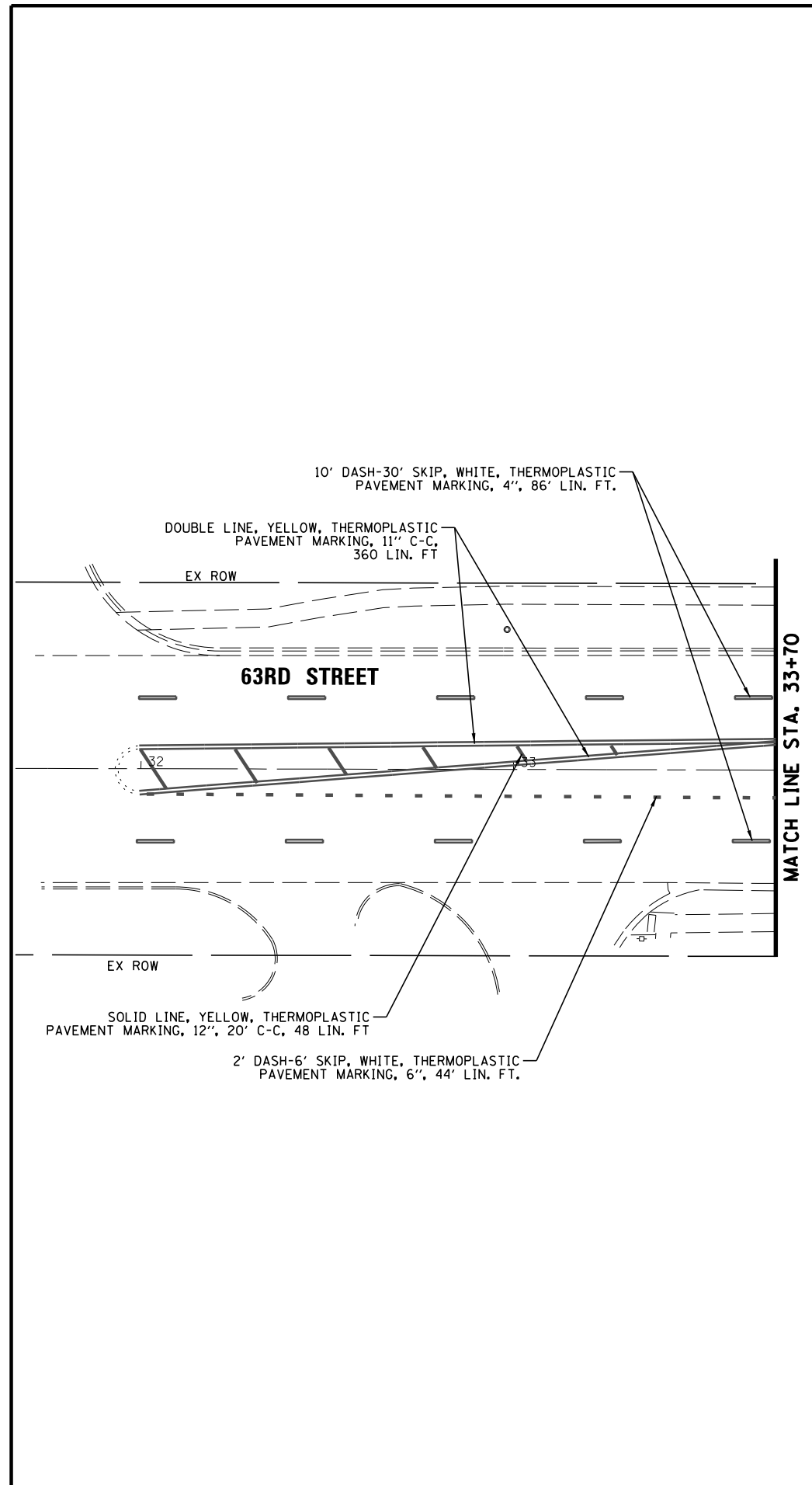
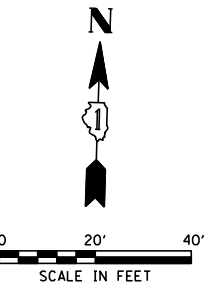
FILE NAME =	USER NAME = fbariso	DESIGNED - BC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED PAVEMENT MARKING AND SIGNING PLAN 63RD STREET AND SUFFIELD COURT</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\DUPAGE COUNTY DOT\230127\Traffic\SUP	FIELD_Sht2.PMK PR.dgn	DRAWN - FPB	REVISED -			1518	20-00288-05-TL	DUPAGE	87	24	
	PLOT SCALE = 48'	CHECKED - EAJ	REVISED -			<b>CONTRACT NO. 61M40</b>					
	PLOT DATE = 3/31/2026	DATE - 3/31/2026	REVISED -			SCALE: 1" = 40'    SHEET NO. OF SHEETS    STA. TO STA.    FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT					

**NOTE:**

- REFER TO THE PROPOSED ADA GRADING PLANS FOR PROPOSED SIDEWALK AND COMBINATION CURB AND GUTTER LIMITS.
- CONTRACTOR TO INFORM COUNTY TRAFFIC ENGINEER WHEN PAVEMENT MARKINGS ARE COMPLETE. PAVEMENT MARKERS TO BE INVESTIGATED BY OTHERS.



FILE NAME = N:\DUPAGE COUNTY DOT\230127\Traffic\CA\5_Sht2a.PMK PRI.dgn	USER NAME = fbariso	DESIGNED - BC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	<b>PROPOSED PAVEMENT MARKING AND SIGNING PLAN</b> (SHEET 1 OF 2) <b>63RD STREET AND CASS AVENUE</b>			F.A.U. R.T.E. = 1518	SECTION = 20-00288-05-TL	COUNTY = DUPAGE	TOTAL SHEETS = 87	SHEET NO. = 25
PLT SCALE = 48"	PLT DATE = 3/31/2026	DRAWN - FPB	REVISED -		SCALE: 1" = 40'	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 61M40				
		CHECKED - EAJ	REVISED -					ILLINOIS FED. AID PROJECT				
		DATE - 3/31/2026	REVISED -					FED. ROAD DIST. NO.				



FILE NAME =	USER NAME = fbariso	DESIGNED - BC	REVISED -
N:\DUPAGE COUNTY DOT\230127\Traffic\CA\S_Sht2b.PMK PR2.dgn		DRAWN - FPB	REVISED -
	PLOT SCALE = 48'	CHECKED - EAJ	REVISED -
	PLOT DATE = 3/31/2026	DATE - 3/31/2026	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

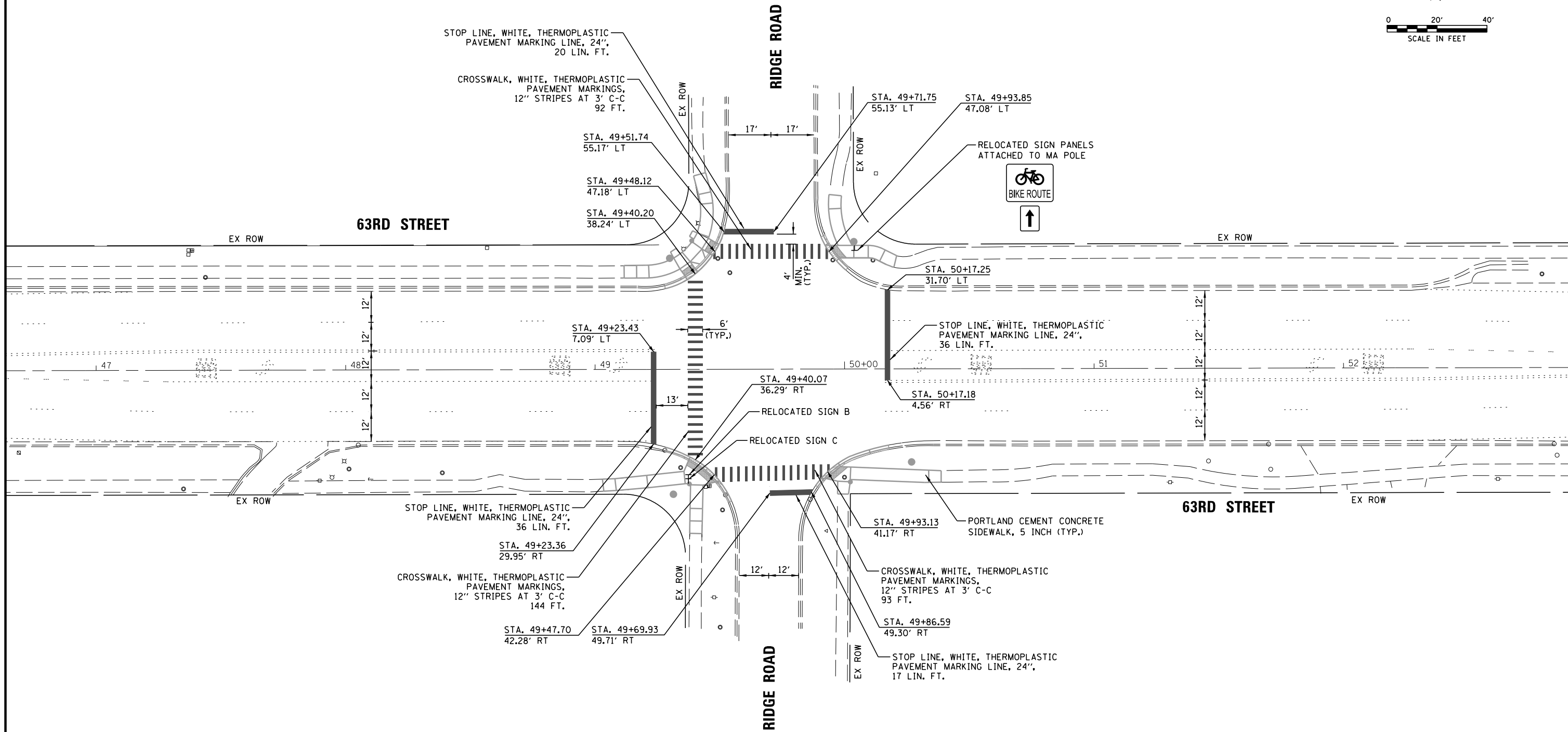
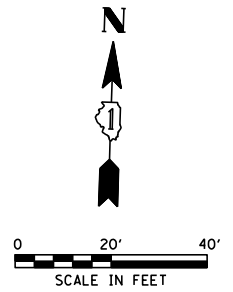
**PROPOSED PAVEMENT MARKING AND SIGNING PLAN  
(SHEET 2 OF 2)  
63RD STREET AND CASS AVENUE**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	26
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61M40	

**NOTE:**

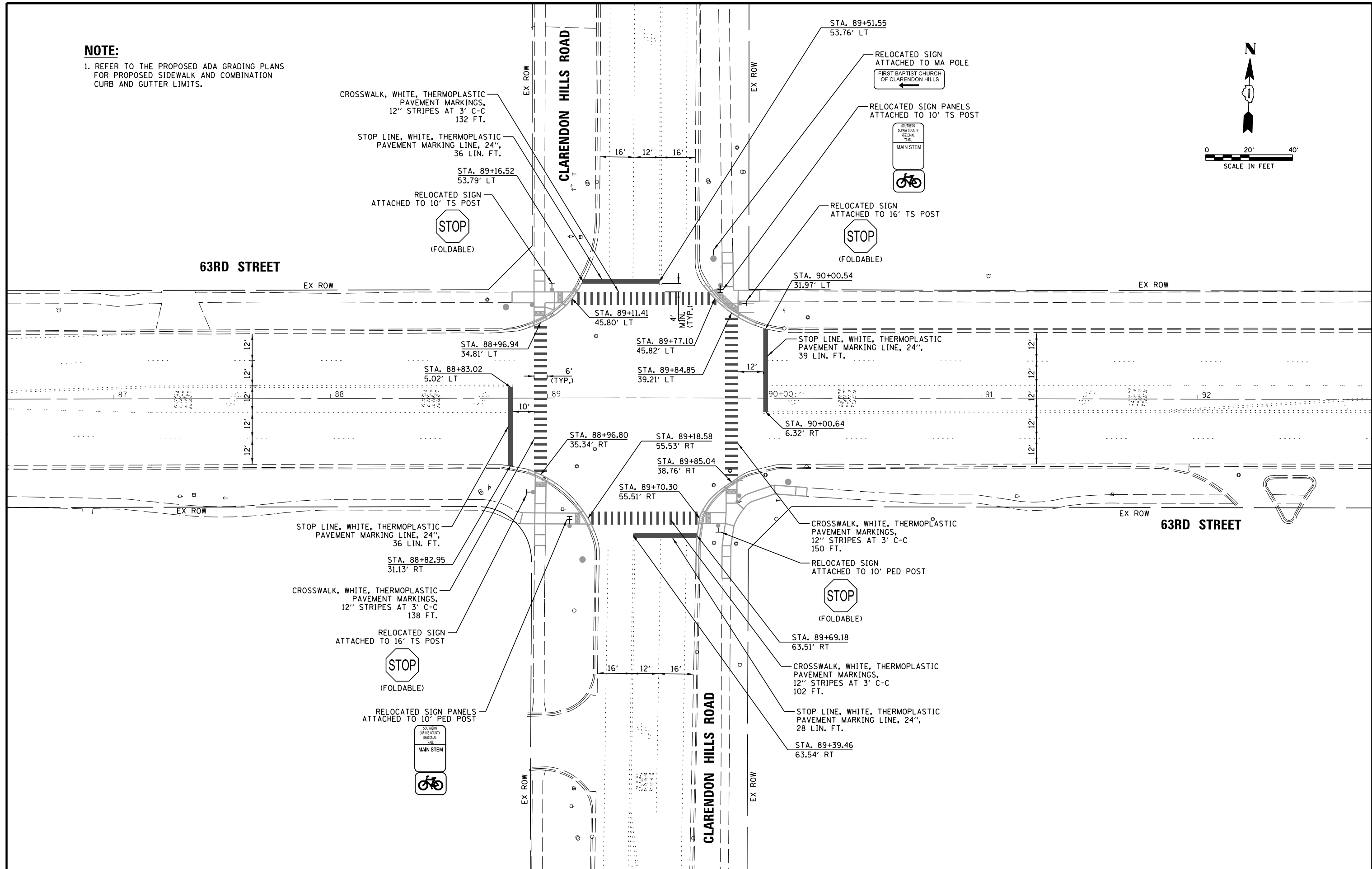
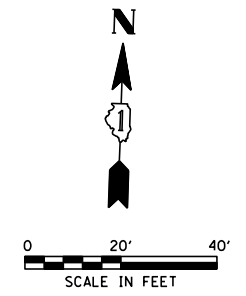
1. REFER TO THE PROPOSED ADA GRADING PLANS FOR PROPOSED SIDEWALK AND COMBINATION CURB AND GUTTER LIMITS.



FILE NAME =	USER NAME = fbariso	DESIGNED - BC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED PAVEMENT MARKING AND SIGNING PLAN 63RD STREET AND RIDGE ROAD</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\DUPAGE COUNTY DOT\230127\Traffic\RI	GE_Sht2_PMK PR.dgn	DRAWN - FPB	REVISED -			1518	20-00288-05-TL	DUPAGE	87	27	
	PLOT SCALE = 48'	CHECKED - EAJ	REVISED -			<b>CONTRACT NO. 61M40</b>					
	PLOT DATE = 3/31/2026	DATE - 3/31/2026	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT				
						SCALE: 1" = 40'	SHEET NO.	OF SHEETS	STA.	TO STA.	

**NOTE:**

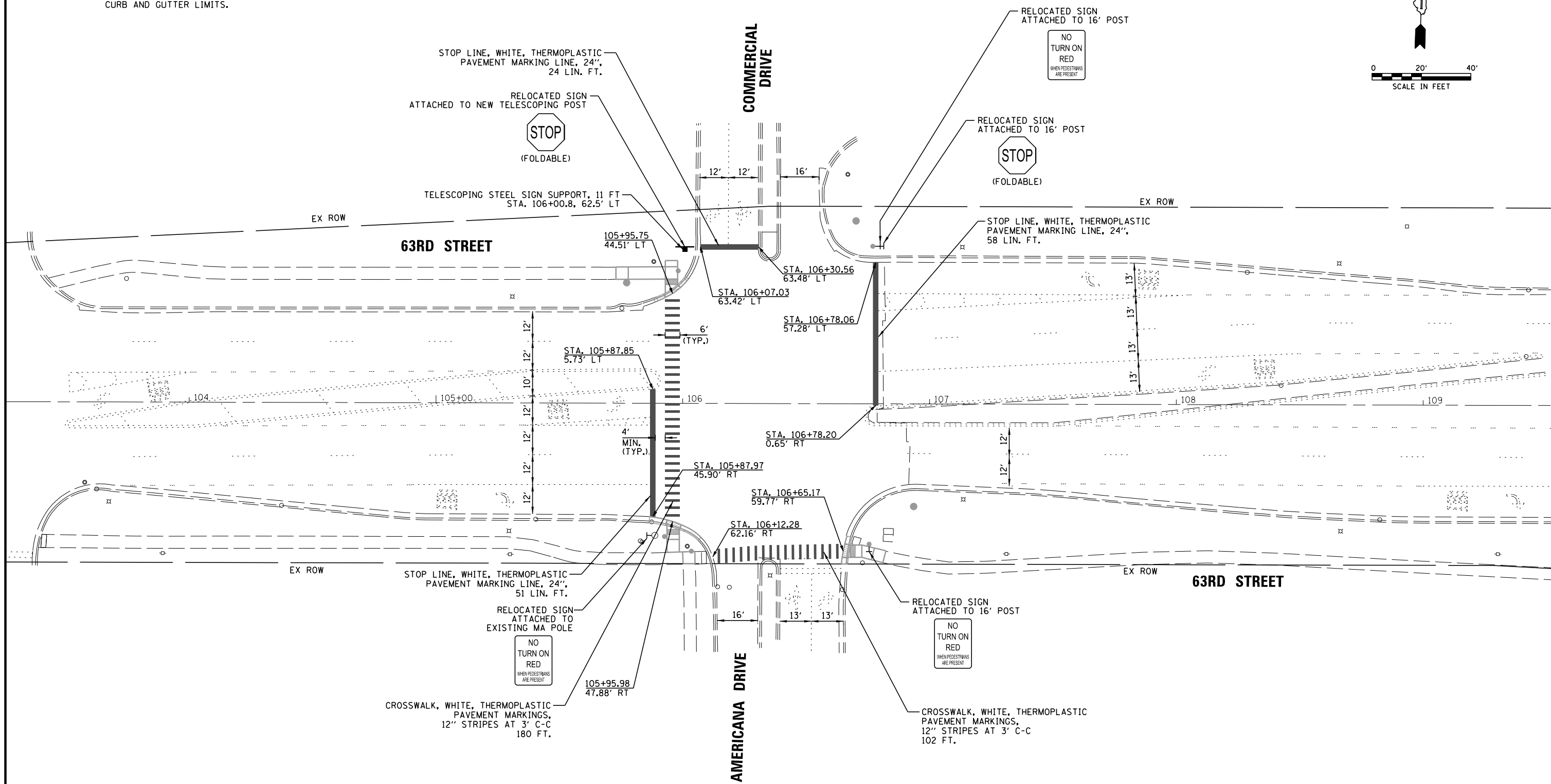
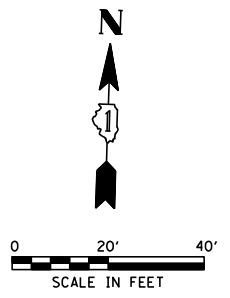
1. REFER TO THE PROPOSED ADA GRADING PLANS FOR PROPOSED SIDEWALK AND COMBINATION CURB AND GUTTER LIMITS.



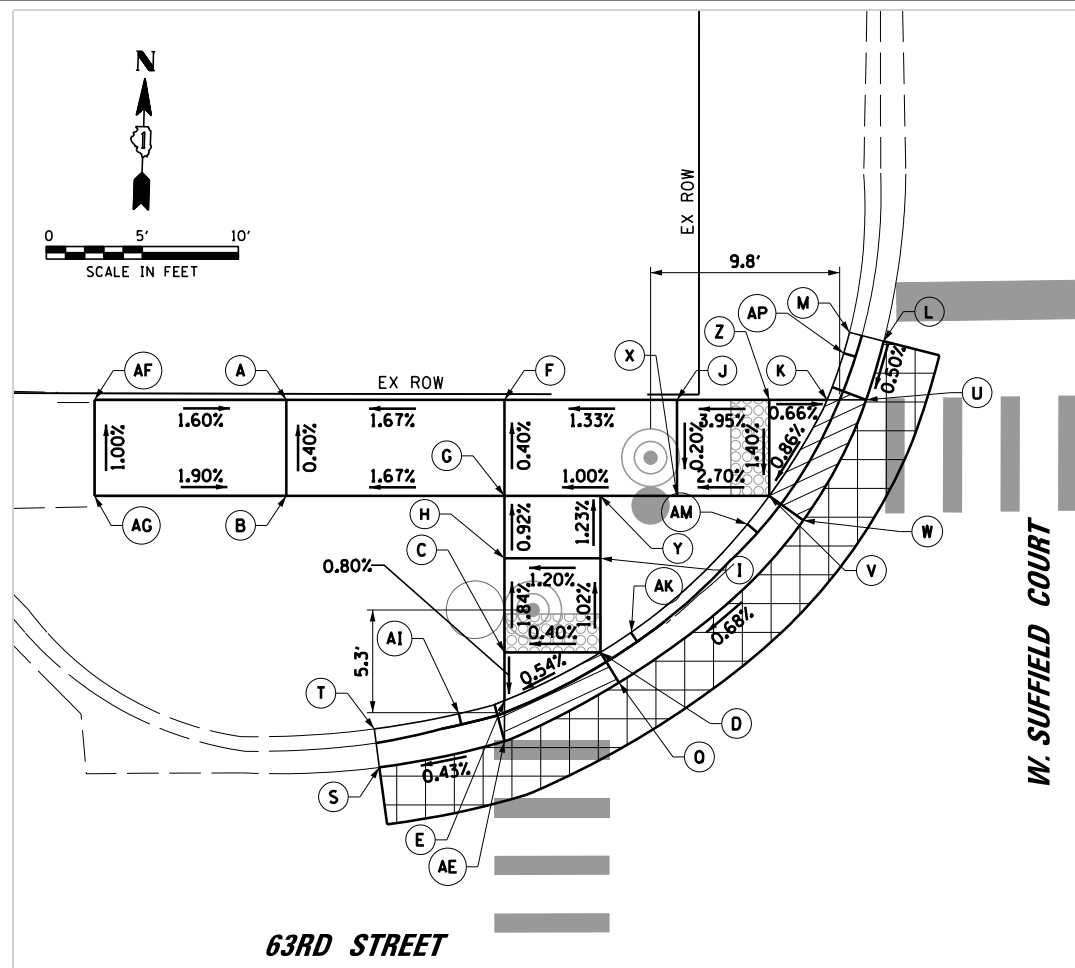
FILE NAME =	USER NAME = fbariso	DESIGNED - BC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED PAVEMENT MARKING AND SIGNING PLAN 63RD STREET AND CLARENDON HILLS ROAD</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\DUPAGE COUNTY DOT\230127\Traffic\CLARENDON_Sht2_PMK_PR.dgn	DRAWN - FPB	REVISED -	1518			20-00288-05-TL	DUPAGE	87	28	
PLOT SCALE = 48'	CHECKED - EAJ	REVISED -	<b>CONTRACT NO. 61M40</b>							
PLOT DATE = 3/31/2026	DATE - 3/31/2026	REVISED -	FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT				

**NOTE:**

1. REFER TO THE PROPOSED ADA GRADING PLANS FOR PROPOSED SIDEWALK AND COMBINATION CURB AND GUTTER LIMITS.

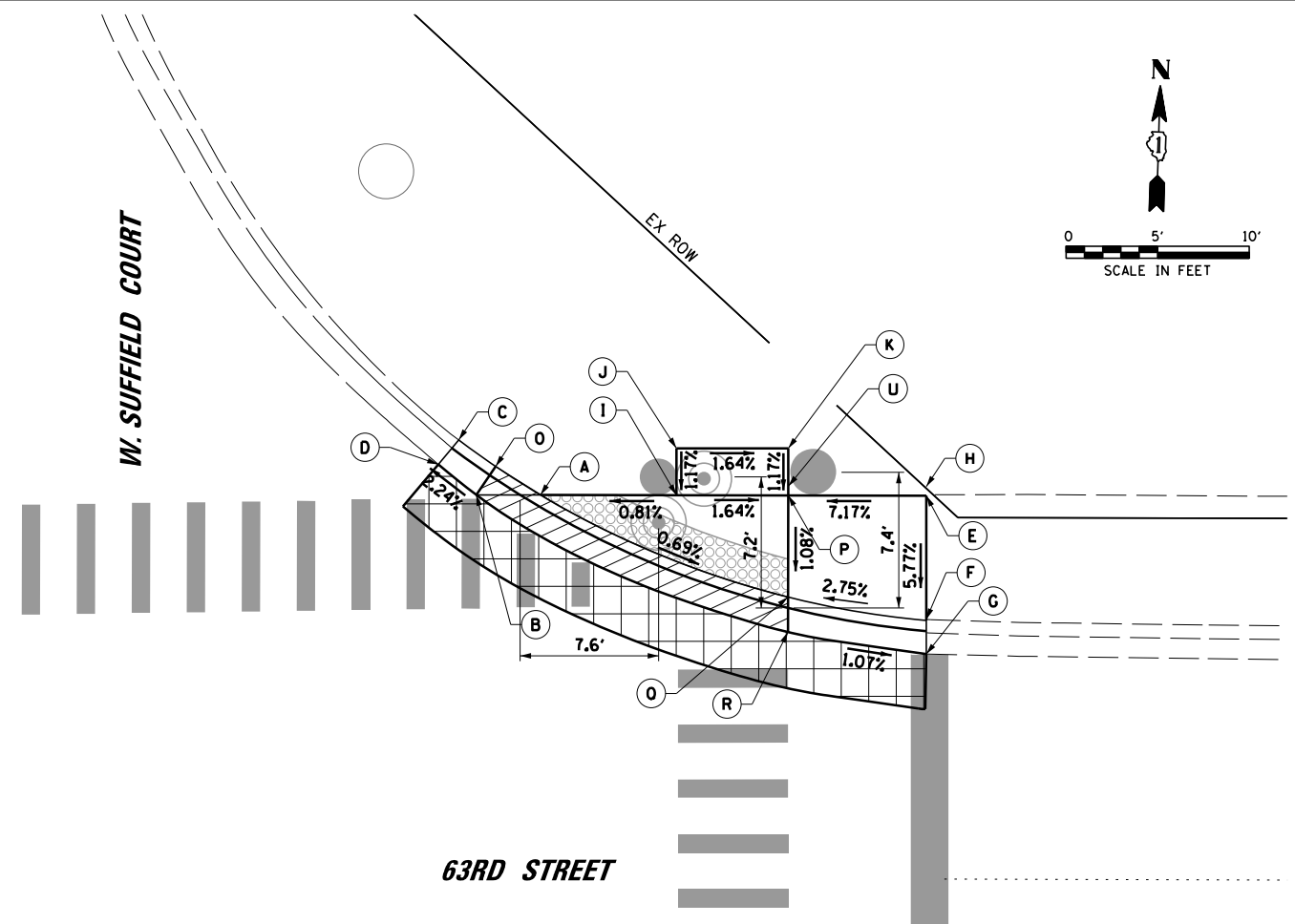


FILE NAME =	USER NAME = fbariso	DESIGNED - BC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED PAVEMENT MARKING AND SIGNING PLAN 63RD STREET AND AMERICANA DRIVE</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\DUPAGE COUNTY DOT\230127\Traffic\AMERICANA_Sht2_PMK_PR.dgn		DRAWN - FPB	REVISED -			1518	20-00288-05-TL	DUPAGE	87	29	
PLOT SCALE = 48'		CHECKED - EAJ	REVISED -			<b>CONTRACT NO. 61M40</b>					
PLOT DATE = 3/31/2026		DATE - 3/31/2026	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT				
SCALE: 1" = 40'						SHEET NO.	OF SHEETS	STA.	TO STA.		



**NORTHWEST CORNER**

POINTS	STATION	OFFSET	ELEVATION
A	23+01.39	49.68 LT	740.25
B	23+01.40	44.68 LT	740.27
C	23+12.78	36.55 LT	740.58
D	23+17.78	36.56 LT	740.60
E	23+12.79	34.04 LT	740.57
F	23+12.75	49.70 LT	740.44
G	23+12.76	44.70 LT	740.46
H	23+12.77	41.45 LT	740.49
I	23+17.77	41.46 LT	740.55
J	23+21.74	49.72 LT	740.56
K	23+29.56	49.73 LT	740.73
L	23+32.50	52.80 LT	740.75
M	23+30.72	53.26 LT	741.02
Q	23+18.75	34.98 LT	740.60
S	23+06.28	30.54 LT	740.53
T	23+06.01	32.55 LT	740.84
U	23+31.59	49.74 LT	740.73
V	23+26.56	44.73 LT	740.68
W	23+28.34	43.46 LT	740.68
X	23+21.75	44.71 LT	740.55
Y	23+17.76	44.71 LT	740.51
Z	23+26.55	49.73 LT	740.75
AE	23+12.79	31.92 LT	740.57
AF	22+91.39	49.65 LT	740.41
AG	22+91.40	44.65 LT	740.46
AI	23+10.41	33.35 LT	740.71
AK	23+19.36	37.60 LT	740.75
AM	23+25.42	43.26 LT	740.83
AP	23+30.42	52.18 LT	740.88



**NORTHEAST CORNER**

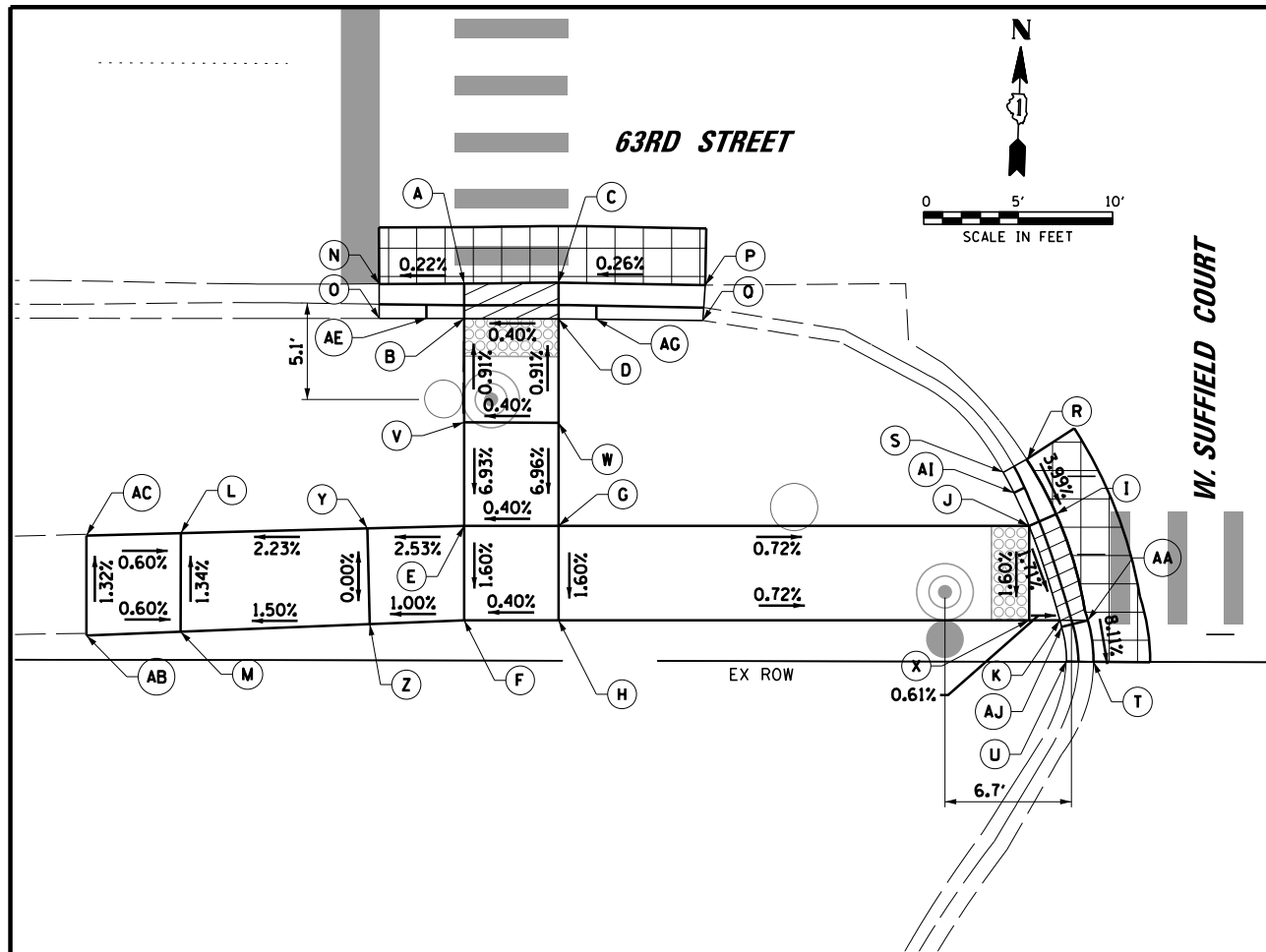
POINTS	STATION	OFFSET	ELEVATION
A	24+08.92	51.19 LT	740.87
B	24+05.42	51.18 LT	740.89
C	24+04.43	54.18 LT	741.02
D	24+03.32	52.85 LT	740.83
E	24+29.94	51.20 LT	741.37
F	24+29.95	44.44 LT	740.98
G	24+29.96	42.55 LT	740.71
I	24+16.32	51.19 LT	740.93
J	24+16.31	53.75 LT	740.96
K	24+22.41	53.75 LT	740.86
O	24+06.45	52.74 LT	740.87
P	24+22.41	51.19 LT	740.83
Q	24+22.41	45.65 LT	740.77
R	24+22.41	43.74 LT	740.77

**LEGEND:**

- DEPRESSED CURB AND GUTTER
- HMA SURFACE REMOVAL AND RESURFACING (3 FT FROM EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED.)

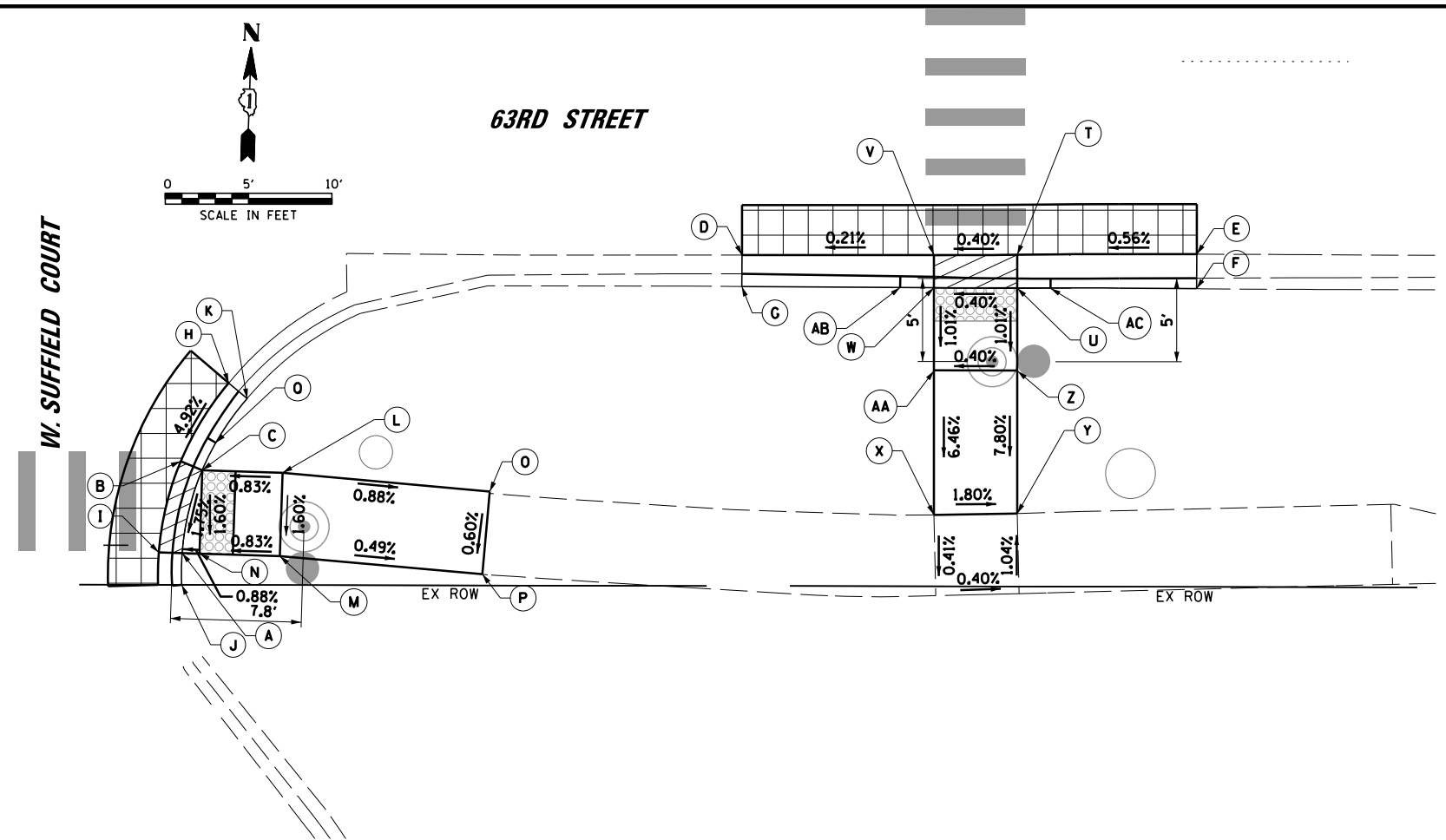
**CONSTRUCTION NOTE:**

① THE CONTRACTOR SHALL USE 35 FT RADIUS RADIAL DETECTABLE WARNING SURFACES FOR THE NE CORNER. THE CONTRACTOR SHALL BEST FIT THE RADIAL DETECTABLE WARNING SURFACES ALONG THE BACK OF CURB.



**SOUTHWEST CORNER**



POINTS	STATION	OFFSET	ELEVATION
A	23+12.92	30.04 RT	740.63
B	23+12.92	31.89 RT	740.63
C	23+17.92	29.97 RT	740.65
D	23+17.92	31.90 RT	740.65
E	23+12.95	42.87 RT	740.30
F	23+12.96	47.87 RT	740.22
G	23+17.95	42.86 RT	740.32
H	23+17.96	47.86 RT	740.24
I	23+44.30	42.17 RT	740.14
J	23+42.87	42.81 RT	740.14
K	23+44.51	47.80 RT	740.05
L	22+97.94	43.28 RT	739.95
M	22+97.95	48.51 RT	740.02
N	23+08.42	30.06 RT	740.62
O	23+08.43	31.89 RT	740.55
P	23+25.69	30.09 RT	740.67
Q	23+25.56	31.92 RT	741.00
R	23+42.73	39.27 RT	740.27
S	23+41.05	39.23 RT	740.56
T	23+46.29	50.00 RT	739.87
U	23+44.85	50.00 RT	740.20
V	23+12.93	37.39 RT	740.68
W	23+17.93	37.40 RT	740.70
X	23+42.88	47.81 RT	740.06
Y	23+07.82	42.99 RT	740.17
Z	23+07.96	48.08 RT	740.17
AA	23+45.99	47.80 RT	740.05
AB	22+92.95	48.72 RT	740.05
AC	22+92.94	43.42 RT	739.98
AE	23+10.92	31.89 RT	740.78
AG	23+19.92	31.91 RT	740.80
AI	23+42.06	41.06 RT	740.29
AJ	23+44.60	48.15 RT	740.05



**SOUTHEAST CORNER**

POINTS	STATION	OFFSET	ELEVATION
A	23+71.93	48.09 RT	740.23
B	23+71.95	42.59 RT	740.32
C	23+73.20	43.12 RT	740.32
D	24+05.57	30.13 RT	740.83
E	24+32.88	30.03 RT	740.94
F	24+32.90	32.10 RT	740.91
G	24+05.56	32.02 RT	741.23
H	23+74.79	37.89 RT	740.59
I	23+70.47	48.05 RT	740.23
J	23+71.98	50.00 RT	740.38
K	2375.89	38.81	740.71
L	2378.02	43.26	740.36
M	23+77.88	48.26 RT	740.28
N	23+73.06	48.12 RT	740.24
O	23+90.47	44.37 RT	740.25
P	23+90.03	49.33 RT	740.22
Q	23+74.04	41.48 RT	740.47
T	24+22.09	30.08 RT	740.88
U	2422.09	32.08	740.88
V	24+17.09	30.11 RT	740.86
W	24+17.09	32.07 RT	740.86
X	24+17.12	45.70 RT	740.25
Y	24+22.12	45.62 RT	740.16
Z	24+22.10	37.03 RT	740.83
AA	24+17.10	37.03 RT	740.81
AB	2415.08	32.05	741.01
AC	24+24.10	32.07 RT	741.03

**LEGEND:**

-  DEPRESSED CURB AND GUTTER
-  HMA SURFACE REMOVAL AND RESURFACING (3 FT FROM EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED.)

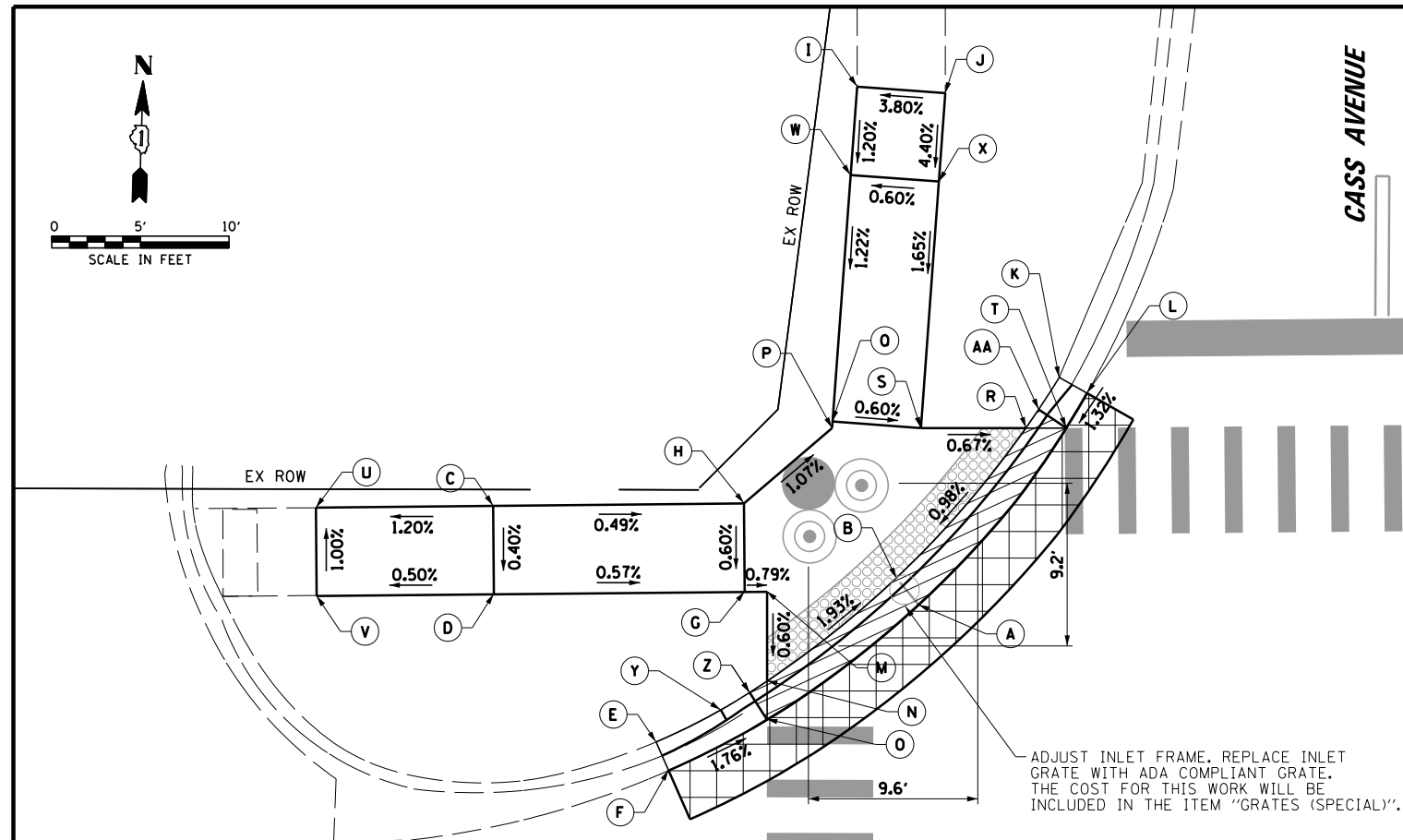
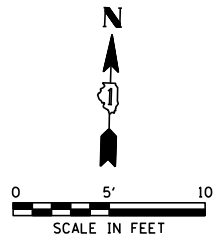
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PLOT DATE = 4/1/2026		DATE - 4/1/2026	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED ADA RAMP GRADING PLAN  
SHEET 2 OF 2  
63RD STREET AND W. SUFFIELD COURT**

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

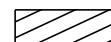

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	31
CONTRACT NO. 61M40				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

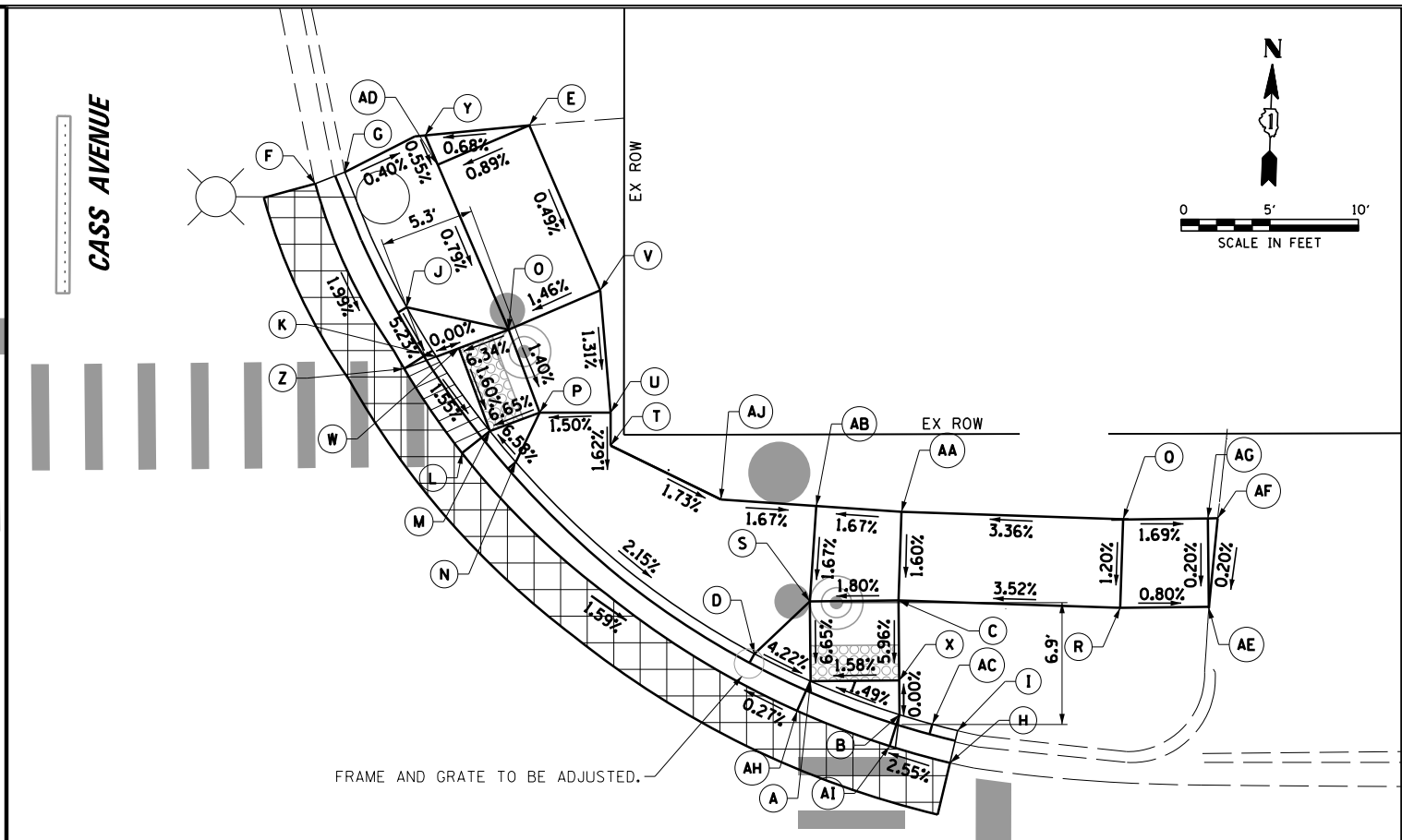
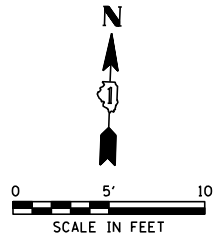


**63RD STREET  
NORTHWEST CORNER**

POINTS	STATION	OFFSET	ELEVATION
A	36+00.22	43.54 LT	750.29
B	35+99.12	44.84 LT	750.29
C	35+76.19	49.08 LT	750.61
D	35+76.25	44.08 LT	750.59
E	35+85.41	35.77 LT	750.62
F	35+86.12	34.16 LT	750.60
G	35+90.40	44.25 LT	750.51
H	35+90.35	49.25 LT	750.54
I	35+96.68	72.78 LT	750.70
J	36+01.67	72.42 LT	750.89
K	36+08.13	56.39 LT	750.55
L	36+09.70	55.50 LT	750.44
M	35+91.66	44.26 LT	750.50
N	35+91.67	39.25 LT	750.47
O	35+91.68	37.04 LT	750.49
P	35+95.31	53.51 LT	750.47
Q	35+95.34	53.88 LT	750.47
R	36+06.26	53.53 LT	750.40
S	36+00.32	53.52 LT	750.44
T	36+08.54	53.54 LT	750.41
U	35+66.19	48.96 LT	750.49
V	35+66.25	43.96 LT	750.54
W	35+96.33	67.79 LT	750.64
X	36+01.31	67.43 LT	750.67
Y	35+89.06	37.58 LT	750.62
Z	35+90.69	38.58 LT	750.47
AA	36+06.97	54.58 LT	750.40

**LEGEND:**

-  DEPRESSED CURB AND GUTTER
-  HMA SURFACE REMOVAL AND RESURFACING (3 FT FROM EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED.)



**63RD STREET  
NORTHEAST CORNER**

POINTS	STATION	OFFSET	ELEVATION
A	37+06.60	36.07 LT	749.64
B	37+11.61	34.17 LT	749.72
C	37+11.57	40.62 LT	750.03
D	37+03.41	37.64 LT	749.79
E	36+90.80	67.47 LT	750.41
F	36+78.72	64.21 LT	750.32
G	36+80.38	64.86 LT	750.39
H	37+14.45	31.45 LT	749.81
I	37+14.89	33.26 LT	750.16
J	36+83.86	57.22 LT	750.26
K	36+85.53	54.43 LT	750.09
L	36+86.97	48.99 LT	750.01
M	36+88.53	50.22 LT	750.01
N	36+89.99	48.47 LT	750.16
O	36+89.61	55.95 LT	750.28
P	36+91.35	51.27 LT	750.21
Q	37+24.25	45.18 LT	750.53
R	37+24.07	40.18 LT	750.47
S	37+06.57	40.58 LT	749.94
T	36+95.35	49.40 LT	750.24
U	36+95.35	51.25 LT	750.27
V	36+94.66	58.11 LT	750.36
W	36+86.80	54.91 LT	750.09
X	37+11.63	35.42 LT	749.72
Y	36+84.92	66.92 LT	750.37
Z	36+83.71	53.76 LT	750.09
AA	37+11.74	45.61 LT	750.11
AB	37+06.95	45.95 LT	750.03
AC	37+13.46	33.63 LT	749.87
AD	36+85.63	65.26 LT	750.36
AE	37+29.07	40.22 LT	750.43
AF	37+29.59	45.22 LT	750.44
AG	37+29.04	45.22 LT	750.44
AH	37+05.83	34.40 LT	749.63
AI	37+11.05	32.40 LT	749.72
AJ	37+01.56	46.33 LT	750.12

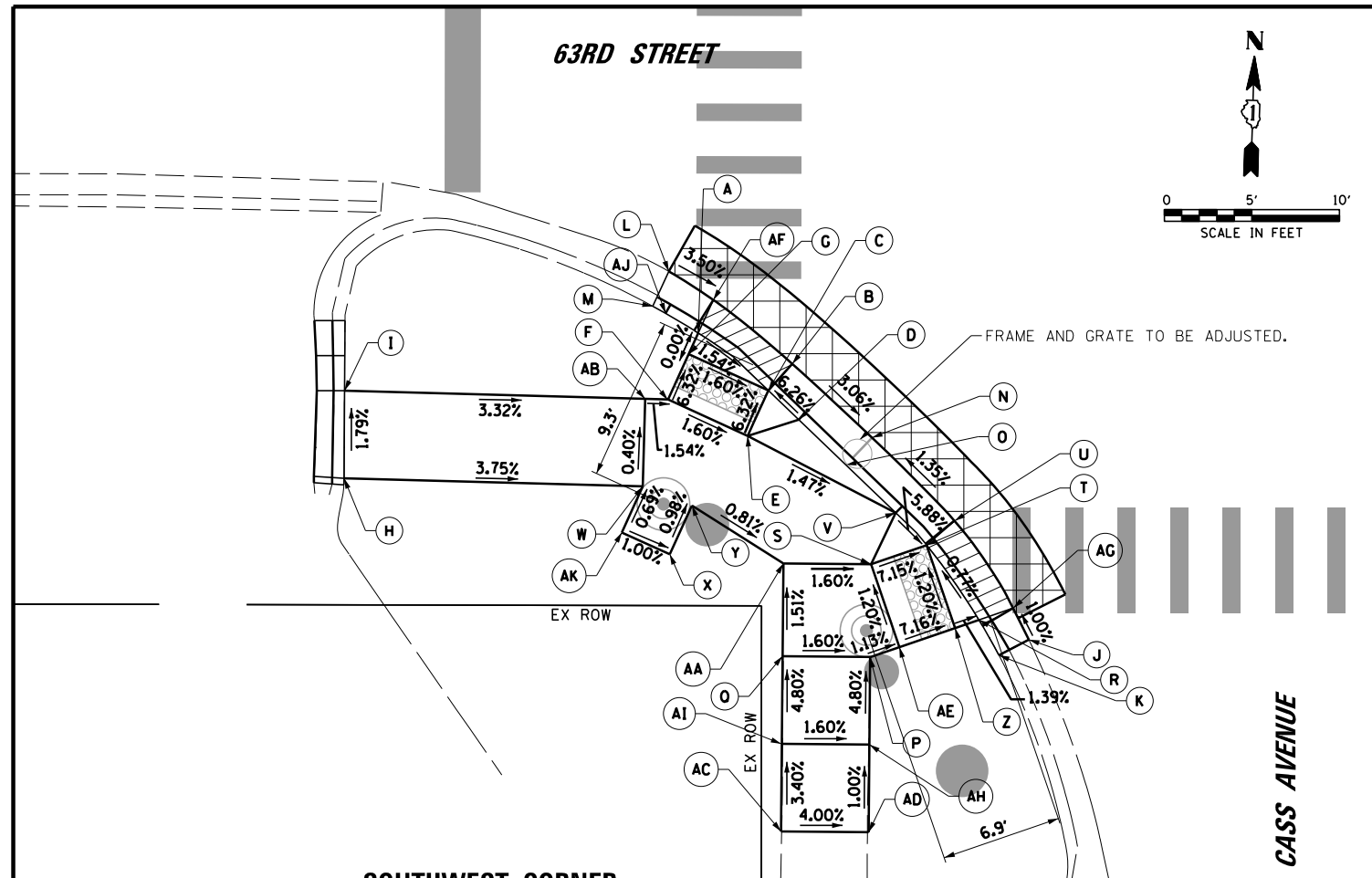
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PLOT DATE = 4/1/2026	DATE - 4/1/2026		REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED ADA RAMP GRADING PLAN  
SHEET 1 OF 2  
63RD STREET AND CASS AVENUE**

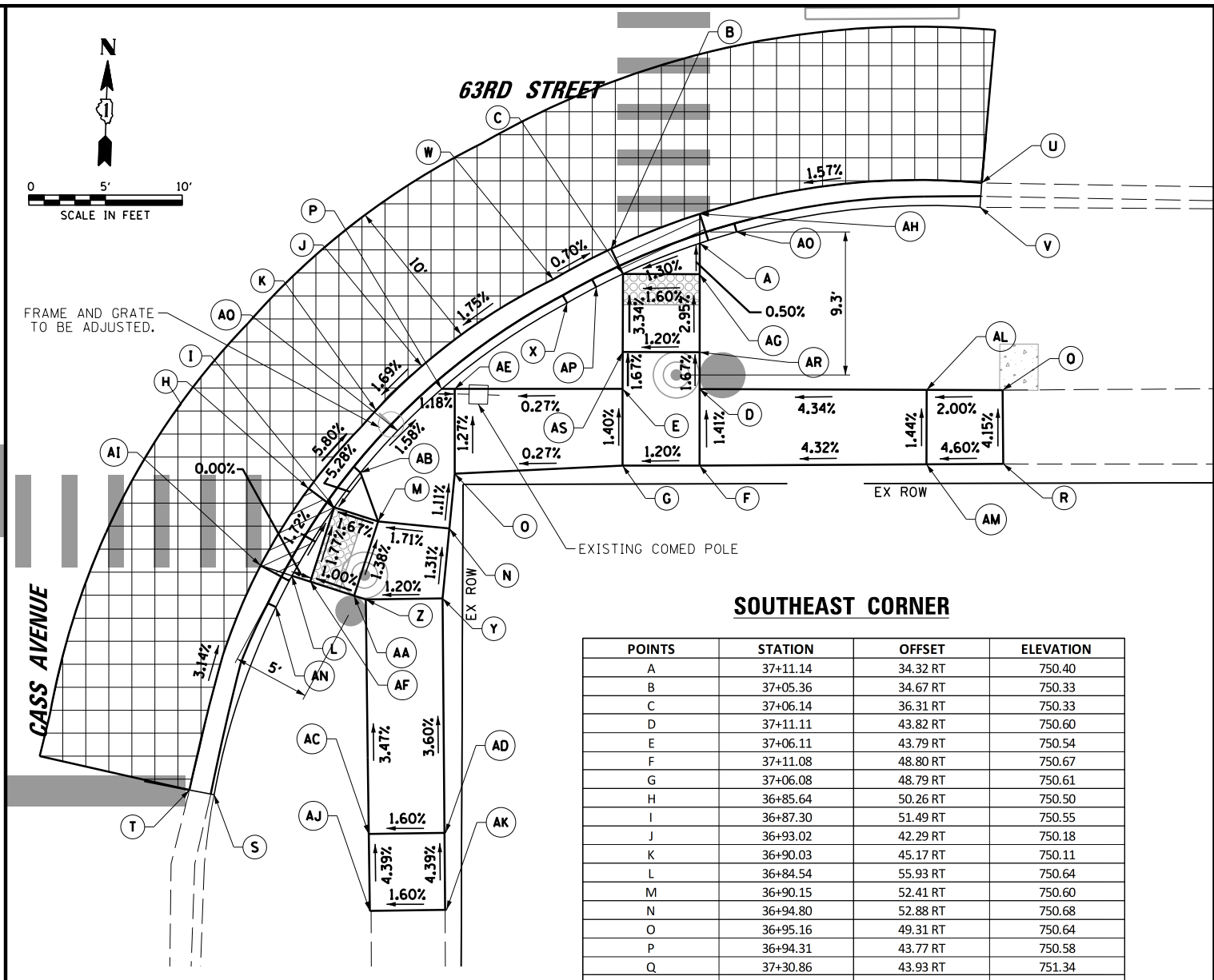
SCALE: 1" = 10' SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE. 1518	SECTION 20-00288-05-TL	COUNTY DUPAGE	TOTAL SHEETS 87	SHEET NO. 32
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61M40	



**SOUTHWEST CORNER**

POINTS	STATION	OFFSET	ELEVATION
A	35+91.79	39.43 RT	750.58
B	35+97.17	41.19 RT	750.49
C	35+95.81	42.72 RT	750.50
D	35+97.55	44.37 RT	750.65
E	35+94.63	45.31 RT	750.68
F	35+90.08	43.24 RT	750.76
G	35+91.26	40.65 RT	750.58
H	35+71.60	47.79 RT	751.44
I	35+71.62	42.77 RT	751.35
J	36+10.71	56.90 RT	750.45
K	36+09.00	57.80 RT	750.58
L	35+90.11	35.92 RT	750.69
M	35+89.21	37.91 RT	750.67
N	36+01.73	45.40 RT	750.30
O	36+00.24	46.95 RT	750.35
P	36+01.65	57.92 RT	750.71
Q	35+96.65	57.88 RT	750.79
R	36+07.85	55.78 RT	750.43
S	36+01.69	52.62 RT	750.63
T	36+04.86	51.52 RT	750.39
U	36+06.45	50.14 RT	750.39
V	36+03.09	49.68 RT	750.54
W	35+88.66	48.20 RT	750.80
X	35+90.20	52.07 RT	750.79
Y	35+91.46	49.29 RT	750.76
Z	36+06.49	56.25 RT	750.45
AA	35+96.69	52.58 RT	750.71
AB	35+88.78	43.20 RT	750.78
AC	35+96.59	67.88 RT	751.20
AD	36+01.59	67.92 RT	751.00
AE	36+03.32	57.34 RT	750.69
AF	35+92.66	37.55 RT	750.58
AG	36+09.82	55.10 RT	750.43
AH	36+01.62	62.92 RT	750.55
AI	35+96.62	62.88 RT	751.03
AJ	35+89.93	38.32 RT	750.73
AK	35+87.47	50.83 RT	750.82



**SOUTHEAST CORNER**

POINTS	STATION	OFFSET	ELEVATION
A	37+11.14	34.32 RT	750.40
B	37+05.36	34.67 RT	750.33
C	37+06.14	36.31 RT	750.33
D	37+11.11	43.82 RT	750.60
E	37+06.11	43.79 RT	750.54
F	37+11.08	48.80 RT	750.67
G	37+06.08	48.79 RT	750.61
H	36+85.64	50.26 RT	750.50
I	36+87.30	51.49 RT	750.55
J	36+93.02	42.29 RT	750.18
K	36+90.03	45.17 RT	750.11
L	36+84.54	55.93 RT	750.64
M	36+90.15	52.41 RT	750.60
N	36+94.80	52.88 RT	750.68
O	36+95.16	49.31 RT	750.64
P	36+94.31	43.77 RT	750.58
Q	37+30.86	43.93 RT	751.34
R	37+30.88	48.75 RT	751.54
S	36+79.43	70.19 RT	751.29
T	36+78.55	69.40 RT	751.18
U	37+29.53	30.42 RT	750.69
V	37+29.50	32.02 RT	751.18
W	37+01.59	36.65 RT	750.36
X	37+02.50	38.20 RT	750.69
Y	36+94.34	57.44 RT	750.74
Z	36+89.34	57.49 RT	750.68
AA	36+88.58	57.24 RT	750.67
AB	36+89.01	49.22 RT	750.70
AC	36+89.51	72.77 RT	751.21
AD	36+94.51	72.72 RT	751.29
AE	36+95.16	43.78 RT	750.57
AF	36+85.73	56.32 RT	750.64
AG	37+11.14	36.33 RT	750.41
AH	37+11.15	32.40 RT	750.40
AI	36+82.49	55.27 RT	750.72
AJ	36+89.56	77.78 RT	751.43
AK	36+94.56	77.73 RT	751.51
AL	37+25.86	43.91 RT	751.24
AM	37+25.88	48.77 RT	751.31
AN	36+83.49	57.98 RT	750.79
AO	37+13.55	33.59 RT	750.55
AP	37+04.40	37.16 RT	750.48
AQ	36+91.44	46.49 RT	750.64
AR	37+11.12	41.42 RT	750.56
AS	37+06.12	41.40 RT	750.50

**LEGEND:**

- DEPRESSED CURB AND GUTTER
- HMA SURFACE REMOVAL AND RESURFACING (3 FT FROM EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED.)

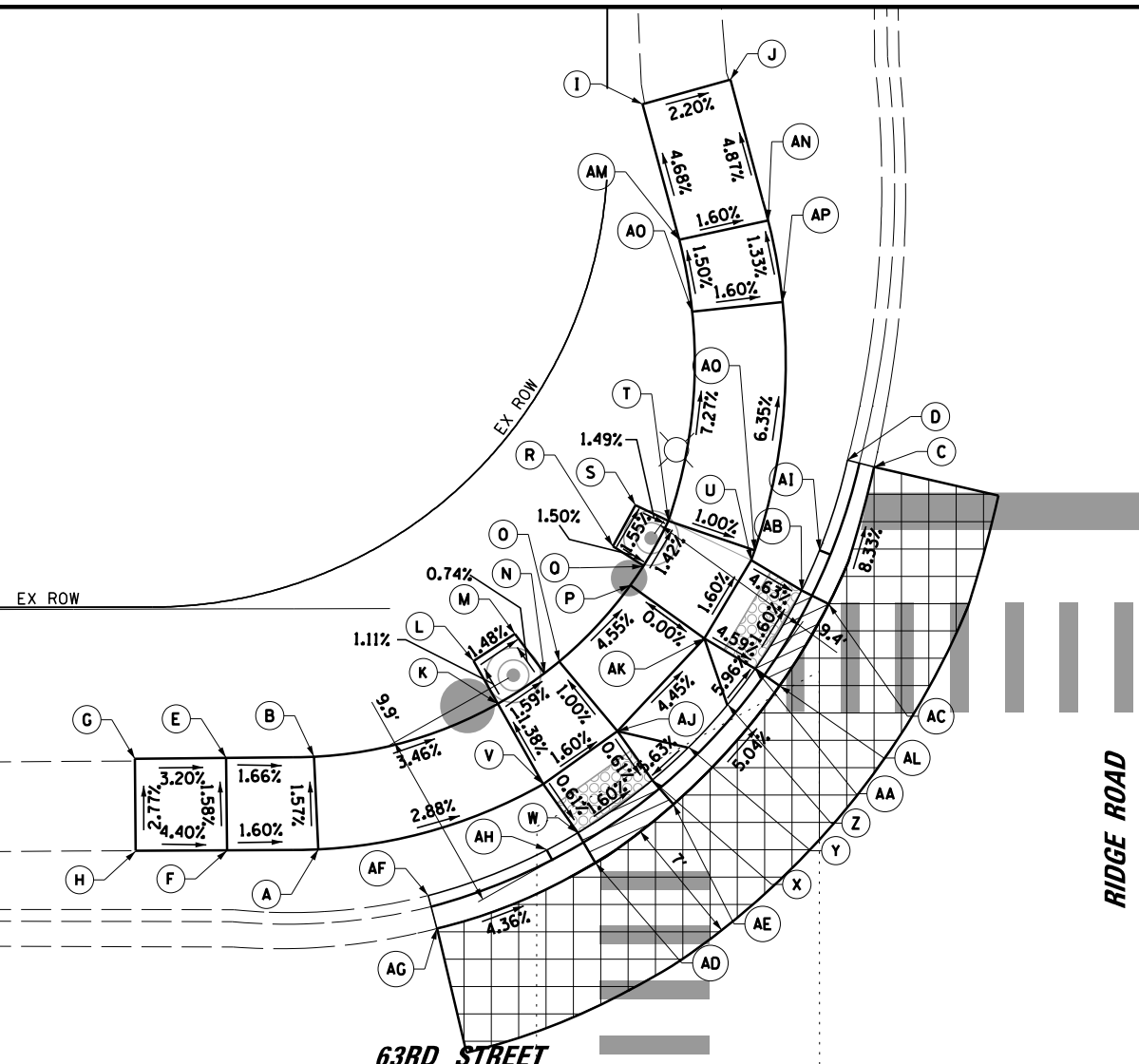
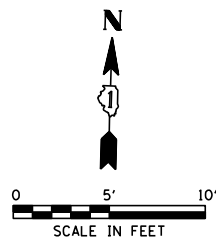
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	PLOT DATE = 4/1/2026	DATE - 4/1/2026	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED ADA RAMP GRADING PLAN  
SHEET 2 OF 2  
63RD STREET AND CASS AVENUE**

SCALE: 1" = 10'

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	33
CONTRACT NO. 61M40				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



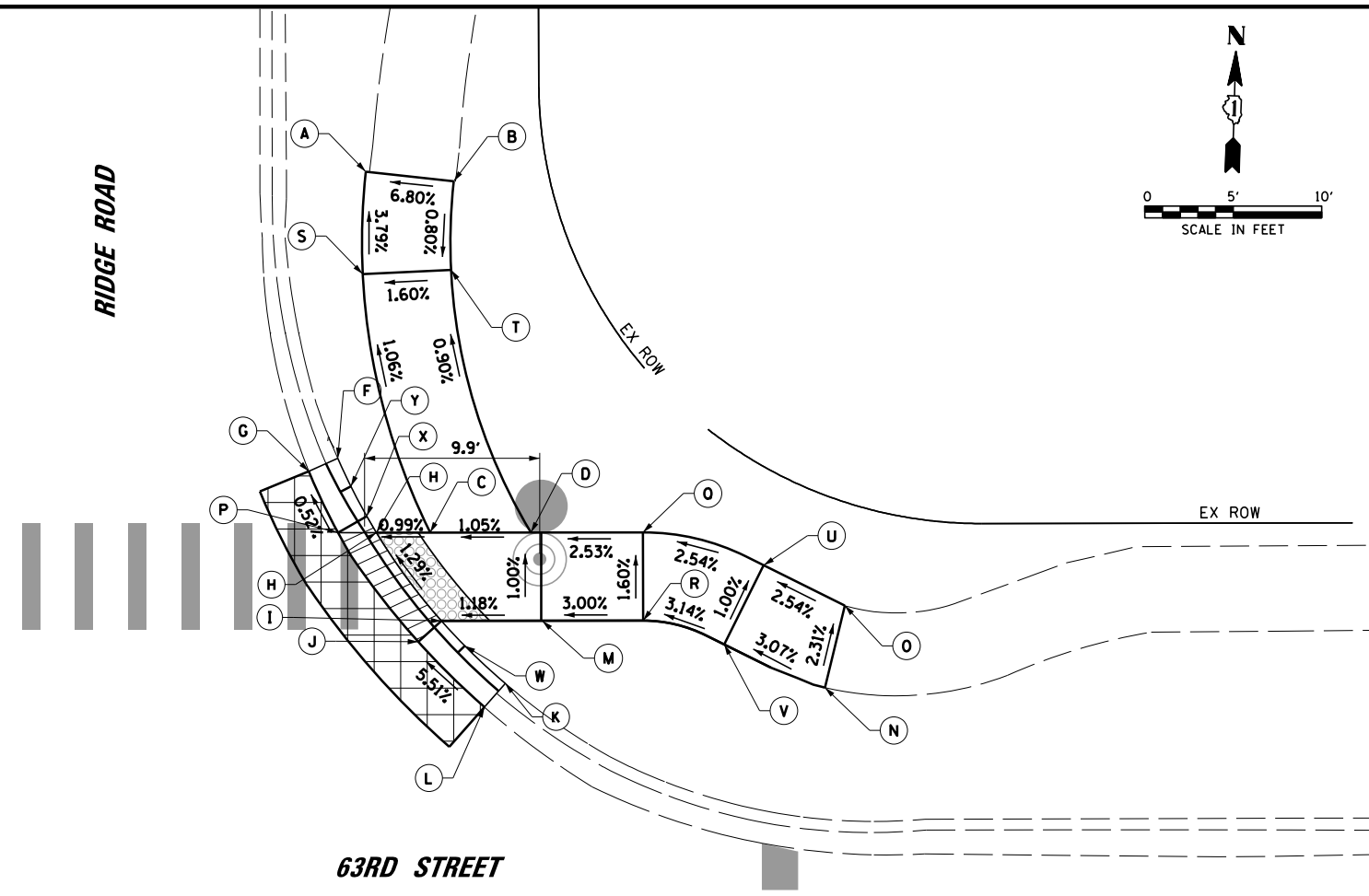
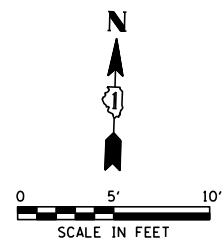
**NORTHWEST CORNER**

POINTS	STATION	OFFSET	ELEVATION
A	49+21.75	36.69 LT	758.59
B	49+21.53	41.77 LT	758.51
C	49+52.29	57.61 LI	756.94
D	49+50.82	57.98 LT	757.06
E	49+16.71	41.72 LT	758.59
F	49+16.75	36.65 LT	758.67
G	49+11.71	41.69 LT	758.75
H	49+11.75	36.63 LT	758.89
I	49+39.65	77.53 LT	756.51
J	49+44.46	78.87 LT	756.40
K	49+31.55	44.62 LT	758.15
L	49+30.30	47.01 LT	758.12
M	49+32.56	48.49 LT	758.08
N	49+34.19	46.34 LT	758.10
O	49+35.00	46.98 LT	758.09
P	49+38.90	51.15 LT	757.83
Q	49+39.63	52.21 LT	757.81
R	49+37.94	53.29 LT	757.84
S	49+39.19	55.54 LT	757.80
T	49+41.00	54.67 LT	757.77
U	49+45.53	52.51 LT	757.75
V	49+34.10	40.25 LT	758.22
W	49+36.00	37.56 LT	758.20
X	49+40.08	40.45 LT	758.12
Y	49+42.06	42.23 LT	758.27
Z	49+44.21	44.55 LT	757.83
AA	49+45.75	46.54 LT	757.68
AB	49+48.31	50.84 LT	757.60
AC	49+49.78	50.09 LT	757.60

POINTS	STATION	OFFSET	ELEVATION
AD	49+36.95	35.92 LT	758.20
AE	49+41.24	39.12 LT	758.12
AF	49+27.78	34.15 LT	758.70
AG	49+28.25	32.34 LT	758.61
AH	49+34.30	36.61 LT	758.35
AI	49+49.31	53.03 LT	757.74
AJ	49+38.18	43.14 LT	758.14
AK	49+42.95	48.22 LT	757.83
AL	49+47.07	45.62 LT	757.68
AM	49+41.62	70.09 LT	756.87
AN	49+46.50	71.12 LT	756.79
AO	49+42.32	66.15 LT	756.93
AP	49+47.28	66.66 LT	756.85
AQ	49+45.72	53.05 LT	757.72

**LEGEND:**

- DEPRESSED CURB AND GUTTER
- HMA SURFACE REMOVAL AND RESURFACING (3 FT FROM EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED.)



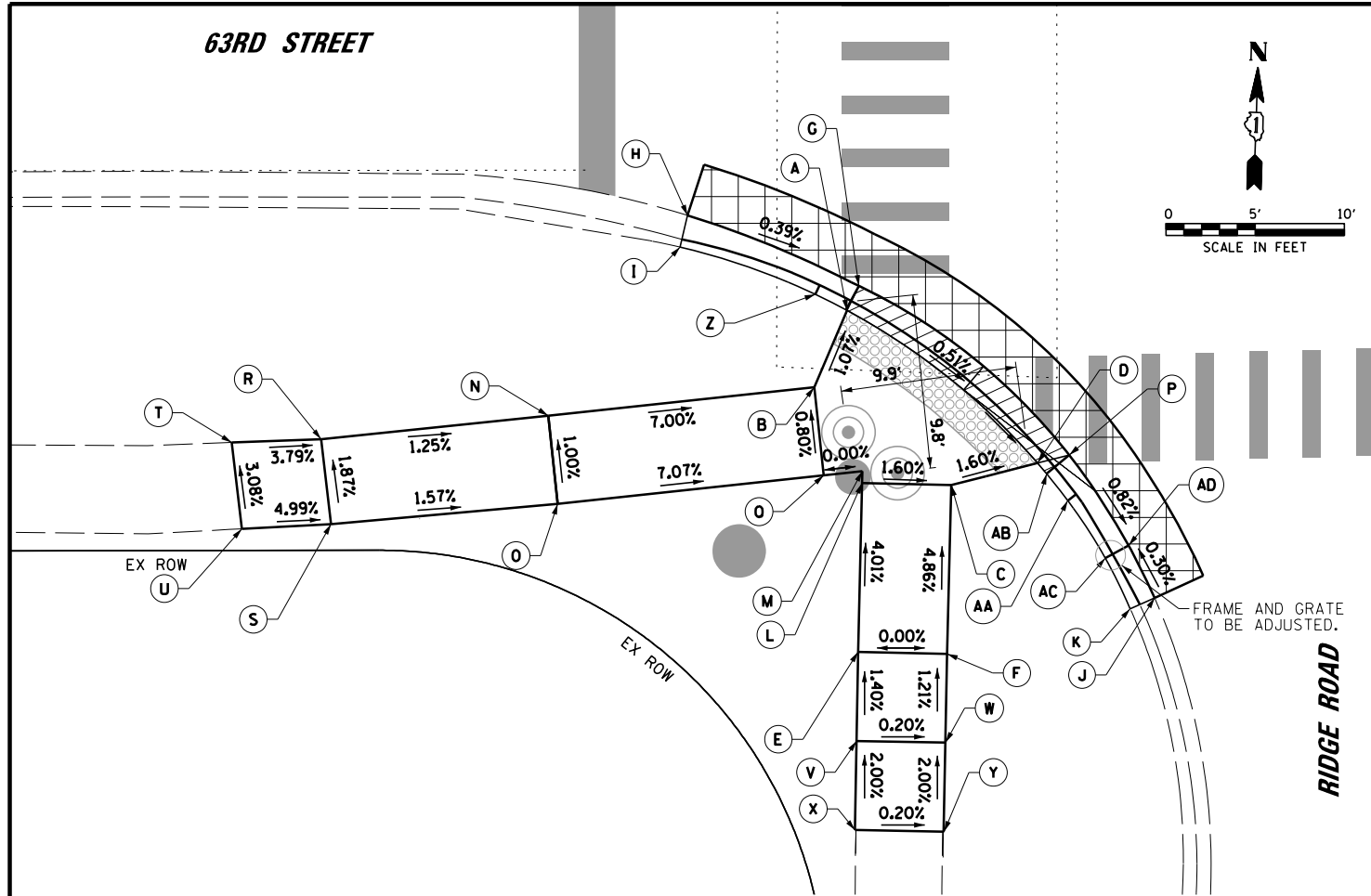
**NORTHEAST CORNER**

POINTS	STATION	OFFSET	ELEVATION
A	49+93.90	69.98 LT	756.79
B	49+98.87	69.43 LT	757.13
C	49+97.51	49.56 LT	757.17
D	50+03.21	49.55 LT	757.23
F	49+92.29	53.76 LT	757.10
G	49+90.55	53.04 LT	757.11
H	49+94.47	49.56 LT	757.14
I	49+98.13	44.56 LT	757.22
J	49+96.82	43.38 LT	757.22
K	50+01.74	41.01 LT	757.74
L	50+00.55	39.67 LT	757.51
M	50+03.20	44.55 LT	757.28
N	50+19.81	40.74 LT	757.81
O	50+20.34	45.37 LT	757.70
P	49+92.29	49.56 LT	757.13
Q	50+09.54	49.54 LT	757.39
R	50+09.54	44.54 LT	757.47
S	49+93.72	64.18 LT	757.01
T	49+98.72	64.42 LT	757.09
U	50+16.36	47.66 LT	757.57
V	50+14.12	43.19 LT	757.62
W	49+99.45	43.14 LT	757.37
X	49+93.32	50.48 LT	757.14
Y	49+93.03	52.17 LT	757.29

**CONSTRUCTION NOTE:**

- ① THE CONTRACTOR SHALL USE 35 FT RADIUS RADIAL DETECTABLE WARNING SURFACES FOR THE NE CORNER. THE CONTRACTOR SHALL BEST FIT THE RADIAL DETECTABLE WARNING SURFACES ALONG THE BACK OF CURB.

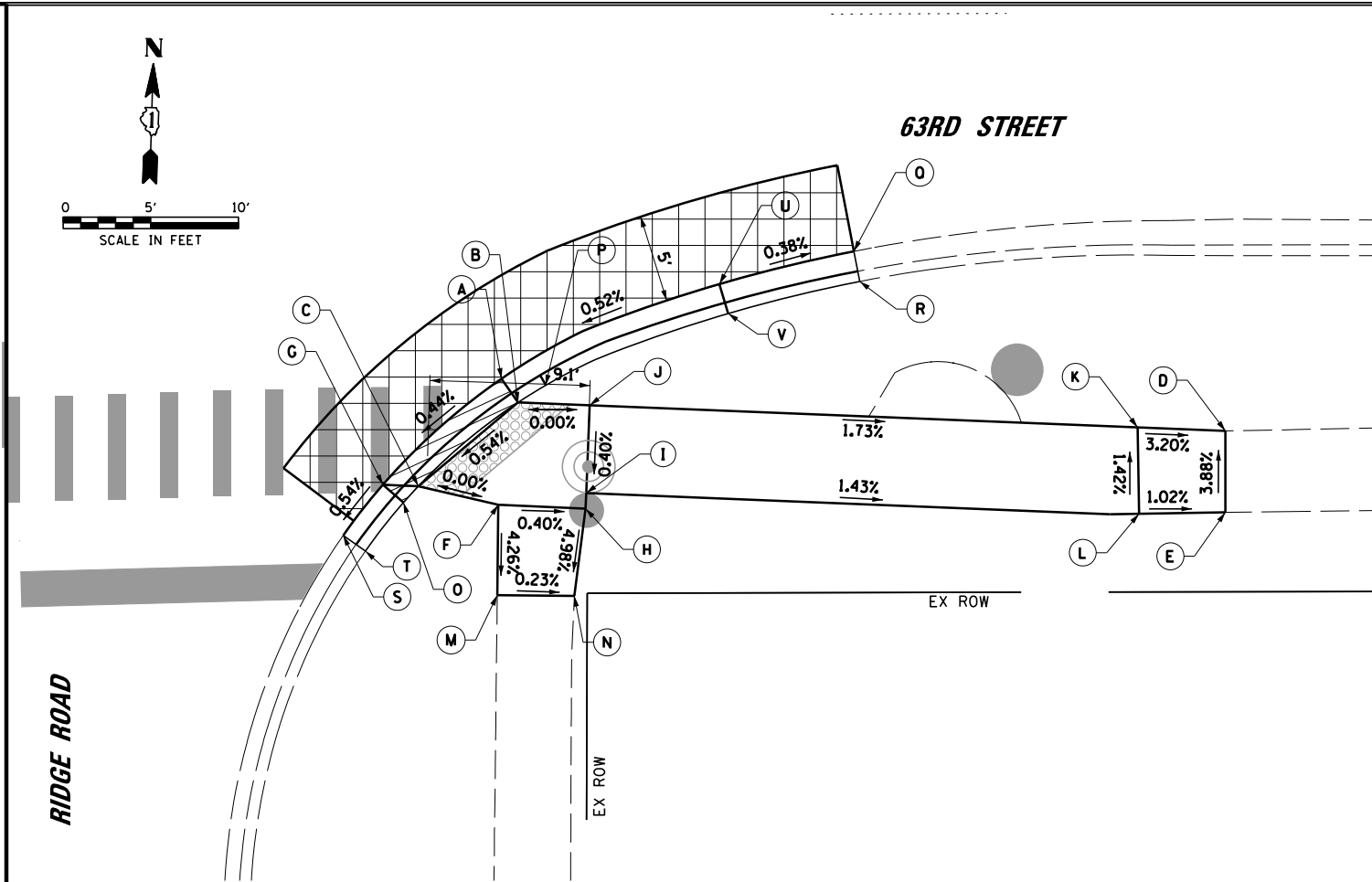
63RD STREET



**SOUTHWEST CORNER**

POINTS	STATION	OFFSET	ELEVATION
A	49+37.36	36.60 RT	758.21
B	49+35.51	40.90 RT	758.26
C	49+43.18	46.41 RT	758.22
D	49+48.03	45.18 RT	758.14
E	49+37.94	55.76 RT	758.68
F	49+42.94	55.88 RT	758.68
G	49+38.02	35.22 RT	758.21
H	49+28.43	31.25 RT	758.25
I	49+28.01	33.02 RT	758.25
J	49+54.58	52.76 RT	758.10
K	49+53.21	53.37 RT	758.24
L	49+38.19	46.28 RT	758.30
M	49+38.20	45.61 RT	758.30
N	49+20.59	42.47 RT	759.31
O	49+21.11	47.42 RT	759.36
P	49+49.80	44.73 RT	758.14
Q	49+36.03	45.85 RT	758.30
R	49+07.85	43.76 RT	759.47
S	49+08.39	48.53 RT	759.56
T	49+02.84	43.94 RT	759.66
U	49+03.39	48.78 RT	759.81
V	49+37.84	60.76 RT	758.75
W	49+42.84	60.85 RT	758.74
X	49+37.74	65.75 RT	758.85
Y	49+42.74	65.85 RT	758.84
Z	49+35.58	35.69 RT	758.36
AA	49+49.73	47.29 RT	758.29
AB	49+48.53	45.79 RT	758.14
AC	49+51.82	50.53 RT	758.09
AD	49+53.12	49.82 RT	758.09


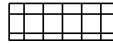
63RD STREET



**SOUTHEAST CORNER**

POINTS	STATION	OFFSET	ELEVATION
A	49+97.37	37.76 RT	757.99
B	49+98.30	39.12 RT	757.99
C	49+92.60	43.88 RT	757.95
D	50+38.61	40.83 RT	757.29
E	50+38.60	45.47 RT	757.47
F	49+97.17	44.95 RT	757.95
G	49+90.60	43.80 RT	757.95
H	50+02.13	45.18 RT	757.97
I	50+02.18	44.29 RT	757.97
J	50+02.39	39.30 RT	757.99
K	50+33.61	40.62 RT	757.45
L	50+33.68	45.54 RT	757.52
M	49+97.10	50.11 RT	757.73
N	50+01.49	50.16 RT	757.72
O	49+91.75	44.82 RT	757.95
P	49+99.89	38.14 RT	758.14
Q	50+17.47	30.55 RT	758.03
R	50+17.81	32.26 RT	758.40
S	49+88.32	46.68 RT	757.93
T	49+89.59	47.57	758.2
U	50+09.80	32.41	758.06
V	50+10.28	34.08	758.26

**LEGEND:**

-  DEPRESSED CURB AND GUTTER
-  HMA SURFACE REMOVAL AND RESURFACING (3 FT FROM EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED.)

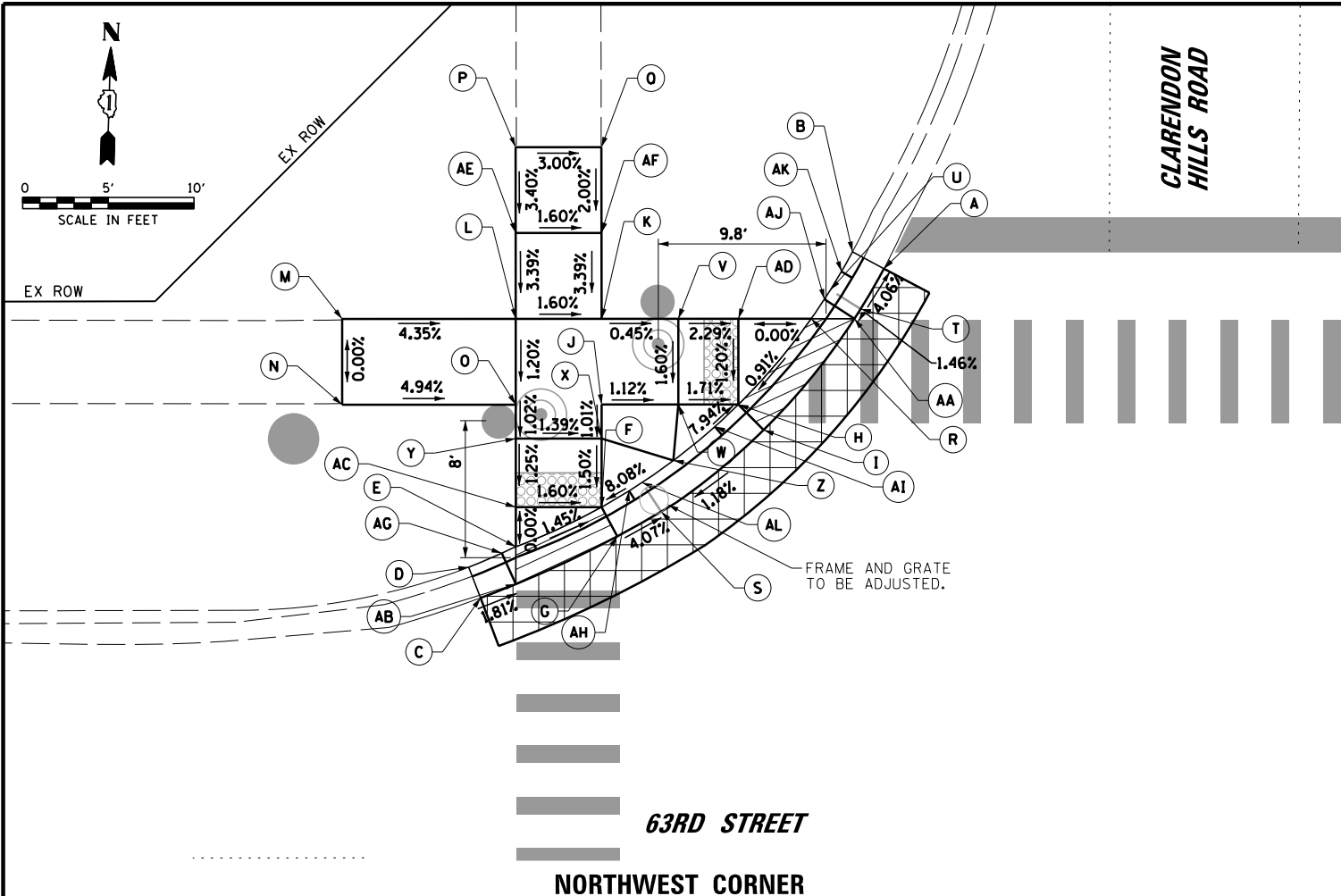
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	PLOT SCALE = 10'	CHECKED - EAJ	REVISED -
	PLOT DATE = 4/1/2026	DATE - 4/1/2026	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP GRADING PLAN  
SHEET 2 OF 2  
63RD STREET AND RIDGE ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	35
CONTRACT NO. 61M40				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



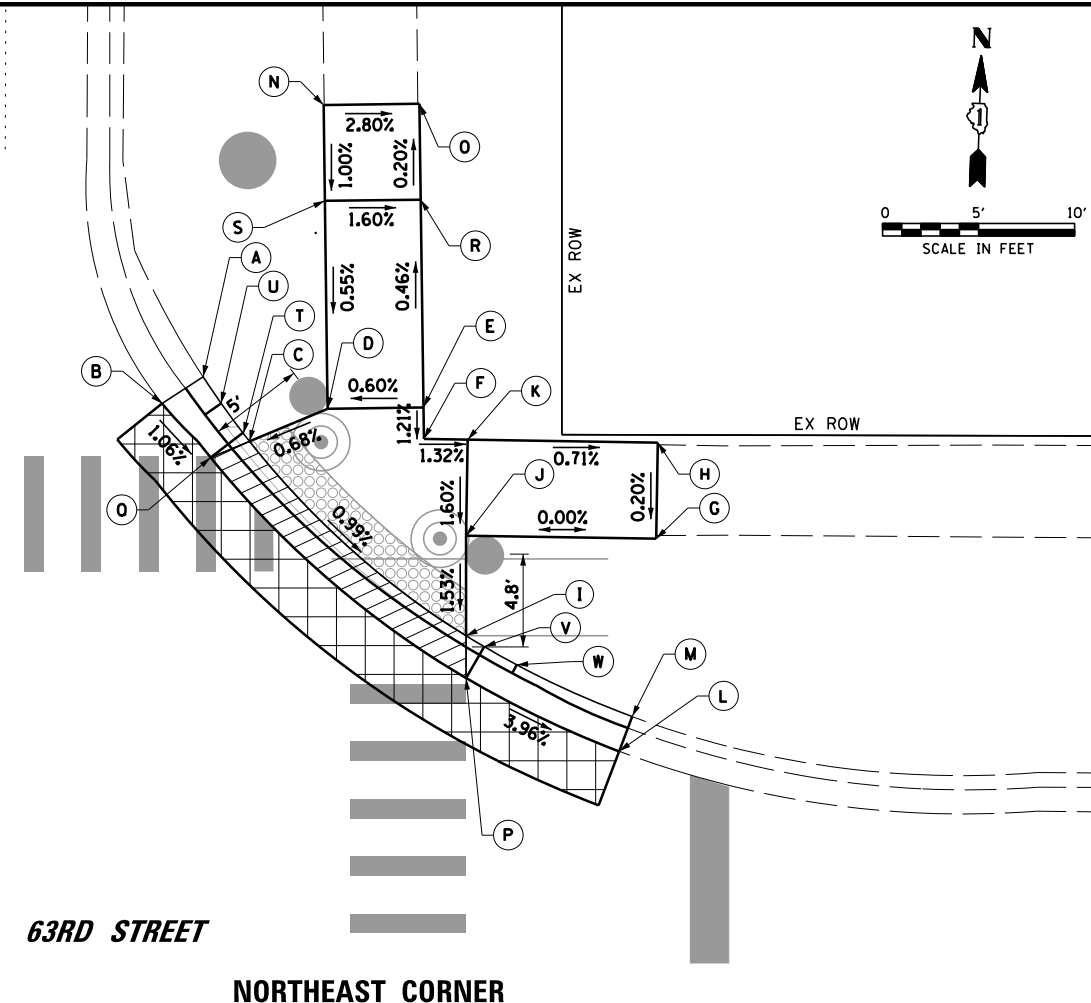
**63RD STREET  
NORTHWEST CORNER**

POINTS	STATION	OFFSET	ELEVATION
A	89+15.39	51.82 LT	733.72
B	89+13.56	52.80 LT	733.94
C	88+91.83	32.67 LT	733.92
D	88+91.14	34.46 LT	734.01
E	88+93.89	35.64 LT	733.86
F	88+98.90	37.95 LT	733.78
G	88+99.80	36.24 LT	733.78
H	89+06.88	43.91 LT	733.75
I	89+08.35	42.42 LT	733.75
J	88+98.91	43.93 LT	733.86
K	88+98.91	48.93 LT	733.91
L	88+93.91	48.93 LT	733.99
M	88+83.79	48.89 LT	734.43
N	88+83.78	43.95 LT	734.43
O	88+93.91	43.93 LT	733.93
P	88+93.93	58.95 LT	734.33
Q	88+98.93	58.94 LT	734.18
R	89+11.14	48.91 LT	733.81
S	89+02.37	37.68 LT	733.66
T	89+14.01	49.49 LT	733.83
U	89+12.26	50.59 LT	733.86
V	89+03.39	48.92 LT	733.89
W	89+03.38	43.92 LT	733.81
X	88+98.90	41.95 LT	733.84
Y	88+93.88	41.96 LT	733.91
Z	89+03.09	40.66 LT	734.09

POINTS	STATION	OFFSET	ELEVATION
AA	89+13.66	48.90 LT	733.82
AB	88+93.89	33.47 LT	733.88
AC	88+93.90	37.96 LT	733.86
AD	89+06.89	48.91 LT	733.81
AE	88+93.92	53.95 LT	734.16
AF	88+98.92	53.94 LT	734.08
AG	88+93.07	35.27 LT	733.86
AH	89+00.50	38.89 LT	733.93
AI	89+05.50	42.62 LT	733.90
AJ	89+11.92	50.04 LT	733.81
AK	89+12.91	51.66 LT	733.96
AL	89+01.26	39.37 LT	733.68

**LEGEND:**

- DEPRESSED CURB AND GUTTER
- HMA SURFACE REMOVAL AND RESURFACING (3 FT FROM EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED.)



**63RD STREET  
NORTHEAST CORNER**

POINTS	STATION	OFFSET	ELEVATION
A	89+74.11	52.96 LT	733.51
B	89+71.99	51.57 LT	733.25
C	89+76.54	49.60 LT	733.20
D	89+80.61	51.31 LT	733.23
E	89+85.60	51.40 LT	733.26
F	89+85.63	49.75 LT	733.24
G	89+97.74	44.58 LT	733.13
H	89+97.81	49.58 LT	733.14
I	89+87.85	39.50 LT	733.05
J	89+87.83	44.72 LT	733.13
K	89+87.91	49.72 LT	733.21
L	89+95.84	33.50 LT	732.70
M	89+96.51	35.32 LT	732.83
N	89+80.36	67.14 LT	733.34
O	89+85.36	67.22 LT	733.20
P	89+87.85	37.30 LT	733.05
Q	89+74.52	48.75 LT	733.21
R	89+85.43	62.22 LT	733.21
S	89+80.43	62.14 LT	733.29
T	89+76.19	50.05 LT	733.20
U	89+75.06	51.58 LT	733.35
V	89+88.80	38.93 LT	733.05
W	89+90.49	38.00 LT	733.20

FILE NAME =	USER NAME = bchavez	DESIGNED - BC	REVISED -
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	PLOT SCALE = 10'	CHECKED - EAJ	REVISED -
	PLOT DATE = 4/1/2026	DATE - 4/1/2026	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

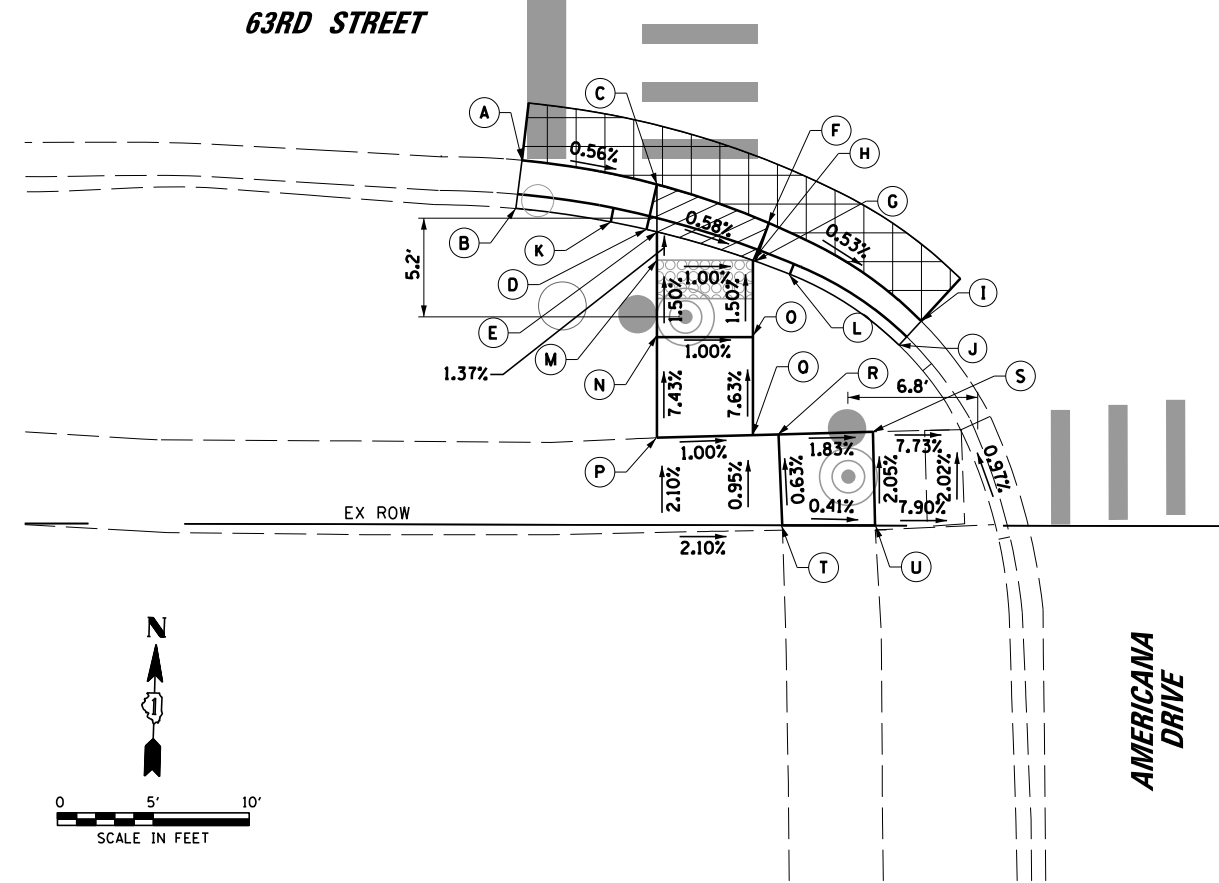
**PROPOSED ADA RAMP GRADING PLAN  
SHEET 1 OF 2  
63RD STREET AND CLARENDON HILLS ROAD**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	36
CONTRACT NO. 61M40				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

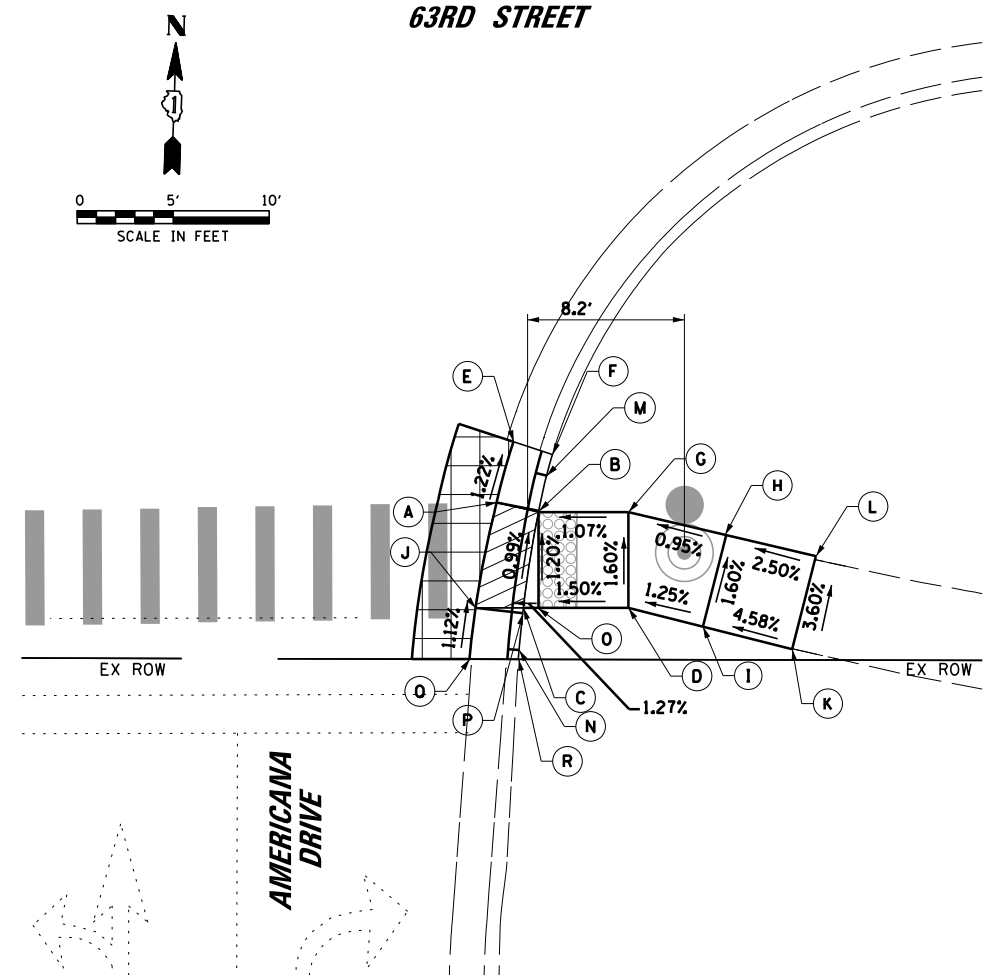






**SOUTHWEST CORNER**

POINTS	STATION	OFFSET	ELEVATION
A	105+86.69	45.98 RT	726.52
B	105+86.37	48.49 RT	726.59
C	105+93.72	47.22 RT	726.48
D	105+93.19	49.56 RT	726.48
E	105+93.73	49.70 RT	726.48
F	105+99.56	49.22 RT	726.45
G	105+98.85	51.21 RT	726.45
H	105+98.73	51.17 RT	726.45
I	106+07.53	54.32 RT	726.40
J	106+06.36	55.56 RT	726.53
K	105+91.32	49.17 RT	726.63
L	106+00.66	51.89 RT	726.60
M	105+93.73	51.16 RT	726.50
N	105+93.74	55.17 RT	726.56
O	105+98.74	55.16 RT	726.51
P	105+93.73	60.42 RT	726.95
Q	105+98.75	60.27 RT	726.90
R	106+00.09	60.23 RT	726.88
S	106+05.00	60.08 RT	726.79
T	106+00.30	64.96 RT	726.91
U	106+05.13	64.96 RT	726.89



**SOUTHEAST CORNER**

POINTS	STATION	OFFSET	ELEVATION
A	106+65.84	56.79 RT	726.08
B	106+68.01	57.28 RT	726.08
C	106+67.24	62.28 RT	726.13
D	106+72.71	62.27 RT	726.21
E	106+66.70	53.62 RT	726.04
F	106+68.74	54.28 RT	726.22
G	106+72.70	57.27 RT	726.13
H	106+77.82	58.37 RT	726.18
I	106+76.59	63.23 RT	726.26
J	106+64.75	62.29 RT	726.13
K	106+81.25	64.39 RT	726.48
L	106+82.47	59.54 RT	726.30
M	106+68.43	55.39 RT	726.23
N	106+67.03	64.48 RT	726.28
O	106+68.03	62.28 RT	726.14
P	106+67.21	62.56 RT	726.08
Q	106+64.44	64.96 RT	726.16
R	106+66.99	64.95 RT	726.49

**LEGEND:**

- DEPRESSED CURB AND GUTTER
- HMA SURFACE REMOVAL AND RESURFACING (3 FT FROM EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED.)

FILE NAME =	USER NAME = bchavez	DESIGNED - BC	REVISED -
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	PLOT SCALE = 1/8"	CHECKED - EAJ	REVISED -
	PLOT DATE = 4/1/2026	DATE - 4/1/2026	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED ADA RAMP GRADING PLAN  
SHEET 2 OF 2  
63RD STREET AND AMERICANA DRIVE**

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

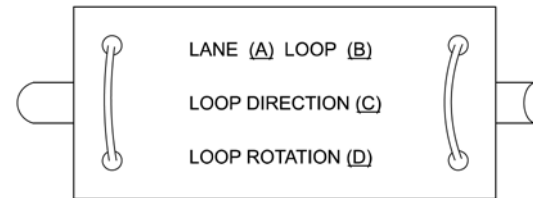
F.A.U. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	39
<b>CONTRACT NO. 61M40</b>				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

# TRAFFIC SIGNAL LEGEND

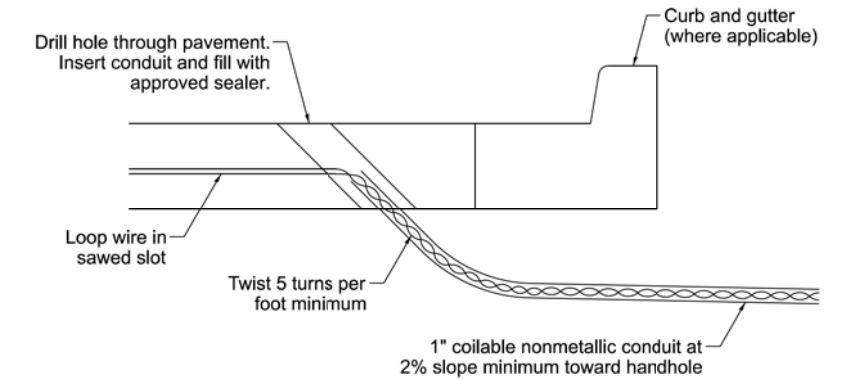
ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
Traffic Signal Cabinet			Handhole			Signal Head		
Uninterruptable Power Supply			-Square			-(P) Programmable Signal Head		
Communication Cabinet			-Round			-(EV) Elongated Visors		
Master Controller			Double Handhole			Signal Head with Backplate		
Master Master Controller			Heavy Duty Handhole			-(RB) Retroreflective Backplate		
Service Installation			-Square			-(P) Programmable Signal Head		
-(P) Pole Mounted			-Round			-(EV) Elongated Visors		
Service Installation			Junction Box			Pedestrian Signal Head		
-(G) Ground Mounted			Railroad Cantilever Mast Arm			with Countdown Timer		
-(GM) Ground Mounted Metered			Railroad Flashing Signal			Illuminated LED Sign		
Cellular Modem			Railroad Crossing Gate			"NO LEFT TURN"/"NO RIGHT TURN"		
Telephone Connection			Railroad Crossing Buck			Electric Cable, Signal, No. 14 -		
Steel Mast Arm Assembly and Pole			Railroad Controller Bungalow			2/C, 3/C, 5/C, 7/C		
Aluminum Mast Arm Assembly and Pole			Underground Conduit (UC), Galvanized Steel			Electric Cable, Lead-In, No. 14, 1 Pair		
Steel Combination Mast Arm Assembly and Pole with Luminaire			Temporary Span Wire, Tether Wire, and Cable			Service Cable, 2/C -		
Signal Post			System Item			No. 2, No. 4, No. 6		
-(BM) Barrel Mounted - Temporary			Intersection Item			Ground Cable		
Wood Pole			Removal Item			No. 6 Solid Copper (Green), 1/C		
Guy Wire			Relocate Item			Electric Cable, Tracer, No. 14, 1/C		
Signal Head			Abandon Item			Railroad No. 14 3/C		
Signal Head with Backplate			Controller Cabinet and Foundation to be Removed			SOOW		
Signal Head - Programmable			Mast Arm Pole and Foundation to be Removed			Electric Cable, Street Name Sign No. 14, 3/C, Type SOOW		
Flasher Installation			Signal Post and Foundation to be Removed			Vendor Cable		
-(FS) Solar Powered			Detector Loop, Type I			Emergency Vehicle Priority Line Sensor Cable, No. 20, 3/C		
Pedestrian Signal Head			Preformed Detector Loop			Outdoor Rated Network Cable		
Pedestrian Push Button			Wireless Detector Sensor			Fiber Optic Cable		
-(APS) Accessible Pedestrian Push Button						-12F: 12 Multimode		
Radar Detection Sensor						-24F: 12 Multimode / 12 Single Mode		
Video Detection Camera						-36F: 12 Multimode / 24 Single Mode		
Radar/Video Detection Zone						-24SM: 24 Single Mode		
Pan, Tilt, Zoom (PTZ) Camera						-48SM: 48 Single Mode		
Emergency Vehicle Light Detector						Ground Rod		
Confirmation Beacon						-(C) Controller		
Wireless Interconnect						-(M) Mast Arm		
Wireless Interconnect Radio Repeater						-(P) Post		
Wireless Access Point						-(S) Service		

**DETECTOR LOOP NOTES:**

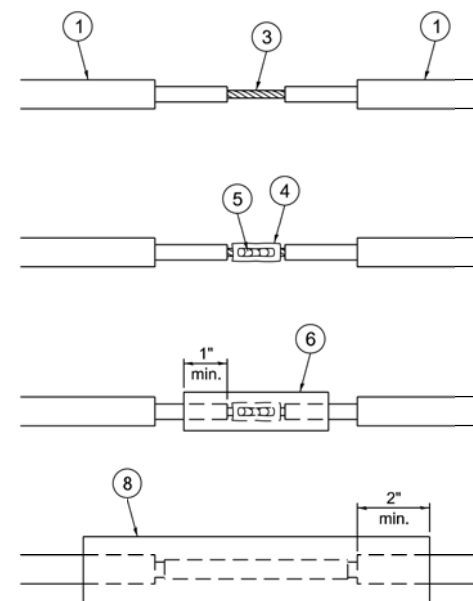
1. LOOPS SHALL BE SPLICED IN SERIES.
2. SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" AT A DEPTH OF 3". IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
3. LOOP CORNERS SHALL BE DRILLED WITH A 2" DIAMETER CORE.
4. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NON-METALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6". EMPTY COILABLE NON-METALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE DETECTOR LOOP PAY ITEM.
5. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
6. EACH LEAD-IN CABLE SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP NUMBER, LOOP DIRECTION (IN OR OUT), AND LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE) IN WATER PROOF INK. SEE DETECTOR LOOP LEAD-IN CABLE TAG DETAIL. THE CONTRACTOR SHALL MARK THE LOOP LOCATIONS ON THE RECORD DRAWINGS AND PRESENT THEM TO THE ENGINEER AFTER THE FINAL INSPECTION.
7. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
8. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND THE DIVE HOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" APART.
9. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS.
10. PREFORMED DETECTOR LOOPS SHALL BE USED WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.



- A. Lane 1 is the lane closest to the centerline of the roadway.
- B. Loop #1 is the loop closest to the intersection.
- C. Label loop cable "in" or loop cable "out".
- D. Label loop cable clockwise or loop cable counterclockwise.



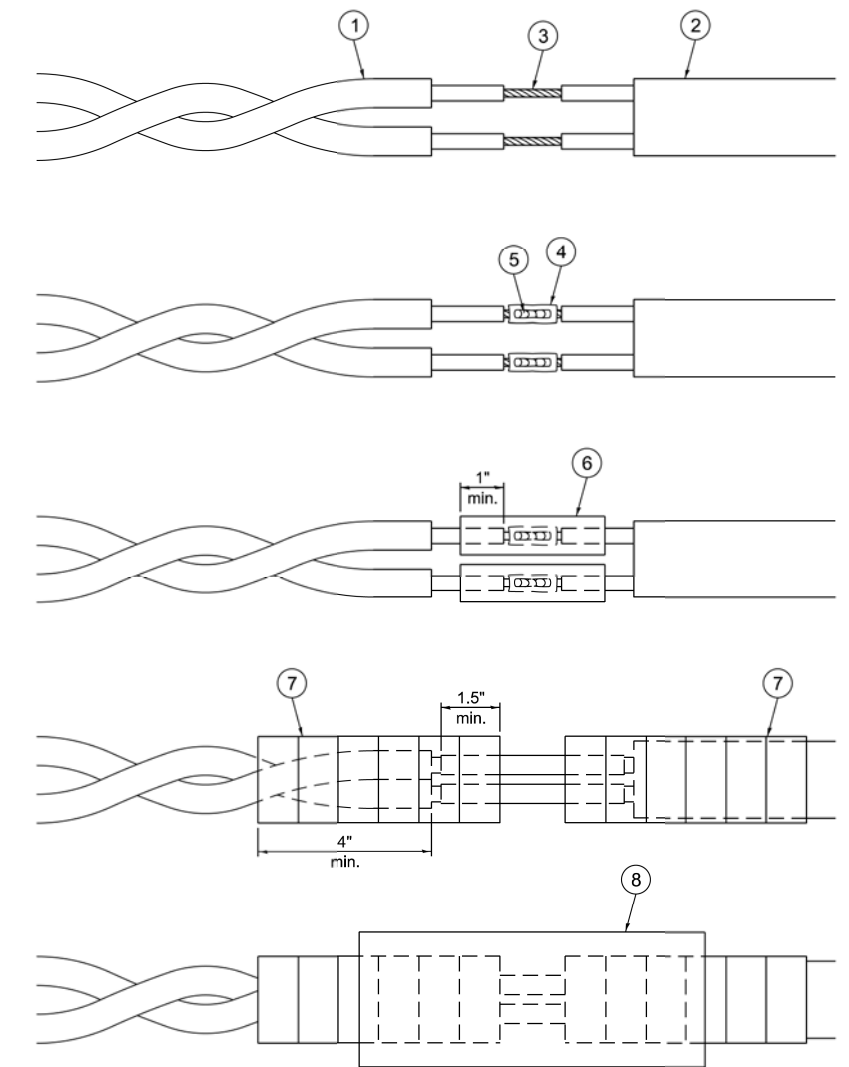
**DETECTOR LOOP LEAD-IN CABLE TAG**



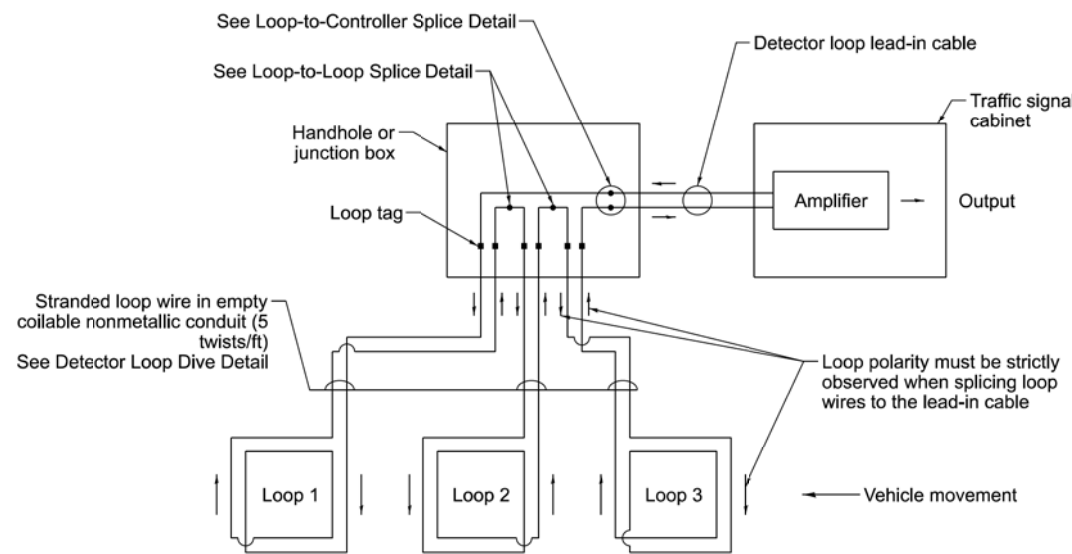
**LOOP-TO-LOOP SPICE DETAIL**

1. Detector loop cable.
2. Detector loop lead-in cable
3. Bare conductors twisted together.
4. Butt splice crimp connector.
5. Splice soldered with rosin core flux. All exposed surfaces of the solder shall be smooth. The splices shall be staggered.
6. WCSMW 30/100 heat shrink tube, 3" minimum length, underwater grade.
7. Self-infused, silicone electrical tape tightly wrapped around cables.
8. WCS 200/750 heat shrink tube, 8" minimum length, underwater grade.

**DETECTOR LOOP DIVE DETAIL**



**LOOP-TO-CONTROLLER SPICE DETAIL**



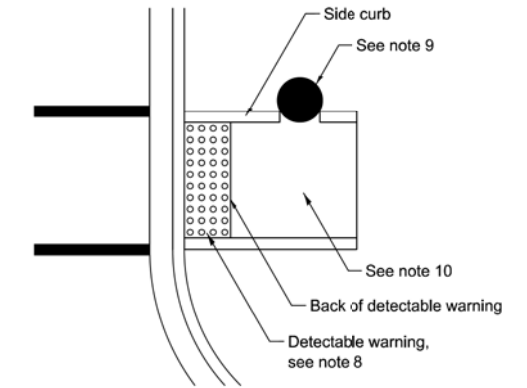
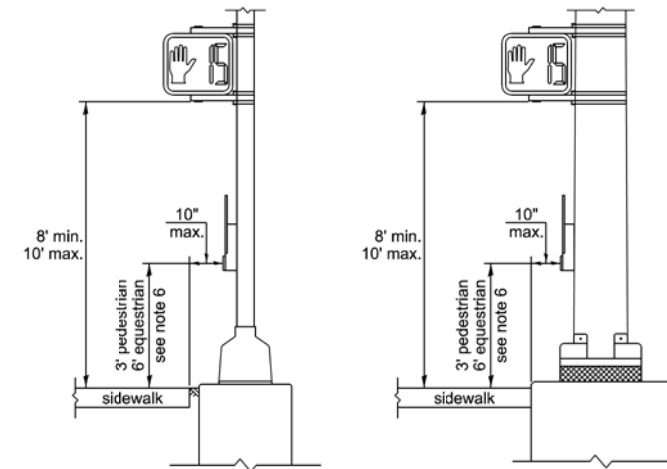
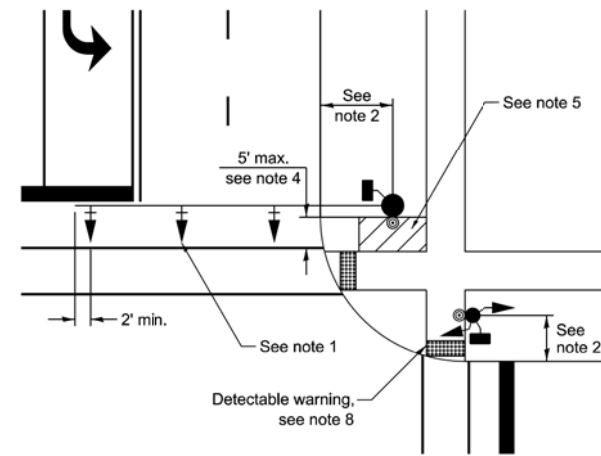
**DETECTOR LOOP WIRING SCHEMATIC**

USER NAME = lovan_plascenda	DESIGNED - IP	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAILS</b>	F.A.U. RTE. 1518	SECTION 20-00288-05-TL	COUNTY DUPAGE	TOTAL SHEETS 87	SHEET NO. 41		
	DRAWN - IP	REVISED -			<b>TS-01</b>		CONTRACT NO. 61M40				
	CHECKED - NB/KK	REVISED -			ILLINOIS FED. AID PROJECT						
PLOT DATE =	DATE - 10/15/2025	REVISED -			SCALE: NTS	SHEET 2 OF 7 SHEETS	STA. TO STA.				

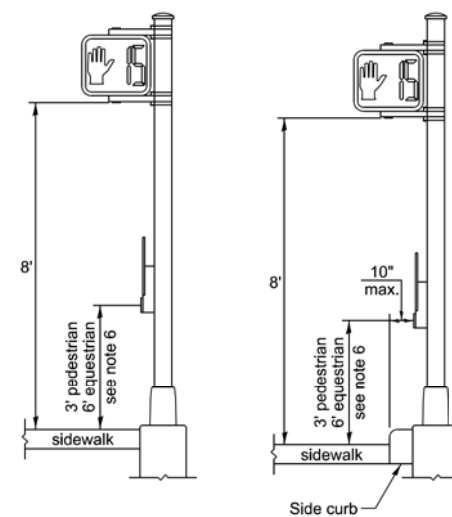
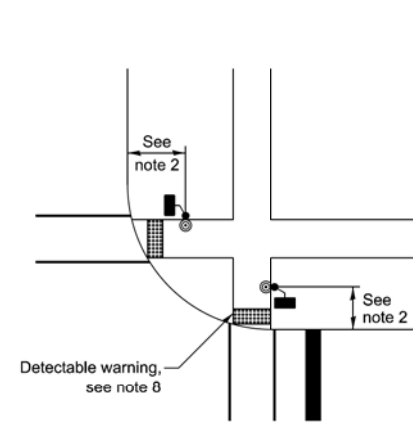
**NOTES:**

1. THE MAST ARM MOUNTED SIGNAL HEADS SHALL BE CENTERED ON THE LANES OR AS SHOWN ON THE TRAFFIC SIGNAL PLANS.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET MINIMUMS TABLE.
3. A 4' MINIMUM UNOBSTRUCTED PEDESTRIAN ACCESS ROUTE SHALL BE MAINTAINED.
4. THE PUSH-BUTTON SHALL BE LOCATED 5' OR LESS FROM THE OUTSIDE EDGE OF THE MARKED CROSSWALK FARTHEST FROM THE INTERSECTION FOR THE CROSSWALK THAT THE PUSH-BUTTON CONTROLS.
5. IF THE MAST ARM POLE OR SIGNAL POST WHERE THE PUSH-BUTTON IS TO BE INSTALLED IS NOT IMMEDIATELY ADJACENT TO THE SIDEWALK, PROVIDE A FIRM, STABLE, AND SLIP RESISTANT SURFACE UP TO THE MAST ARM POLE OR SIGNAL POST. THE MINIMUM PAVED AREA IN FRONT OF THE PUSH-BUTTON SHALL BE 2.5' X 4'. IF THIS DOES NOT MEET THE REQUIREMENT STATED IN NOTE 3, A SEPARATE PEDESTRIAN SIGNAL POST SHALL BE INSTALLED TO PLACE THE PUSH-BUTTON ADJACENT TO THE SIDEWALK SURFACE.
6. THE HEIGHT OF THE PEDESTRIAN PUSH-BUTTON SHALL BE 36". IF APPROVED BY THE AREA TRAFFIC SIGNAL ENGINEER, THE PUSH-BUTTON MAY BE LOCATED AT A HEIGHT BETWEEN 30" AND 42". THE HEIGHT OF THE EQUESTRIAN PUSH-BUTTON SHALL BE 72" OR AS DIRECTED BY THE ENGINEER.
7. THE FACE OF THE PUSH-BUTTON SHALL BE PARALLEL TO THE CROSSWALK IT CONTROLS.
8. THE PUSH-BUTTON SHALL BE LOCATED BEHIND THE DETECTABLE WARNING.
9. WHERE A PUSH-BUTTON IS BEING INSTALLED ON A MAST ARM POLE OR SIGNAL POST ADJACENT TO THE PEDESTRIAN ACCESS ROUTE, THE PROPOSED FOUNDATION SHALL BE INSTALLED WITHIN THE SIDE CURB IN ORDER TO MEET THE 10" REACH REQUIREMENT.
10. THE SIDEWALK PANEL IN FRONT OF THE PUSH-BUTTON SHALL HAVE A SLOPE LESS THAN 5%.
11. WHERE TWO PEDESTRIAN PUSH-BUTTONS ARE PROVIDED ON THE SAME CORNER, THEY SHALL BE 10' OR MORE APART. EXCEPTION: IN ALTERATIONS WHERE TECHNICALLY INFEASIBLE TO PROVIDE 10' SEPARATION BETWEEN PUSH-BUTTONS ON THE SAME CORNER.
12. CORRESPONDING PEDESTRIAN EQUIPMENT (SIGNAL HEAD AND PUSH-BUTTON) SHALL BE INSTALLED ON THE SAME POST CLOSEST TO THE CROSSWALK IT CONTROLS.
13. PEDESTRIAN SIGNAL HEADS INSTALLED ON MAST ARM POLES OR SIGNAL POSTS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) NOT LESS THAN 8' OR MORE THAN 10' ABOVE SIDEWALK LEVEL. PEDESTRIAN SIGNAL HEADS INSTALLED ON PEDESTRIAN SIGNAL POSTS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) NOT LESS THAN 8' ABOVE SIDEWALK LEVEL. THE PEDESTRIAN SIGNAL HEADS SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
14. THE LOCATIONS OF THE PEDESTRIAN PUSH-BUTTONS AND PEDESTRIAN SIGNAL HEADS SHALL MEET THE REQUIREMENTS OF THE MUTCD, PROWAG, AND THE REQUIREMENTS ON THIS DETAIL SHEET.

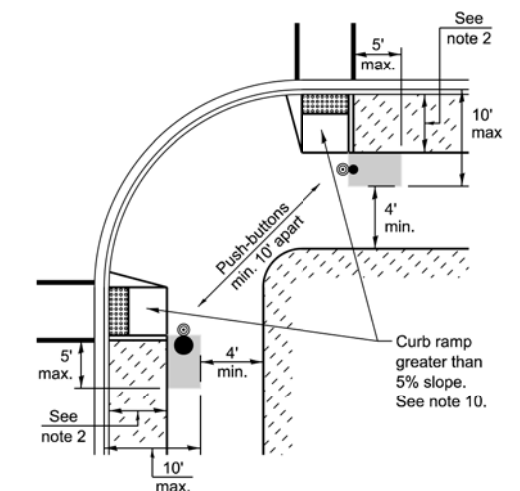
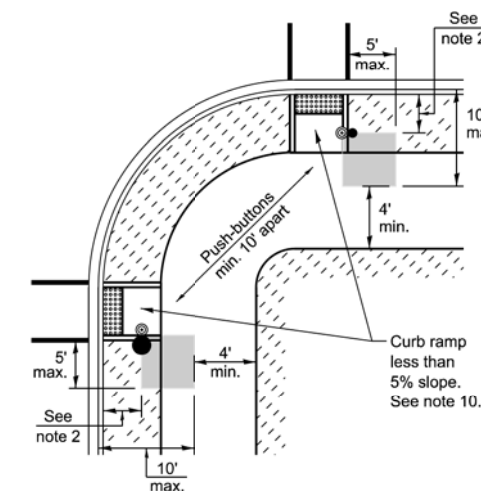
**TRAFFIC SIGNAL MAST ARM AND SIGNAL POST**



**PEDESTRIAN SIGNAL POST**



**PUSH-BUTTON LOCATIONS**

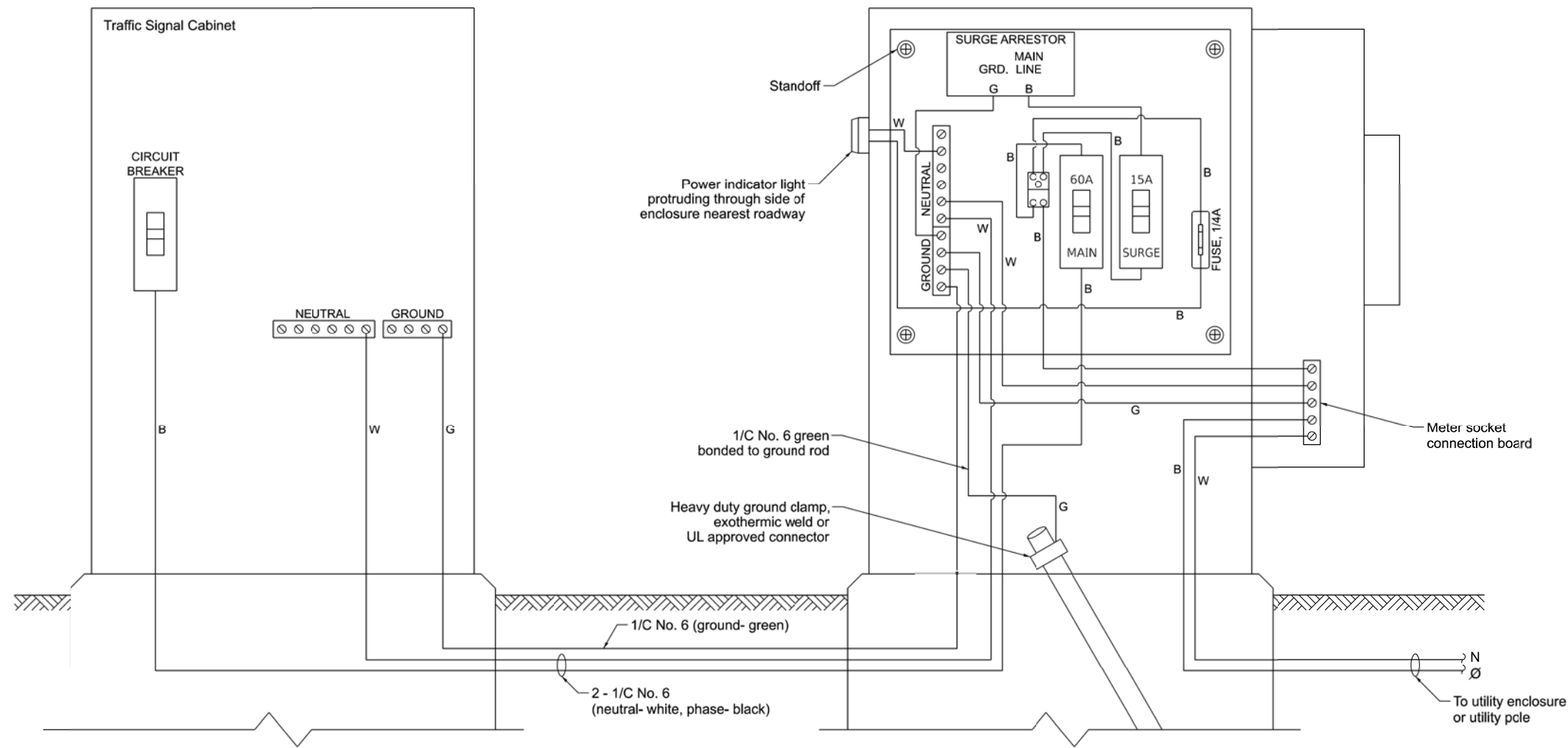


TRAFFIC SIGNAL EQUIPMENT	BARRIER CURB (MINIMUM DISTANCE FROM THE BACK OF CURB TO THE CENTER OF THE FOUNDATION)	SHOULDER / NON-BARRIER CURB (MINIMUM DISTANCE FROM THE EDGE LINE OF THE RIGHT-MOST LANE TO THE CENTER OF THE FOUNDATION)
Mast arm assembly and pole	6'	Shoulder width + 2', minimum 10'
Signal post	4'	Shoulder width + 2', minimum 10'
Pedestrian signal post	4'	4' - See note 2
Temporary wood pole	6'	Shoulder width + 2', minimum 10'
Traffic signal cabinet	6' - See Note 3	Shoulder width + 6', minimum 16' - See note 3
Service cabinet	6' - See Note 3	Shoulder width + 6', minimum 16' - See note 3

**TRAFFIC SIGNAL EQUIPMENT OFFSET MINIMUMS**

**NOTES:**

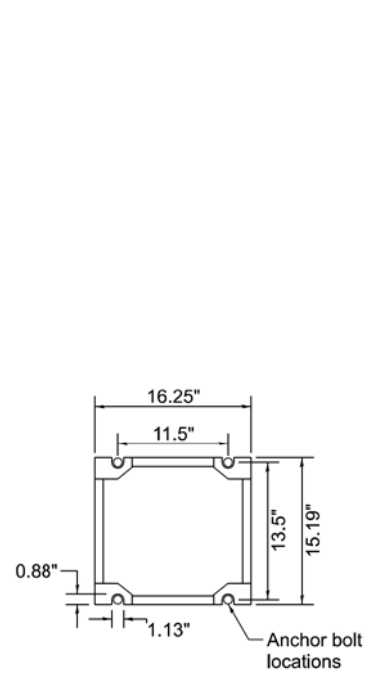
1. CONTACT THE AREA TRAFFIC SIGNAL ENGINEER FOR ASSISTANCE LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS AND THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF THE DETECTABLE WARNING.
3. MINIMUM DISTANCE TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" TABLE AND THE TRAFFIC SIGNAL PLAN COULD AFFECT THE PLACEMENT OF THE TRAFFIC SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS, AND THE PEDESTRIAN PUSH-BUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THESE REQUIREMENTS. THE LOCATIONS OF THE PEDESTRIAN PUSH-BUTTONS AND PEDESTRIAN SIGNAL HEADS SHALL MEET THE REQUIREMENTS OF THE MUTCD, PROWAG, AND THE REQUIREMENTS ON THIS DETAIL SHEET.



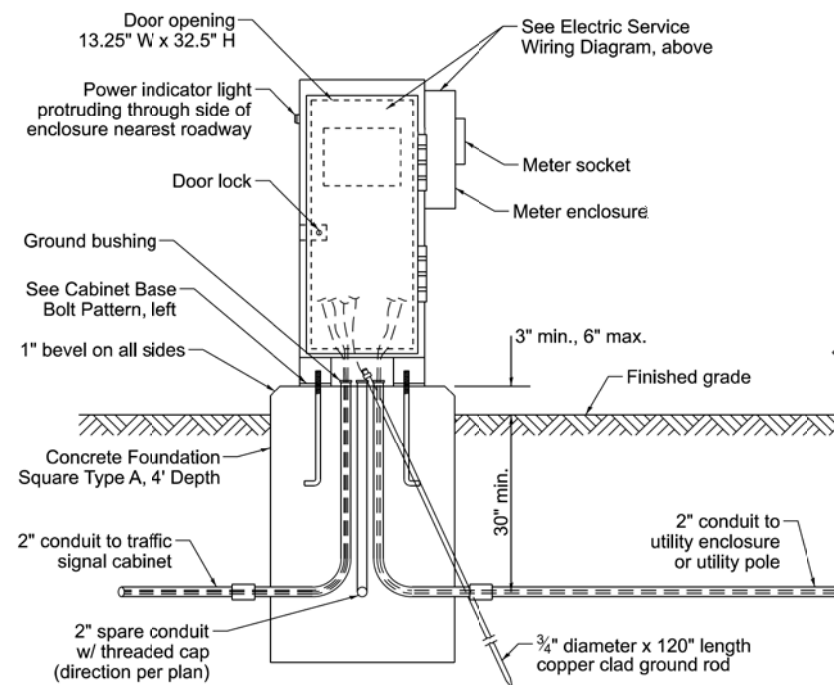
**NOTES:**

1. THE GROUND MOUNTED SERVICE CABINET IS TO BE LOCATED BETWEEN THE TRAFFIC SIGNAL CABINET AND THE UTILITY CONNECTION, PREFERABLY 20' TO 50' FROM THE TRAFFIC SIGNAL CONTROLLER CABINET.
2. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO UL STD. 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE UL LABEL.
3. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
4. THE METER SOCKET IS TO BE PROVIDED BY THE CONTRACTOR. THE METER IS TO BE PROVIDED BY THE UTILITY COMPANY.

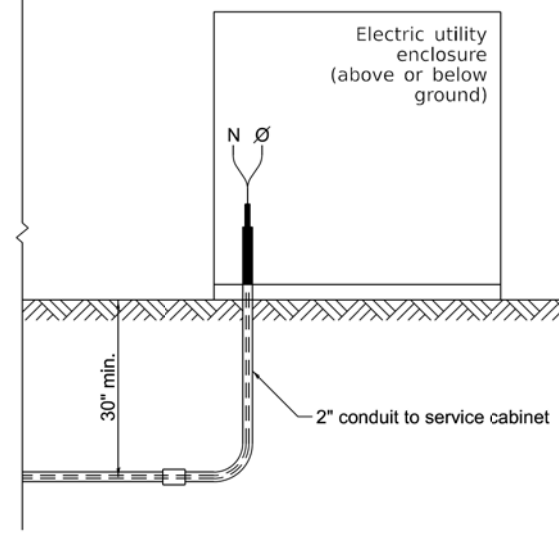
**ELECTRIC SERVICE WIRING DIAGRAM IN GROUND MOUNTED SERVICE CABINET**



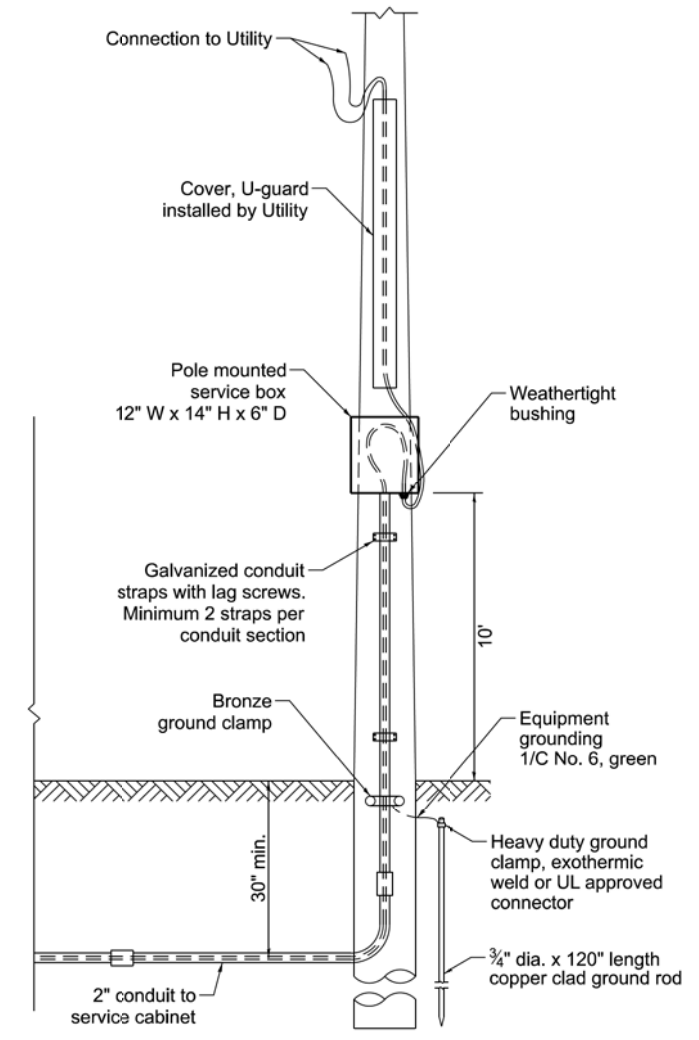
**CABINET BASE BOLT PATTERN**



**SERVICE INSTALLATION - GROUND MOUNTED WITH METER**



**CONNECTION TO UTILITY ENCLOSURE**



**CONNECTION TO UTILITY POLE**

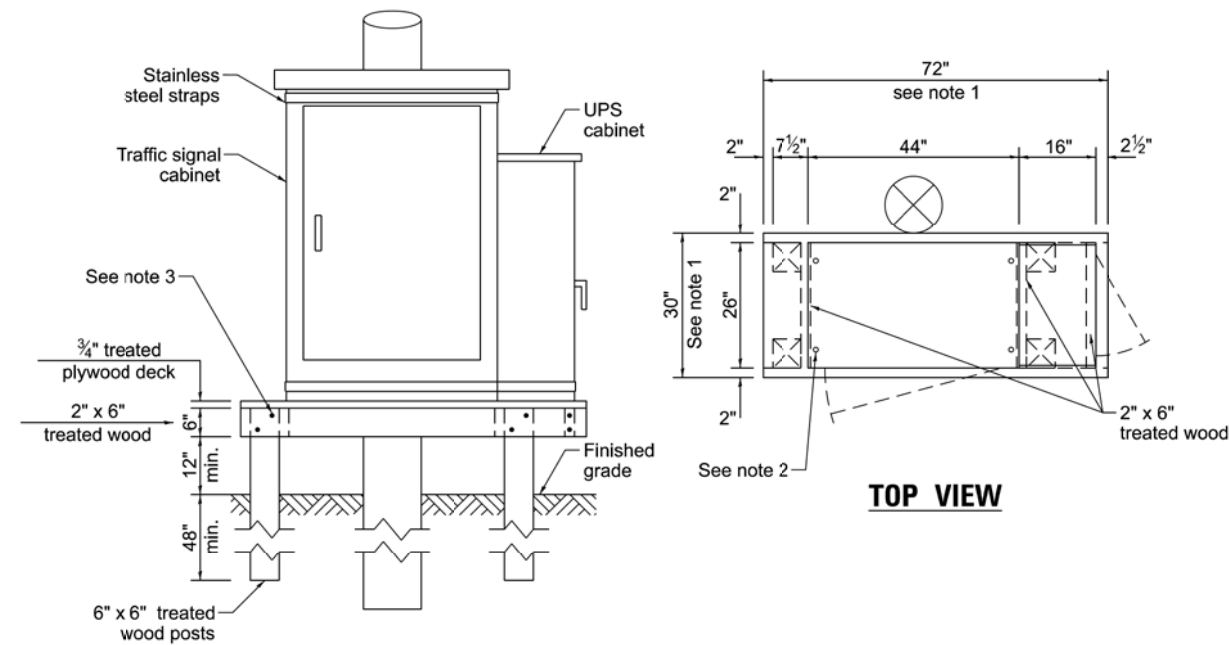
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	CHECKED - NB/KK	REVISED -
PLOT DATE =	DATE - 10/15/2025	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT 1  
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NTS SHEET 4 OF 7 SHEETS STA. TO STA.

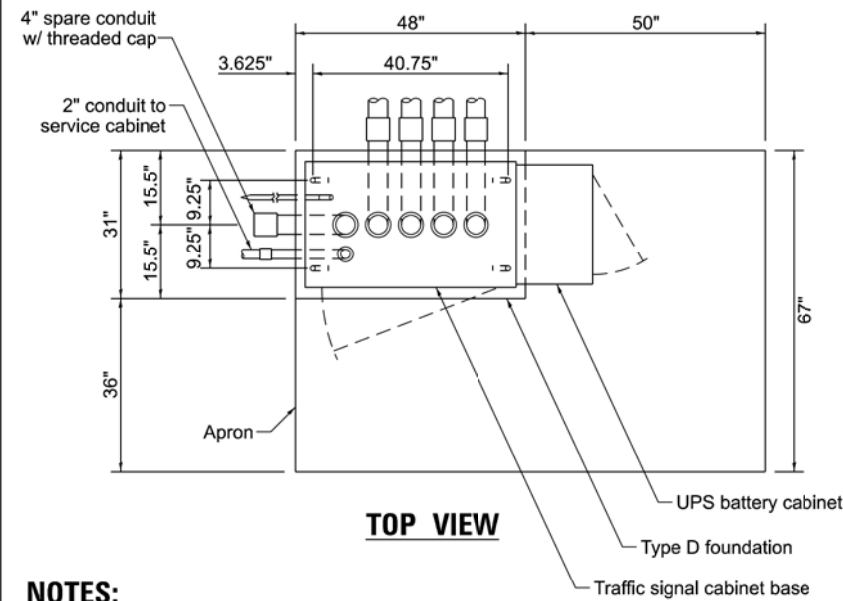
F.A.U. RTE. 1518	SECTION 20-00288-05-TL	COUNTY DUPAGE	TOTAL SHEETS 87	SHEET NO. 43
TS-01		CONTRACT NO. 61M40		
ILLINOIS FED. AID PROJECT				



**NOTES:**

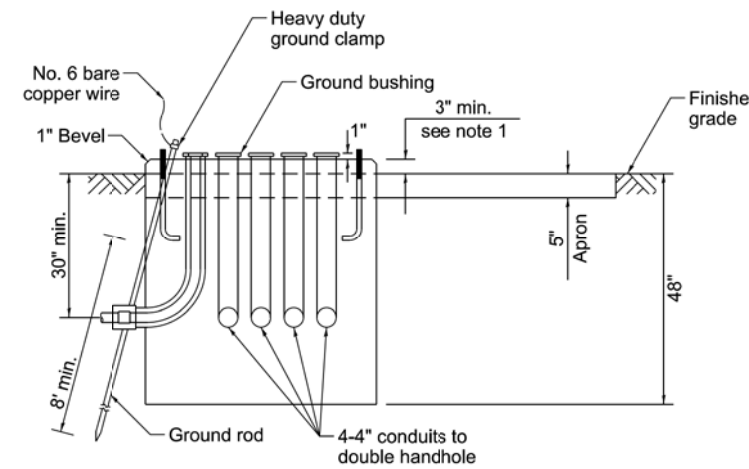
1. THE PLATFORM SIZE IS BASED ON A TRAFFIC SIGNAL CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" AND UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25". ADJUST THE PLATFORM SIZE TO FIT THE BASE DIMENSIONS OF THE CABINET SUPPLIED.
2. DRILLED HOLES THROUGH THE PLATFORM ARE TO MATCH THE TRAFFIC SIGNAL CABINET BOLT TEMPLATE. THE CABINET SHALL BE FASTENED TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS, AND NUTS.
3. ALL WOOD SUPPORT FRAMING SHALL BE FASTENED TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

**TEMPORARY TRAFFIC SIGNAL CABINET WOOD SUPPORT PLATFORM**

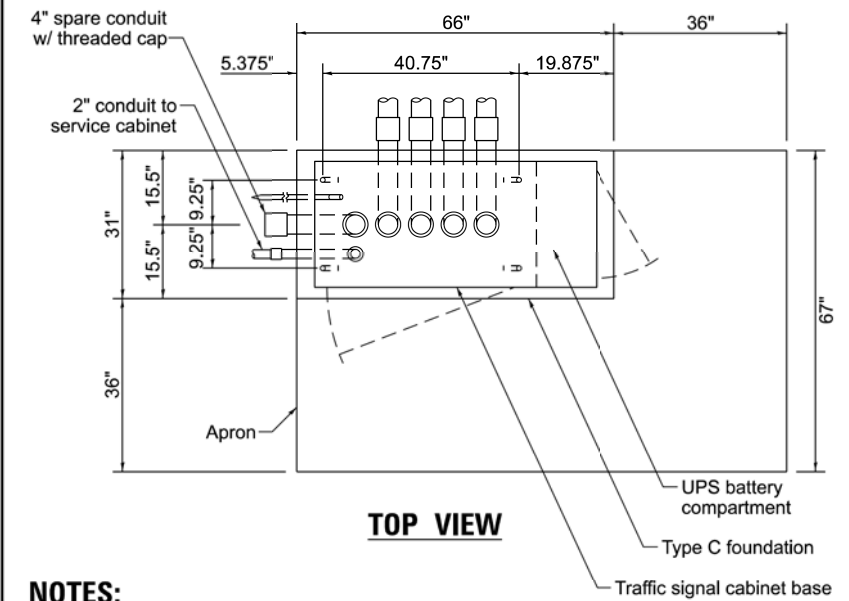


**NOTES:**

1. THE TOP OF THE FOUNDATION SHALL BE HIGHER THAN THE TOP OF THE DOUBLE HANDHOLE.

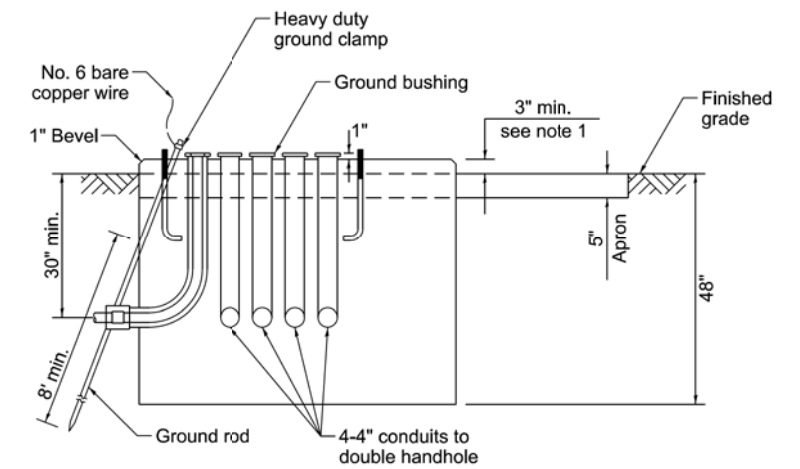


**TYPE D FOUNDATION  
TYPE IV AND TYPE V TRAFFIC SIGNAL CABINET  
AND UPS BATTERY CABINET**



**NOTES:**

1. THE TOP OF THE FOUNDATION SHALL BE HIGHER THAN THE TOP OF THE DOUBLE HANDHOLE.



**TYPE C FOUNDATION  
SUPER P AND SUPER R  
TRAFFIC SIGNAL CABINETS**

MAST ARM LENGTH	Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30'	10'	30"	24"	8	#6
Greater than or equal to 30' and less than 40'	13.5'	30"	24"	8	#6
	11'	36"	30"	12	#7
Greater than or equal to 40' and less than 50'	13'	36"	30"	12	#7
Greater than or equal to 50' and up to 55'	15'	36"	30"	12	#7
Greater than or equal to 56' and less than 65'	21'	42"	36"	16	#8
Greater than or equal to 65' and up to 75'	25'	42"	36"	16	#8

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

FOUNDATION	DEPTH
Type A - Signal post, service cabinet	4'
Type C - Traffic signal cabinet with UPS	4'
Type D - Traffic signal cabinet	4'

**DEPTH OF FOUNDATIONS  
TYPES A, C & D**

VERTICAL CABLE	LENGTH
Mast arm mounted signal head (L = mast arm length - distance to signal head from end of arm)	20'+L
Bracket mounted signal head (mast arm pole or signal pole)	13'
Pedestrian signal head	10'
Pedestrian push button	6'
Service installation pole mount to service drop	13.5'
Service installation pole mount to ground	13.5'
Service installation ground mount	6'
Foundation (signal post, mast arm, traffic signal cabinet, service cabinet)	3'

**VERTICAL CABLE LENGTH**

CABLE SLACK	LENGTH
Handhole	6.5'
Double handhole	13'
Signal post	2'
Mast arm	2'
Traffic signal cabinet or service cabinet	1.5'
Fiber optic cable at traffic signal cabinet	13'
Ground cable at signal post, mast arm, or cabinet	1.5'
Ground cable at handhole or double handhole	6.5'
Ground cable between handhole frame and cover	5'

**CABLE SLACK LENGTH**

**TYPE E FOUNDATION NOTES:**

1. FOR STANDARD AND COMBINATION MAST ARM ASSEMBLIES. FOUNDATION DEPTHS FOR STANDARD DUAL MAST ARMS WITH THE LONGEST ARM LENGTH UP TO AND INCLUDING 55' SHALL BE INCREASE BY 1' OF THAT SHOWN IN THE TABLE, BASED ON THE LONGER OF THE TWO ARMS.
2. SEE STATE STANDARD 878001 CONCRETE FOUNDATION DETAILS FOR MORE INFORMATION.

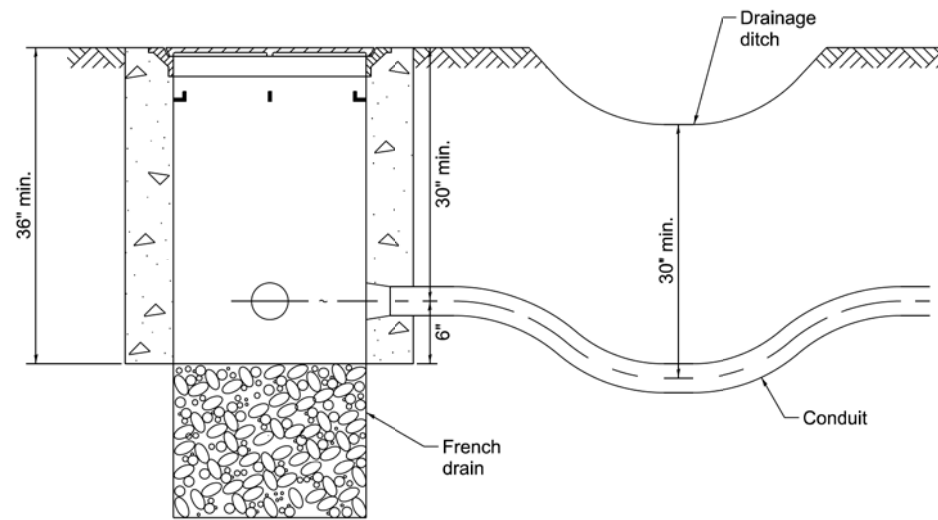
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	DRAWN - IP	REVISED -
	CHECKED - NB/KK	REVISED -
PLOT DATE =	DATE - 10/15/2025	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT 1  
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NTS SHEET 5 OF 7 SHEETS STA. TO STA.

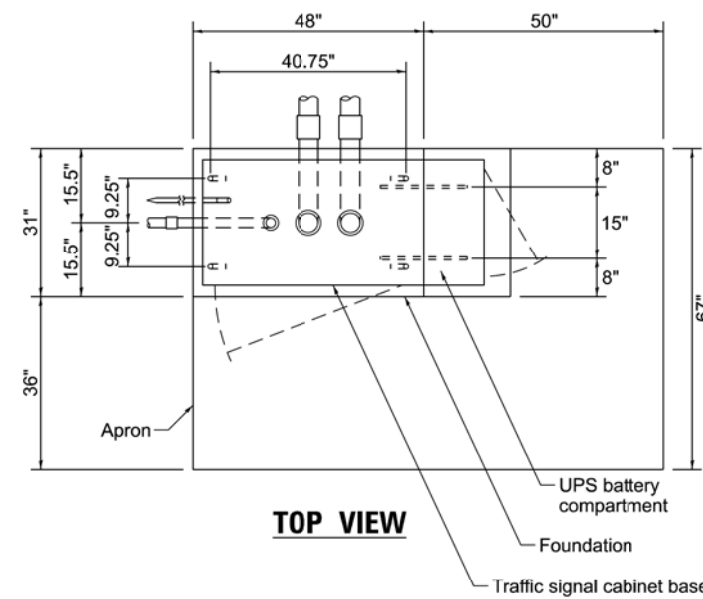
F.A.U. RTE. 1518	SECTION 20-00288-05-TL	COUNTY DUPAGE	TOTAL SHEETS 87	SHEET NO. 44
TS-01		CONTRACT NO. 61M40		
ILLINOIS FED. AID PROJECT				



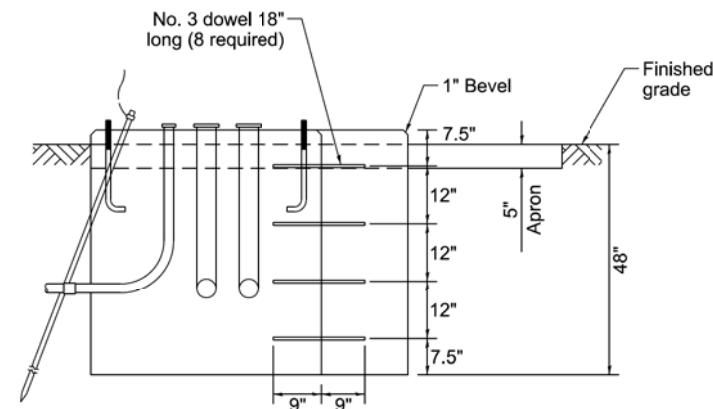
**NOTES:**

1. THE CONDUIT DEPTH SHALL BE A MINIMUM OF 30" 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.

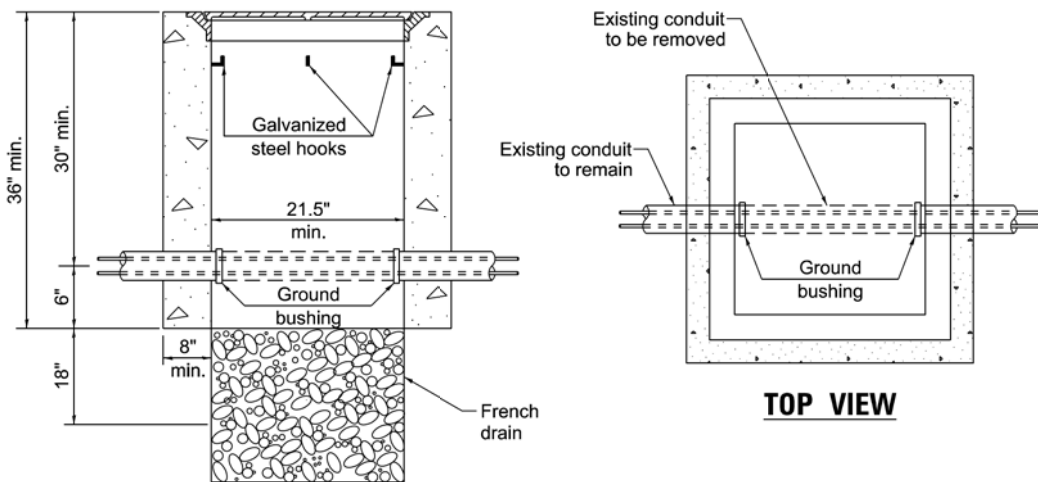
**HANDHOLE WITH MINIMUM CONDUIT DEPTH**



**TOP VIEW**



**MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION**

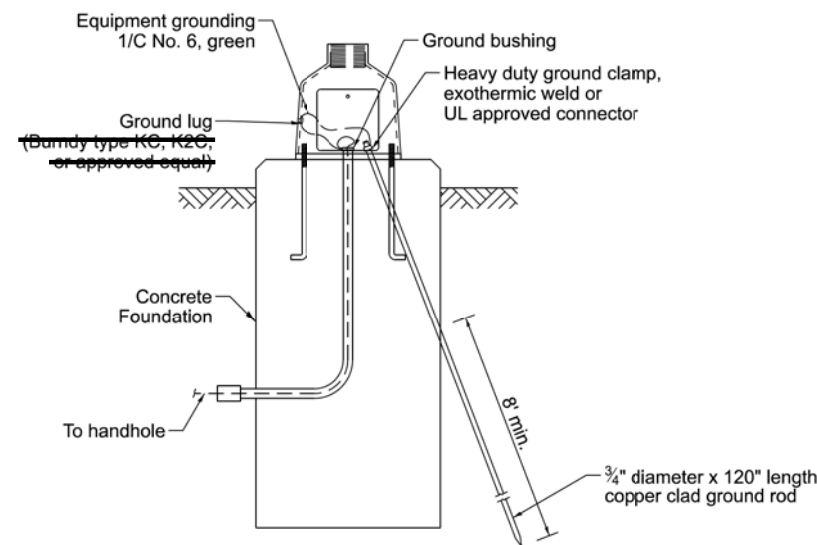


**TOP VIEW**

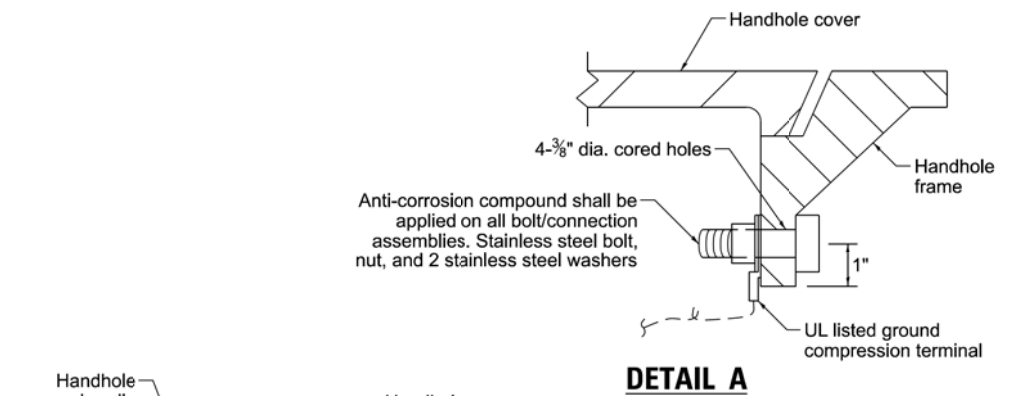
**NOTES:**

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.

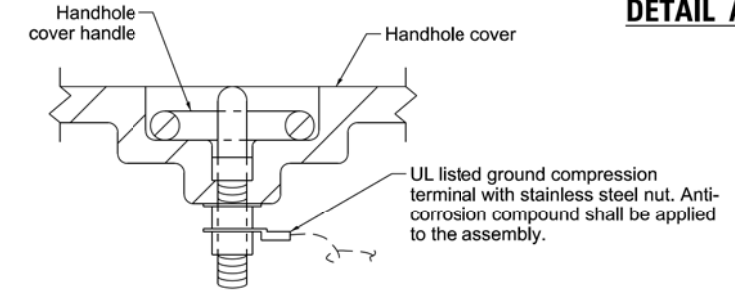
**HANDHOLE TO INTERCEPT EXISTING CONDUIT**



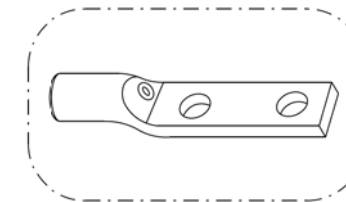
**MAST ARM / POST GROUNDING DETAIL**



**DETAIL A**



**DETAIL B**



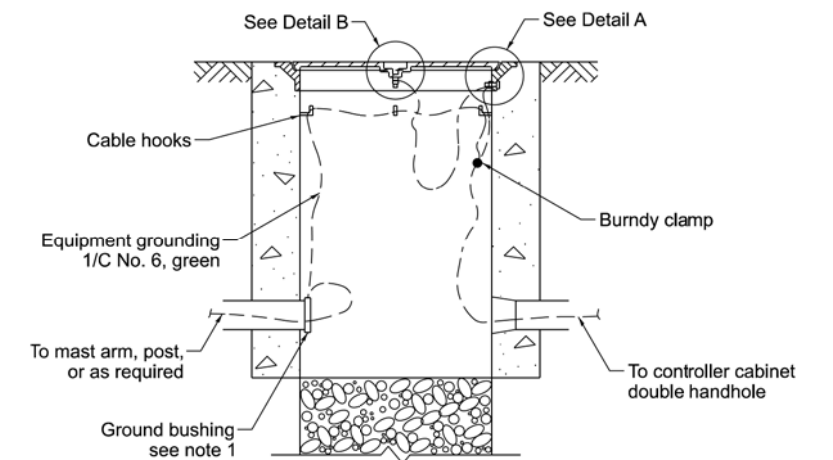
Heavy-Duty Compression Terminal  
(Burdny Type YCHA or approved equal)



3/4" Heavy-Duty Ground Rod Clamp  
Bronze or Copper, UL Approved  
(Burdny Type GRC or approved equal)

**NOTES:**

1. CONDUIT THAT HAS BEEN DRILLED INTO AN EXISTING HANDHOLE WILL REQUIRE A GROUND BUSHING FOR THE CONDUIT TO BE PROPERLY GROUND.
2. GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES. 6.5' OF SLACK SHALL BE PROVIDED IN SINGLE AND DOUBLE HANDHOLES. 5' OF SLACK SHALL BE PROVIDED BETWEEN THE FRAME AND COVER.



**HANDHOLE GROUNDING DETAIL**

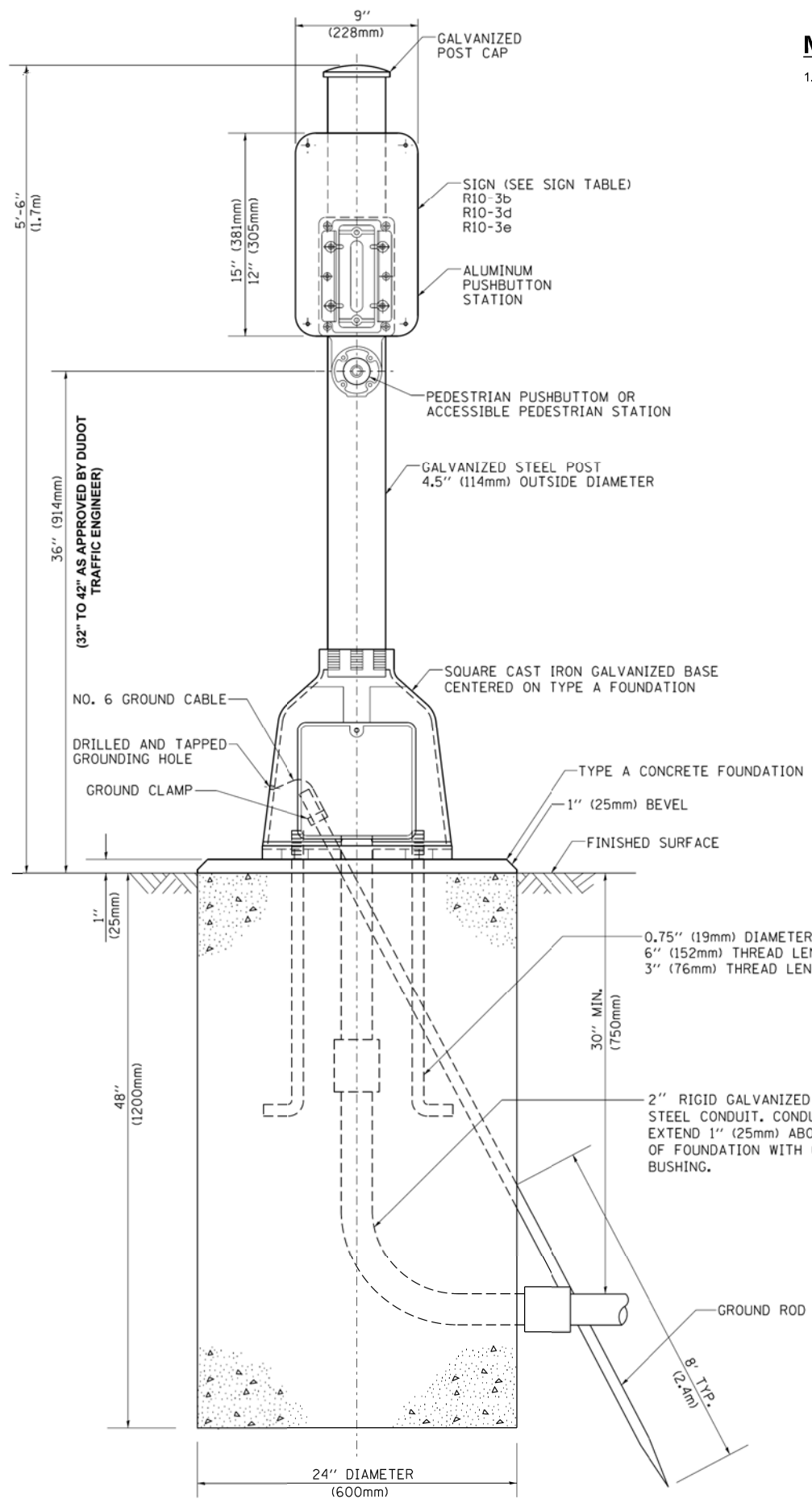
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		DRAWN -	IP	REVISED -	
		CHECKED -	NB/KK	REVISED -	
PLOT DATE =		DATE -	10/15/2025	REVISED -	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DISTRICT 1  
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

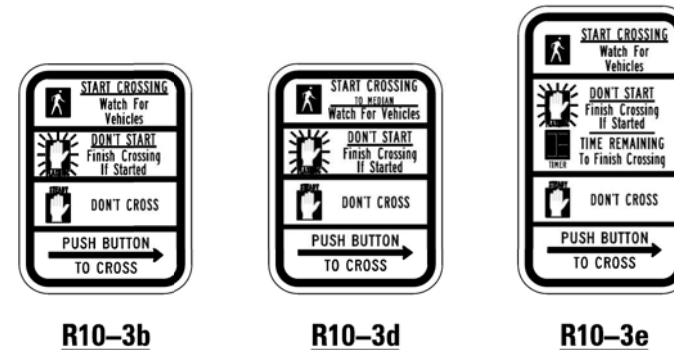
SCALE: NTS SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	45
TS-01			CONTRACT NO. 61M40	
ILLINOIS FED. AID PROJECT				



**NOTES:**

1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN A SIDEWALK CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE SIDEWALK CURB.

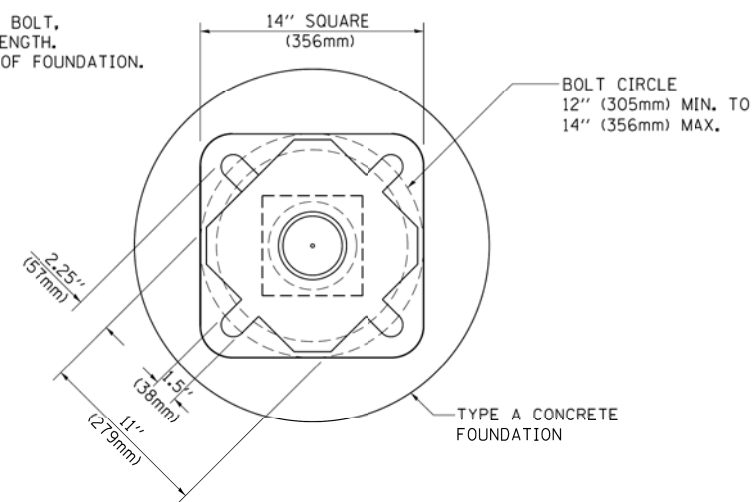


**SIGN TABLE**

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

**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.
4. THE SIGN FOR A PROPOSED PUSH-BUTTONS MAY BE DIFFERENT THAN THOSE LISTED IF A PROPOSED PUSH-BUTTON IS MATCHING AN EXISTING TO REMAIN PUSH-BUTTON SYSTEM. (ONLY AS APPROVED BY THE DUPAGE COUNTY TRAFFIC ENGINEER OR AS DIRECTED ON THE PLANS)



**BOLT PATTERN**  
**PEDESTRIAN PUSH BUTTON POST, TYPE A**

**DUPAGE COUNTY APPLICATION NOTES:**  
THIS DETAIL, TS-05 (DUDOT REV), IS GENERALLY INTENDED TO BE USED ON DUPAGE COUNTY DIVISION OF TRANSPORTATION (DUDOT) PROJECTS OR WHERE DUDOT HAS JURISDICTION. THE IDOT STANDARD DETAIL FOR TS-01 MAY BE USED ONLY WHERE THE NARROWER POLE BASE AND FOUNDATION ARE SPECIFICALLY REQUIRED OR DESIRED AS PART OF DESIGN OR CONSTRUCTION CONSTRAINTS OTHERWISE THE TS-05 (DUDOT REV) SHALL BE USED.

FILE NAME =	USER NAME = footemj	DESIGNED - DAG	REVISED - DAG 1-1-14	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PEDESTRIAN POST FOUNDATION DETAILS</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cs:\pw_work\p\dot\footemj\d0188315\ts05.dgn	DRAWN - GND	REVISED - DUDOT - 7-11-25	1518			20-00288-05-TL	DUPAGE	87	46	
PLOT SCALE = 50.0000' / 1"	CHECKED - DAD	REVISED -	<b>TS-05 (DUDOT REV)</b>			CONTRACT NO. 61M40				
PLOT DATE = 1/13/2014	DATE - 10/1/2012	REVISED -	FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT							
						SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	



**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.

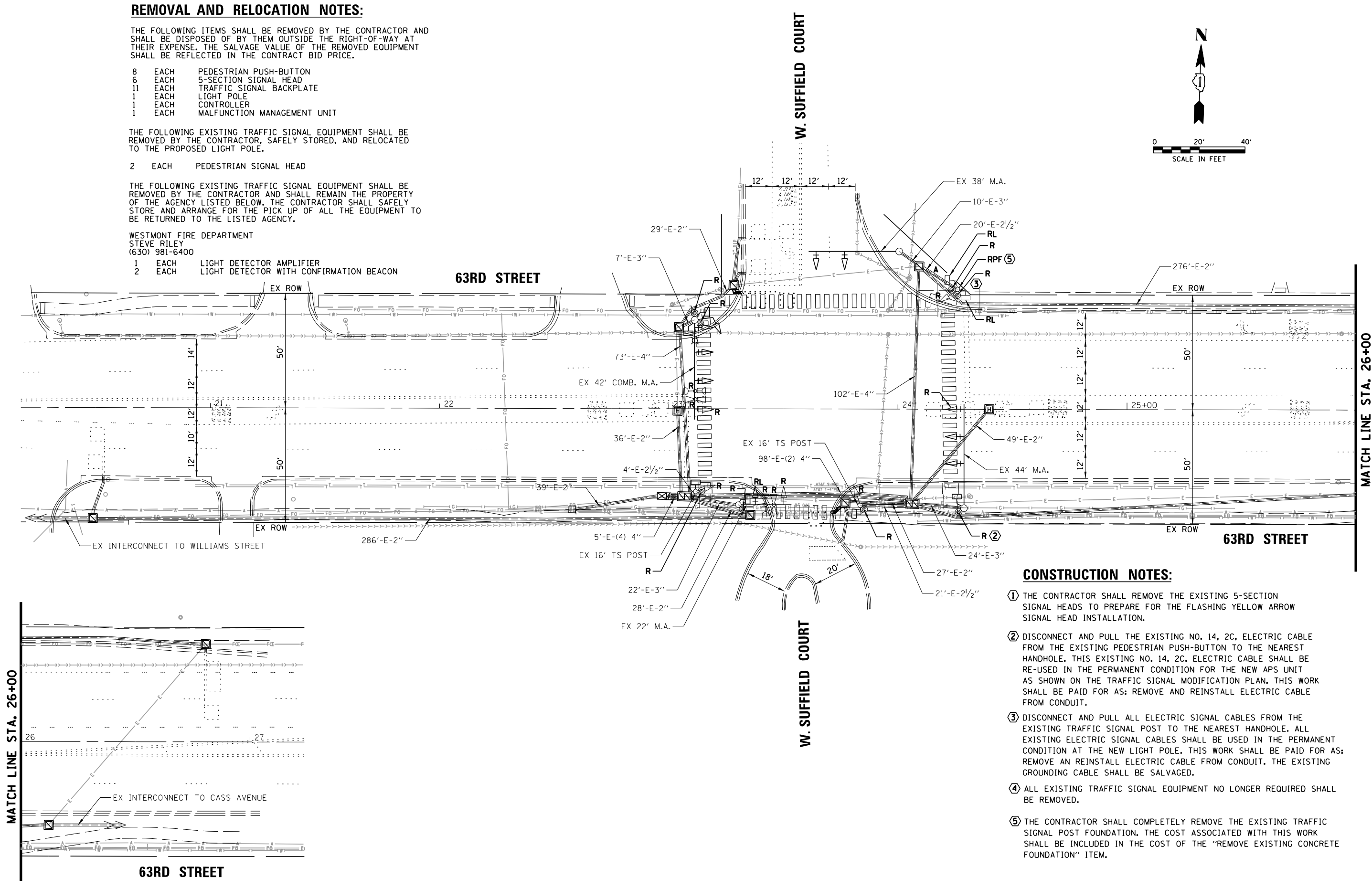
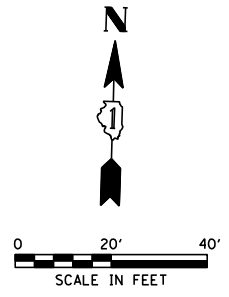
- 8 EACH PEDESTRIAN PUSH-BUTTON
- 6 EACH 5-SECTION SIGNAL HEAD
- 11 EACH TRAFFIC SIGNAL BACKPLATE
- 1 EACH LIGHT POLE
- 1 EACH CONTROLLER
- 1 EACH MALFUNCTION MANAGEMENT UNIT

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED, AND RELOCATED TO THE PROPOSED LIGHT POLE.

- 2 EACH PEDESTRIAN SIGNAL HEAD

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR THE PICK UP OF ALL THE EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY.

- WESTMONT FIRE DEPARTMENT  
STEVE RILEY  
(630) 981-6400
- 1 EACH LIGHT DETECTOR AMPLIFIER
  - 2 EACH LIGHT DETECTOR WITH CONFIRMATION BEACON

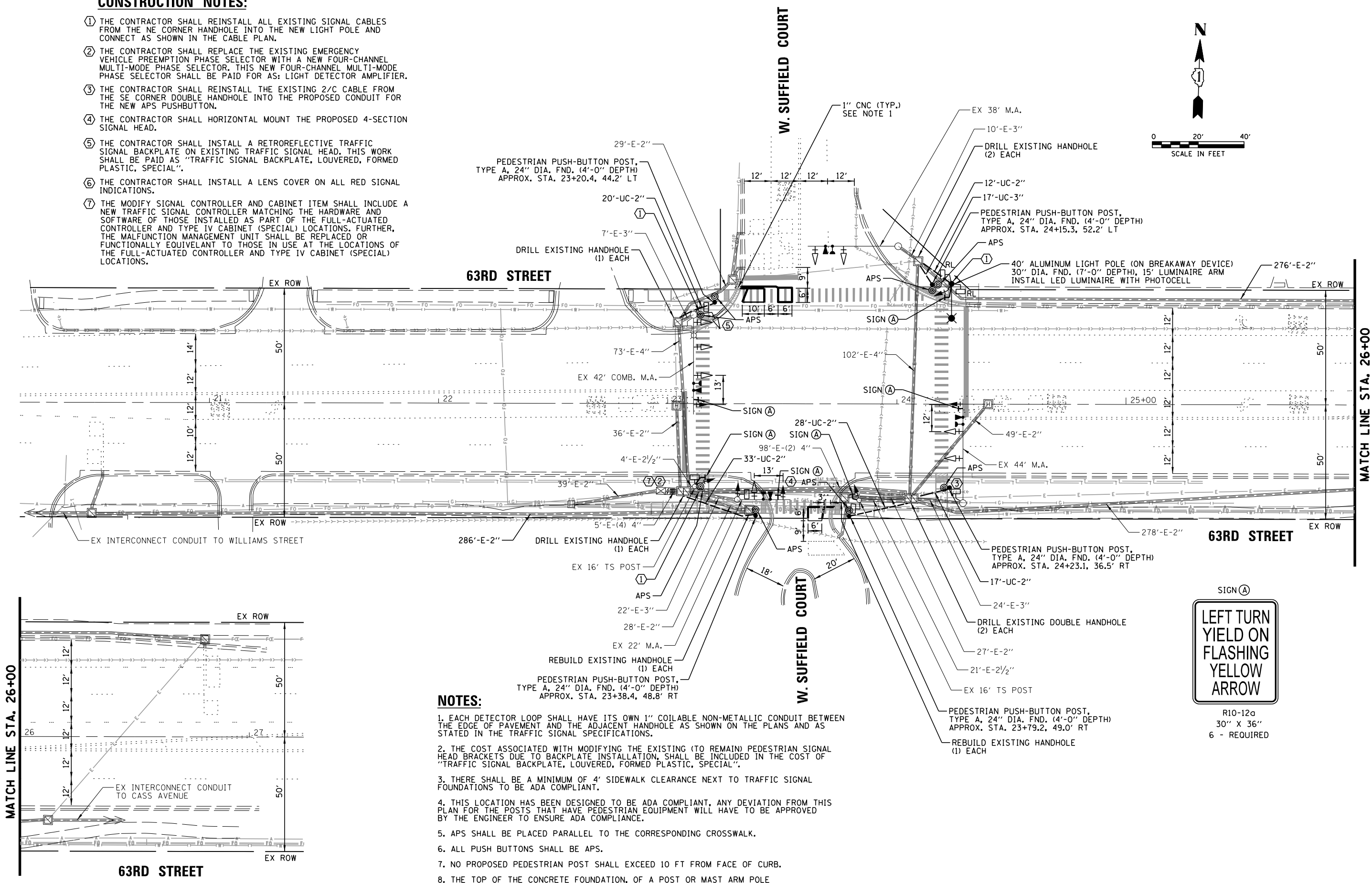
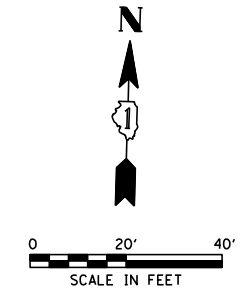


- CONSTRUCTION NOTES:**
- ① THE CONTRACTOR SHALL REMOVE THE EXISTING 5-SECTION SIGNAL HEADS TO PREPARE FOR THE FLASHING YELLOW ARROW SIGNAL HEAD INSTALLATION.
  - ② DISCONNECT AND PULL THE EXISTING NO. 14, 2C, ELECTRIC CABLE FROM THE EXISTING PEDESTRIAN PUSH-BUTTON TO THE NEAREST HANDHOLE. THIS EXISTING NO. 14, 2C, ELECTRIC CABLE SHALL BE RE-USED IN THE PERMANENT CONDITION FOR THE NEW APS UNIT AS SHOWN ON THE TRAFFIC SIGNAL MODIFICATION PLAN. THIS WORK SHALL BE PAID FOR AS: REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT.
  - ③ DISCONNECT AND PULL ALL ELECTRIC SIGNAL CABLES FROM THE EXISTING TRAFFIC SIGNAL POST TO THE NEAREST HANDHOLE. ALL EXISTING ELECTRIC SIGNAL CABLES SHALL BE USED IN THE PERMANENT CONDITION AT THE NEW LIGHT POLE. THIS WORK SHALL BE PAID FOR AS: REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT. THE EXISTING GROUNDING CABLE SHALL BE SALVAGED.
  - ④ ALL EXISTING TRAFFIC SIGNAL EQUIPMENT NO LONGER REQUIRED SHALL BE REMOVED.
  - ⑤ THE CONTRACTOR SHALL COMPLETELY REMOVE THE EXISTING TRAFFIC SIGNAL POST FOUNDATION. THE COST ASSOCIATED WITH THIS WORK SHALL BE INCLUDED IN THE COST OF THE "REMOVE EXISTING CONCRETE FOUNDATION" ITEM.

FILE NAME = N:\DUPAGE COUNTY DOT\230127\Traffic\SU	USER NAME = fbariso	DESIGNED - BC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVAL PLAN 63RD STREET AND W. SUFFIELD COURT</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FIELD_Sht5_TS-REM.dgn	DRAWN - FPB	REVISED -			1518	20-00288-05-TL	DUPAGE	87	48
	PLOT SCALE = 48"	CHECKED - EAJ	REVISED -			<b>CONTRACT NO. 61M40</b>				
	PLOT DATE = 3/31/2026	DATE - 3/31/2026	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
				SCALE: 1" = 40'	SHEET NO. OF SHEETS	STA. TO STA.				

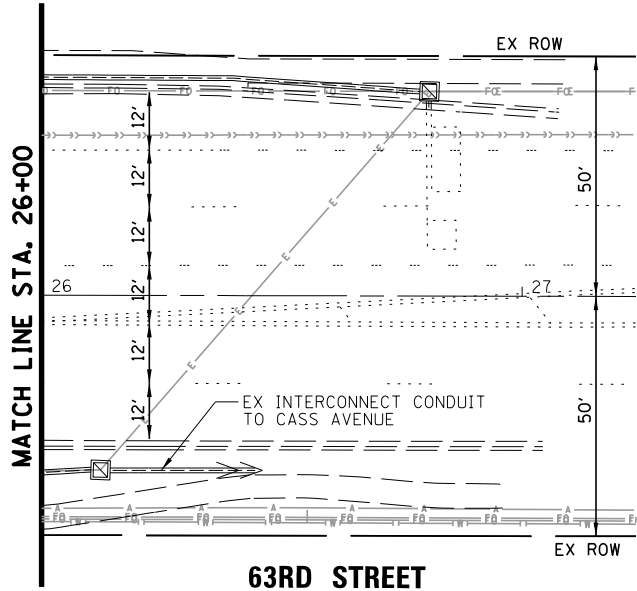
**CONSTRUCTION NOTES:**

- ① THE CONTRACTOR SHALL REINSTALL ALL EXISTING SIGNAL CABLES FROM THE NE CORNER HANDHOLE INTO THE NEW LIGHT POLE AND CONNECT AS SHOWN IN THE CABLE PLAN.
- ② THE CONTRACTOR SHALL REPLACE THE EXISTING EMERGENCY VEHICLE PREEMPTION PHASE SELECTOR WITH A NEW FOUR-CHANNEL MULTI-MODE PHASE SELECTOR. THIS NEW FOUR-CHANNEL MULTI-MODE PHASE SELECTOR SHALL BE PAID FOR AS: LIGHT DETECTOR AMPLIFIER.
- ③ THE CONTRACTOR SHALL REINSTALL THE EXISTING 2/C CABLE FROM THE SE CORNER HANDHOLE INTO THE PROPOSED CONDUIT FOR THE NEW APS PUSHBUTTON.
- ④ THE CONTRACTOR SHALL HORIZONTAL MOUNT THE PROPOSED 4-SECTION SIGNAL HEAD.
- ⑤ THE CONTRACTOR SHALL INSTALL A RETROREFLECTIVE TRAFFIC SIGNAL BACKPLATE ON EXISTING TRAFFIC SIGNAL HEAD. THIS WORK SHALL BE PAID AS "TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC, SPECIAL".
- ⑥ THE CONTRACTOR SHALL INSTALL A LENS COVER ON ALL RED SIGNAL INDICATIONS.
- ⑦ THE MODIFY SIGNAL CONTROLLER AND CABINET ITEM SHALL INCLUDE A NEW TRAFFIC SIGNAL CONTROLLER MATCHING THE HARDWARE AND SOFTWARE OF THOSE INSTALLED AS PART OF THE FULL-ACTUATED CONTROLLER AND TYPE IV CABINET (SPECIAL) LOCATIONS. FURTHER, THE MALFUNCTION MANAGEMENT UNIT SHALL BE REPLACED OR FUNCTIONALLY EQUIVELANT TO THOSE IN USE AT THE LOCATIONS OF THE FULL-ACTUATED CONTROLLER AND TYPE IV CABINET (SPECIAL) LOCATIONS.



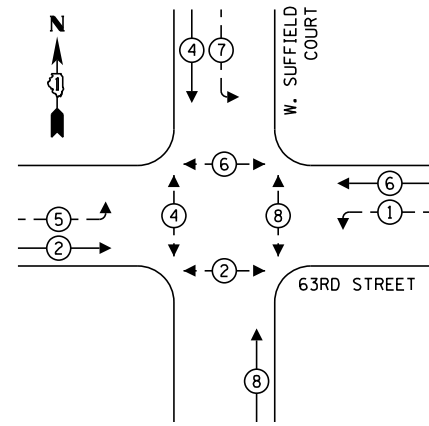
**NOTES:**

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. THE COST ASSOCIATED WITH MODIFYING THE EXISTING (TO REMAIN) PEDESTRIAN SIGNAL HEAD BRACKETS DUE TO BACKPLATE INSTALLATION, SHALL BE INCLUDED IN THE COST OF "TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC, SPECIAL".
3. THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.
4. THIS LOCATION HAS BEEN DESIGNED TO BE ADA COMPLIANT, ANY DEVIATION FROM THIS PLAN FOR THE POSTS THAT HAVE PEDESTRIAN EQUIPMENT WILL HAVE TO BE APPROVED BY THE ENGINEER TO ENSURE ADA COMPLIANCE.
5. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
6. ALL PUSH BUTTONS SHALL BE APS.
7. NO PROPOSED PEDESTRIAN POST SHALL EXCEED 10 FT FROM FACE OF CURB.
8. THE TOP OF THE CONCRETE FOUNDATION, OF A POST OR MAST ARM POLE THAT SUPPORTS AN APS UNIT, SHALL BE FLUSH WITH THE TOP OF THE ADJACENT SIDEWALK / LANDING.

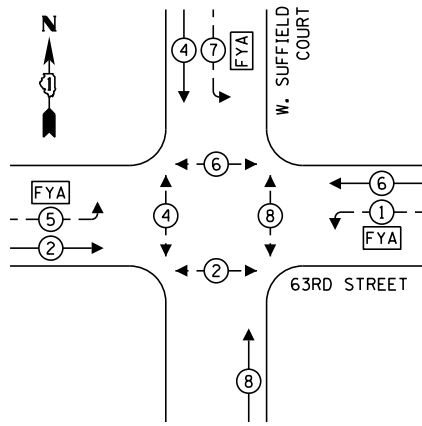


FILE NAME = N:\DUPAGE COUNTY DOT\230127\TrafficSignal\FIELD_Sht6.MOD.dgn	USER NAME = fbariso	DESIGNED - BC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC SIGNAL MODERNIZATION PLAN 63RD STREET AND W. SUFFIELD COURT</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 48'	CHECKED - EAJ	REVISED -	1518			20-00288-05-TL	DUPAGE	87	49		
PLOT DATE = 3/31/2026	DATE - 3/31/2026	REVISED -	<b>CONTRACT NO. 61M40</b>								
SCALE: 1" = 40'						SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

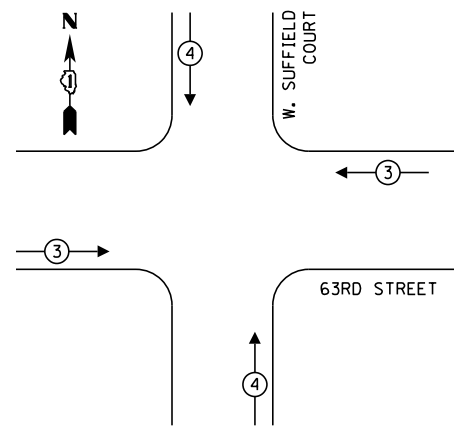
**EXISTING CONTROLLER SEQUENCE**



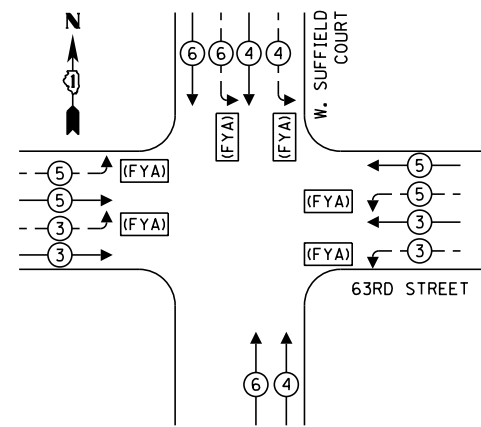
**PROPOSED CONTROLLER SEQUENCE**



**EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE**

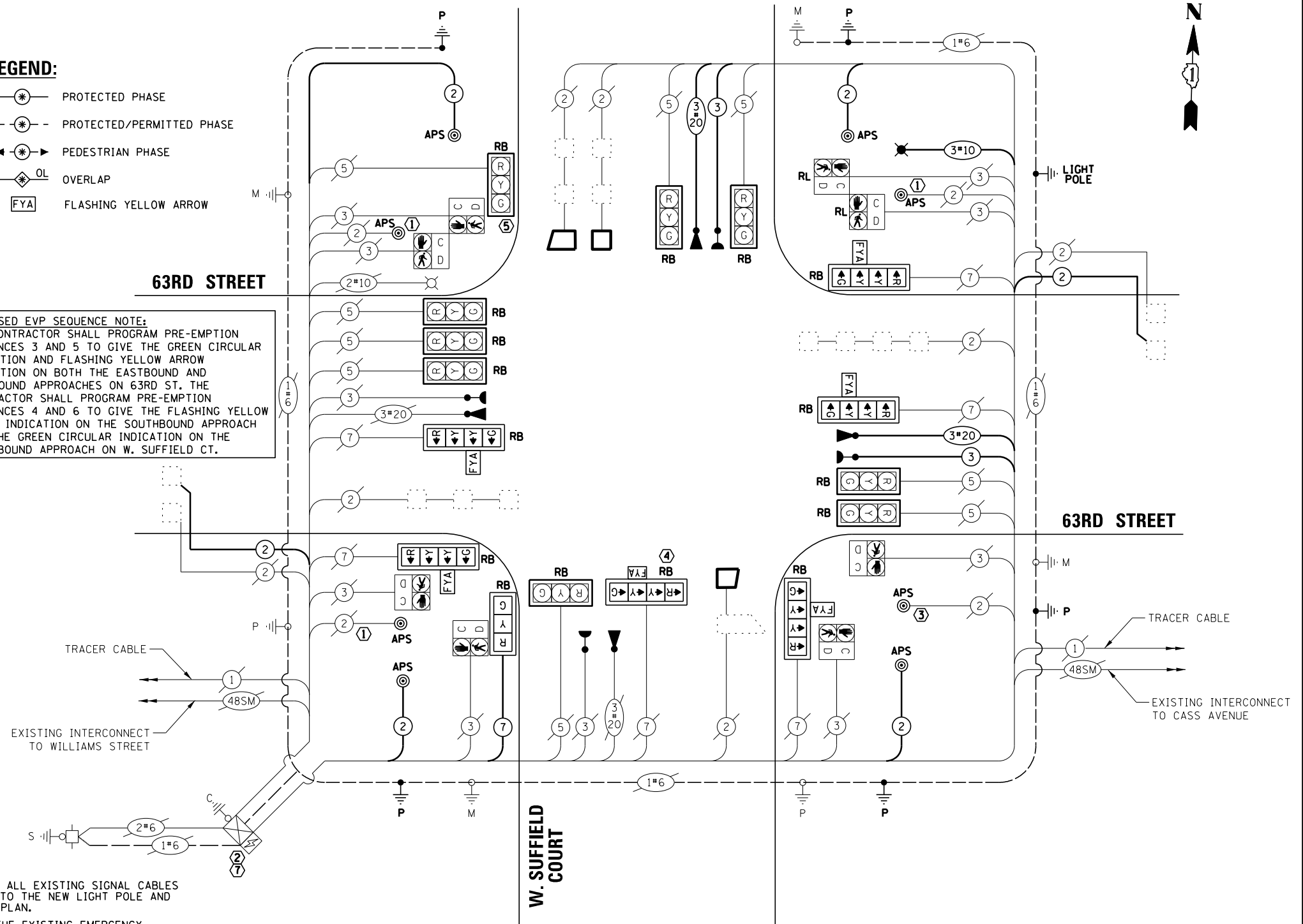


**PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE**



- LEGEND:**
- ← (circle with star) PROTECTED PHASE
  - ← (circle with star and dash) PROTECTED/PERMITTED PHASE
  - ← (circle with star and arrow) PEDESTRIAN PHASE
  - ← (circle with OL) OVERLAP
  - (FYA) FLASHING YELLOW ARROW

**PROPOSED EVP SEQUENCE NOTE:**  
 THE CONTRACTOR SHALL PROGRAM PRE-EMPTION SEQUENCES 3 AND 5 TO GIVE THE GREEN CIRCULAR INDICATION AND FLASHING YELLOW ARROW INDICATION ON BOTH THE EASTBOUND AND WESTBOUND APPROACHES ON 63RD ST. THE CONTRACTOR SHALL PROGRAM PRE-EMPTION SEQUENCES 4 AND 6 TO GIVE THE FLASHING YELLOW ARROW INDICATION ON THE SOUTHBOUND APPROACH AND THE GREEN CIRCULAR INDICATION ON THE NORTHBOUND APPROACH ON W. SUFFIELD CT.



**CABLE PLAN**  
(NOT TO SCALE)

**CONSTRUCTION NOTES:**

- ① THE CONTRACTOR SHALL REINSTALL ALL EXISTING SIGNAL CABLES FROM THE NE CORNER HANDHOLE INTO THE NEW LIGHT POLE AND CONNECT AS SHOWN IN THE CABLE PLAN.
- ② THE CONTRACTOR SHALL REPLACE THE EXISTING EMERGENCY VEHICLE PREEMPTION PHASE SELECTOR WITH A NEW FOUR-CHANNEL MULTI-MODE PHASE SELECTOR. THIS NEW FOUR-CHANNEL MULTI-MODE PHASE SELECTOR SHALL BE PAID FOR AS: LIGHT DETECTOR AMPLIFIER.
- ③ THE CONTRACTOR SHALL REINSTALL THE EXISTING 2/C CABLE FROM THE SE CORNER DOUBLE HANDHOLE INTO THE PROPOSED CONDUIT FOR THE NEW APS PUSHBUTTON.
- ④ THE CONTRACTOR SHALL HORIZONTAL MOUNT THE PROPOSED 4-SECTION SIGNAL HEAD.
- ⑤ THE CONTRACTOR SHALL INSTALL A RETROREFLECTIVE TRAFFIC SIGNAL BACKPLATE ON EXISTING TRAFFIC SIGNAL HEAD. THIS WORK SHALL BE PAID AS "TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC, SPECIAL".
- ⑥ THE CONTRACTOR SHALL INSTALL A LENS COVER ON ALL RED SIGNAL INDICATIONS.
- ⑦ THE MODIFY SIGNAL CONTROLLER AND CABINET ITEM SHALL INCLUDE A NEW TRAFFIC SIGNAL CONTROLLER MATCHING THE HARDWARE AND SOFTWARE OF THOSE INSTALLED AS PART OF THE FULL-ACTUATED CONTROLLER AND TYPE IV CABINET (SPECIAL) LOCATIONS. FURTHER, THE MALFUNCTION MANAGEMENT UNIT SHALL BE REPLACED OR FUNCTIONALLY EQUIVELANT TO THOSE IN USE AT THE LOCATIONS OF THE FULL-ACTUATED CONTROLLER AND TYPE IV CABINET (SPECIAL) LOCATIONS.

**TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	10	11	50	55.0
(YELLOW)	10	20	5	10.0
(GREEN)	10	12	45	54.0
SOLID ARROW (RED)	6	10	45	27.0
(GREEN & YELLOW)	12	10	10	12.0
FLASHING ARROW	6	5	45	13.5
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	2	250	50	250.0
TOTAL =				706.5

ENERGY COSTS TO:

VILLAGE OF WESTMONT  
 31 W. QUINCY STREET  
 WESTMONT, IL 60559

ENERGY SUPPLY: CONTACT: NICK TELUJA  
 PHONE: (440) 796-8979  
 COMPANY: COMED  
 ACCOUNT NUMBER: ---

FILE NAME =	USER NAME = fbariso
N:\DUPAGE COUNTY DOT\230127\TrafficSignal\FIELD_Sht7_CAB1.dgn	
PLOT SCALE = 48"	
PLOT DATE = 3/31/2026	

DESIGNED - BC	REVISED -
DRAWN - FPB	REVISED -
CHECKED - EAJ	REVISED -
DATE - 3/31/2026	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

**CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE (SHEET 1 OF 2)**  
**63RD STREET AND W. SUFFIELD COURT**

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	50
CONTRACT NO. 61M40				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

**SCHEDULE OF QUANTITIES**

ITEM	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SQ FT	45
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	110
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	17
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	319
LIGHT POLE, ALUMINUM, 40 FT. M.H., 15 FT. MAST ARM	EACH	1
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	638
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	527
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	63
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	875
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	226
CONCRETE FOUNDATION, TYPE A	FOOT	20
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	7
DRILL EXISTING HANDHOLE	EACH	6
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	3
INDUCTIVE LOOP DETECTOR	EACH	2
DETECTOR LOOP, TYPE I	FOOT	103
* LIGHT DETECTOR	EACH	4
* LIGHT DETECTOR AMPLIFIER	EACH	1
RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	2
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	623
REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	336
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REBUILD EXISTING HANDHOLE	EACH	2
REMOVE EXISTING CONCRETE FOUNDATION	EACH	1
* EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	527
LUMINAIRE, LED, SPECIAL	EACH	1
PEDESTRIAN PUSH-BUTTON POST, TYPE A	EACH	5
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
LED SIGNAL FACE, LENS COVER	EACH	16
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC, SPECIAL	EACH	16
MODIFY EXISTING CONTROLLER AND CABINET	EACH	1
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	1
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1

\* 100% COST TO WESTMONT FIRE DEPARTMENT

FILE NAME =	USER NAME = fbariso	DESIGNED - BC	REVISED -
N:\DUPAGE COUNTY DOT\230127\Traffic\SUP	FIELD_Sht8_CAB2.dgn	DRAWN - FPB	REVISED -
	PLOT SCALE = 48'	CHECKED - EAJ	REVISED -
	PLOT DATE = 3/31/2026	DATE - 3/31/2026	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

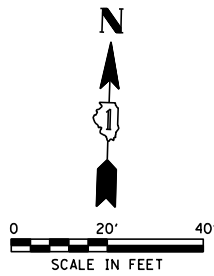
**SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM,  
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE (SHEET 2 OF 2)  
63RD STREET AND W. SUFFIELD COURT**

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	51
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61M40	

**CONSTRUCTION NOTE:**

① THE CONTRACTOR SHALL REMOVE ALL EXISTING TRAFFIC SIGNAL EQUIPMENT FROM THE NORTHEAST CORNER TRAFFIC SIGNAL COMBINATION MAST ARM ASSEMBLY AND POLE. THE CONTRACTOR SHALL NOT REMOVE THE EXISTING POLE, EXISTING LUMINAIRE ARM, AND EXISTING LUMINAIRE HEAD. THE EXISTING POLE, EXISTING LUMINAIRE ARM, AND EXISTING LUMINAIRE HEAD WILL REMAIN IN USE IN THE PROPOSED CONDITIONS. THE CONTRACTOR SHALL FURNISH AND INSTALL A COVER PLATE WHERE THE PRIMARY MAST ARM WILL BE REMOVED AND SHALL SEAL OTHER POLE PENETRATIONS. COVER PLATE SHALL BE STEEL WITH HOT DIPPED GALVANIZED COATING MATCHING PRE-EXISTING POLE SPECIFICATIONS. COVER PLATE AND POLE PENETRATION COVERS SHALL MEET THE SATISFACTION OF THE ENGINEER AND SHALL BE PAID FOR AS: REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.



**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 TRAFFIC SIGNAL CABINET (CONTROLLER TO BE SALVAGED)
- 1 EACH TRAFFIC SIGNAL MAST ARM (ONLY)
- 1 EACH STEEL MAST ARM ASSEMBLY AND POLE
- 2 EACH COMBINATION STEEL MAST ARM ASSEMBLY AND POLE
- 4 EACH TRAFFIC SIGNAL POST
- 2 EACH PEDESTRIAN PUSH-BUTTON POST
- 8 EACH 3-SECTION SIGNAL HEAD
- 8 EACH 5-SECTION SIGNAL HEAD
- 8 EACH PEDESTRIAN SIGNAL HEAD
- 6 EACH PEDESTRIAN PUSH-BUTTON
- 1 EACH ELECTRIC SERVICE INSTALLATION
- 8 EACH TRAFFIC SIGNAL BACKPLATE
- 2 EACH LUMINAIRE ARM AND FIXTURE
- 1 EACH SERVICE INSTALLATION, GROUND MOUNTED
- 4 EACH STREET NAME SIGN PANELS

**REMOVAL AND RELOCATION NOTES (CONT.):**

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR THE PICK UP OF ALL THE EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY.

DUPAGE COUNTY, DIVISION OF TRANSPORTATION  
(630) 407-6900

- 1 EACH FULL-ACTUATED CONTROLLER

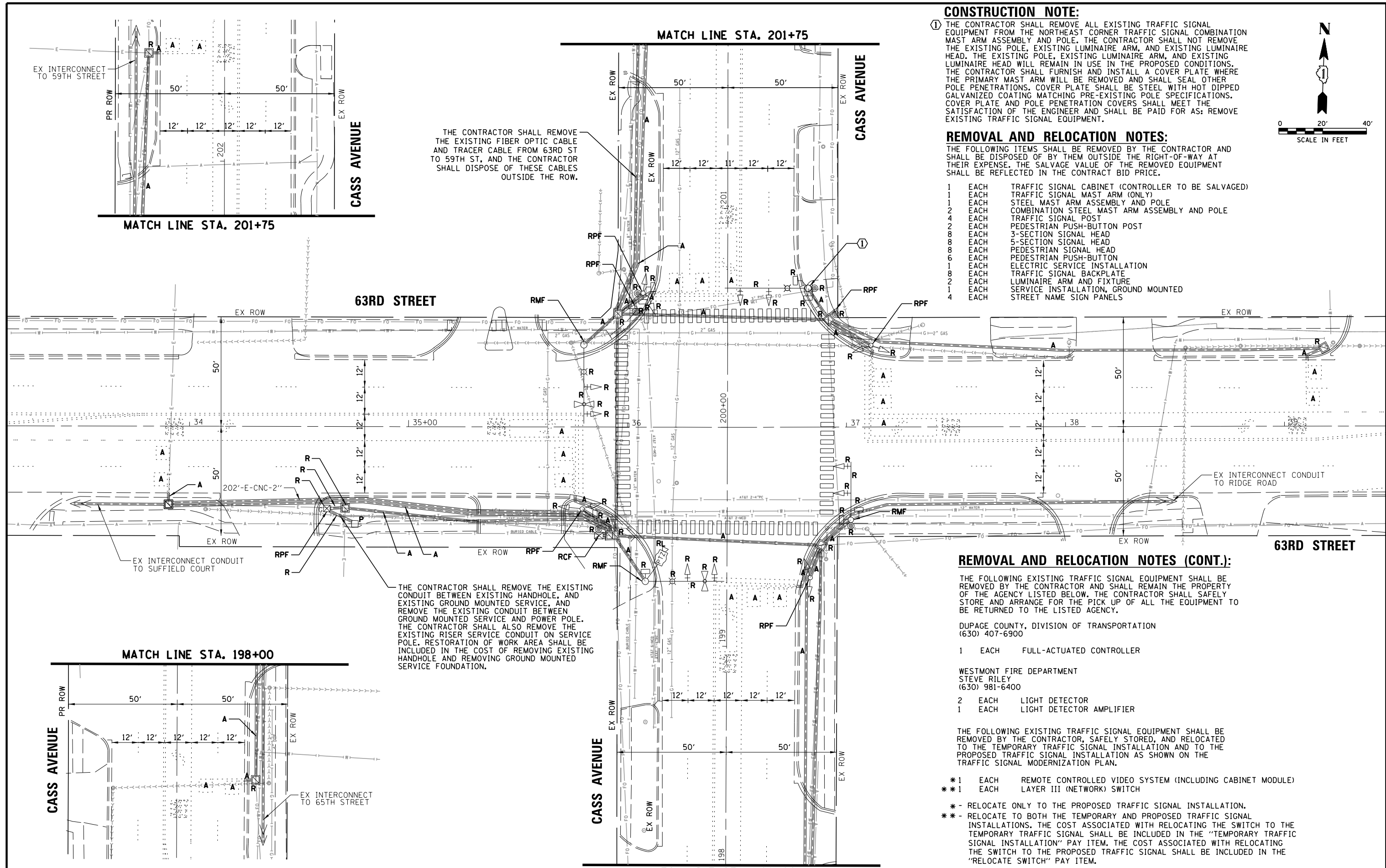
WESTMONT FIRE DEPARTMENT  
STEVE RILEY  
(630) 981-6400

- 2 EACH LIGHT DETECTOR
- 1 EACH LIGHT DETECTOR AMPLIFIER

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED, AND RELOCATED TO THE TEMPORARY TRAFFIC SIGNAL INSTALLATION AND TO THE PROPOSED TRAFFIC SIGNAL INSTALLATION AS SHOWN ON THE TRAFFIC SIGNAL MODERNIZATION PLAN.

- \* 1 EACH REMOTE CONTROLLED VIDEO SYSTEM (INCLUDING CABINET MODULE)
- \*\* 1 EACH LAYER III (NETWORK) SWITCH

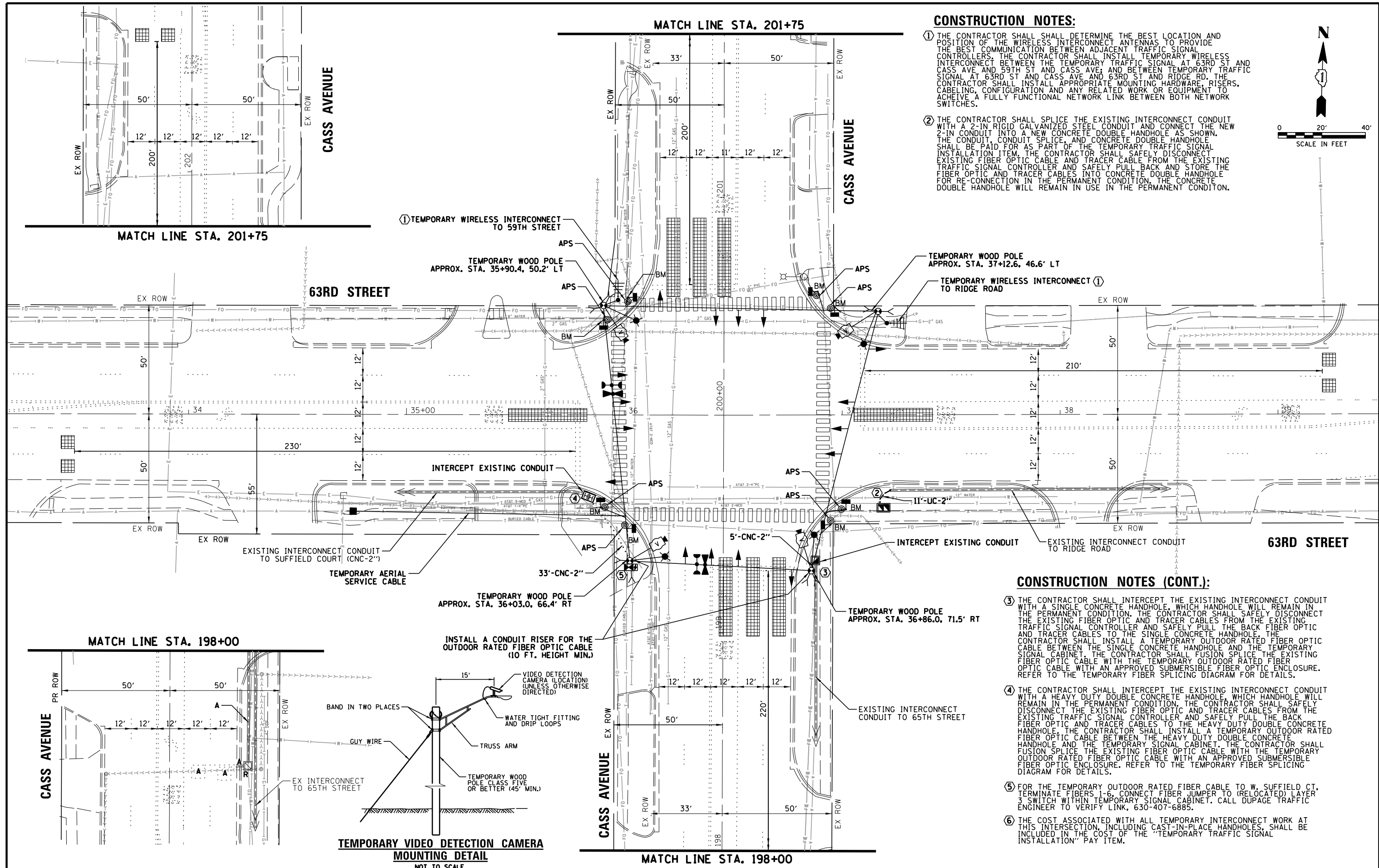
- \* - RELOCATE ONLY TO THE PROPOSED TRAFFIC SIGNAL INSTALLATION.
- \*\* - RELOCATE TO BOTH THE TEMPORARY AND PROPOSED TRAFFIC SIGNAL INSTALLATIONS. THE COST ASSOCIATED WITH RELOCATING THE SWITCH TO THE TEMPORARY TRAFFIC SIGNAL SHALL BE INCLUDED IN THE "TEMPORARY TRAFFIC SIGNAL INSTALLATION" PAY ITEM. THE COST ASSOCIATED WITH RELOCATING THE SWITCH TO THE PROPOSED TRAFFIC SIGNAL SHALL BE INCLUDED IN THE "RELOCATE SWITCH" PAY ITEM.



THE CONTRACTOR SHALL REMOVE THE EXISTING FIBER OPTIC CABLE AND TRACER CABLE FROM 63RD ST TO 59TH ST, AND THE CONTRACTOR SHALL DISPOSE OF THESE CABLES OUTSIDE THE ROW.

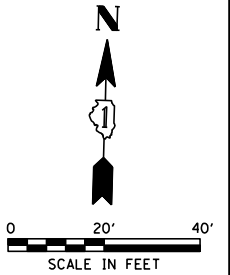
THE CONTRACTOR SHALL REMOVE THE EXISTING CONDUIT BETWEEN EXISTING HANDHOLE, AND EXISTING GROUND MOUNTED SERVICE, AND REMOVE THE EXISTING CONDUIT BETWEEN GROUND MOUNTED SERVICE AND POWER POLE. THE CONTRACTOR SHALL ALSO REMOVE THE EXISTING RISER SERVICE CONDUIT ON SERVICE POLE. RESTORATION OF WORK AREA SHALL BE INCLUDED IN THE COST OF REMOVING EXISTING HANDHOLE AND REMOVING GROUND MOUNTED SERVICE FOUNDATION.

FILE NAME = N:\DUPAGE COUNTY DOT\230127\TrafficCAS	USER NAME = fbariso	DESIGNED - BC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVAL PLAN 63RD STREET AND CASS AVENUE	F.A.U. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLT SCALE = 48'	CHECKED - EAJ	REVISIED -	REVISIED -			1518	20-00288-05-TL	DUPAGE	87	52	
PLT DATE = 3/31/2026	DATE - 3/31/2026	REVISIED -	REVISIED -			CONTRACT NO. 61M40					
						FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT				



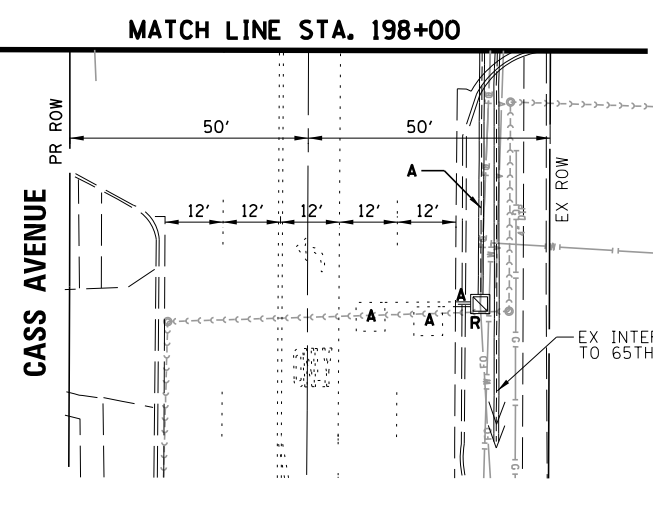
**CONSTRUCTION NOTES:**

- 1 THE CONTRACTOR SHALL DETERMINE THE BEST LOCATION AND POSITION OF THE WIRELESS INTERCONNECT ANTENNAS TO PROVIDE THE BEST COMMUNICATION BETWEEN ADJACENT TRAFFIC SIGNAL CONTROLLERS. THE CONTRACTOR SHALL INSTALL TEMPORARY WIRELESS INTERCONNECT BETWEEN THE TEMPORARY TRAFFIC SIGNAL AT 63RD ST AND CASS AVE AND 59TH ST AND CASS AVE; AND BETWEEN TEMPORARY TRAFFIC SIGNAL AT 63RD ST AND CASS AVE AND 63RD ST AND RIDGE RD. THE CONTRACTOR SHALL INSTALL APPROPRIATE MOUNTING HARDWARE, RISERS, CABELING, CONFIGURATION AND ANY RELATED WORK OR EQUIPMENT TO ACHIEVE A FULLY FUNCTIONAL NETWORK LINK BETWEEN BOTH NETWORK SWITCHES.
- 2 THE CONTRACTOR SHALL SPLICE THE EXISTING INTERCONNECT CONDUIT WITH A 2-IN. RIGID GALVANIZED STEEL CONDUIT AND CONNECT THE NEW 2-IN CONDUIT INTO A NEW CONCRETE DOUBLE HANDHOLE AS SHOWN. THE CONDUIT, CONDUIT SPLICE, AND CONCRETE DOUBLE HANDHOLE SHALL BE PAID FOR AS PART OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION ITEM. THE CONTRACTOR SHALL SAFELY DISCONNECT EXISTING FIBER OPTIC CABLE AND TRACER CABLE FROM THE EXISTING TRAFFIC SIGNAL CONTROLLER AND SAFELY PULL BACK AND STORE THE FIBER OPTIC AND TRACER CABLES INTO CONCRETE DOUBLE HANDHOLE FOR RE-CONNECTION IN THE PERMANENT CONDITION. THE CONCRETE DOUBLE HANDHOLE WILL REMAIN IN USE IN THE PERMANENT CONDTION.



**CONSTRUCTION NOTES (CONT.):**

- 3 THE CONTRACTOR SHALL INTERCEPT THE EXISTING INTERCONNECT CONDUIT WITH A SINGLE CONCRETE HANDHOLE, WHICH HANDHOLE WILL REMAIN IN THE PERMANENT CONDITION. THE CONTRACTOR SHALL SAFELY DISCONNECT THE EXISTING FIBER OPTIC AND TRACER CABLES FROM THE EXISTING TRAFFIC SIGNAL CONTROLLER AND SAFELY PULL THE BACK FIBER OPTIC AND TRACER CABLES TO THE SINGLE CONCRETE HANDHOLE. THE CONTRACTOR SHALL INSTALL A TEMPORARY OUTDOOR RATED FIBER OPTIC CABLE BETWEEN THE SINGLE CONCRETE HANDHOLE AND THE TEMPORARY SIGNAL CABINET. THE CONTRACTOR SHALL FUSION SPLICE THE EXISTING FIBER OPTIC CABLE WITH THE TEMPORARY OUTDOOR RATED FIBER OPTIC CABLE WITH AN APPROVED SUBMERSIBLE FIBER OPTIC ENCLOSURE. REFER TO THE TEMPORARY FIBER SPLICING DIAGRAM FOR DETAILS.
- 4 THE CONTRACTOR SHALL INTERCEPT THE EXISTING INTERCONNECT CONDUIT WITH A HEAVY DUTY DOUBLE CONCRETE HANDHOLE, WHICH HANDHOLE WILL REMAIN IN THE PERMANENT CONDITION. THE CONTRACTOR SHALL SAFELY DISCONNECT THE EXISTING FIBER OPTIC AND TRACER CABLES FROM THE EXISTING TRAFFIC SIGNAL CONTROLLER AND SAFELY PULL THE BACK FIBER OPTIC AND TRACER CABLES TO THE HEAVY DUTY DOUBLE CONCRETE HANDHOLE. THE CONTRACTOR SHALL INSTALL A TEMPORARY OUTDOOR RATED FIBER OPTIC CABLE BETWEEN THE HEAVY DUTY DOUBLE CONCRETE HANDHOLE AND THE TEMPORARY SIGNAL CABINET. THE CONTRACTOR SHALL FUSION SPLICE THE EXISTING FIBER OPTIC CABLE WITH THE TEMPORARY OUTDOOR RATED FIBER OPTIC CABLE WITH AN APPROVED SUBMERSIBLE FIBER OPTIC ENCLOSURE. REFER TO THE TEMPORARY FIBER SPLICING DIAGRAM FOR DETAILS.
- 5 FOR THE TEMPORARY OUTDOOR RATED FIBER CABLE TO W. SUFFIELD CT, TERMINATE FIBERS 1-6, CONNECT FIBER JUMPER TO (RELOCATED) LAYER 3 SWITCH WITHIN TEMPORARY SIGNAL CABINET. CALL DUPAGE TRAFFIC ENGINEER TO VERIFY LINK, 630-407-6885.
- 6 THE COST ASSOCIATED WITH ALL TEMPORARY INTERCONNECT WORK AT THIS INTERSECTION, INCLUDING CAST-IN-PLACE HANDHOLES, SHALL BE INCLUDED IN THE COST OF THE "TEMPORARY TRAFFIC SIGNAL INSTALLATION" PAY ITEM.



**TEMPORARY VIDEO DETECTION CAMERA MOUNTING DETAIL**  
NOT TO SCALE

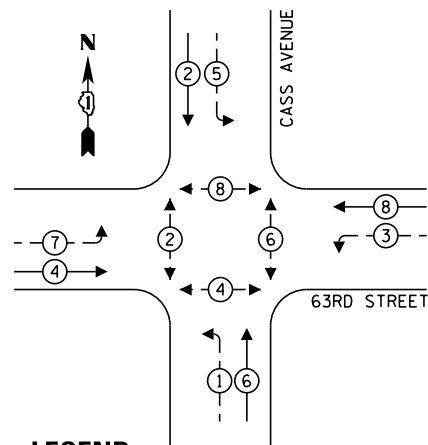
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	PLOT SCALE = 48'	CHECKED - EAJ	REVISED -
	PLOT DATE = 3/31/2026	DATE - 3/31/2026	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

<b>TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN</b>			
<b>63RD STREET AND CASS AVENUE</b>			
SCALE: 1" = 40'	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	53
CONTRACT NO. 61M40				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

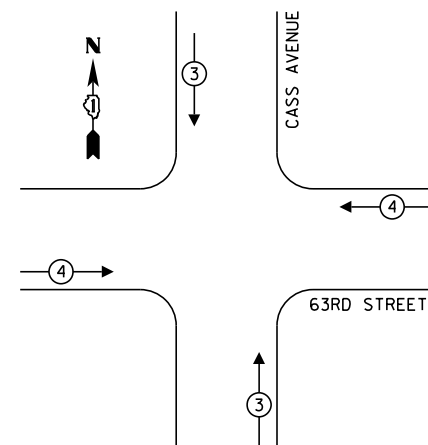
**TEMPORARY CONTROLLER SEQUENCE**



**LEGEND:**

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

**TEMPORARY EMERGENCY VEHICLE  
PREEMPTION SEQUENCE**



**CONSTRUCTION NOTES:**

- 1 THE CONTRACTOR SHALL DETERMINE THE BEST LOCATION AND POSITION OF THE WIRELESS INTERCONNECT ANTENNAS TO PROVIDE THE BEST COMMUNICATION BETWEEN ADJACENT TRAFFIC SIGNAL CONTROLLERS. THE CONTRACTOR SHALL INSTALL TEMPORARY WIRELESS INTERCONNECT BETWEEN THE TEMPORARY TRAFFIC SIGNAL AT 63RD ST AND CASS AVE AND 59TH ST AND CASS AVE; AND BETWEEN TEMPORARY TRAFFIC SIGNAL AT 63RD ST AND CASS AVE AND 63RD ST AND RIDGE RD. THE CONTRACTOR SHALL INSTALL APPROPRIATE MOUNTING HARDWARE, RISERS, CABELING, CONFIGURATION AND ANY RELATED WORK OR EQUIPMENT TO ACHIEVE A FULLY FUNCTIONAL NETWORK LINK BETWEEN BOTH NETWORK SWITCHES.
- 2 THE CONTRACTOR SHALL SPLICE THE EXISTING INTERCONNECT CONDUIT WITH A 2-IN RIGID GALVANIZED STEEL CONDUIT AND CONNECT THE NEW 2-IN CONDUIT INTO A NEW CONCRETE DOUBLE HANDHOLE AS SHOWN. THE CONDUIT, CONDUIT SPLICE, AND CONCRETE DOUBLE HANDHOLE SHALL BE PAID FOR AS PART OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION ITEM. THE CONTRACTOR SHALL SAFELY DISCONNECT EXISTING FIBER OPTIC CABLE AND TRACER CABLE FROM THE EXISTING TRAFFIC SIGNAL CONTROLLER AND SAFELY PULL BACK AND STORE THE FIBER OPTIC AND TRACER CABLES INTO CONCRETE DOUBLE HANDHOLE FOR RE-CONNECTION IN THE PERMANENT CONDITION. THE CONCRETE DOUBLE HANDHOLE WILL REMAIN IN USE IN THE PERMANENT CONDITION.
- 3 THE CONTRACTOR SHALL INTERCEPT THE EXISTING INTERCONNECT CONDUIT WITH A SINGLE CONCRETE HANDHOLE, WHICH HANDHOLE WILL REMAIN IN THE PERMANENT CONDITION. THE CONTRACTOR SHALL SAFELY DISCONNECT THE EXISTING FIBER OPTIC AND TRACER CABLES FROM THE EXISTING TRAFFIC SIGNAL CONTROLLER AND SAFELY PULL THE BACK FIBER OPTIC AND TRACER CABLES TO THE SINGLE CONCRETE HANDHOLE. THE CONTRACTOR SHALL INSTALL A TEMPORARY OUTDOOR RATED FIBER OPTIC CABLE BETWEEN THE SINGLE CONCRETE HANDHOLE AND THE TEMPORARY SIGNAL CABINET. THE CONTRACTOR SHALL FUSION SPLICE THE EXISTING FIBER OPTIC CABLE WITH THE TEMPORARY OUTDOOR RATED FIBER OPTIC CABLE WITH AN APPROVED SUBMERSIBLE FIBER OPTIC ENCLOSURE. REFER TO THE TEMPORARY FIBER SPLICING DIAGRAM FOR DETAILS.
- 4 THE CONTRACTOR SHALL INTERCEPT THE EXISTING INTERCONNECT CONDUIT WITH A HEAVY DUTY DOUBLE CONCRETE HANDHOLE, WHICH HANDHOLE WILL REMAIN IN THE PERMANENT CONDITION. THE CONTRACTOR SHALL SAFELY DISCONNECT THE EXISTING FIBER OPTIC AND TRACER CABLES FROM THE EXISTING TRAFFIC SIGNAL CONTROLLER AND SAFELY PULL THE BACK FIBER OPTIC AND TRACER CABLES TO THE HEAVY DUTY DOUBLE CONCRETE HANDHOLE. THE CONTRACTOR SHALL INSTALL A TEMPORARY OUTDOOR RATED FIBER OPTIC CABLE BETWEEN THE HEAVY DUTY DOUBLE CONCRETE HANDHOLE AND THE TEMPORARY SIGNAL CABINET. THE CONTRACTOR SHALL FUSION SPLICE THE EXISTING FIBER OPTIC CABLE WITH THE TEMPORARY OUTDOOR RATED FIBER OPTIC CABLE WITH AN APPROVED SUBMERSIBLE FIBER OPTIC ENCLOSURE. REFER TO THE TEMPORARY FIBER SPLICING DIAGRAM FOR DETAILS.
- 5 FOR THE TEMPORARY OUTDOOR RATED FIBER CABLE TO W. SUFFIELD CT. TERMINATE FIBERS 1-6. CONNECT FIBER JUMPER TO (RELOCATED) LAYER 3 SWITCH WITHIN TEMPORARY SIGNAL CABINET. CALL DUPAGE TRAFFIC ENGINEER TO VERIFY LINK, 630-407-6885.
- 6 THE COST ASSOCIATED WITH ALL TEMPORARY INTERCONNECT WORK AT THIS INTERSECTION, INCLUDING CAST-IN-PLACE HANDHOLES, SHALL BE INCLUDED IN THE COST OF THE "TEMPORARY TRAFFIC SIGNAL INSTALLATION" PAY ITEM.

**TRAFFIC SIGNAL  
ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16	11	50	88.0
(YELLOW)	16	20	5	16.0
(GREEN)	16	12	45	86.4
PERMISSIVE ARROW	16	10	10	16.0
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	4	165	50	330.0
TOTAL =				971.4

ENERGY COSTS TO:

DUPAGE COUNTY DIVISION OF TRANSPORTATION  
421 N. COUNTY FARM ROAD  
WHEATON, IL 60187

ENERGY SUPPLY: CONTACT: NICK TELUJA  
PHONE: (440) 796-8979  
COMPANY: COMED UNIVERSITY PARK  
ACCOUNT NUMBER: ---

FILE NAME = USER NAME = fbariso  
N:\DUPAGE COUNTY DOT\230127\TrafficCAS\_Sht7\_TCB.dgn  
DESIGNED - BC  
DRAWN - FPB  
CHECKED - EAJ  
DATE - 3/31/2026  
PLOT SCALE = 48"  
PLOT DATE = 3/31/2026

DESIGNED - BC  
DRAWN - FPB  
CHECKED - EAJ  
DATE - 3/31/2026  
REVISED -  
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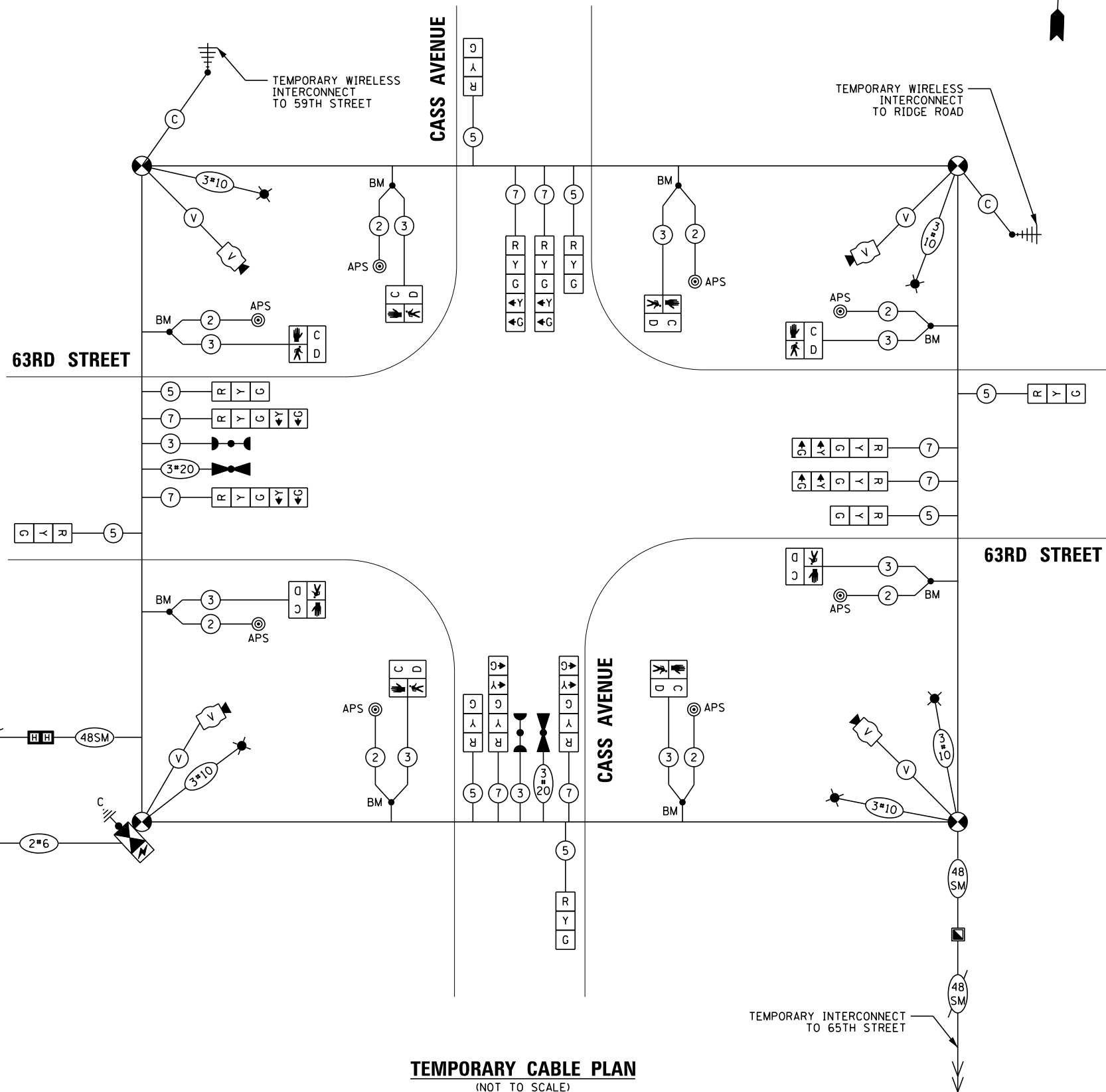
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN AND  
TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE  
63RD STREET AND CASS AVENUE

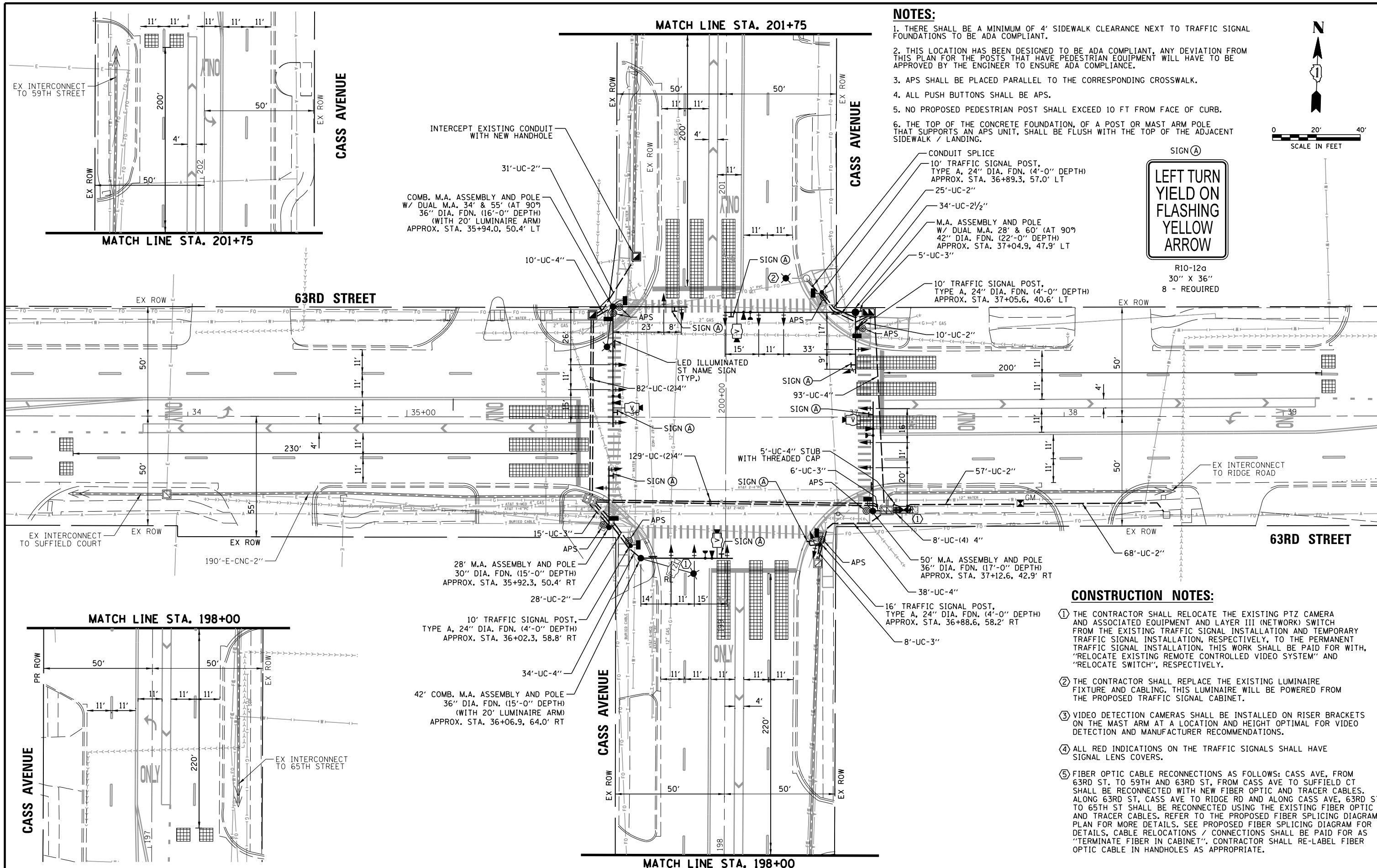
SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	54

CONTRACT NO. 61M40  
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



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



**NOTES:**

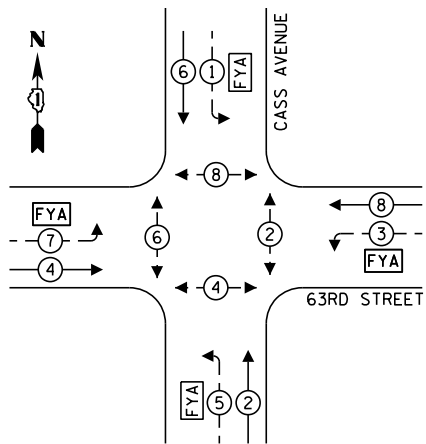
1. THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.
2. THIS LOCATION HAS BEEN DESIGNED TO BE ADA COMPLIANT, ANY DEVIATION FROM THIS PLAN FOR THE POSTS THAT HAVE PEDESTRIAN EQUIPMENT WILL HAVE TO BE APPROVED BY THE ENGINEER TO ENSURE ADA COMPLIANCE.
3. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
4. ALL PUSH BUTTONS SHALL BE APS.
5. NO PROPOSED PEDESTRIAN POST SHALL EXCEED 10 FT FROM FACE OF CURB.
6. THE TOP OF THE CONCRETE FOUNDATION, OF A POST OR MAST ARM POLE THAT SUPPORTS AN APS UNIT, SHALL BE FLUSH WITH THE TOP OF THE ADJACENT SIDEWALK / LANDING.



- CONSTRUCTION NOTES:**
- ① THE CONTRACTOR SHALL RELOCATE THE EXISTING PTZ CAMERA AND ASSOCIATED EQUIPMENT AND LAYER III (NETWORK) SWITCH FROM THE EXISTING TRAFFIC SIGNAL INSTALLATION AND TEMPORARY TRAFFIC SIGNAL INSTALLATION, RESPECTIVELY, TO THE PERMANENT TRAFFIC SIGNAL INSTALLATION. THIS WORK SHALL BE PAID FOR WITH "RELOCATE EXISTING REMOTE CONTROLLED VIDEO SYSTEM" AND "RELOCATE SWITCH", RESPECTIVELY.
  - ② THE CONTRACTOR SHALL REPLACE THE EXISTING LUMINAIRE FIXTURE AND CABLING. THIS LUMINAIRE WILL BE POWERED FROM THE PROPOSED TRAFFIC SIGNAL CABINET.
  - ③ VIDEO DETECTION CAMERAS SHALL BE INSTALLED ON RISER BRACKETS ON THE MAST ARM AT A LOCATION AND HEIGHT OPTIMAL FOR VIDEO DETECTION AND MANUFACTURER RECOMMENDATIONS.
  - ④ ALL RED INDICATIONS ON THE TRAFFIC SIGNALS SHALL HAVE SIGNAL LENS COVERS.
  - ⑤ FIBER OPTIC CABLE RECONNECTIONS AS FOLLOWS: CASS AVE, FROM 63RD ST. TO 59TH AND 63RD ST, FROM CASS AVE TO SUFFIELD CT SHALL BE RECONNECTED WITH NEW FIBER OPTIC AND TRACER CABLES. ALONG 63RD ST, CASS AVE TO RIDGE RD AND ALONG CASS AVE, 63RD ST TO 65TH ST SHALL BE RECONNECTED USING THE EXISTING FIBER OPTIC AND TRACER CABLES. REFER TO THE PROPOSED FIBER SPLICING DIAGRAM PLAN FOR MORE DETAILS. SEE PROPOSED FIBER SPLICING DIAGRAM FOR DETAILS. CABLE RELOCATIONS / CONNECTIONS SHALL BE PAID FOR AS "TERMINATE FIBER IN CABINET". CONTRACTOR SHALL RE-LABEL FIBER OPTIC CABLE IN HANDHOLES AS APPROPRIATE.

FILE NAME = N:\DUPAGE COUNTY DOT\230127\TrafficCAS	USER NAME = bchavez	DESIGNED - BC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC SIGNAL MODERNIZATION PLAN 63RD STREET AND CASS AVENUE</b>	F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLT SCALE = 48'	PLT DATE = 4/2/2026	DRAWN - FPB	REVISED -			1518	20-00288-05-TL	DUPAGE	87	55	
		CHECKED - EAJ	REVISED -			<b>CONTRACT NO. 61M40</b>					
		DATE - 4/2/2026	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

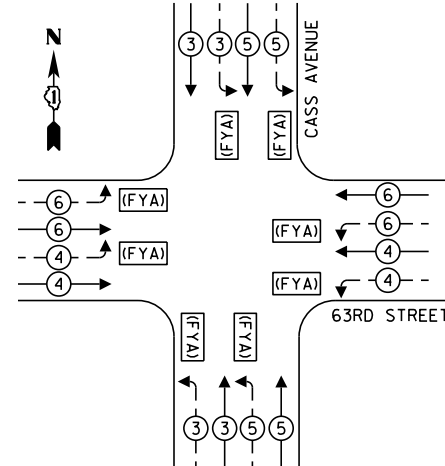
**PROPOSED CONTROLLER SEQUENCE**



**LEGEND:**

- ⊙ — PROTECTED PHASE
- ⊙ — PROTECTED/PERMITTED PHASE
- ⊙ — PEDESTRIAN PHASE
- ⊙ OL — OVERLAP
- FYA — FLASHING YELLOW ARROW

**PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE**



**PROPOSED EVP SEQUENCE NOTE:**  
 THE CONTRACTOR SHALL PROGRAM PRE-EMPTION SEQUENCES 4 AND 6 TO GIVE THE GREEN CIRCULAR INDICATION AND FLASHING YELLOW ARROW INDICATION ON BOTH THE EASTBOUND AND WESTBOUND APPROACHES ON 63RD ST. THE CONTRACTOR SHALL PROGRAM PRE-EMPTION SEQUENCES 3 AND 5 TO GIVE THE GREEN CIRCULAR INDICATION AND FLASHING YELLOW ARROW INDICATION ON BOTH THE NORTHBOUND AND SOUTHBOUND APPROACHES ON CASS AVE.

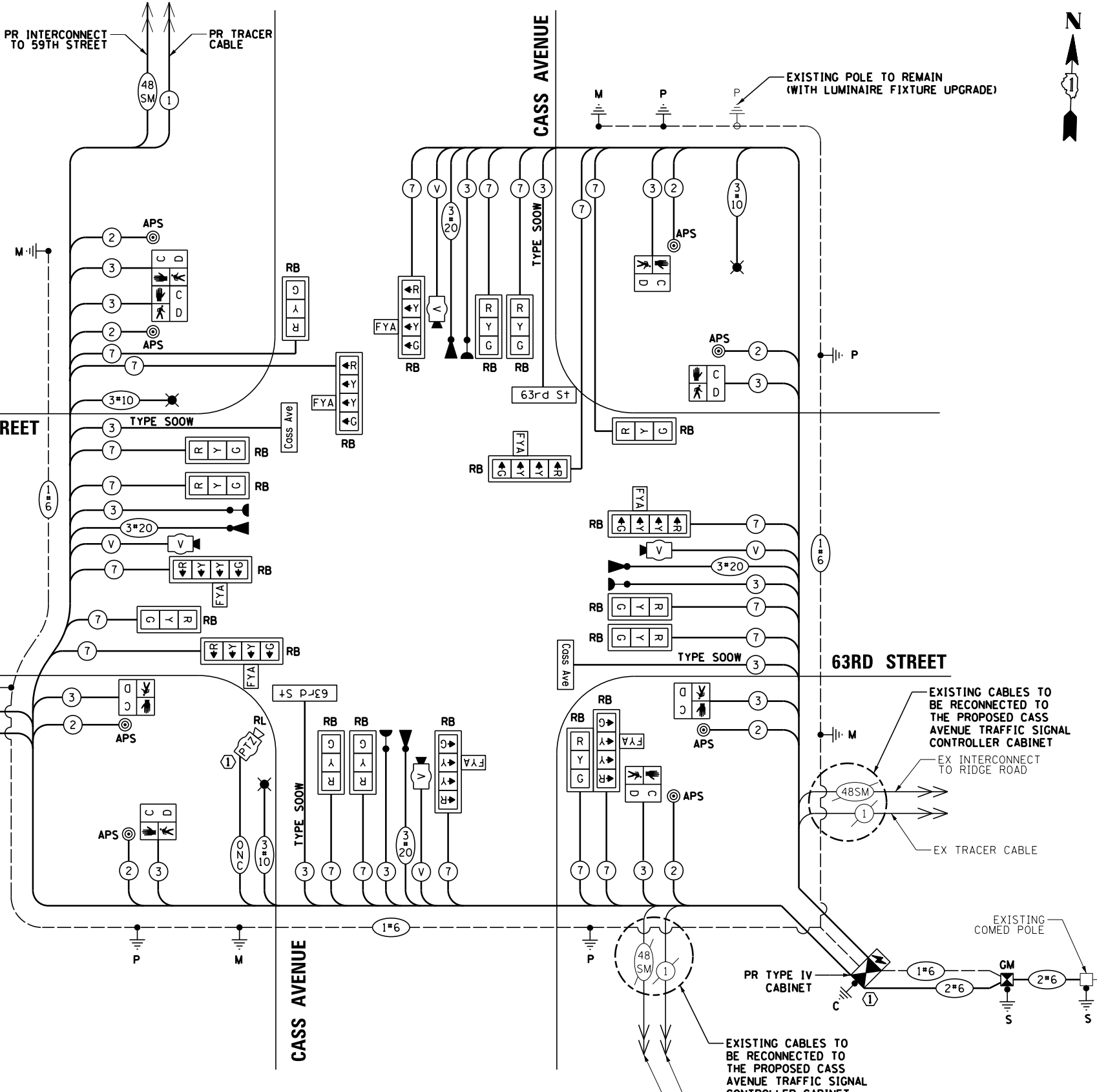
**TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	11	50	66.0
(YELLOW)	12	20	5	12.0
(GREEN)	12	12	45	64.8
SOLID ARROW (RED)	8	10	45	36.0
(GREEN & YELLOW)	16	10	10	16.0
FLASHING ARROW	8	5	45	18.0
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	4	120	50	240.0
LUMINAIRE	3	165	50	247.5
PTZ	1	60	100	60.0
<b>TOTAL =</b>				<b>1195.3</b>

ENERGY COSTS TO:  
 DUPAGE COUNTY DIVISION OF TRANSPORTATION  
 421 N. COUNTY FARM ROAD  
 WHEATON, IL 60187  
 ENERGY SUPPLY: CONTACT: NICK TELUJA  
 PHONE: (440) 796-8979  
 COMPANY: COMED  
 ACCOUNT NUMBER: ---

**CONSTRUCTION NOTES:**

- 1 THE CONTRACTOR SHALL RELOCATE THE EXISTING PTZ CAMERA AND ASSOCIATED EQUIPMENT AND LAYER III (NETWORK) SWITCH FROM THE EXISTING TRAFFIC SIGNAL INSTALLATION AND TEMPORARY TRAFFIC SIGNAL INSTALLATION, RESPECTIVELY, TO THE PERMANENT TRAFFIC SIGNAL INSTALLATION. THIS WORK SHALL BE PAID FOR WITH "RELOCATE EXISTING REMOTE CONTROLLED VIDEO SYSTEM" AND "RELOCATE SWITCH", RESPECTIVELY.
- 2 THE CONTRACTOR SHALL REPLACE THE EXISTING LUMINAIRE FIXTURE AND CABLING. THIS LUMINAIRE WILL BE POWERED FROM THE PROPOSED TRAFFIC SIGNAL CABINET.
- 3 VIDEO DETECTION CAMERAS SHALL BE INSTALLED ON RISER BRACKETS ON THE MAST ARM AT A LOCATION AND HEIGHT OPTIMAL FOR VIDEO DETECTION AND MANUFACTURER RECOMMENDATIONS.
- 4 ALL RED INDICATIONS ON THE TRAFFIC SIGNALS SHALL HAVE SIGNAL LENS COVERS.
- 5 FIBER OPTIC CABLE RECONNECTIONS AS FOLLOWS: CASS AVE, FROM 63RD ST. TO 59TH AND 63RD ST, FROM CASS AVE TO SUFFIELD CT SHALL BE RECONNECTED WITH NEW FIBER OPTIC AND TRACER CABLES. ALONG 63RD ST, CASS AVE TO RIDGE RD AND ALONG CASS AVE, 63RD ST TO 65TH ST SHALL BE RECONNECTED USING THE EXISTING FIBER OPTIC AND TRACER CABLES. REFER TO THE PROPOSED FIBER SPLICING DIAGRAM PLAN FOR MORE DETAILS. SEE PROPOSED FIBER SPLICING DIAGRAM FOR DETAILS, CABLE RELOCATIONS / CONNECTIONS SHALL BE PAID FOR AS "TERMINATE FIBER IN CABINET". CONTRACTOR SHALL RE-LABEL FIBER OPTIC CABLE IN HANDHOLES AS APPROPRIATE.



**CABLE PLAN**  
(NOT TO SCALE)

FILE NAME = USER NAME = bchavez  
 N:\DUPAGE COUNTY DOT\230127\TrafficCAS\_Sht9\_CAB.dgn  
 PLOT SCALE = 48"  
 PLOT DATE = 4/2/2026

DESIGNED - BC  
 DRAWN - FPB  
 CHECKED - EAJ  
 DATE - 4/2/2026

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

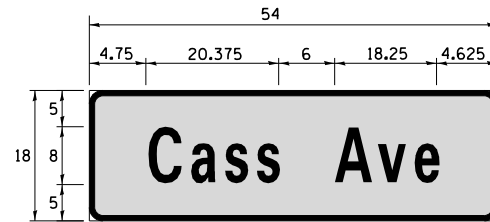
**CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE**  
**63RD STREET AND CASS AVENUE**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	56
CONTRACT NO. 61M40				
FED. ROAD DIST. NO.   ILLINOIS FED. AID PROJECT				

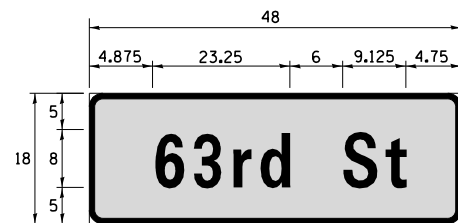
SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

**LED ILLUMINATED MAST ARM MOUNTED  
STREET NAME SIGN**

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE

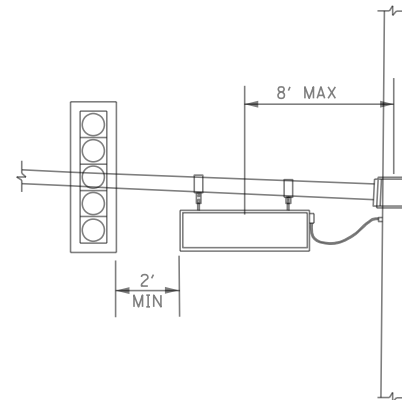


SIGN DIMENSIONS	SIGN NAME	QUANTITY	FONT: FHWA SERIES
54" x 18"	Cass Ave	2	D



SIGN DIMENSIONS	SIGN NAME	QUANTITY	FONT: FHWA SERIES
48" x 18"	63rd St	2	D

NOTE: THE LED ILLUMINATED STREET NAME SIGN SHALL BE PENDANT MOUNT. FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION, PLEASE SEE DISTRICT ONE ILLUMINATED STREET NAME SIGN DETAIL.



**PENDANT MOUNT  
ILLUMINATED STREET NAME SIGN**

NOTE: LED STREET NAME SIGN SHALL BE 2-SIDED AND PENDANT MOUNT TO THE STEEL MAST ARM ASSEMBLY.

**SCHEDULE OF QUANTITIES**

ITEM	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SQ FT	60
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	219
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	34
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	34
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	634
HANDHOLE	EACH	2
DOUBLE HANDHOLE	EACH	1
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	850
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1408
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2362
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	4297
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	163
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1214
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	3
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 60 FT. AND 28 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 34 FT. AND 55 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	20
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	15
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	48
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	22
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	11
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	7
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
* LIGHT DETECTOR	EACH	4
* LIGHT DETECTOR AMPLIFIER	EACH	1
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	7
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	11
* EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	898
RELOCATE SWITCH	EACH	1
LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	4
OUTDOOR RATED NETWORK CABLE	FOOT	272
UNINTERRUPTABLE POWER SUPPLY AND CABINET, SPECIAL	EACH	1
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
LUMINAIRE, LED, SPECIAL	EACH	3
ELECTRIC CABLE IN CONDUIT, STREET NAME SIGN, NO. 14 3C, TYPE SOOW	FOOT	769
CONDUIT SPLICE	EACH	1
INTERCEPT EXISTING CONDUIT	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET (SPECIAL)	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
LED SIGNAL FACE, LENS COVER	EACH	20
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC, SPECIAL	EACH	20
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
* * EXPLORATORY EXCAVATION	FOOT	25
VIDEO DETECTION SYSTEM COMPLETE INTERSECTION	EACH	1
RELOCATE EXISTING REMOTE-CONTROLLED VIDEO SYSTEM	EACH	1
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	3
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1

\* 100% COST TO WESTMONT FIRE DEPARTMENT

\* \* NOMINAL QUANTITY TO BE USED AS NEEDED AND AS APPROVED BY THE ENGINEER

FILE NAME =	USER NAME = bchavez	DESIGNED - BC	REVISED -
N:\DUPAGE COUNTY DOT\230127\Traffic\CA\S_Sht10_STN.dgn		DRAWN - FPB	REVISED -
		CHECKED - EAJ	REVISED -
		DATE - 4/2/2026	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES AND LED ILLUMINATED STREET NAME SIGN 63RD STREET AND CASS AVENUE			
SCALE: N.T.S.	SHEET NO. 07 OF 07 SHEETS	STA. _____ TO STA. _____	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	57
CONTRACT NO. 61M40				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

**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 TRAFFIC SIGNAL CABINET (CONTROLLER TO BE SALVAGED)
- 2 EACH STEEL MAST ARM ASSEMBLY AND POLE
- 2 EACH COMBINATION MAST ARM ASSEMBLY AND POLE
- 2 EACH PEDESTRIAN PUSH-BUTTON POST
- 8 EACH 3-SECTION SIGNAL HEAD
- 4 EACH 5-SECTION SIGNAL HEAD
- 6 EACH PEDESTRIAN SIGNAL HEAD
- 2 EACH ACCESSIBLE PEDESTRIAN SIGNAL
- 4 EACH PEDESTRIAN PUSH-BUTTON
- 1 EACH ELECTRIC SERVICE INSTALLATION
- 8 EACH TRAFFIC SIGNAL BACKPLATE
- 2 EACH LUMINAIRE
- 1 EACH SERVICE, POLE MOUNT
- 3 EACH STREET NAME SIGN PANEL

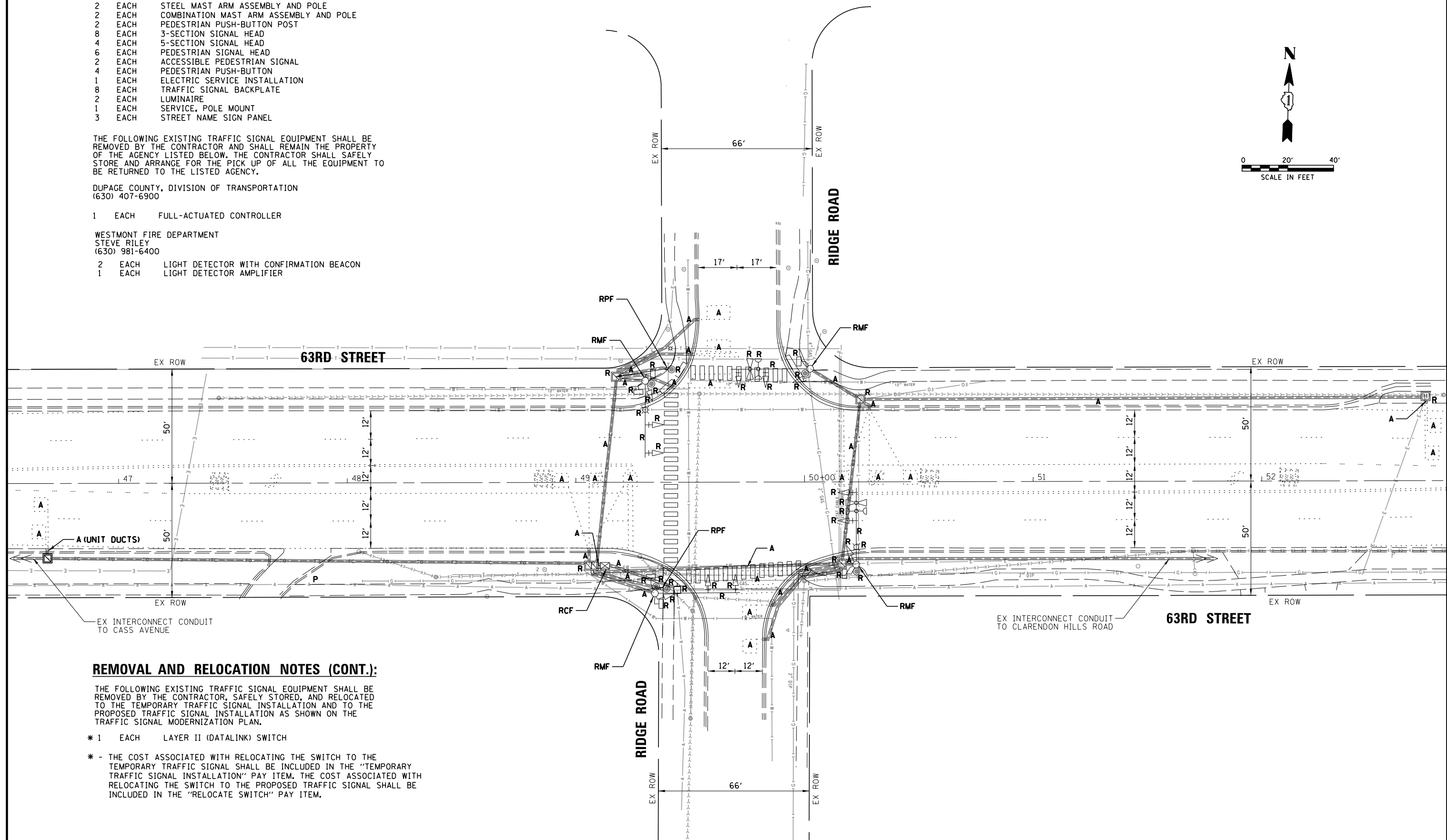
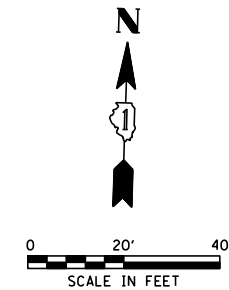
THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR THE PICK UP OF ALL THE EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY.

DUPAGE COUNTY, DIVISION OF TRANSPORTATION  
(630) 407-6900

- 1 EACH FULL-ACTUATED CONTROLLER

WESTMONT FIRE DEPARTMENT  
STEVE RILEY  
(630) 981-6400

- 2 EACH LIGHT DETECTOR WITH CONFIRMATION BEACON
- 1 EACH LIGHT DETECTOR AMPLIFIER



**REMOVAL AND RELOCATION NOTES (CONT.):**

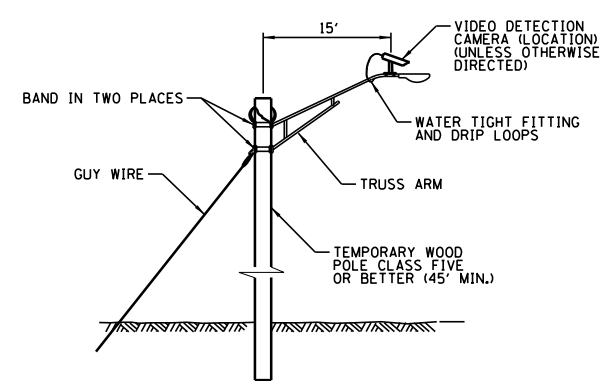
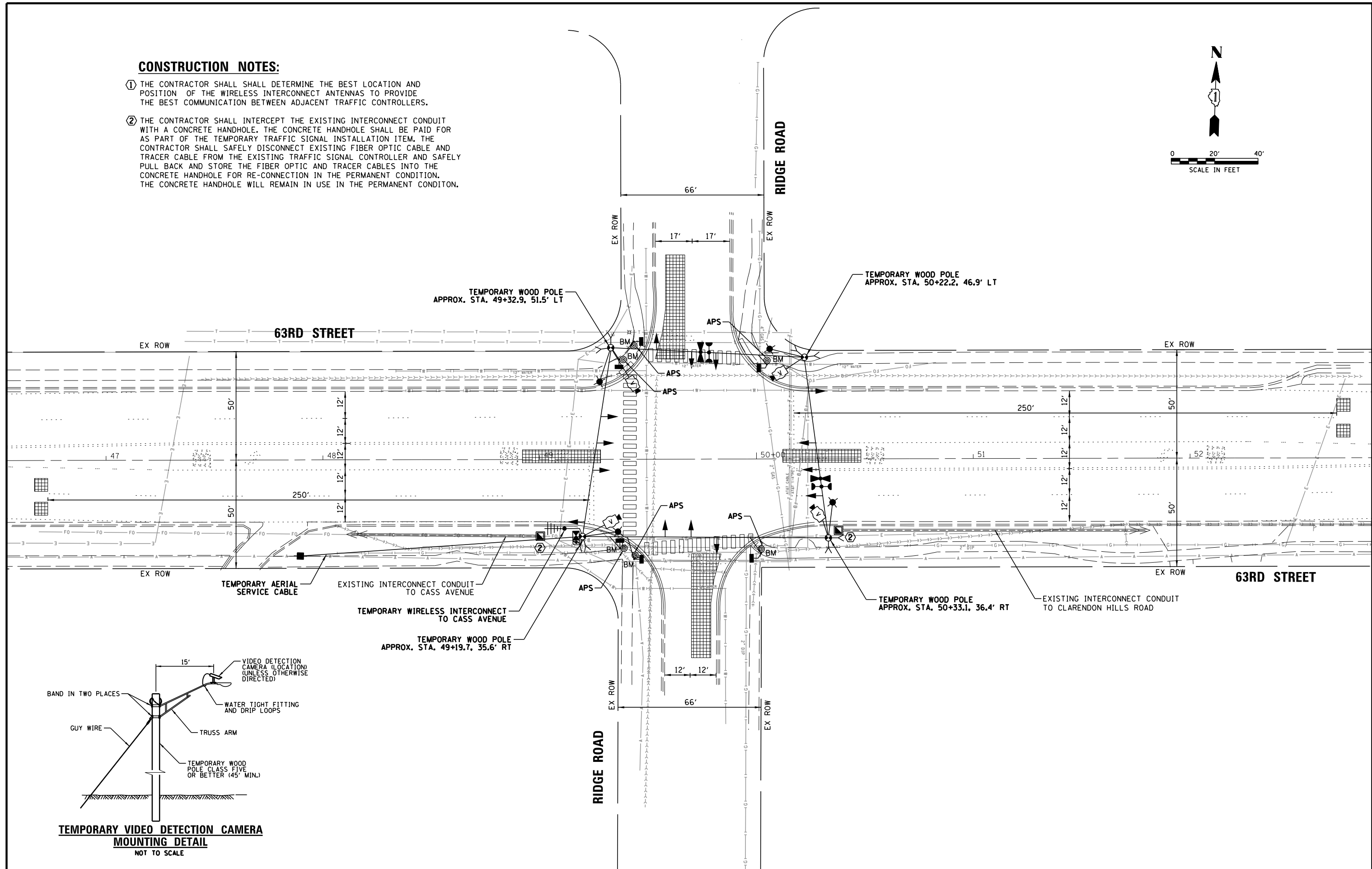
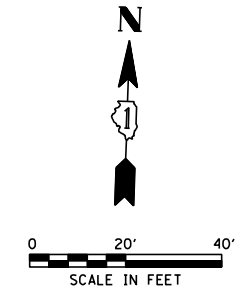
THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED, AND RELOCATED TO THE TEMPORARY TRAFFIC SIGNAL INSTALLATION AND TO THE PROPOSED TRAFFIC SIGNAL INSTALLATION AS SHOWN ON THE TRAFFIC SIGNAL MODERNIZATION PLAN.

- \* 1 EACH LAYER II (DATALINK) SWITCH
- \* - THE COST ASSOCIATED WITH RELOCATING THE SWITCH TO THE TEMPORARY TRAFFIC SIGNAL SHALL BE INCLUDED IN THE "TEMPORARY TRAFFIC SIGNAL INSTALLATION" PAY ITEM. THE COST ASSOCIATED WITH RELOCATING THE SWITCH TO THE PROPOSED TRAFFIC SIGNAL SHALL BE INCLUDED IN THE "RELOCATE SWITCH" PAY ITEM.

FILE NAME = N:\DUPAGE COUNTY DOT\230127\TrafficRidge	USER NAME = bchovez	DESIGNED - BC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVAL PLAN 63RD STREET AND RIDGE ROAD</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLT SCALE = 48'	DRAWN - FPB	REVISED -			1518	20-00288-05-TL	DUPAGE	87	58
	PLT DATE = 4/2/2026	CHECKED - EAJ	REVISED -			<b>CONTRACT NO. 61M40</b>				
		DATE - 4/2/2026	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
				SCALE: 1" = 40'		SHEET NO.	OF SHEETS	STA.	TO STA.	

**CONSTRUCTION NOTES:**

- ① THE CONTRACTOR SHALL DETERMINE THE BEST LOCATION AND POSITION OF THE WIRELESS INTERCONNECT ANTENNAS TO PROVIDE THE BEST COMMUNICATION BETWEEN ADJACENT TRAFFIC CONTROLLERS.
- ② THE CONTRACTOR SHALL INTERCEPT THE EXISTING INTERCONNECT CONDUIT WITH A CONCRETE HANDHOLE. THE CONCRETE HANDHOLE SHALL BE PAID FOR AS PART OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION ITEM. THE CONTRACTOR SHALL SAFELY DISCONNECT EXISTING FIBER OPTIC CABLE AND TRACER CABLE FROM THE EXISTING TRAFFIC SIGNAL CONTROLLER AND SAFELY PULL BACK AND STORE THE FIBER OPTIC AND TRACER CABLES INTO THE CONCRETE HANDHOLE FOR RE-CONNECTION IN THE PERMANENT CONDITION. THE CONCRETE HANDHOLE WILL REMAIN IN USE IN THE PERMANENT CONDITION.



**TEMPORARY VIDEO DETECTION CAMERA MOUNTING DETAIL**  
NOT TO SCALE

FILE NAME = N:\DUPAGE COUNTY DOT\230127\Traffic\RI	USER NAME = bchavez	DESIGNED - BC	REVISED -
		DRAWN - FPB	REVISED -
		CHECKED - EAJ	REVISED -
		DATE - 4/2/2026	REVISED -

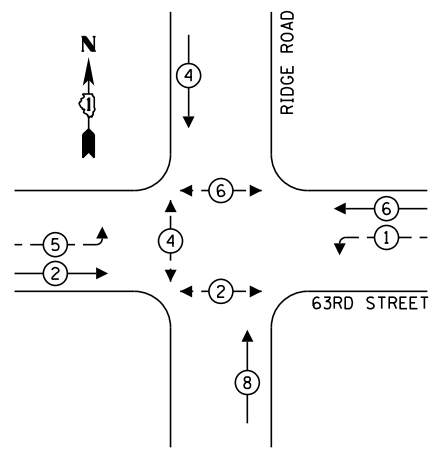
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN  
63RD STREET AND RIDGE ROAD**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	59
CONTRACT NO. 61M40				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

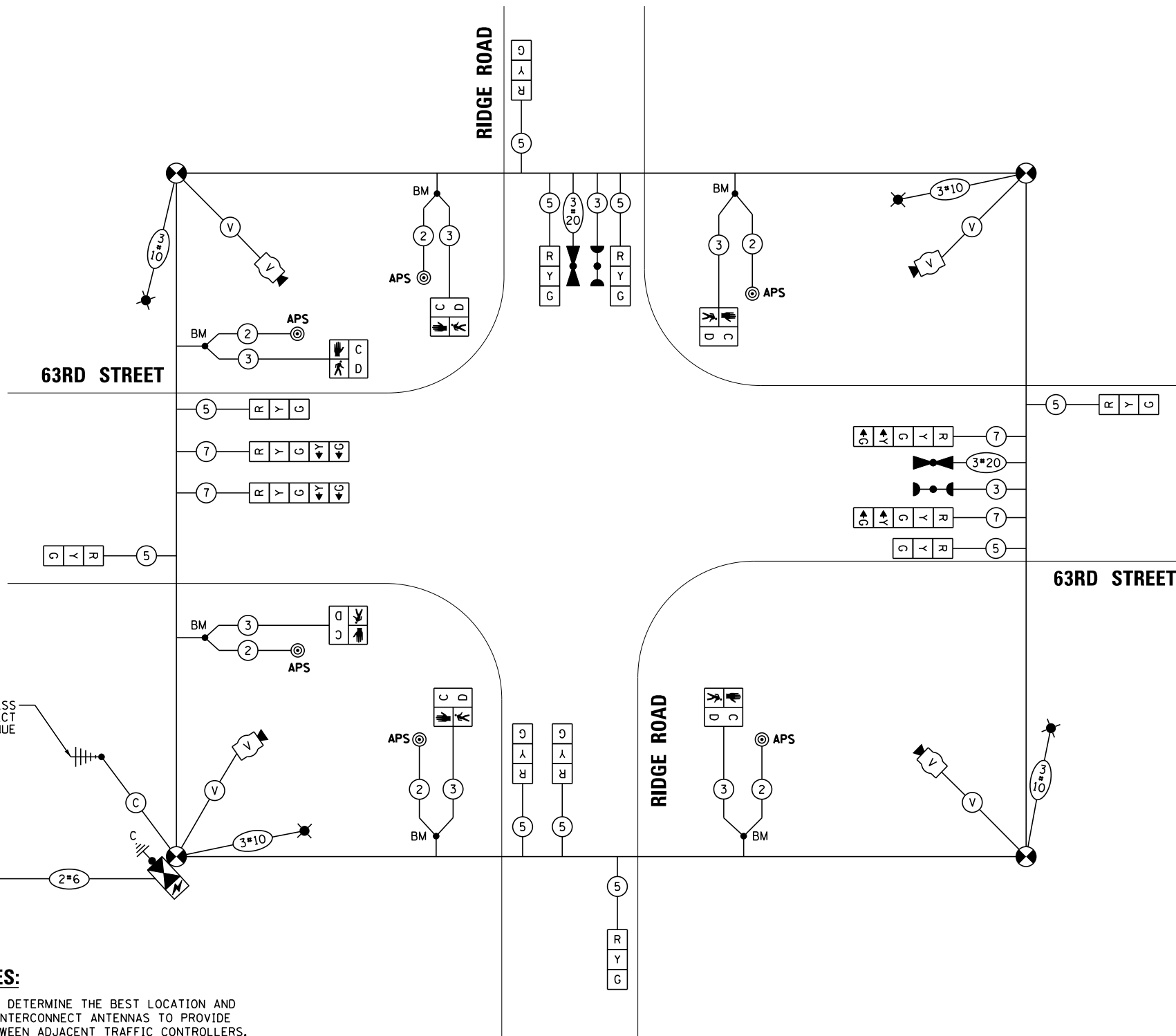
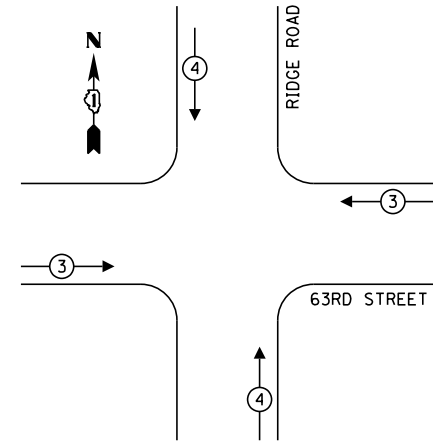
**TEMPORARY CONTROLLER SEQUENCE**



**LEGEND:**

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

**TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE**



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

**CONSTRUCTION NOTES:**

- ① THE CONTRACTOR SHALL DETERMINE THE BEST LOCATION AND POSITION OF THE WIRELESS INTERCONNECT ANTENNAS TO PROVIDE THE BEST COMMUNICATION BETWEEN ADJACENT TRAFFIC CONTROLLERS.
- ② THE CONTRACTOR SHALL INTERCEPT THE EXISTING INTERCONNECT CONDUIT WITH A CONCRETE HANDHOLE. THE CONCRETE HANDHOLE SHALL BE PAID FOR AS PART OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION ITEM. THE CONTRACTOR SHALL SAFELY DISCONNECT EXISTING FIBER OPTIC CABLE AND TRACER CABLE FROM THE EXISTING TRAFFIC SIGNAL CONTROLLER AND SAFELY PULL BACK AND STORE THE FIBER OPTIC AND TRACER CABLES INTO THE CONCRETE HANDHOLE FOR RE-CONNECTION IN THE PERMANENT CONDITION. THE CONCRETE HANDHOLE WILL REMAIN IN USE IN THE PERMANENT CONDITION.

**TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	14	11	50	77.0
(YELLOW)	14	20	5	14.0
(GREEN)	14	12	45	75.6
PERMISSIVE ARROW	8	10	10	8.0
PED. SIGNAL	6	20	100	120.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	4	165	50	330.0
TOTAL =				899.6

ENERGY COSTS TO:

DUPAGE COUNTY DIVISION OF TRANSPORTATION  
421 N. COUNTY FARM ROAD  
WHEATON, IL 60187

ENERGY SUPPLY: CONTACT: NICK TELUJA  
PHONE: (440) 796-8979  
COMPANY: COMED UNIVERSITY PARK  
ACCOUNT NUMBER: ---

FILE NAME = N:\DUPAGE COUNTY DOT\230127\Traffic\RIDGE\_Sht7\_TCB.dgn  
USER NAME = bchavez  
PLOT SCALE = 48"  
PLOT DATE = 4/2/2026

DESIGNED - BC  
DRAWN - FPB  
CHECKED - EAJ  
DATE - 4/2/2026

REVISED - \_\_\_  
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

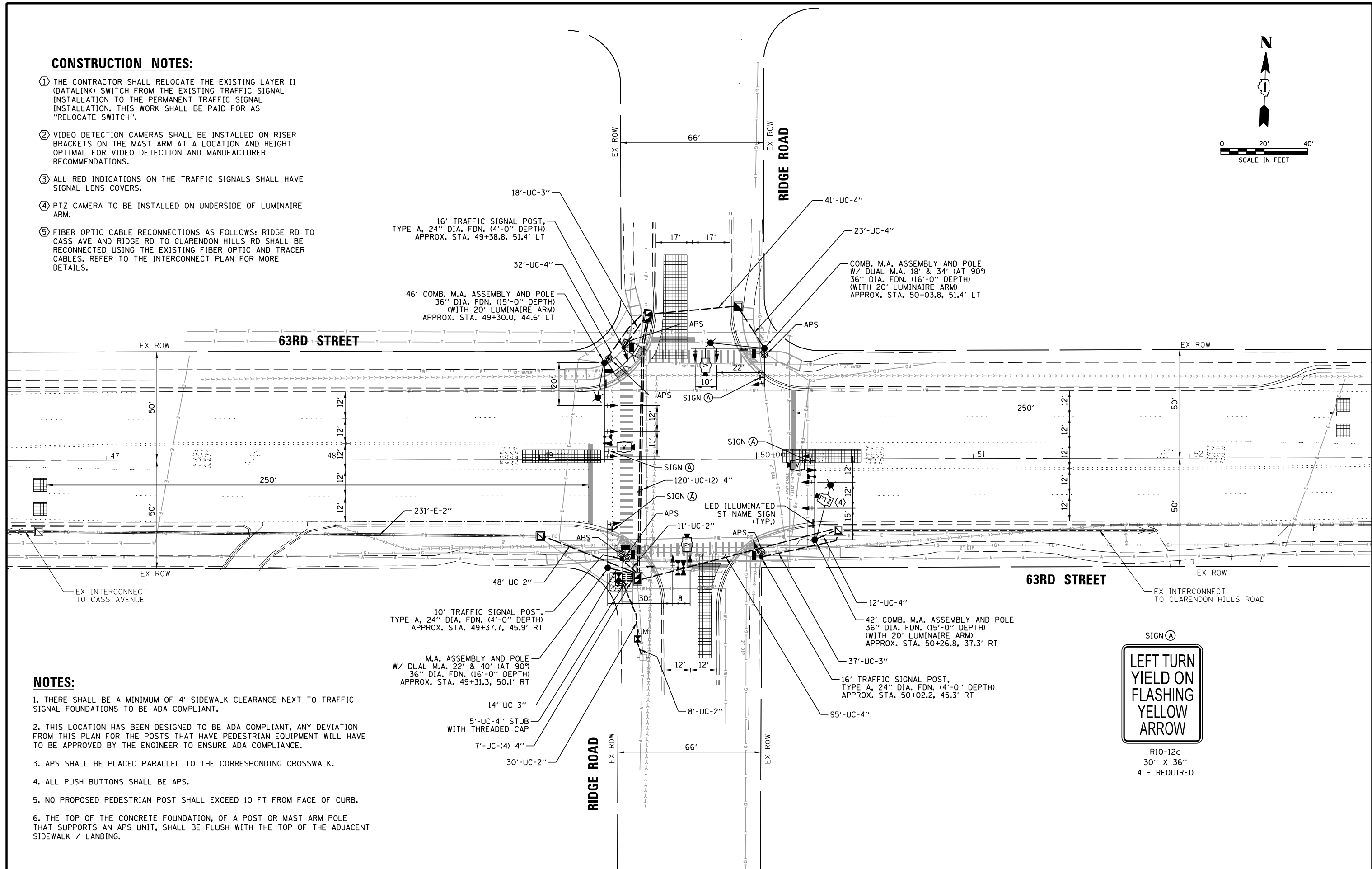
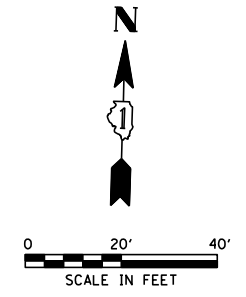
TEMPORARY CABLE PLAN AND  
TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE  
63RD STREET AND RIDGE ROAD

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	60
CONTRACT NO. 61M40				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

**CONSTRUCTION NOTES:**

- ① THE CONTRACTOR SHALL RELOCATE THE EXISTING LAYER II (DATALINK) SWITCH FROM THE EXISTING TRAFFIC SIGNAL INSTALLATION TO THE PERMANENT TRAFFIC SIGNAL INSTALLATION. THIS WORK SHALL BE PAID FOR AS "RELOCATE SWITCH".
- ② VIDEO DETECTION CAMERAS SHALL BE INSTALLED ON RISER BRACKETS ON THE MAST ARM AT A LOCATION AND HEIGHT OPTIMAL FOR VIDEO DETECTION AND MANUFACTURER RECOMMENDATIONS.
- ③ ALL RED INDICATIONS ON THE TRAFFIC SIGNALS SHALL HAVE SIGNAL LENS COVERS.
- ④ PTZ CAMERA TO BE INSTALLED ON UNDERSIDE OF LUMINAIRE ARM.
- ⑤ FIBER OPTIC CABLE RECONNECTIONS AS FOLLOWS: RIDGE RD TO CASS AVE AND RIDGE RD TO CLARENDON HILLS RD SHALL BE RECONNECTED USING THE EXISTING FIBER OPTIC AND TRACER CABLES. REFER TO THE INTERCONNECT PLAN FOR MORE DETAILS.



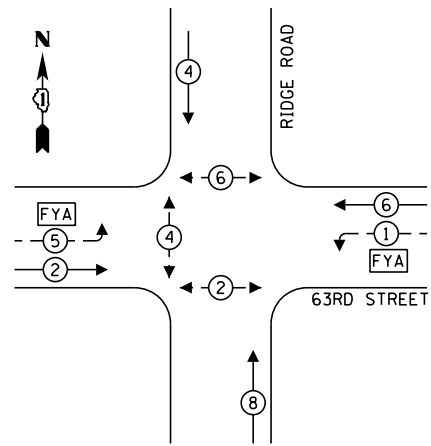
**NOTES:**

1. THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.
2. THIS LOCATION HAS BEEN DESIGNED TO BE ADA COMPLIANT, ANY DEVIATION FROM THIS PLAN FOR THE POSTS THAT HAVE PEDESTRIAN EQUIPMENT WILL HAVE TO BE APPROVED BY THE ENGINEER TO ENSURE ADA COMPLIANCE.
3. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
4. ALL PUSH BUTTONS SHALL BE APS.
5. NO PROPOSED PEDESTRIAN POST SHALL EXCEED 10 FT FROM FACE OF CURB.
6. THE TOP OF THE CONCRETE FOUNDATION, OF A POST OR MAST ARM POLE THAT SUPPORTS AN APS UNIT, SHALL BE FLUSH WITH THE TOP OF THE ADJACENT SIDEWALK / LANDING.



FILE NAME =	USER NAME = bchavez	DESIGNED - BC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC SIGNAL MODERNIZATION PLAN 63RD STREET AND RIDGE ROAD</b>	F.A.U. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\DUPAGE COUNTY DOT\230127\Traffic\RI	GE_Sht8_MOD.dgn	DRAWN - FPB	REVISED -			1518	20-00288-05-TL	DUPAGE	87	61
PLOT SCALE = 48'		CHECKED - EAJ	REVISED -			<b>CONTRACT NO. 61M40</b>				
PLOT DATE = 4/2/2026		DATE - 4/2/2026	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

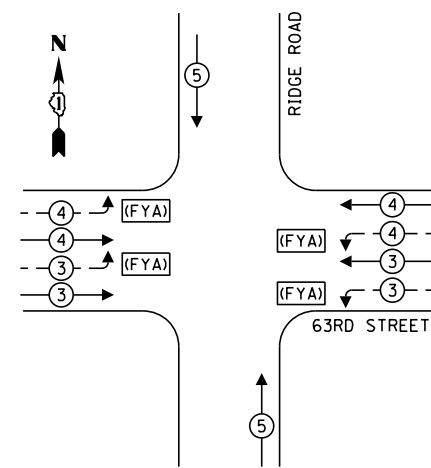
**PROPOSED CONTROLLER SEQUENCE**



**LEGEND:**

- ← ⊛ → PROTECTED PHASE
- ← ⊛ - - PROTECTED/PERMITTED PHASE
- ← ⊛ → PEDESTRIAN PHASE
- ← ⊛ OL → OVERLAP
- [FYA] FLASHING YELLOW ARROW

**PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE**



**PROPOSED EVP SEQUENCE NOTE:**  
 THE CONTRACTOR SHALL PROGRAM PRE-EMPTION SEQUENCES 3 AND 4 TO GIVE THE GREEN CIRCULAR INDICATION AND FLASHING YELLOW ARROW INDICATION ON BOTH THE EASTBOUND AND WESTBOUND APPROACHES ON 63RD ST. THE CONTRACTOR SHALL PROGRAM PRE-EMPTION SEQUENCE 5 TO GIVE THE GREEN CIRCULAR INDICATION ON THE NORTHBOUND AND SOUTHBOUND APPROACHES ON RIDGE RD.

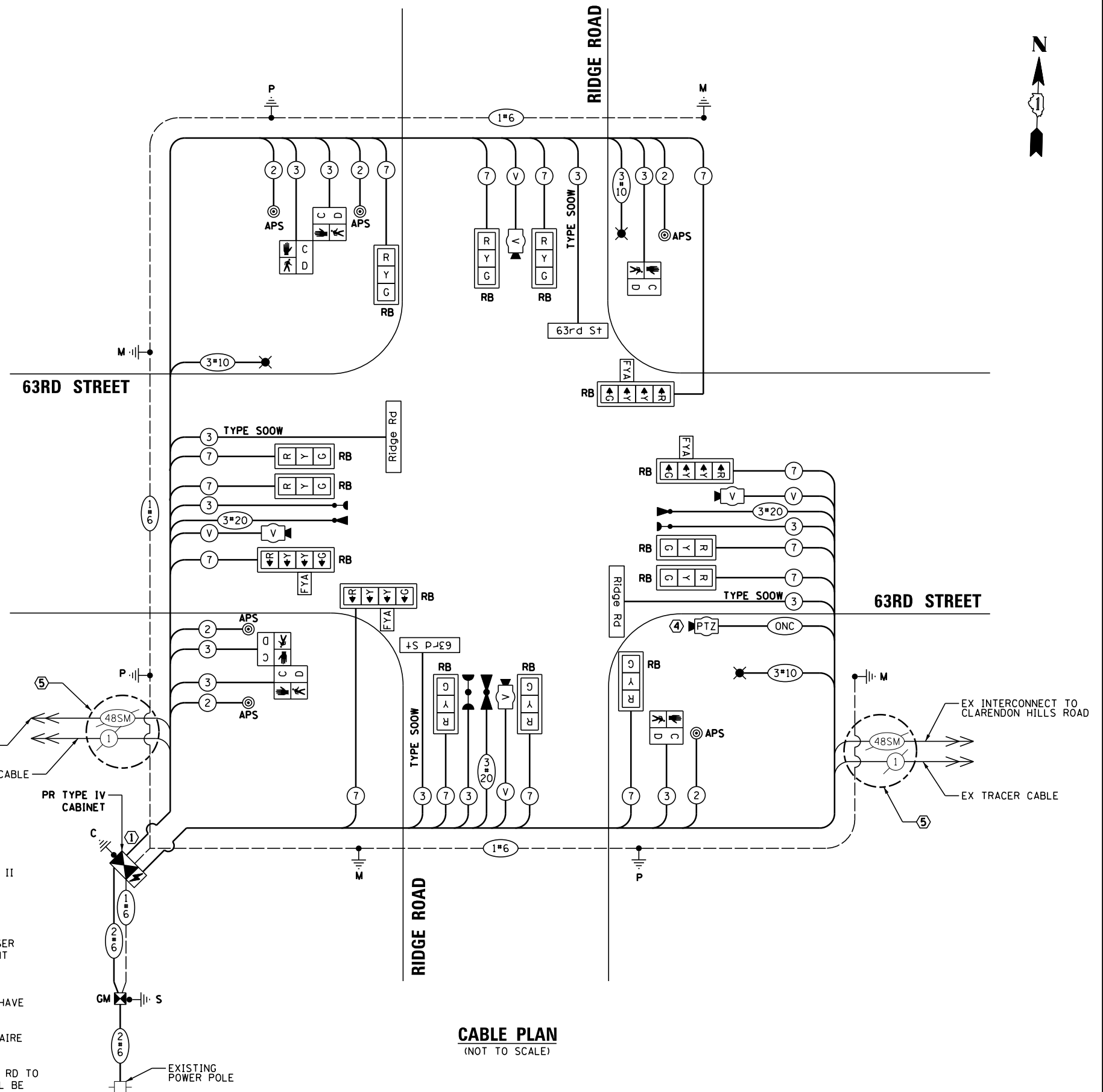
**TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	10	11	50	55.0
(YELLOW)	10	20	5	10.0
(GREEN)	10	12	45	54.0
SOLID ARROW (RED)	4	10	45	18.0
(GREEN & YELLOW)	8	10	10	8.0
FLASHING ARROW	4	5	45	9.0
PED. SIGNAL	6	20	100	120.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	4	120	50	240.0
LUMINAIRE	3	165	50	247.5
PTZ	1	60	100	60.0
TOTAL =				1096.5

ENERGY COSTS TO:  
 DUPAGE COUNTY DIVISION OF TRANSPORTATION  
 421 N. COUNTY FARM ROAD  
 WHEATON, IL 60187  
 ENERGY SUPPLY: CONTACT: NICK TELUJA  
 PHONE: (440) 796-8979  
 COMPANY: COMED  
 ACCOUNT NUMBER: ---

**CONSTRUCTION NOTES:**

- 1 THE CONTRACTOR SHALL RELOCATE THE EXISTING LAYER II (DATALINK) SWITCH FROM THE EXISTING TRAFFIC SIGNAL INSTALLATION TO THE PERMANENT TRAFFIC SIGNAL INSTALLATION. THIS WORK SHALL BE PAID FOR AS "RELOCATE SWITCH".
- 2 VIDEO DETECTION CAMERAS SHALL BE INSTALLED ON RISER BRACKETS ON THE MAST ARM AT A LOCATION AND HEIGHT OPTIMAL FOR VIDEO DETECTION AND MANUFACTURER RECOMMENDATIONS.
- 3 ALL RED INDICATIONS ON THE TRAFFIC SIGNALS SHALL HAVE SIGNAL LENS COVERS.
- 4 PTZ CAMERA TO BE INSTALLED ON UNDERSIDE OF LUMINAIRE ARM.
- 5 FIBER OPTIC CABLE RECONNECTIONS AS FOLLOWS: RIDGE RD TO CASS AVE AND RIDGE RD TO CLARENDON HILLS RD SHALL BE RECONNECTED USING THE EXISTING FIBER OPTIC AND TRACER CABLES. REFER TO THE INTERCONNECT PLAN FOR MORE DETAILS.



**CABLE PLAN**  
(NOT TO SCALE)

FILE NAME =	USER NAME = bchavez	DESIGNED - BC	REVISED -
N:\DUPAGE COUNTY DOT\230127\Traffic\RIDGE_Sht19_CAB.dgn		DRAWN - FPB	REVISED -
		CHECKED - EAJ	REVISED -
		DATE - 4/2/2026	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

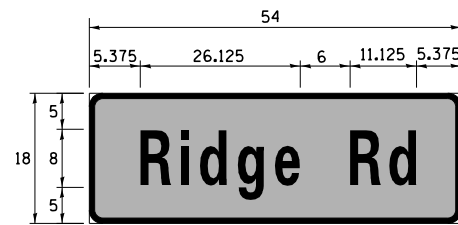
**CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE 63RD STREET AND RIDGE ROAD**

SCALE: N.T.S.	SHEET NO. OF SHEETS	STA. TO STA.
---------------	---------------------	--------------

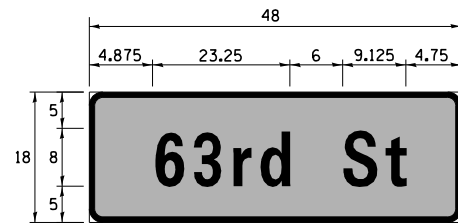
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	62
CONTRACT NO. 61M40				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

**LED ILLUMINATED MAST ARM MOUNTED  
STREET NAME SIGN**

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE

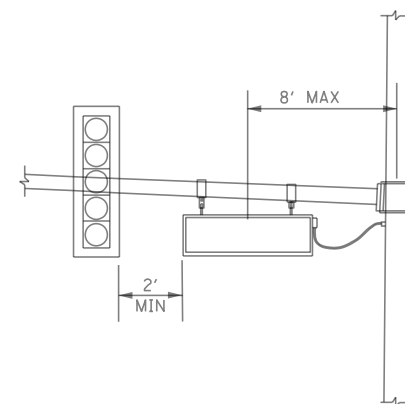


SIGN DIMENSIONS	SIGN NAME	QUANTITY	FONT: FHWA SERIES
54" x 18"	Ridge Rd	2	D



SIGN DIMENSIONS	SIGN NAME	QUANTITY	FONT: FHWA SERIES
48" x 18"	63rd St	2	D

NOTE: THE LED ILLUMINATED STREET NAME SIGN SHALL BE PENDANT MOUNT. FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION, PLEASE SEE DISTRICT ONE ILLUMINATED STREET NAME SIGN DETAIL.



**PENDANT MOUNT  
ILLUMINATED STREET NAME SIGN**

NOTE: LED STREET NAME SIGN SHALL BE 2-SIDED AND PENDANT MOUNT TO THE STEEL MAST ARM ASSEMBLY.

**SCHEDULE OF QUANTITIES**

ITEM	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SQ FT	30
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	97
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	69
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	476
HANDHOLE	EACH	1
DOUBLE HANDHOLE	EACH	2
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	766
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	881
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1467
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2795
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	76
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	910
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 22 FT. AND 40 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 18 FT. AND 34 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	16
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	62
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	8
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	6
* LIGHT DETECTOR	EACH	3
* LIGHT DETECTOR AMPLIFIER	EACH	1
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	4
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	7
* EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	544
RELOCATE SWITCH	EACH	1
LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	4
OUTDOOR RATED NETWORK CABLE	FOOT	208
UNINTERRUPTABLE POWER SUPPLY AND CABINET, SPECIAL	EACH	1
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
LUMINAIRE, LED, SPECIAL	EACH	3
ELECTRIC CABLE IN CONDUIT, STREET NAME SIGN, NO. 14 3C, TYPE SOOW	FOOT	727
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET (SPECIAL)	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6
LED SIGNAL FACE, LENS COVER	EACH	14
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC, SPECIAL	EACH	14
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
VIDEO DETECTION SYSTEM COMPLETE INTERSECTION	EACH	1
REMOTE CONTROLLED VIDEO SYSTEM	EACH	1
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	3
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1

\* 100% COST TO WESTMONT FIRE DEPARTMENT

FILE NAME =	USER NAME = bchavez	DESIGNED - BC	REVISED -
N:\DUPAGE COUNTY DOT\230127\Traffic\RI	GE_Sht10_STN.dgn	DRAWN - FPB	REVISED -
	PLOT SCALE = 48"	CHECKED - EAJ	REVISED -
	PLOT DATE = 4/2/2026	DATE - 4/2/2026	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**SCHEDULE OF QUANTITIES AND  
LED ILLUMINATED STREET NAME SIGN  
63RD STREET AND RIDGE ROAD**

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	63
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61M40	

**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 TRAFFIC SIGNAL CABINET (CONTROLLER TO BE SALVAGED)
- 2 EACH COMBINATION MAST ARM ASSEMBLY AND POLE
- 6 EACH TRAFFIC SIGNAL POST
- 3 EACH PEDESTRIAN SIGNAL POST
- 6 EACH 3-SECTION SIGNAL HEAD
- 8 EACH 5-SECTION SIGNAL HEAD
- 8 EACH PEDESTRIAN SIGNAL HEAD
- 5 EACH PEDESTRIAN PUSH-BUTTON
- 1 EACH ELECTRIC SERVICE INSTALLATION
- 4 EACH TRAFFIC SIGNAL BACKPLATE
- 2 EACH LUMINAIRE

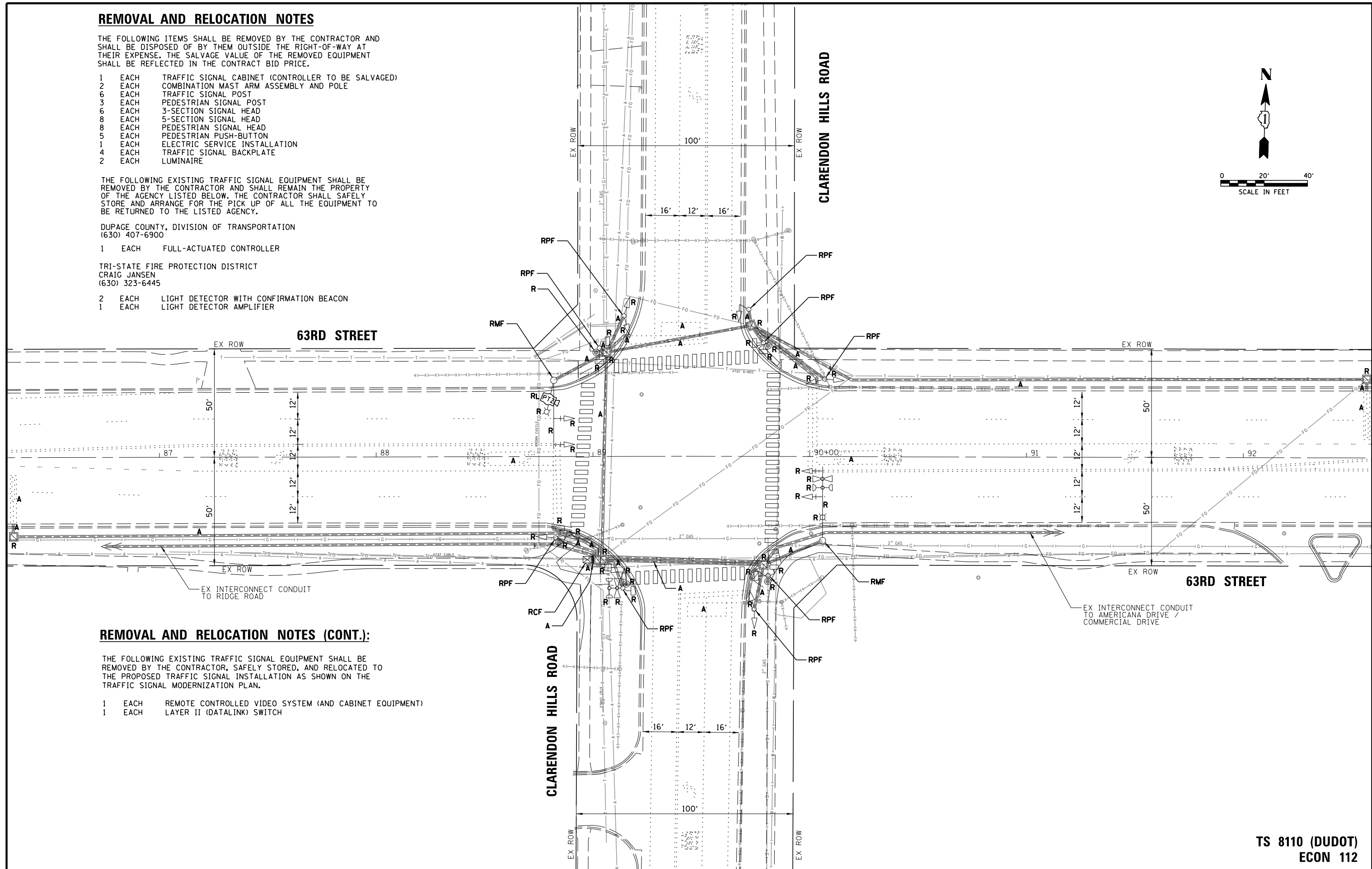
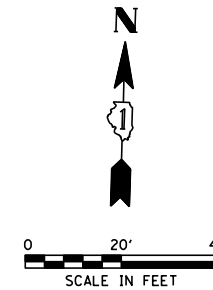
THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR THE PICK UP OF ALL THE EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY.

DUPAGE COUNTY, DIVISION OF TRANSPORTATION  
(630) 407-6900

- 1 EACH FULL-ACTUATED CONTROLLER

TRI-STATE FIRE PROTECTION DISTRICT  
CRAIG JANSEN  
(630) 323-6445

- 2 EACH LIGHT DETECTOR WITH CONFIRMATION BEACON
- 1 EACH LIGHT DETECTOR AMPLIFIER



**REMOVAL AND RELOCATION NOTES (CONT.):**

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED, AND RELOCATED TO THE PROPOSED TRAFFIC SIGNAL INSTALLATION AS SHOWN ON THE TRAFFIC SIGNAL MODERNIZATION PLAN.

- 1 EACH REMOTE CONTROLLED VIDEO SYSTEM (AND CABINET EQUIPMENT)
- 1 EACH LAYER II (DATALINK) SWITCH

FILE NAME =	USER NAME = bchovez	DESIGNED - BC	REVISED -
N:\DUPAGE COUNTY DOT\230127\Traffic\CL	RENDON_Sht5_TS-REM.dgn	DRAWN - FPB	REVISED -
	PLOT SCALE = 48'	CHECKED - EAJ	REVISED -
	PLOT DATE = 4/2/2026	DATE - 4/2/2026	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVAL PLAN  
63RD STREET AND CLARENDON HILLS ROAD**

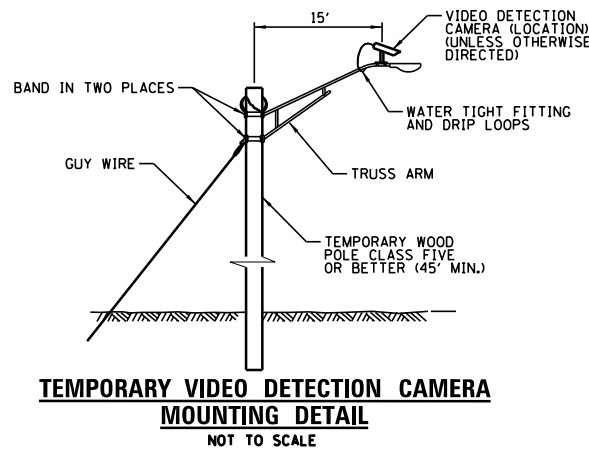
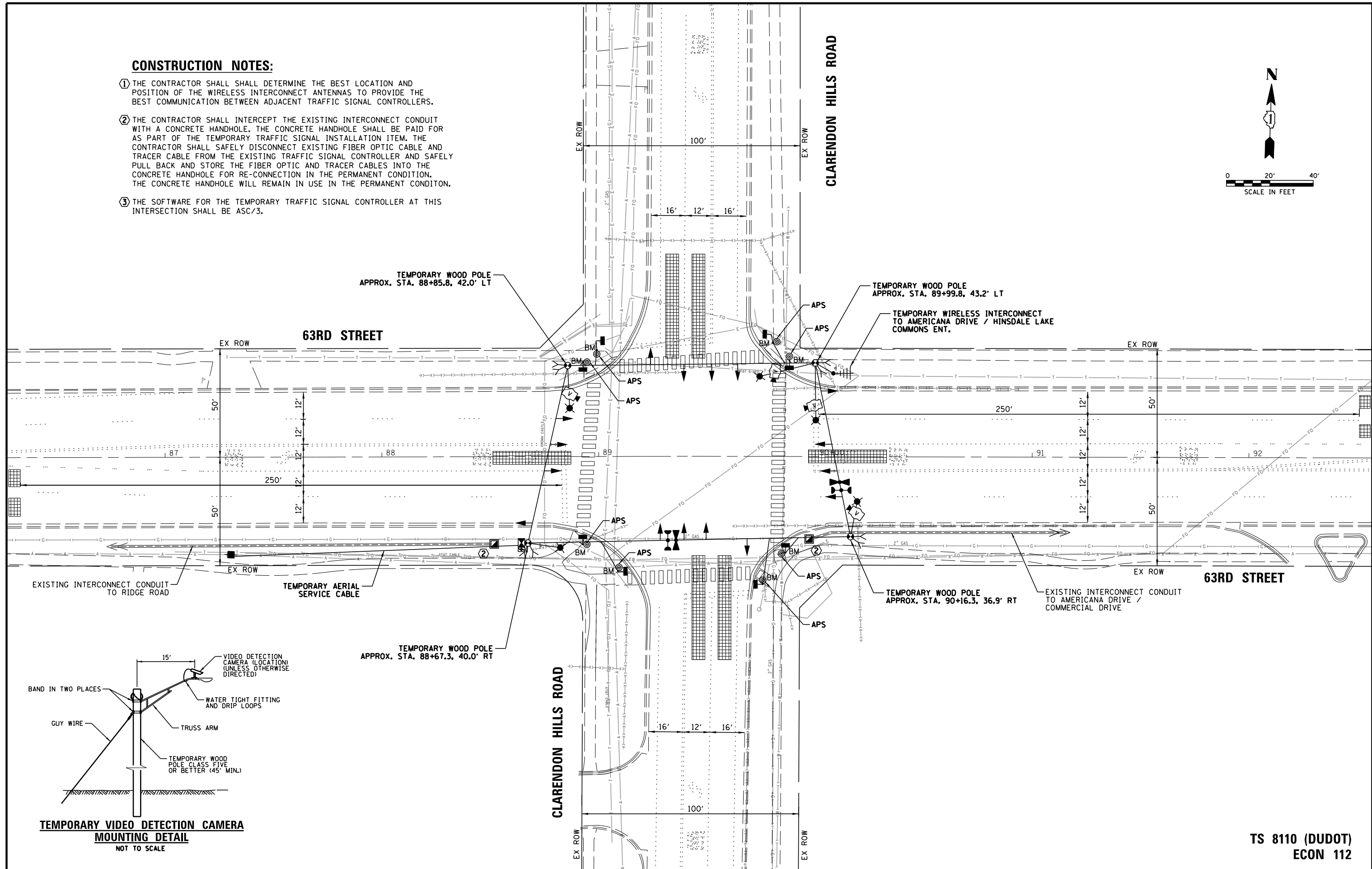
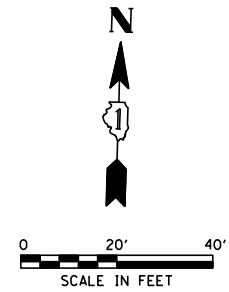
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	64
CONTRACT NO. 61M40				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

**TS 8110 (DUDOT)  
ECON 112**

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

**CONSTRUCTION NOTES:**

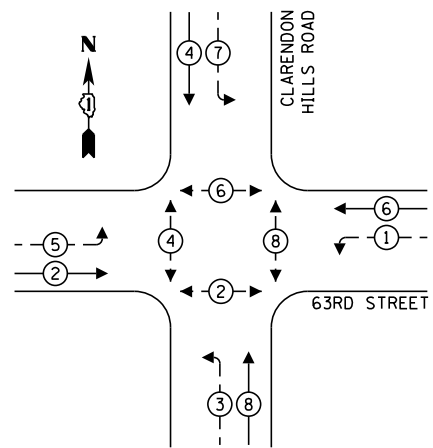
- ① THE CONTRACTOR SHALL DETERMINE THE BEST LOCATION AND POSITION OF THE WIRELESS INTERCONNECT ANTENNAS TO PROVIDE THE BEST COMMUNICATION BETWEEN ADJACENT TRAFFIC SIGNAL CONTROLLERS.
- ② THE CONTRACTOR SHALL INTERCEPT THE EXISTING INTERCONNECT CONDUIT WITH A CONCRETE HANDHOLE. THE CONCRETE HANDHOLE SHALL BE PAID FOR AS PART OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION ITEM. THE CONTRACTOR SHALL SAFELY DISCONNECT EXISTING FIBER OPTIC CABLE AND TRACER CABLE FROM THE EXISTING TRAFFIC SIGNAL CONTROLLER AND SAFELY PULL BACK AND STORE THE FIBER OPTIC AND TRACER CABLES INTO THE CONCRETE HANDHOLE FOR RE-CONNECTION IN THE PERMANENT CONDITION. THE CONCRETE HANDHOLE WILL REMAIN IN USE IN THE PERMANENT CONDITION.
- ③ THE SOFTWARE FOR THE TEMPORARY TRAFFIC SIGNAL CONTROLLER AT THIS INTERSECTION SHALL BE ASC/3.



**TS 8110 (DUDOT)  
ECON 112**

FILE NAME = N:\DUPAGE COUNTY DOT\230127\Traffic\CLARENDON_Sht6_TMP.dgn	USER NAME = bchavez	DESIGNED - BC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN 63RD STREET AND CLARENDON HILLS ROAD</b>	F.A.U. RTE. 1518	SECTION 20-00288-05-TL	COUNTY DUPAGE	TOTAL SHEETS 87	SHEET NO. 65	
PLT SCALE = 48'	CHECKED - EAJ	REVISIED -	SCALE: 1" = 40'			SHEET NO. OF SHEETS	STA. TO STA.	<b>CONTRACT NO. 61M40</b>			
PLT DATE = 4/2/2026	DATE - 4/2/2026	REVISIED -						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

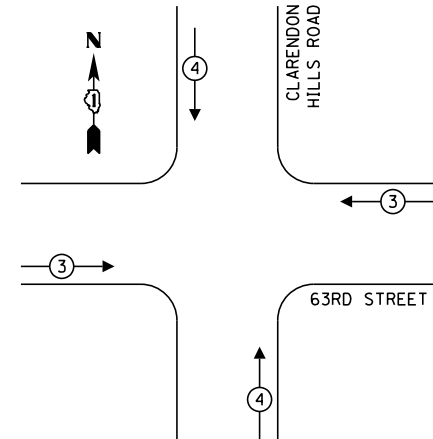
**TEMPORARY CONTROLLER SEQUENCE**



**LEGEND:**

- ← (⊙) ← PROTECTED PHASE
- ← (⊙) ← PROTECTED/PERMITTED PHASE
- ← (⊙) ← PEDESTRIAN PHASE
- ← (⊙) ← OL OVERLAP

**TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE**



**TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	11	50	66.0
(YELLOW)	12	20	5	12.0
(GREEN)	12	12	45	64.8
PERMISSIVE ARROW	16	10	10	16.0
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	5	165	50	412.5
TOTAL =				1006.3

ENERGY COSTS TO:

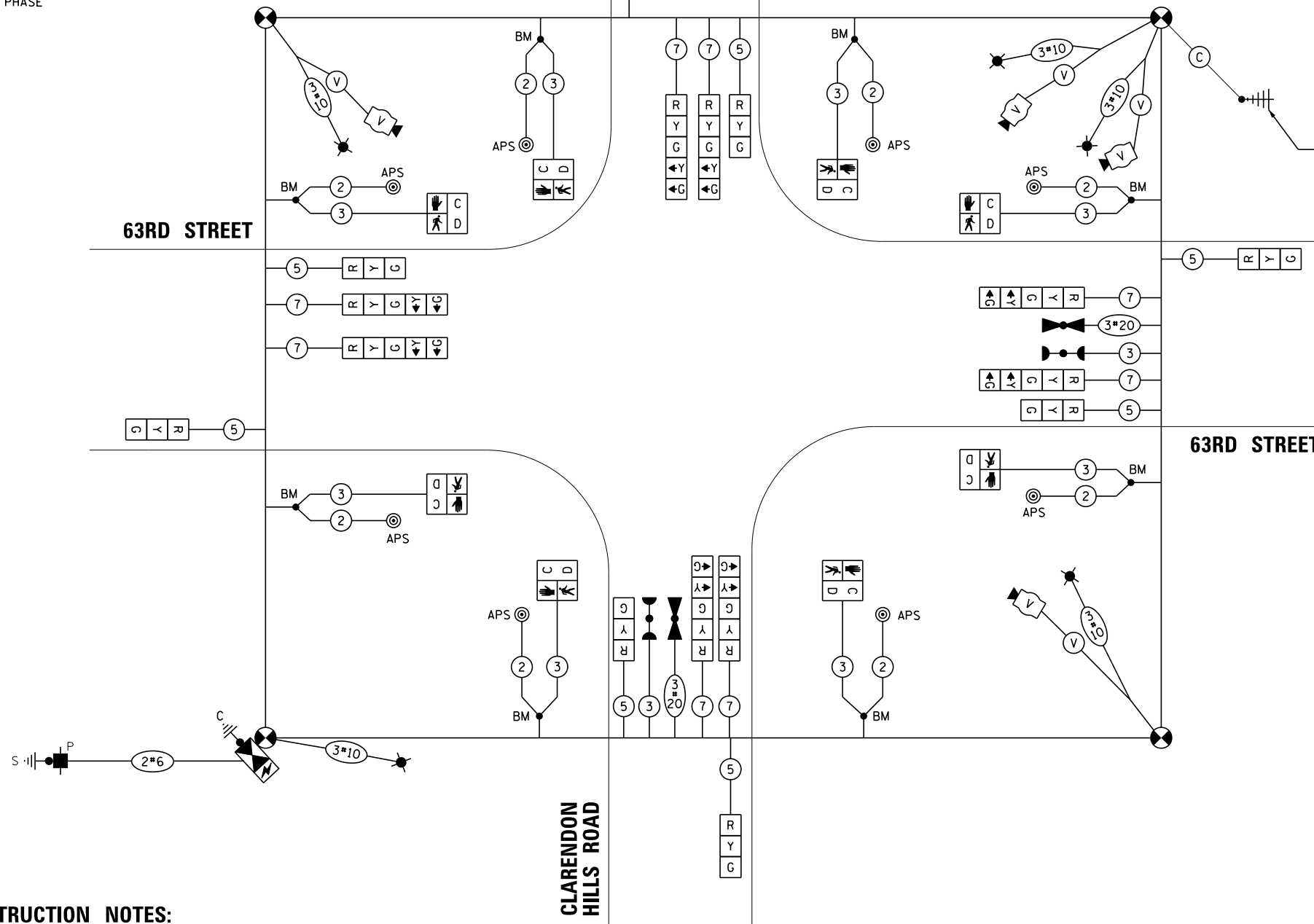
VILLAGE OF WILLOWBROOK  
7760 QUINCY STREET  
WILLOWBROOK, IL 60521

ENERGY SUPPLY: CONTACT: NICK TELUJA  
PHONE: (440) 796-8979  
COMPANY: COMED UNIVERSITY PARK  
ACCOUNT NUMBER: ---

**CONSTRUCTION NOTES:**

- ① THE CONTRACTOR SHALL DETERMINE THE BEST LOCATION AND POSITION OF THE WIRELESS INTERCONNECT ANTENNAS TO PROVIDE THE BEST COMMUNICATION BETWEEN ADJACENT TRAFFIC SIGNAL CONTROLLERS.
- ② THE CONTRACTOR SHALL INTERCEPT THE EXISTING INTERCONNECT CONDUIT WITH A CONCRETE HANDHOLE. THE CONCRETE HANDHOLE SHALL BE PAID FOR AS PART OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION ITEM. THE CONTRACTOR SHALL SAFELY DISCONNECT EXISTING FIBER OPTIC CABLE AND TRACER CABLE FROM THE EXISTING TRAFFIC SIGNAL CONTROLLER AND SAFELY PULL BACK AND STORE THE FIBER OPTIC AND TRACER CABLES INTO THE CONCRETE HANDHOLE FOR RE-CONNECTION IN THE PERMANENT CONDITION. THE CONCRETE HANDHOLE WILL REMAIN IN USE IN THE PERMANENT CONDITION.
- ③ THE SOFTWARE FOR THE TEMPORARY TRAFFIC SIGNAL CONTROLLER AT THIS INTERSECTION SHALL BE ASC/3.

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



TEMPORARY WIRELESS INTERCONNECT TO AMERICANA DRIVE / HINSDALE LAKE COMMONS ENT.

FILE NAME: N:\DUPAGE COUNTY DOT\230127\Traffic\CLARENDON\_Sht7\_TCB.dgn  
USER NAME: bchavez  
DESIGNED - BC  
DRAWN - FPB  
CHECKED - EAJ  
DATE - 4/2/2026  
REVISIONS:  
REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN AND  
TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE  
63RD STREET AND CLARENDON HILLS ROAD

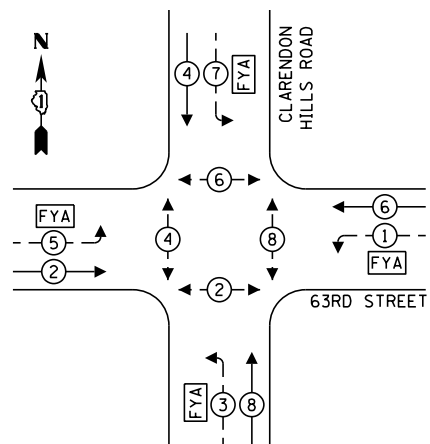
SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.  
1518 20-00288-05-TL DUPAGE 87 66  
CONTRACT NO. 61M40  
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

TS 8110 (DUDOT)  
ECON 112

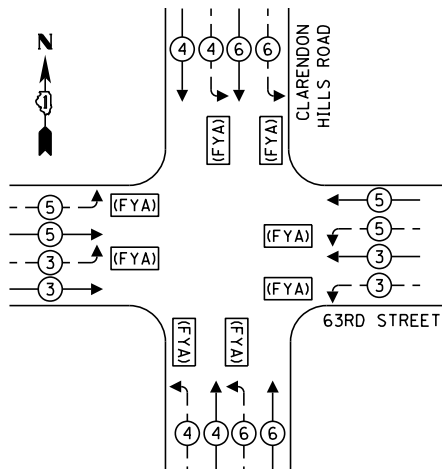


**PROPOSED CONTROLLER SEQUENCE**



- LEGEND:**
- ← (⊙) ← PROTECTED PHASE
  - ← (⊙) ← PROTECTED/PERMITTED PHASE
  - ← (⊙) ← PEDESTRIAN PHASE
  - ← (⊙) ← OVERLAP
  - ⊠ FYA FLASHING YELLOW ARROW

**PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE**



**PROPOSED EVP SEQUENCE NOTE:**  
 THE CONTRACTOR SHALL PROGRAM PRE-EMPTION SEQUENCES 3 AND 5 TO GIVE THE GREEN CIRCULAR INDICATION AND FLASHING YELLOW ARROW INDICATION ON BOTH THE EASTBOUND AND WESTBOUND APPROACHES ON 63RD ST. THE CONTRACTOR SHALL PROGRAM PRE-EMPTION SEQUENCES 4 AND 6 TO GIVE THE GREEN CIRCULAR INDICATION AND FLASHING YELLOW ARROW INDICATION ON BOTH THE NORTHBOUND AND SOUTHBOUND APPROACHES ON CLARENDON HILLS RD.

**TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	8	11	50	44.0
(YELLOW)	8	20	5	8.0
(GREEN)	8	12	45	43.2
SOLID ARROW (RED)	8	10	45	36.0
(GREEN & YELLOW)	16	10	10	16.0
FLASHING ARROW	8	5	45	18.0
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	4	120	50	240.0
LUMINAIRE	4	165	50	330.0
PTZ	1	60	100	60.0
TOTAL =				1230.2

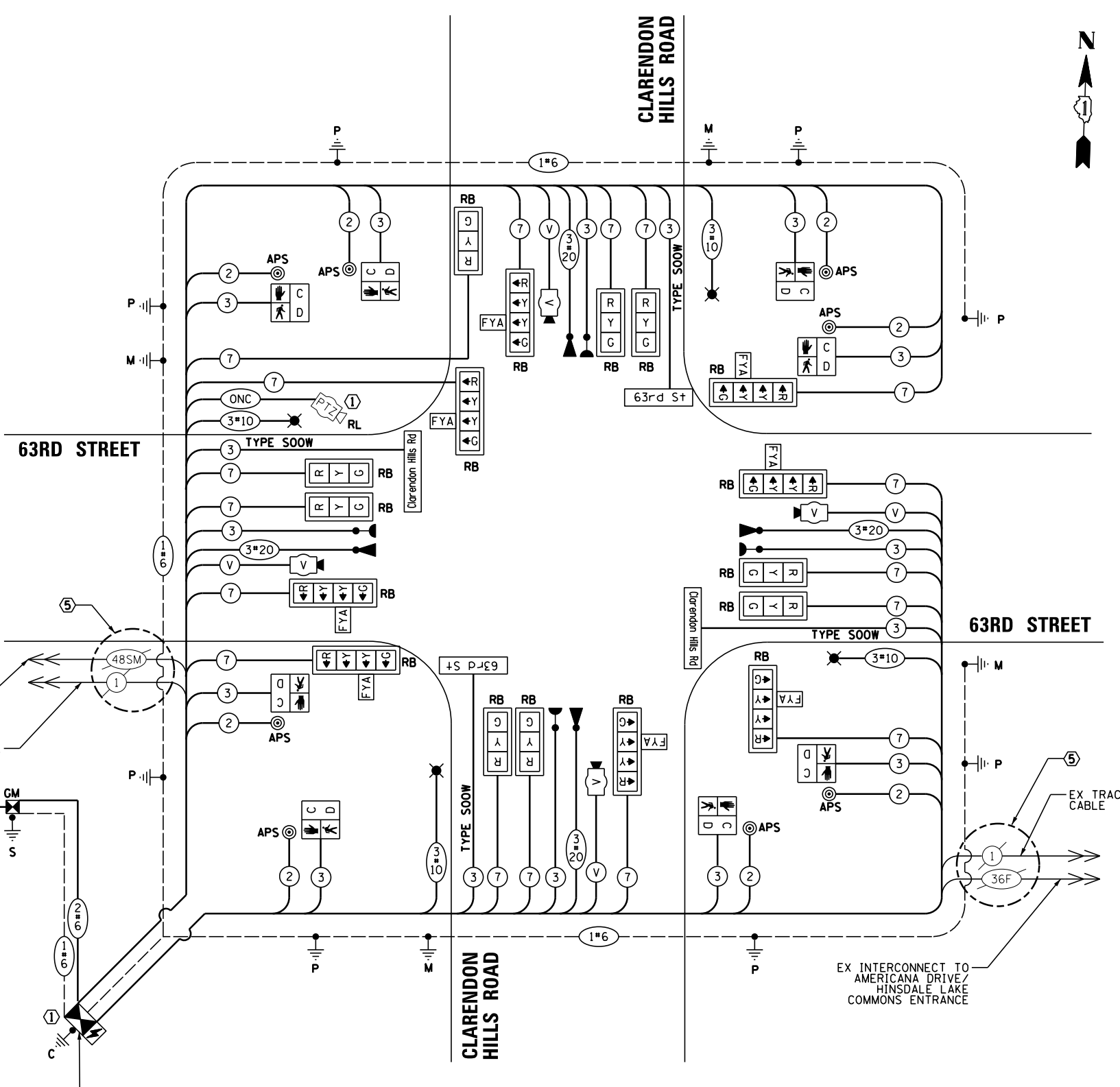
ENERGY COSTS TO:

VILLAGE OF WILLOWBROOK  
 7760 QUINCY STREET  
 WILLOWBROOK, IL 60521

ENERGY SUPPLY: CONTACT: NICK TELUJA  
 PHONE: (440) 796-8979  
 COMPANY: COMED UNIVERSITY PARK  
 ACCOUNT NUMBER: ---

**CONSTRUCTION NOTES:**

- 1 THE CONTRACTOR SHALL RELOCATE THE EXISTING PTZ CAMERA AND ASSOCIATED EQUIPMENT AND LAYER II (DATALINK) SWITCH FROM THE EXISTING TRAFFIC SIGNAL INSTALLATION TO THE PERMANENT TRAFFIC SIGNAL INSTALLATION. THIS WORK SHALL BE PAID FOR WITH, "RELOCATE EXISTING REMOTE CONTROLLED VIDEO SYSTEM" AND "RELOCATE SWITCH", RESPECTIVELY.
- 2 PTZ CAMERA TO BE INSTALLED ON UNDERSIDE OF LUMINAIRE ARM.
- 3 VIDEO DETECTION CAMERAS SHALL BE INSTALLED ON RISER BRACKETS ON THE MAST ARM AT A LOCATION AND HEIGHT OPTIMAL FOR VIDEO DETECTION PER MANUFACTURER RECOMMENDATIONS. MANUFACTURER VENDOR SHALL BE ON SITE TO VERIFY PLACEMENT OF THE WEST LEG (WB TRAFFIC) DETECTION CAMERA TO MINIMIZE OVERHEAD WIRE INTERFERENCE IN DETECTION PERFORMANCE.
- 4 ALL RED INDICATIONS ON THE TRAFFIC SIGNALS SHALL HAVE SIGNAL LENS COVERS.
- 5 FIBER OPTIC CABLE RECONNECTIONS AS FOLLOWS: CLARENDON HILLS ROAD TO RIDGE ROAD AND CLARENDON HILLS ROAD TO AMERICANA DRIVE SHALL BE RECONNECTED USING THE EXISTING FIBER OPTIC AND TRACER CABLES. REFER TO THE INTERCONNECT PLAN FOR MORE DETAILS.
- 6 THE SOFTWARE FOR THE PROPOSED TRAFFIC SIGNAL CONTROLLER AT THIS INTERSECTION SHALL BE ASC/3.



**CABLE PLAN**  
 (NOT TO SCALE)

FILE NAME = USER NAME = bchavez  
 N:\DUPAGE COUNTY DOT\230127\Traffic\CLARENDON\_Sht9\_CAB.dgn  
 PLOT SCALE = 48"  
 PLOT DATE = 4/2/2026

DESIGNED - BC  
 DRAWN - FPB  
 CHECKED - EAJ  
 DATE - 4/2/2026

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

**CABLE PLAN, PHASE DESIGNATION DIAGRAM,  
 AND EMERGENCY VEHICLE PREEMPTION SEQUENCE  
 63RD STREET AND CLARENDON HILLS ROAD**

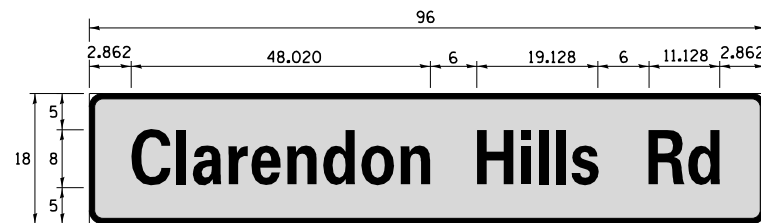
SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	68
CONTRACT NO. 61M40				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

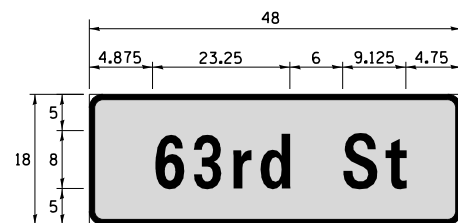
**TS 8110 (DUDOT)  
 ECON 112**

**LED ILLUMINATED MAST ARM MOUNTED  
STREET NAME SIGN**

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE

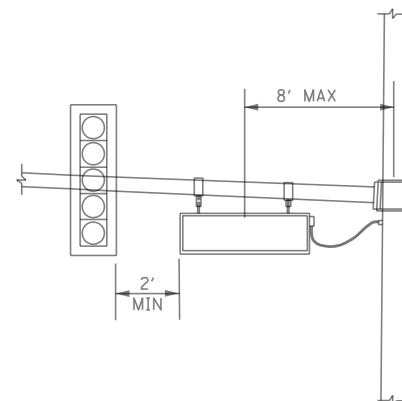


SIGN DIMENSIONS	SIGN NAME	QUANTITY	FONT: FHWA SERIES
96" x 18"	Clarendon Hills Rd	2	D



SIGN DIMENSIONS	SIGN NAME	QUANTITY	FONT: FHWA SERIES
48" x 18"	63rd St	2	D

NOTE: THE LED ILLUMINATED STREET NAME SIGN SHALL BE PENDANT MOUNT. FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION, PLEASE SEE DISTRICT ONE ILLUMINATED STREET NAME SIGN DETAIL.



**PENDANT MOUNT  
ILLUMINATED STREET NAME SIGN**

NOTE: LED STREET NAME SIGN SHALL BE 2-SIDED AND PENDANT MOUNT TO THE STEEL MAST ARM ASSEMBLY.

**SCHEDULE OF QUANTITIES**

ITEM	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SQ FT	60
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	305
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	58
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	515
HANDHOLE	EACH	2
DOUBLE HANDHOLE	EACH	2
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	907
* * TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1289
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2182
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3514
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	214
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1204
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	5
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 32 FT.	EACH	2
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 44 FT. AND 50 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	36
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	61
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	9
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	5
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
* LIGHT DETECTOR	EACH	4
* LIGHT DETECTOR AMPLIFIER	EACH	1
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	5
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	12
* EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	837
RELOCATE SWITCH	EACH	1
LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	4
OUTDOOR RATED NETWORK CABLE	FOOT	266
UNINTERRUPTABLE POWER SUPPLY AND CABINET, SPECIAL	EACH	1
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
LUMINAIRE, LED, SPECIAL	EACH	4
ELECTRIC CABLE IN CONDUIT, STREET NAME SIGN, NO. 14 3C, TYPE SOOW	FOOT	759
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET (SPECIAL)	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
LED SIGNAL FACE, LENS COVER	EACH	17
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC, SPECIAL	EACH	17
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
VIDEO DETECTION SYSTEM COMPLETE INTERSECTION	EACH	1
RELOCATE EXISTING REMOTE-CONTROLLED VIDEO SYSTEM	EACH	1
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	4
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1

- \* 100% COST TO TRI-STATE FIRE PROTECTION DISTRICT
- \* \* TRAFFIC SIGNAL CONTROLLER SHALL HAVE BOTH AN RJ45 ETHERNET CONNECTION TO THE DUPAGE DOT NETWORK AND A SERIAL (TRANSCEIVER - FIBER OPTIC) TO THE PRE-EXISTING IDOT SYSTEM. CONTRACTOR TO COORDINATE WITH DUPAGE COUNTY TRAFFIC ENGINEER FOR CONFIGURATION DETAILS.

FILE NAME =	USER NAME = bchavez	DESIGNED - BC	REVISED -
N:\DUPAGE COUNTY DOT\230127\Traffic\CL	RENDON_Sht10_STN.dgn	DRAWN - FPB	REVISED -
	PLOT SCALE = 48"	CHECKED - EAJ	REVISED -
	PLOT DATE = 4/2/2026	DATE - 4/2/2026	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES AND  
LED ILLUMINATED STREET NAME SIGN  
63RD STREET AND CLARENDON HILLS ROAD

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	69
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61M40	

TS 8110 (DUDOT)  
ECON 112

**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.

- 1 EACH TRAFFIC SIGNAL CABINET (CONTROLLER TO BE SALVAGED)
- 2 EACH STEEL MAST ARM ASSEMBLY AND POLE
- 2 EACH COMBINATION STEEL MAST ARM ASSEMBLY AND POLE
- 4 EACH TRAFFIC SIGNAL POST
- 6 EACH 3-SECTION SIGNAL HEAD
- 8 EACH 5-SECTION SIGNAL HEAD
- 4 EACH PEDESTRIAN SIGNAL HEAD
- 3 EACH PEDESTRIAN PUSH-BUTTON
- 1 EACH ELECTRIC SERVICE INSTALLATION
- 8 EACH TRAFFIC SIGNAL BACKPLATE
- 2 EACH LUMINAIRE ARM AND FIXTURE
- 1 EACH STREET NAME SIGN PANEL

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR THE PICK UP OF ALL THE EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY.

DUPAGE COUNTY, DIVISION OF TRANSPORTATION  
(630) 407-6900

- 1 EACH FULL-ACTUATED CONTROLLER

**REMOVAL NOTES (CONT.):**

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR THE PICK UP OF ALL THE EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY.

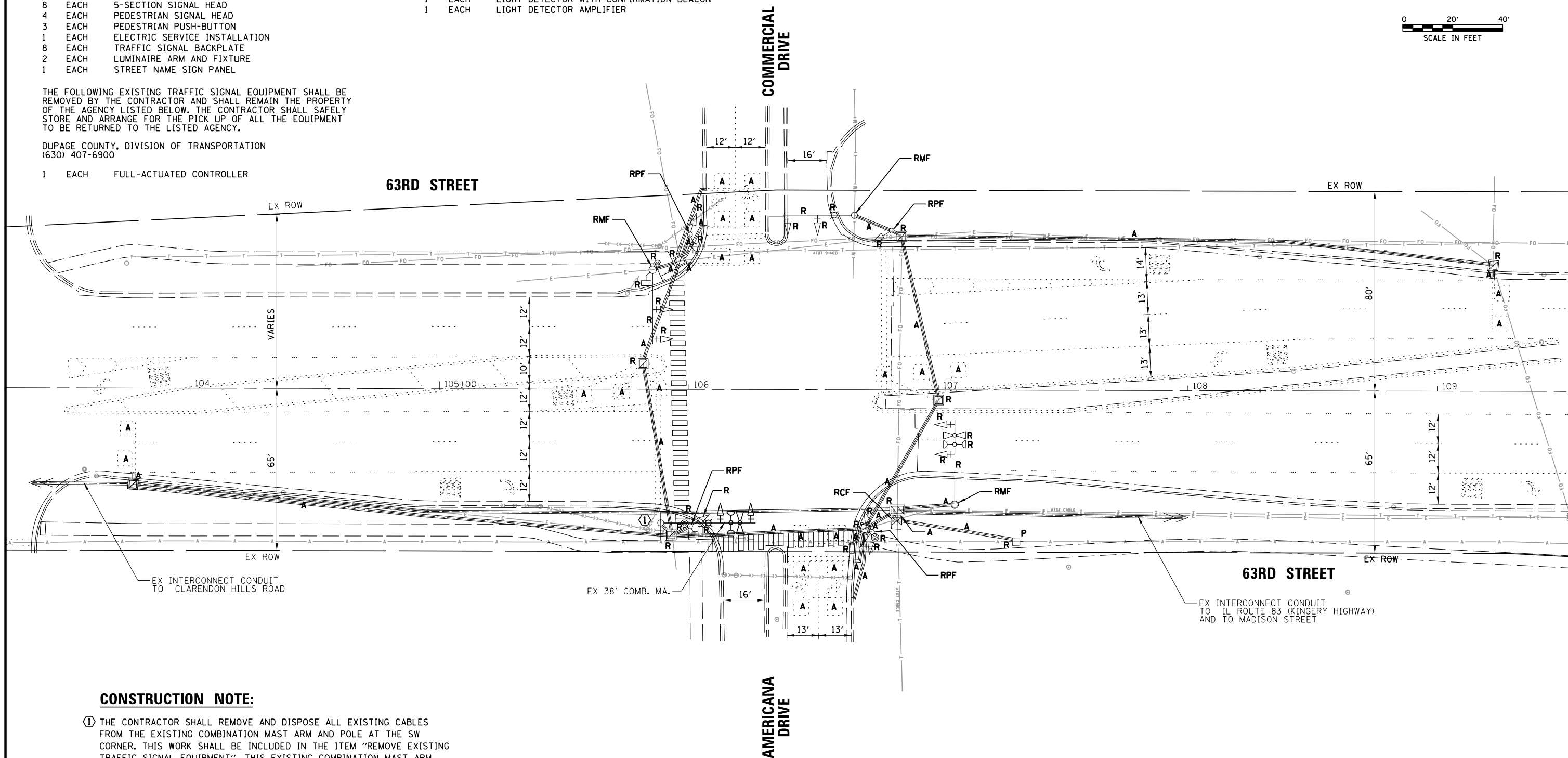
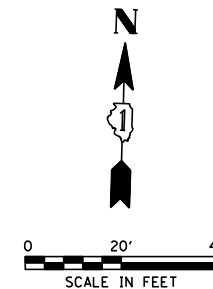
TRI-STATE FIRE PROTECTION DISTRICT  
CRAIG JANSEN  
(630) 323-6445

- 1 EACH LIGHT DETECTOR WITH CONFIRMATION BEACON
- 1 EACH LIGHT DETECTOR AMPLIFIER

**RELOCATION NOTES:**

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED, AND RELOCATED TO THE PROPOSED TRAFFIC SIGNAL INSTALLATION AS SHOWN ON THE TRAFFIC SIGNAL MODERNIZATION PLAN.

- 1 EACH LAYER II (DATALINK) SWITCH



**CONSTRUCTION NOTE:**

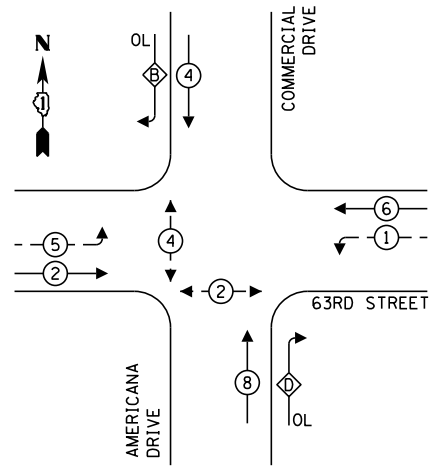
- ① THE CONTRACTOR SHALL REMOVE AND DISPOSE ALL EXISTING CABLES FROM THE EXISTING COMBINATION MAST ARM AND POLE AT THE SW CORNER. THIS WORK SHALL BE INCLUDED IN THE ITEM "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT". THIS EXISTING COMBINATION MAST ARM AND POLE WILL BE RE-USED FOR THE PROPOSED TRAFFIC SIGNAL INSTALLATION.

**TS 811 (DUDOT)  
ECON 112**

FILE NAME = N:\DUPAGE COUNTY DOT\230127\Traffic\AMERICANA_Sht5_TS-REM.dgn	USER NAME = bchavez	DESIGNED - BC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVAL PLAN 63RD STREET AND AMERICANA DRIVE</b>	F.A.U. RTE. = 1518	SECTION = 20-00288-05-TL	COUNTY = DUPAGE	TOTAL SHEETS = 87	SHEET NO. = 70	
	PLOT SCALE = 48'	CHECKED - EAJ	REVISED -			SCALE: 1" = 40'	SHEET NO. OF SHEETS	STA. TO STA.	<b>CONTRACT NO. 61M40</b>		
	PLOT DATE = 4/2/2026	DATE - 4/2/2026	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



**TEMPORARY CONTROLLER SEQUENCE**



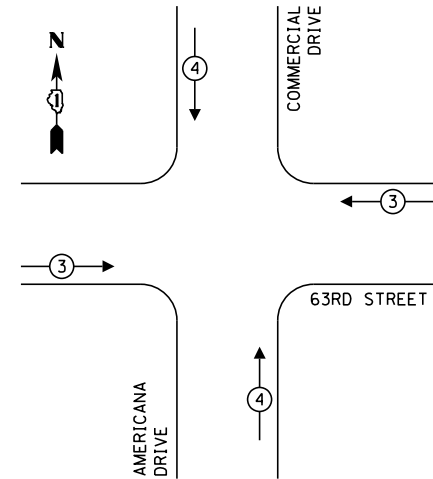
**LEGEND:**

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

**RIGHT TURN OVERLAP PHASE DESIGNATION:**

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
B	= 4	+ 5
D	= 8	+ 1

**TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE**



**TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16	11	50	88.0
(YELLOW)	16	20	5	16.0
(GREEN)	16	12	45	86.4
PERMISSIVE ARROW	16	10	10	16.0
PED. SIGNAL	4	20	100	80.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	4	165	50	330.0
TOTAL =				891.4

ENERGY COSTS TO:

DUPAGE COUNTY DIVISION OF TRANSPORTATION  
421 N. COUNTY FARM ROAD  
WHEATON, IL 60187

ENERGY SUPPLY: CONTACT: NICK TELUJA  
PHONE: (440) 796-8979  
COMPANY: COMED UNIVERSITY PARK  
ACCOUNT NUMBER: ---

**CONSTRUCTION NOTES:**

- ① THE CONTRACTOR SHALL DETERMINE THE BEST LOCATION AND POSITION OF THE WIRELESS INTERCONNECT ANTENNAS TO PROVIDE THE BEST COMMUNICATION BETWEEN ADJACENT TRAFFIC SIGNAL CONTROLLERS.
- ② THE CONTRACTOR SHALL INTERCEPT THE EXISTING INTERCONNECT CONDUIT WITH A HEAVY DUTY CONCRETE HANDHOLE. THE HEAVY DUTY CONCRETE HANDHOLE SHALL BE PAID FOR AS PART OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION ITEM. THE CONTRACTOR SHALL SAFELY DISCONNECT EXISTING FIBER OPTIC CABLE AND TRACER CABLE FROM THE EXISTING TRAFFIC SIGNAL CONTROLLER AND SAFELY PULL BACK AND STORE THE FIBER OPTIC AND TRACER CABLES INTO THE HEAVY DUTY CONCRETE HANDHOLE FOR RE-CONNECTION IN THE PERMANENT CONDITION. THE HEAVY DUTY CONCRETE HANDHOLE WILL REMAIN IN USE IN THE PERMANENT CONDITION.
- ③ THE CONTRACTOR SHALL INTERCEPT THE EXISTING INTERCONNECT CONDUIT WITH A DOUBLE CONCRETE HANDHOLE. THE DOUBLE CONCRETE HANDHOLE SHALL BE PAID FOR AS PART OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION ITEM. THE CONTRACTOR SHALL SAFELY DISCONNECT EXISTING FIBER OPTIC CABLE AND TRACER CABLE FROM THE EXISTING TRAFFIC SIGNAL CONTROLLER AND SAFELY PULL BACK AND STORE THE FIBER OPTIC AND TRACER CABLES INTO THE DOUBLE CONCRETE HANDHOLE FOR RE-CONNECTION IN THE PERMANENT CONDITION. THE DOUBLE CONCRETE HANDHOLE WILL REMAIN IN USE IN THE PERMANENT CONDITION.
- ④ THE SOFTWARE FOR THE TEMPORARY TRAFFIC SIGNAL CONTROLLER AT THIS INTERSECTION SHALL BE ASC/3.

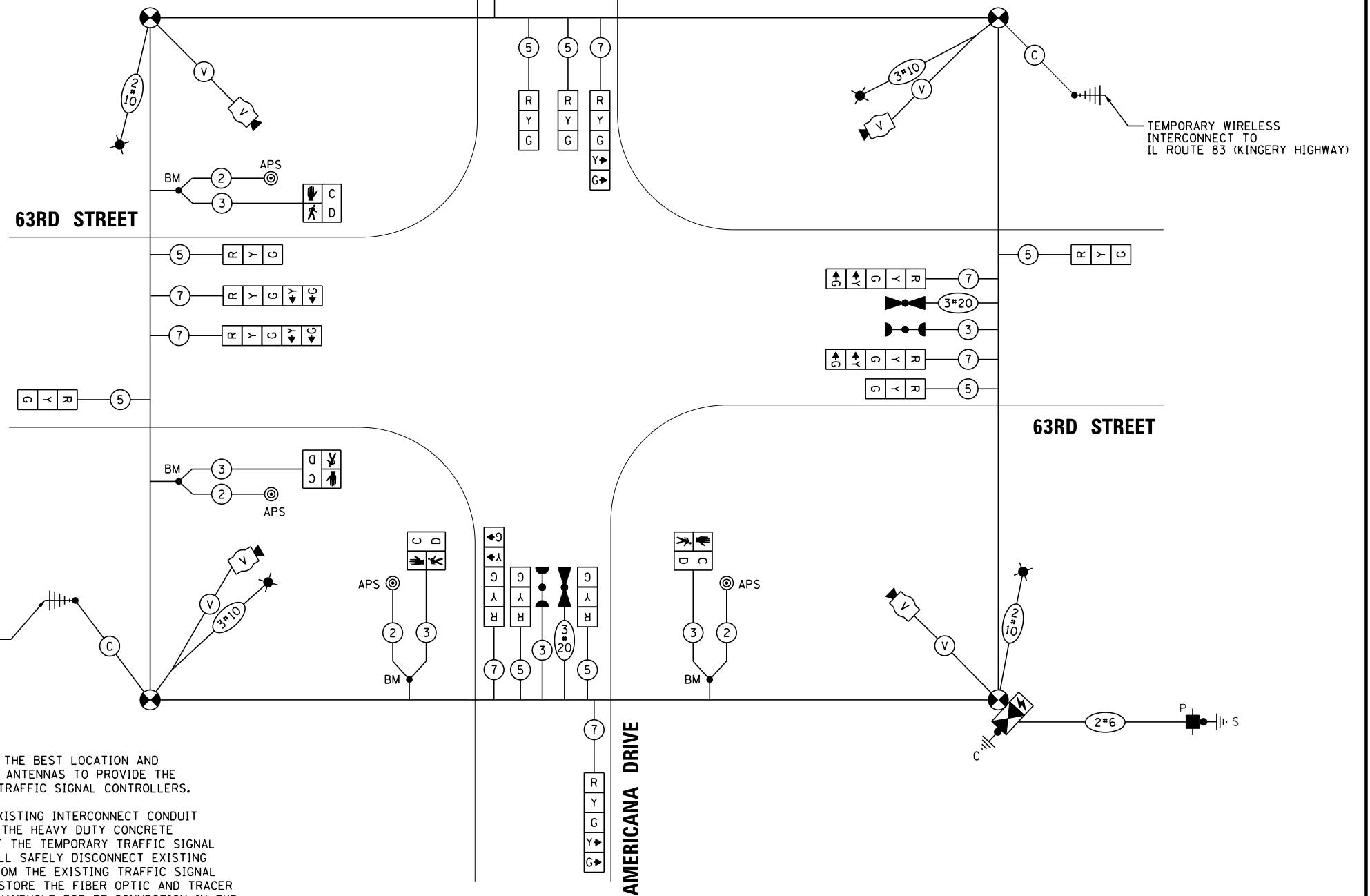
63RD STREET

COMMERCIAL DRIVE

63RD STREET

AMERICANA DRIVE

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



FILE NAME: N:\DUPAGE COUNTY DOT\230127\Traffic\AMERICANA\_Sht7\_TCB.dgn  
USER NAME: bchavez  
PLOT SCALE: 48"  
PLOT DATE: 4/2/2026

DESIGNED - BC  
DRAWN - FPB  
CHECKED - EAJ  
DATE - 4/2/2026

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM,  
AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE  
63RD STREET AND AMERICANA DRIVE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	72

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.  
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

TS 8111 (DUDOT)  
ECON 112

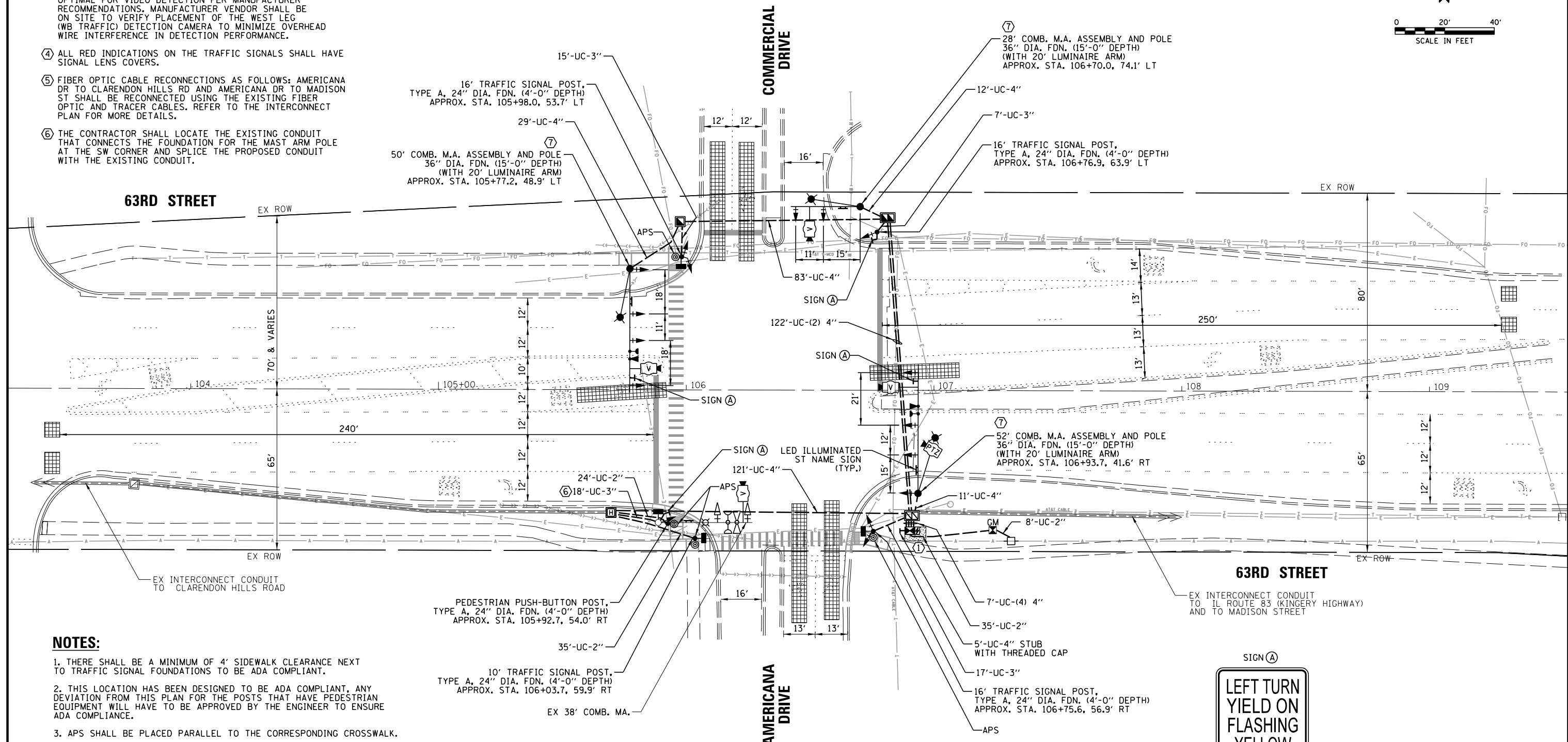
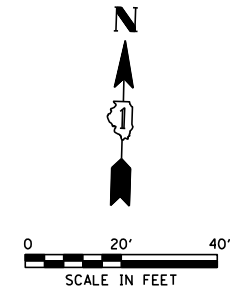
CONTRACT NO. 61M40

**CONSTRUCTION NOTES:**

- ① THE CONTRACTOR SHALL RELOCATE THE EXISTING LAYER II (DATALINK) SWITCH FROM THE EXISTING TRAFFIC SIGNAL INSTALLATION TO THE PERMANENT TRAFFIC SIGNAL INSTALLATION. THIS WORK SHALL BE PAID FOR WITH "RELOCATE SWITCH".
- ② PTZ CAMERA TO BE INSTALLED ON UNDERSIDE OF LUMINAIRE ARM.
- ③ VIDEO DETECTION CAMERAS SHALL BE INSTALLED ON RISER BRACKETS ON THE MAST ARM AT A LOCATION AND HEIGHT OPTIMAL FOR VIDEO DETECTION PER MANUFACTURER RECOMMENDATIONS. MANUFACTURER VENDOR SHALL BE ON SITE TO VERIFY PLACEMENT OF THE WEST LEG (WB TRAFFIC) DETECTION CAMERA TO MINIMIZE OVERHEAD WIRE INTERFERENCE IN DETECTION PERFORMANCE.
- ④ ALL RED INDICATIONS ON THE TRAFFIC SIGNALS SHALL HAVE SIGNAL LENS COVERS.
- ⑤ FIBER OPTIC CABLE RECONNECTIONS AS FOLLOWS: AMERICANA DR TO CLARENDON HILLS RD AND AMERICANA DR TO MADISON ST SHALL BE RECONNECTED USING THE EXISTING FIBER OPTIC AND TRACER CABLES. REFER TO THE INTERCONNECT PLAN FOR MORE DETAILS.
- ⑥ THE CONTRACTOR SHALL LOCATE THE EXISTING CONDUIT THAT CONNECTS THE FOUNDATION FOR THE MAST ARM POLE AT THE SW CORNER AND SPLICE THE PROPOSED CONDUIT WITH THE EXISTING CONDUIT.

**CONSTRUCTION NOTES (CONT.):**

- ⑦ PROPOSED MAST ARM ASSEMBLY AND POLE SHALL BE POWDER COATED IN COLOR TO MATCH EXISTING MAST ARM ASSEMBLY AND POLE IN THE SOUTHWEST QUADRANT COMPLETED BY POLE MANUFACTURER. COLOR SAMPLES SHALL BE SUBMITTED TO COUNTY FOR APPROVAL PRIOR TO ORDERING. THE COST ASSOCIATED WITH PAINTING THE NOTED MAST ARM ASSEMBLIES SHALL BE INCLUDED IN THE COST OF "PAINT NEW COMBINATION MAST ARM AND POLE, (SPECIAL)".
- ⑧ THE SOFTWARE FOR THE PROPOSED TRAFFIC SIGNAL CONTROLLER AT THIS INTERSECTION SHALL BE ASC/3.



**NOTES:**

- 1. THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.
- 2. THIS LOCATION HAS BEEN DESIGNED TO BE ADA COMPLIANT, ANY DEVIATION FROM THIS PLAN FOR THE POSTS THAT HAVE PEDESTRIAN EQUIPMENT WILL HAVE TO BE APPROVED BY THE ENGINEER TO ENSURE ADA COMPLIANCE.
- 3. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
- 4. ALL PUSH BUTTONS SHALL BE APS.
- 5. NO PROPOSED PEDESTRIAN POST SHALL EXCEED 10 FT FROM FACE OF CURB.
- 6. THE TOP OF THE CONCRETE FOUNDATION, OF A POST OR MAST ARM POLE THAT SUPPORTS AN APS UNIT, SHALL BE FLUSH WITH THE TOP OF THE ADJACENT SIDEWALK / LANDING.

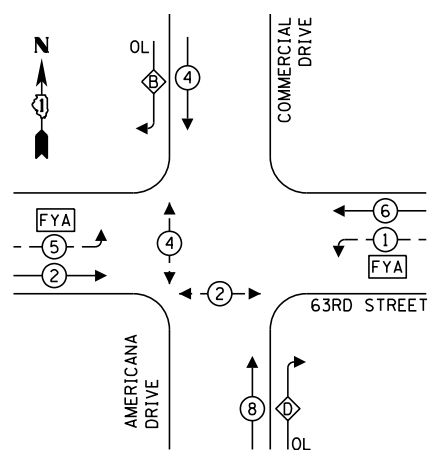


R10-12c  
30" X 36"  
4 - REQUIRED

**TS 811 (DUDOT)  
ECON 112**

FILE NAME = N:\DUPAGE COUNTY DOT\230127\Traffic\AMERICANA_Sht8_MOD.dgn	USER NAME = bchavez	DESIGNED - BC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC SIGNAL MODERNIZATION PLAN 63RD STREET AND AMERICANA DRIVE</b>	F.A.U. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 48"	DRAWN - FPB	REVISED -			1518	20-00288-05-TL	DUPAGE	87	73	
	PLOT DATE = 4/2/2026	CHECKED - EAJ	REVISED -			<b>CONTRACT NO. 61M40</b>					
		DATE - 4/2/2026	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

**PROPOSED CONTROLLER SEQUENCE**



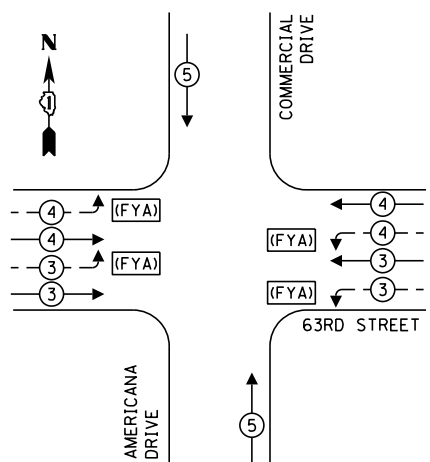
**LEGEND:**

- ← \* → PROTECTED PHASE
- ← \* - PROTECTED/PERMITTED PHASE
- ← \* → PEDESTRIAN PHASE
- ← \* → OL OVERLAP
- [FYA] FLASHING YELLOW ARROW

**RIGHT TURN OVERLAP PHASE DESIGNATION:**

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
B	= 4	+ 5
D	= 8	+ 1

**PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE**



**PROPOSED EVP SEQUENCE NOTE:**  
 THE CONTRACTOR SHALL PROGRAM PRE-EMPTION SEQUENCES 3 AND 4 TO GIVE THE GREEN CIRCULAR INDICATION AND FLASHING YELLOW ARROW INDICATION ON BOTH THE EASTBOUND AND WESTBOUND APPROACHES ON 63RD ST. THE CONTRACTOR SHALL PROGRAM PRE-EMPTION SEQUENCE 5 TO GIVE THE GREEN CIRCULAR INDICATION ON THE NORTHBOUND AND SOUTHBOUND APPROACHES ON AMERICANA DR / COMMERCIAL DR.

**TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	13	11	50	71.5
(YELLOW)	13	20	5	13.0
(GREEN)	13	12	45	70.2
PERMISSIVE ARROW	4	10	10	4.0
SOLID ARROW (RED)	4	10	45	18.0
(GREEN & YELLOW)	8	10	10	8.0
FLASHING ARROW	4	5	45	9.0
PED. SIGNAL	4	20	100	80.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	4	120	50	240.0
LUMINAIRE	3	165	50	247.5
PTZ	1	60	100	60.0
<b>TOTAL =</b>				<b>1096.2</b>

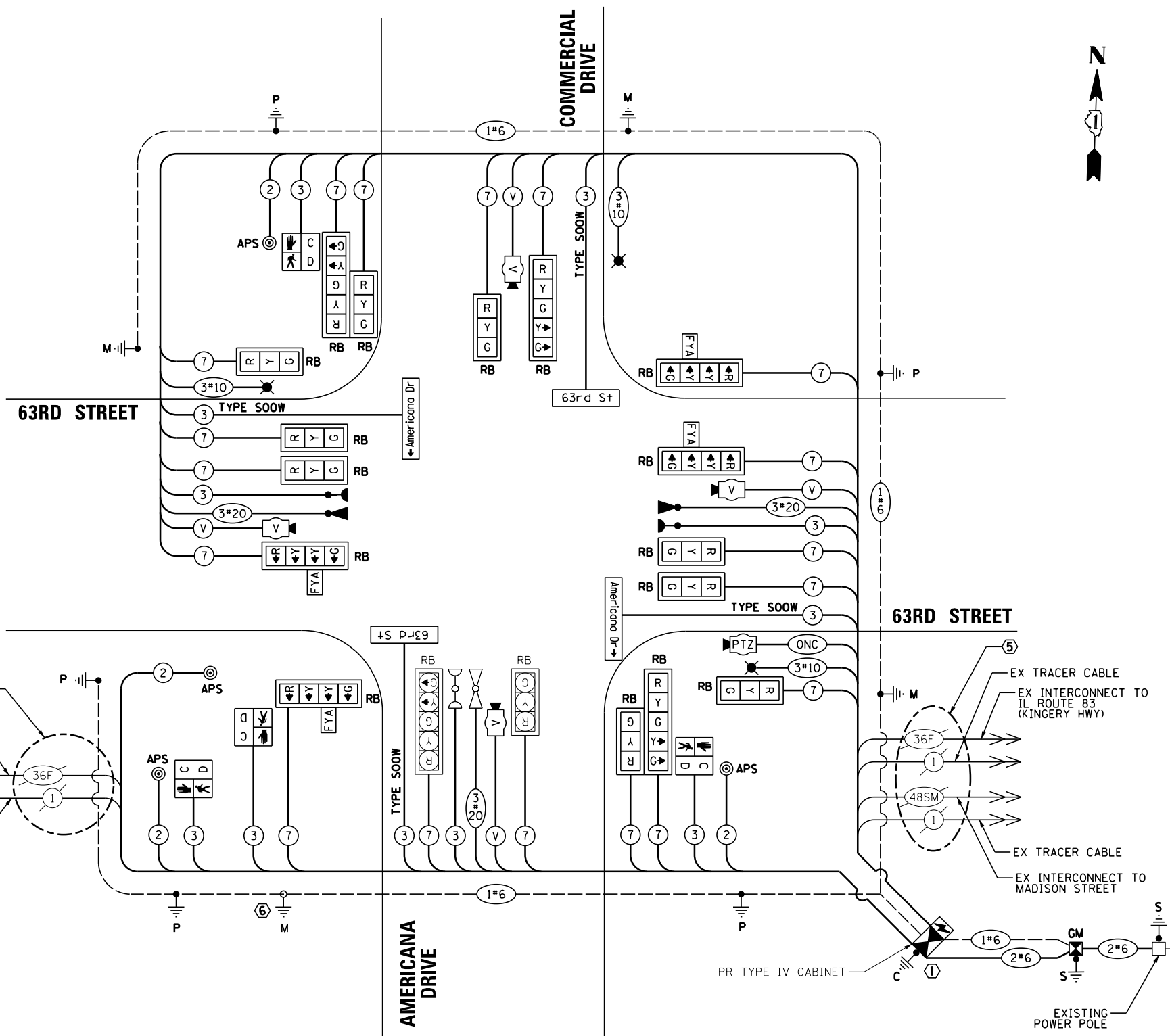
ENERGY COSTS TO:  
 DUPAGE COUNTY DIVISION OF TRANSPORTATION  
 421 N. COUNTY FARM ROAD  
 WHEATON, IL 60187  
 ENERGY SUPPLY: CONTACT: NICK TELUJA  
 PHONE: (440) 796-8979  
 COMPANY: COMED  
 ACCOUNT NUMBER: ---

**CONSTRUCTION NOTES:**

- 1 THE CONTRACTOR SHALL RELOCATE THE EXISTING LAYER II (DATALINK) SWITCH FROM THE EXISTING TRAFFIC SIGNAL INSTALLATION TO THE PERMANENT TRAFFIC SIGNAL INSTALLATION. THIS WORK SHALL BE PAID FOR WITH "RELOCATE SWITCH".
- 2 PTZ CAMERA TO BE INSTALLED ON UNDERSIDE OF LUMINAIRE ARM.
- 3 VIDEO DETECTION CAMERAS SHALL BE INSTALLED ON RISER BRACKETS ON THE MAST ARM AT A LOCATION AND HEIGHT OPTIMAL FOR VIDEO DETECTION PER MANUFACTURER RECOMMENDATIONS. MANUFACTURER VENDOR SHALL BE ON SITE TO VERIFY PLACEMENT OF THE WEST LEG (WB TRAFFIC) DETECTION CAMERA TO MINIMIZE OVERHEAD WIRE INTERFERENCE IN DETECTION PERFORMANCE.
- 4 ALL RED INDICATIONS ON THE TRAFFIC SIGNALS SHALL HAVE SIGNAL LENS COVERS.
- 5 FIBER OPTIC CABLE RECONNECTIONS AS FOLLOWS: AMERICANA DR TO CLARENDON HILLS RD AND AMERICANA DR TO MADISON ST SHALL BE RECONNECTED USING THE EXISTING FIBER OPTIC AND TRACER CABLES. REFER TO THE INTERCONNECT PLAN FOR MORE DETAILS.
- 6 THE CONTRACTOR SHALL LOCATE THE EXISTING CONDUIT THAT CONNECTS THE FOUNDATION FOR THE MAST ARM POLE AT THE SW CORNER AND SPLICE THE PROPOSED CONDUIT WITH THE EXISTING CONDUIT.

**CONSTRUCTION NOTES (CONT.):**

- 7 PROPOSED MAST ARM ASSEMBLY AND POLE SHALL BE POWDER COATED IN COLOR TO MATCH EXISTING MAST ARM ASSEMBLY AND POLE IN THE SOUTHWEST QUADRANT COMPLETED BY POLE MANUFACTURER. COLOR SAMPLES SHALL BE SUBMITTED TO COUNTY FOR APPROVAL PRIOR TO ORDERING. THE COST ASSOCIATED WITH PAINTING THE NOTED MAST ARM ASSEMBLIES SHALL BE INCLUDED IN THE COST OF "PAINT NEW COMBINATION MAST ARM AND POLE, (SPECIAL)".
- 8 THE SOFTWARE FOR THE PROPOSED TRAFFIC SIGNAL CONTROLLER AT THIS INTERSECTION SHALL BE ASC/3.



**CABLE PLAN**  
(NOT TO SCALE)

FILE NAME = USER NAME = bchavez  
 N:\DUPAGE COUNTY DOT\230127\Traffic\AMERICANA\_Sht9\_CAB.dgn  
 PLOT SCALE = 48"  
 PLOT DATE = 4/2/2026

DESIGNED - BC  
 DRAWN - FPB  
 CHECKED - EAJ  
 DATE - 4/2/2026

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

**CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE**  
**63RD STREET AND AMERICANA DRIVE**

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

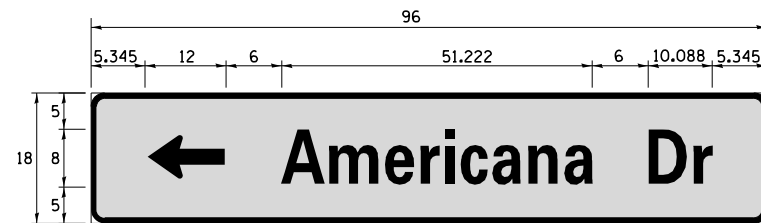
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	74

CONTRACT NO. 61M40  
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

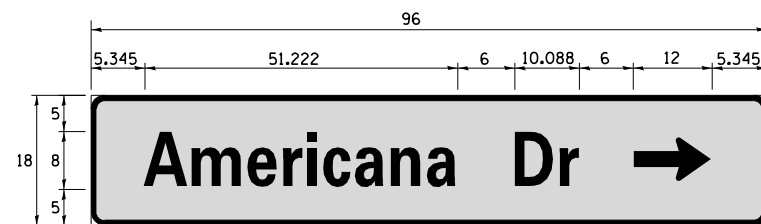
**TS 8111 (DUDOT)  
 ECON 112**

**LED ILLUMINATED MAST ARM MOUNTED  
STREET NAME SIGN**

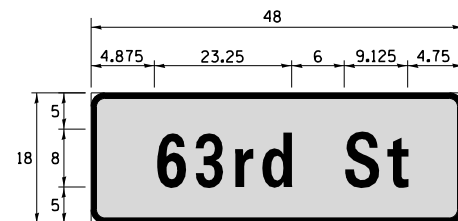
ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



SIGN DIMENSIONS	SIGN NAME	QUANTITY	FONT: FHWA SERIES
96" X 18"	← Americana Dr	1	D

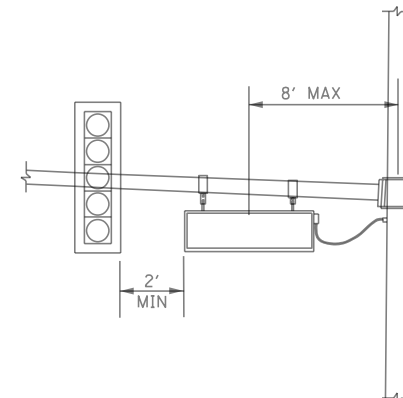


SIGN DIMENSIONS	SIGN NAME	QUANTITY	FONT: FHWA SERIES
96" X 18"	Americana Dr →	1	D



SIGN DIMENSIONS	SIGN NAME	QUANTITY	FONT: FHWA SERIES
48" x 18"	63rd St	2	D

NOTE: THE LED ILLUMINATED STREET NAME SIGN SHALL BE PENDANT MOUNT. FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION, PLEASE SEE DISTRICT ONE ILLUMINATED STREET NAME SIGN DETAIL.



**PENDANT MOUNT  
ILLUMINATED STREET NAME SIGN**

NOTE: LED STREET NAME SIGN SHALL BE 2-SIDED AND PENDANT MOUNT TO THE STEEL MAST ARM ASSEMBLY.

**SCHEDULE OF QUANTITIES**

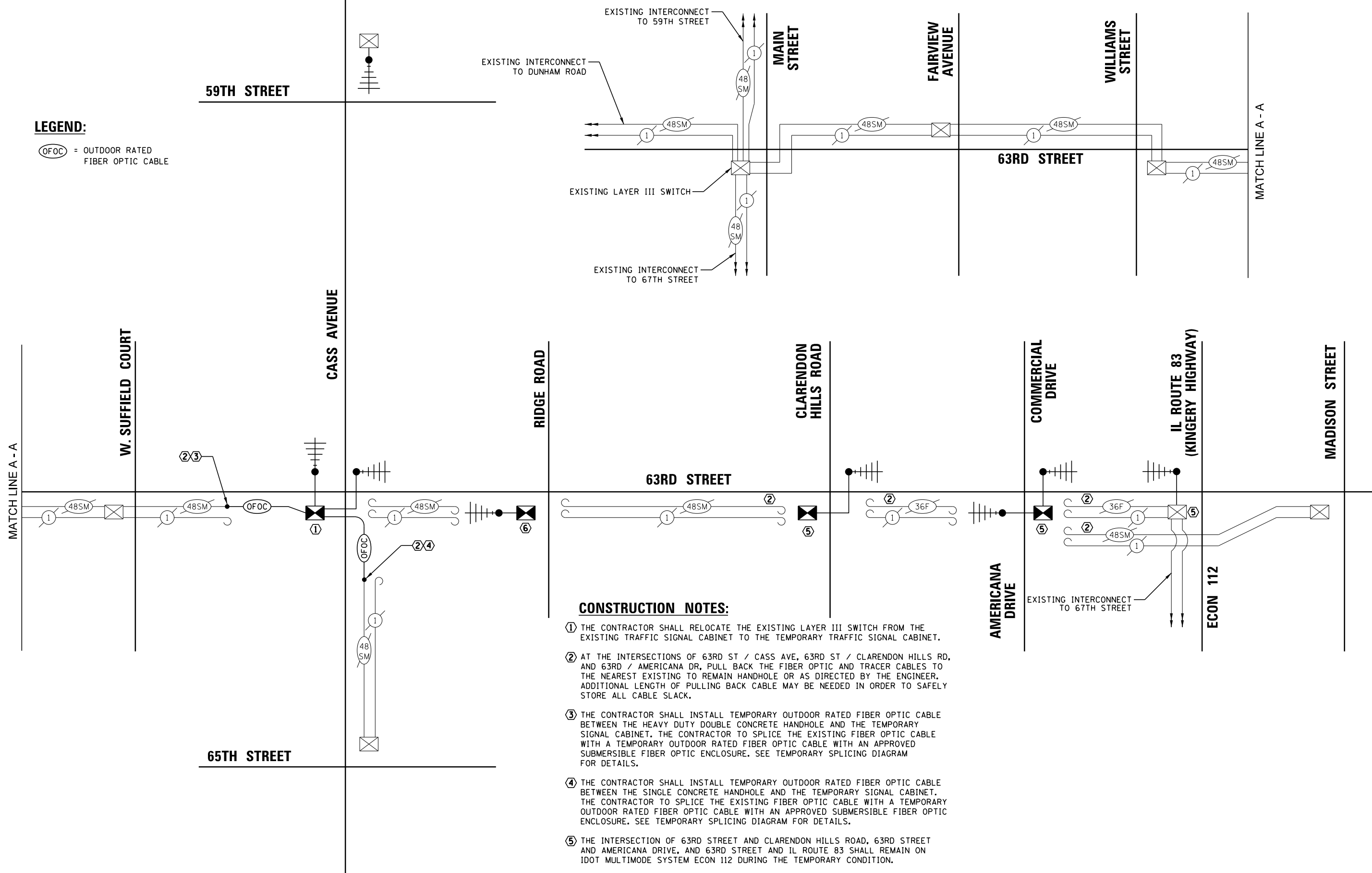
ITEM	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SQ FT	30
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	102
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	57
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	432
HANDHOLE	EACH	1
DOUBLE HANDHOLE	EACH	1
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/2" NO. 10	FOOT	696
* * TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	511
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1091
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3266
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	81
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	932
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 28 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	24
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	45
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	5
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4
* LIGHT DETECTOR	EACH	2
* LIGHT DETECTOR AMPLIFIER	EACH	1
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	7
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	8
* EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	558
RELOCATE SWITCH	EACH	1
LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	4
OUTDOOR RATED NETWORK CABLE	FOOT	106
UNINTERRUPTABLE POWER SUPPLY AND CABINET, SPECIAL	EACH	1
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
LUMINAIRE, LED, SPECIAL	EACH	3
ELECTRIC CABLE IN CONDUIT, STREET NAME SIGN, NO. 14 3C, TYPE SOOW	FOOT	687
CONDUIT SPLICE	EACH	1
PAINT NEW COMBINATION MAST ARM AND POLE, (SPECIAL)	EACH	3
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET (SPECIAL)	EACH	1
PEDESTRIAN PUSH-BUTTON POST, TYPE A	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4
LED SIGNAL FACE, LENS COVER	EACH	18
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC, SPECIAL	EACH	16
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
VIDEO DETECTION SYSTEM COMPLETE INTERSECTION	EACH	1
REMOTE CONTROLLED VIDEO SYSTEM	EACH	1
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	3
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1

- \* 100% COST TO TRI-STATE FIRE PROTECTION DISTRICT
- \* \* TRAFFIC SIGNAL CONTROLLER SHALL HAVE BOTH AN RJ45 ETHERNET CONNECTION TO THE DUPAGE DOT NETWORK AND A SERIAL (TRANSCEIVER - FIBER OPTIC) TO THE PRE-EXISTING IDOT SYSTEM. CONTRACTOR TO COORDINATE WITH DUPAGE COUNTY TRAFFIC ENGINEER FOR CONFIGURATION DETAILS.

**TS 8111 (DUDOT)  
ECON 112**

**LEGEND:**

(OFOC) = OUTDOOR RATED FIBER OPTIC CABLE



**CONSTRUCTION NOTES:**

- ① THE CONTRACTOR SHALL RELOCATE THE EXISTING LAYER III SWITCH FROM THE EXISTING TRAFFIC SIGNAL CABINET TO THE TEMPORARY TRAFFIC SIGNAL CABINET.
- ② AT THE INTERSECTIONS OF 63RD ST / CASS AVE, 63RD ST / CLARENDON HILLS RD, AND 63RD / AMERICANA DR, PULL BACK THE FIBER OPTIC AND TRACER CABLES TO THE NEAREST EXISTING TO REMAIN HANDHOLE OR AS DIRECTED BY THE ENGINEER. ADDITIONAL LENGTH OF PULLING BACK CABLE MAY BE NEEDED IN ORDER TO SAFELY STORE ALL CABLE SLACK.
- ③ THE CONTRACTOR SHALL INSTALL TEMPORARY OUTDOOR RATED FIBER OPTIC CABLE BETWEEN THE HEAVY DUTY DOUBLE CONCRETE HANDHOLE AND THE TEMPORARY SIGNAL CABINET. THE CONTRACTOR TO SPLICE THE EXISTING FIBER OPTIC CABLE WITH A TEMPORARY OUTDOOR RATED FIBER OPTIC CABLE WITH AN APPROVED SUBMERSIBLE FIBER OPTIC ENCLOSURE. SEE TEMPORARY SPLICING DIAGRAM FOR DETAILS.
- ④ THE CONTRACTOR SHALL INSTALL TEMPORARY OUTDOOR RATED FIBER OPTIC CABLE BETWEEN THE SINGLE CONCRETE HANDHOLE AND THE TEMPORARY SIGNAL CABINET. THE CONTRACTOR TO SPLICE THE EXISTING FIBER OPTIC CABLE WITH A TEMPORARY OUTDOOR RATED FIBER OPTIC CABLE WITH AN APPROVED SUBMERSIBLE FIBER OPTIC ENCLOSURE. SEE TEMPORARY SPLICING DIAGRAM FOR DETAILS.
- ⑤ THE INTERSECTION OF 63RD STREET AND CLARENDON HILLS ROAD, 63RD STREET AND AMERICANA DRIVE, AND 63RD STREET AND IL ROUTE 83 SHALL REMAIN ON IDOT MULTIMODE SYSTEM ECON 112 DURING THE TEMPORARY CONDITION.
- ⑥ THE CONTRACTOR SHALL RELOCATE THE EXISTING LAYER II (DATALINK) SWITCH FROM THE EXISTING TRAFFIC SIGNAL CABINET TO THE TEMPORARY TRAFFIC SIGNAL CABINET.

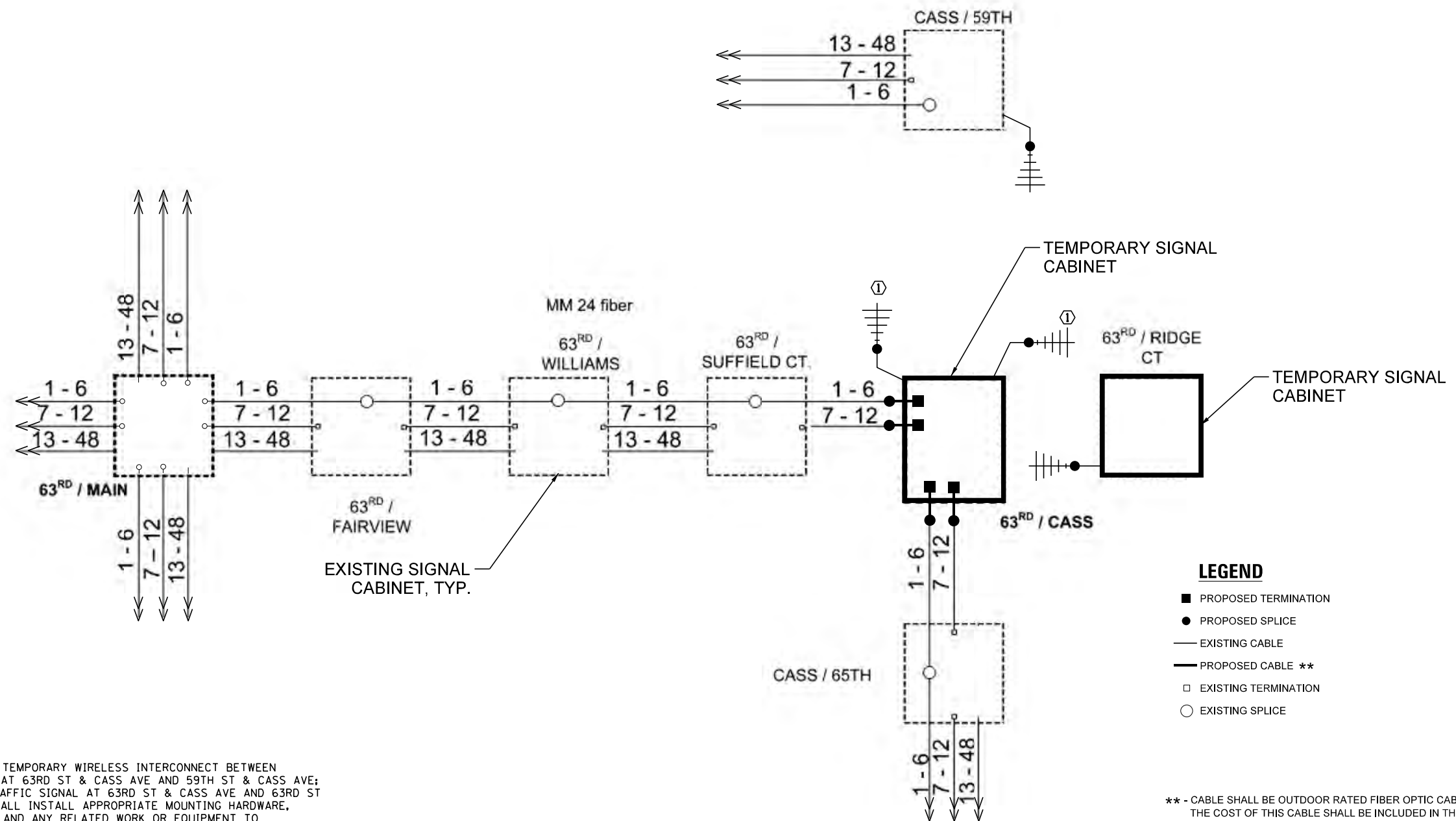
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	PLOT DATE = 3/31/2026	DATE - 3/31/2026	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TEMPORARY INTERCONNECT SCHEMATIC DIAGRAM</b>			
<b>CASS AVENUE FROM 59TH STREET TO 65TH STREET</b>			
<b>63RD STREET FROM W. SUFFIELD COURT TO IL ROUTE 83 (KINGERY HWY)</b>			
SCALE: N.T.S.	SHEET NO. OF SHEETS	STA. TO STA.	

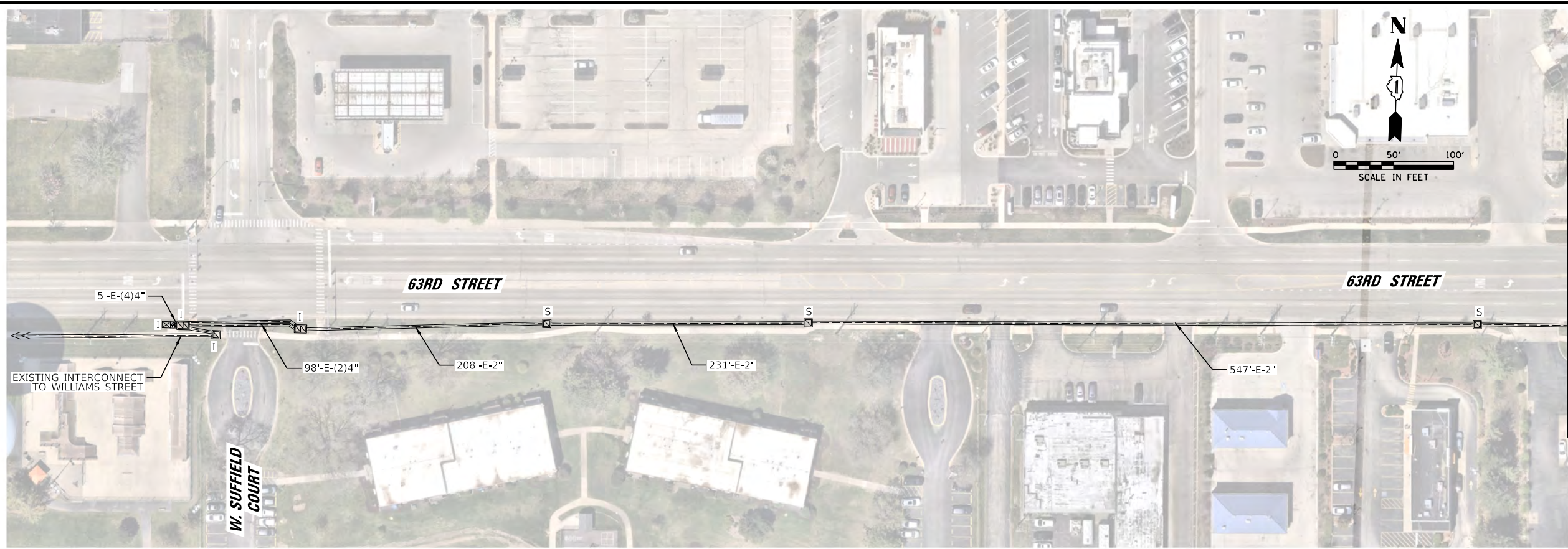
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	76
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61M40	

INTERSECTION	FIBER OPTIC CABLE TERMINATION COUNT	
	INCLUDED IN THE COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION	
	SPLICES	TERMINATIONS
63RD ST AT CASS AVE	24	24

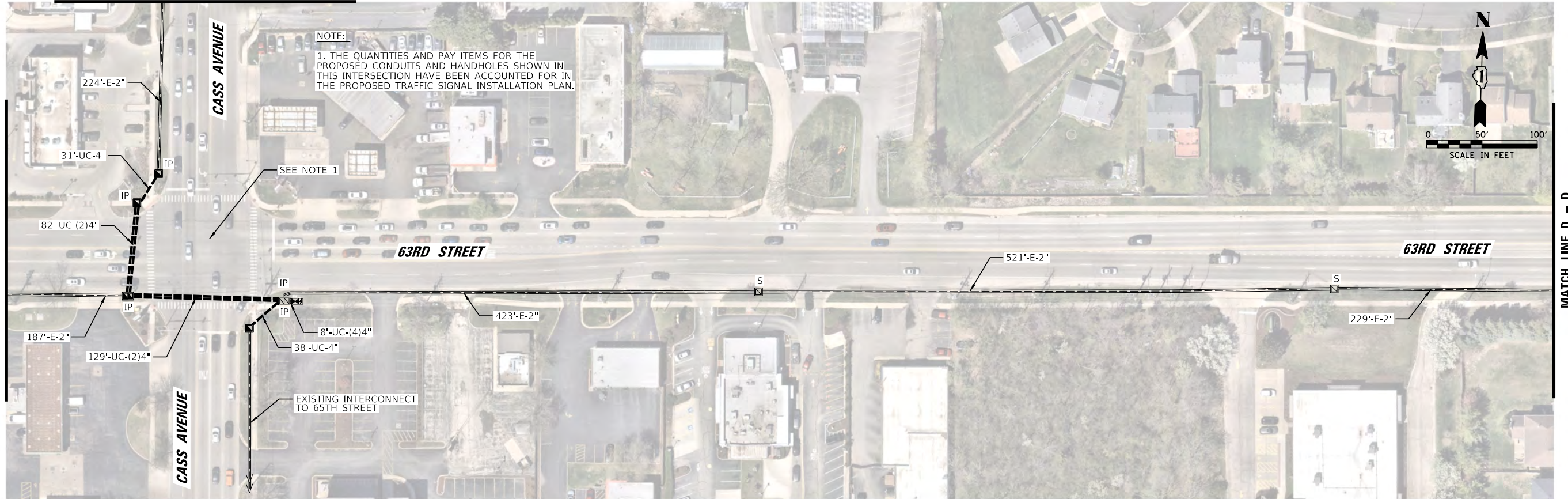


**CONSTRUCTION NOTES:**

- ① THE CONTRACTOR SHALL INSTALL TEMPORARY WIRELESS INTERCONNECT BETWEEN THE TEMPORARY TRAFFIC SIGNAL AT 63RD ST & CASS AVE AND 59TH ST & CASS AVE; AND BETWEEN THE TEMPORARY TRAFFIC SIGNAL AT 63RD ST & CASS AVE AND 63RD ST & RIDGE RD. THE CONTRACTOR SHALL INSTALL APPROPRIATE MOUNTING HARDWARE, RISERS, CABLING, CONFIGURATION AND ANY RELATED WORK OR EQUIPMENT TO ACHIEVE A FULLY FUNCTIONAL NETWORK LINK BETWEEN BOTH NETWORK SWITCHES.



**MATCH LINE A - A  
(SEE INTERCONNECT SHEET 4)**



FILE NAME = N:\DUPAGE COUNTY DOT\230127\Traffic\IN-01.63rd St.dgn	USER NAME = fbariso	DESIGNED - BC	REVISED -
PLT SCALE = 100'	PLT DATE = 3/31/2026	DRAWN - FPB	REVISED -
		CHECKED - EAJ	REVISED -
		DATE - 3/31/2026	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

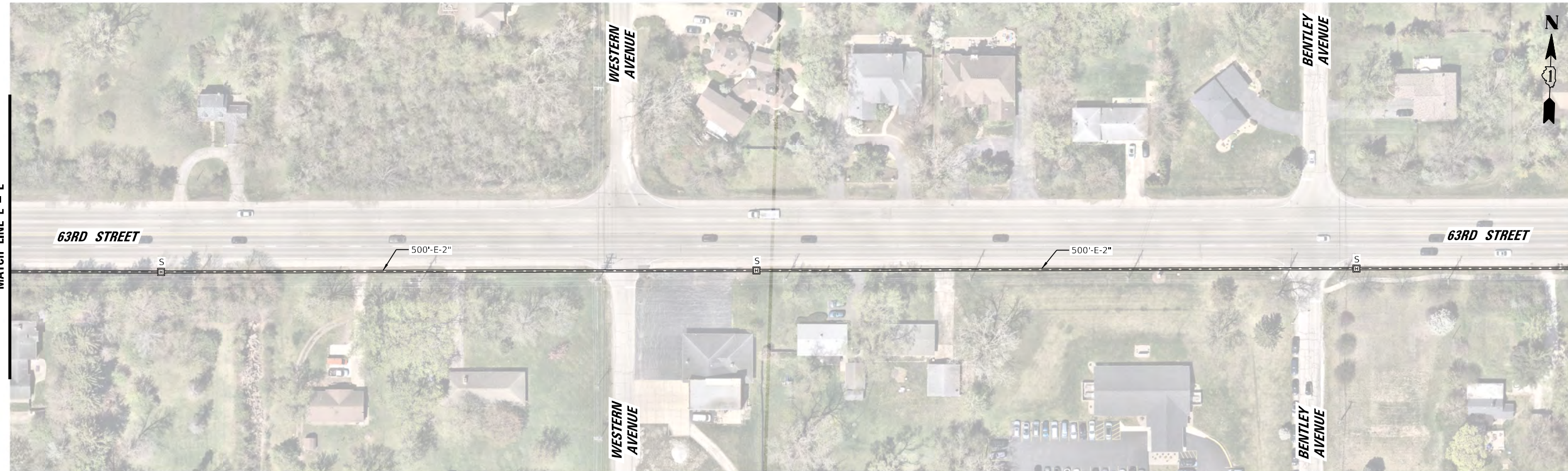
<b>INTERCONNECT PLAN (SHEET 1 OF 4) CASS AVENUE FROM 63RD STREET TO 59TH STREET 63RD STREET FROM W. SUFFIELD COURT TO AMERICANA DRIVE</b>			
SCALE: 1" = 100'	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	78
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61M40	



MATCH LINE D - D  
(SEE PREVIOUS SHEET)

MATCH LINE E - E



MATCH LINE E - E

MATCH LINE F - F  
(SEE NEXT SHEET)

FILE NAME =	USER NAME = fbariso	DESIGNED - BC	REVISED -
N:\DUPAGE COUNTY DOT\230127\Traffic\11-02_63rd St.dgn		DRAWN - FPB	REVISED -
	PLOT SCALE = 100'	CHECKED - EAJ	REVISED -
	PLOT DATE = 3/31/2026	DATE - 3/31/2026	REVISED -

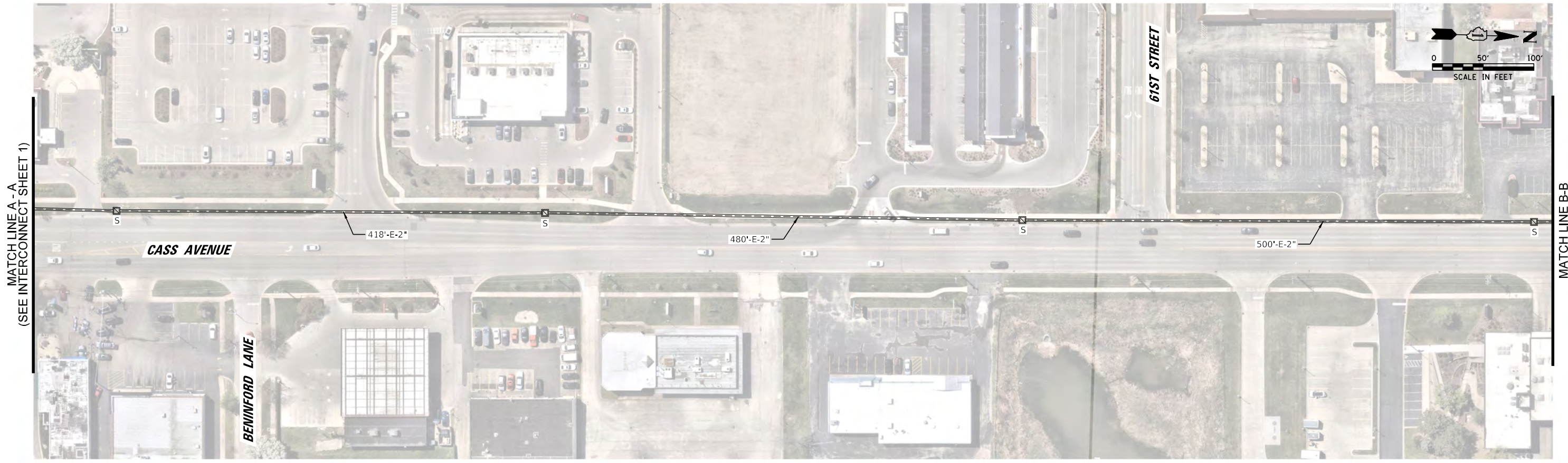
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERCONNECT PLAN (SHEET 2 OF 4)  
CASS AVENUE FROM 63RD STREET TO 59TH STREET  
63RD STREET FROM W. SUFFIELD COURT TO AMERICANA DRIVE**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	79
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61M40	

SCALE: 1" = 100' SHEET NO. OF SHEETS STA. TO STA.





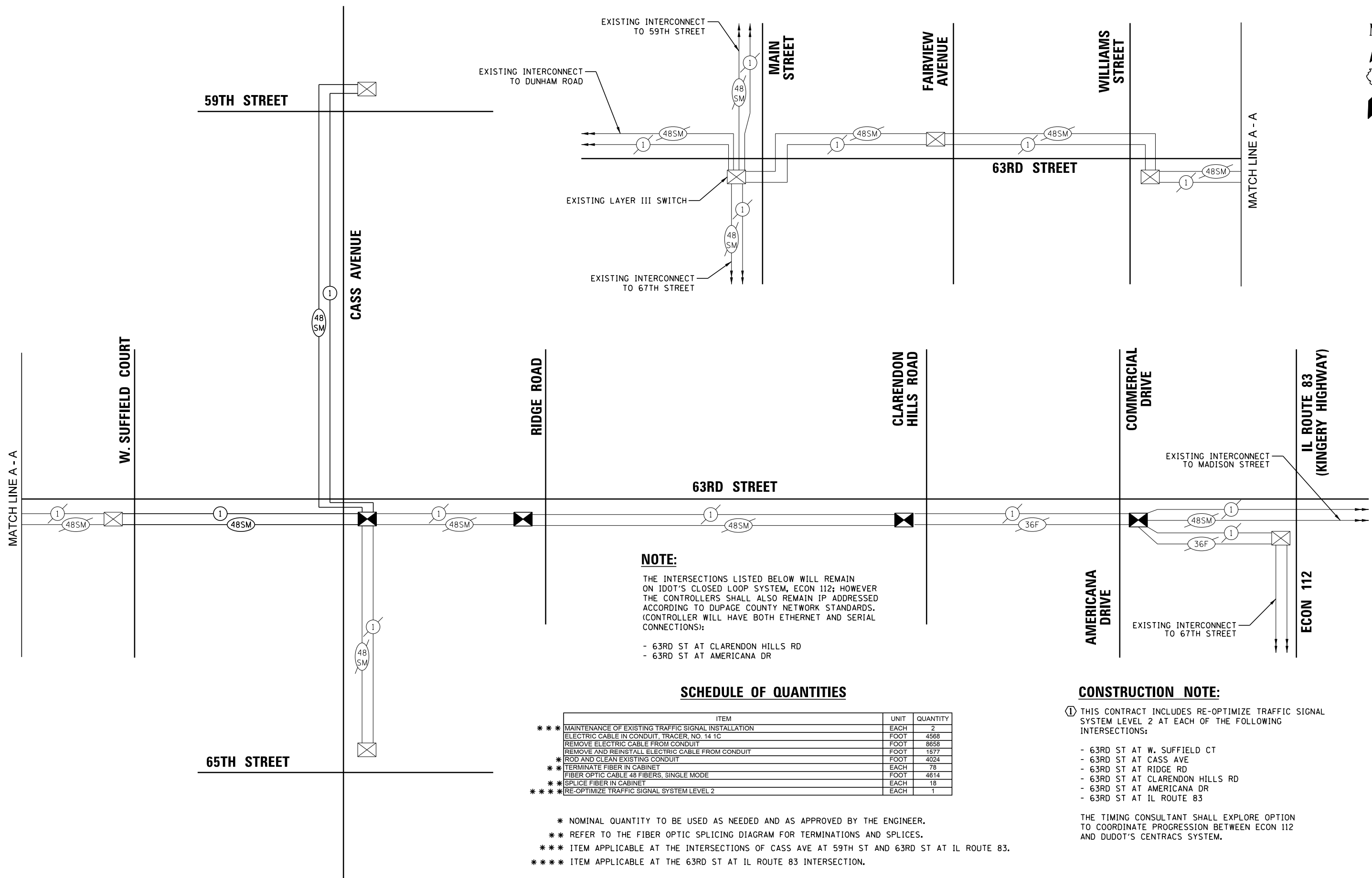
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	PLOT DATE = 3/31/2026	DATE - 3/31/2026	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERCONNECT PLAN (SHEET 4 OF 4)  
CASS AVENUE FROM 63RD STREET TO 59TH STREET  
63RD STREET FROM W. SUFFIELD COURT TO AMERICANA DRIVE**

SCALE: 1" = 100'    SHEET NO.    OF    SHEETS    STA.    TO    STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	81
<b>CONTRACT NO. 61M40</b>				
FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT				



**NOTE:**  
 THE INTERSECTIONS LISTED BELOW WILL REMAIN ON IDOT'S CLOSED LOOP SYSTEM, ECON 112; HOWEVER THE CONTROLLERS SHALL ALSO REMAIN IP ADDRESSED ACCORDING TO DUPAGE COUNTY NETWORK STANDARDS. (CONTROLLER WILL HAVE BOTH ETHERNET AND SERIAL CONNECTIONS):

- 63RD ST AT CLARENDON HILLS RD
- 63RD ST AT AMERICANA DR

**SCHEDULE OF QUANTITIES**

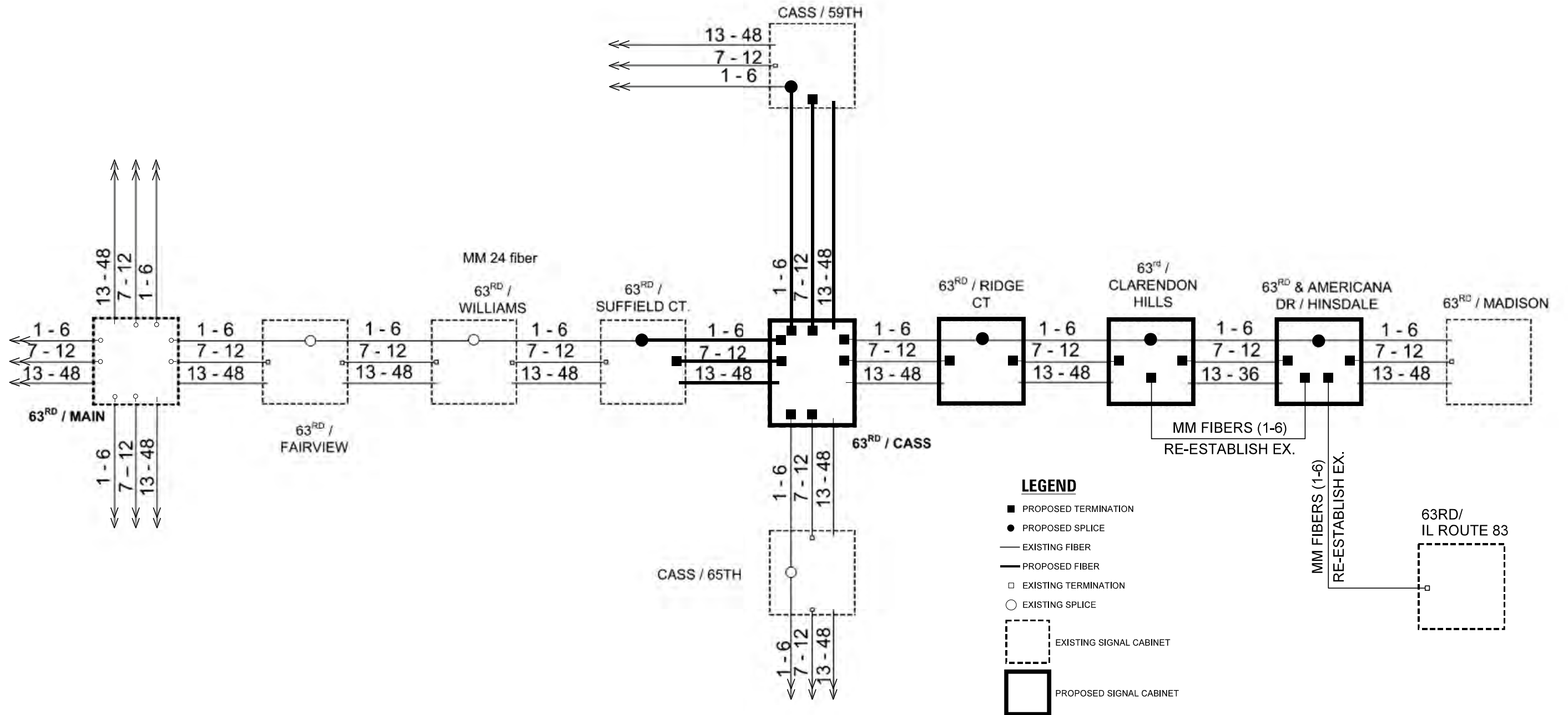
ITEM	UNIT	QUANTITY
*** MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	4568
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	8658
REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	1577
ROD AND CLEAN EXISTING CONDUIT	FOOT	4024
* TERMINATE FIBER IN CABINET	EACH	78
FIBER OPTIC CABLE 48 FIBERS, SINGLE MODE	FOOT	4614
* SPLICE FIBER IN CABINET	EACH	18
*** RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1

- \* NOMINAL QUANTITY TO BE USED AS NEEDED AND AS APPROVED BY THE ENGINEER.
- \*\* REFER TO THE FIBER OPTIC SPLICING DIAGRAM FOR TERMINATIONS AND SPLICES.
- \*\*\* ITEM APPLICABLE AT THE INTERSECTIONS OF CASS AVE AT 59TH ST AND 63RD ST AT IL ROUTE 83.
- \*\*\*\* ITEM APPLICABLE AT THE 63RD ST AT IL ROUTE 83 INTERSECTION.

**CONSTRUCTION NOTE:**

- ① THIS CONTRACT INCLUDES RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2 AT EACH OF THE FOLLOWING INTERSECTIONS:
  - 63RD ST AT W. SUFFIELD CT
  - 63RD ST AT CASS AVE
  - 63RD ST AT RIDGE RD
  - 63RD ST AT CLARENDON HILLS RD
  - 63RD ST AT AMERICANA DR
  - 63RD ST AT IL ROUTE 83
- THE TIMING CONSULTANT SHALL EXPLORE OPTION TO COORDINATE PROGRESSION BETWEEN ECON 112 AND DUDOT'S CENTRACS SYSTEM.

INTERSECTION	FIBER OPTIC CABLE TERMINATION COUNT			
	INCLUDED IN COST OF FIBER OPTIC CABLE		BID ITEM	
	SPLICES	TERMINATIONS	SPLICES	TERMINATIONS
59TH ST AT CASS AVE	6	6		
63RD ST AT W SUFFIELD CT	6	6		
63RD ST AT CASS AVE		24		24
63RD ST AT RIDGE RD			6	12
63RD ST AT CLARENDON HILLS RD			6	18
63RD ST AT AMERICANA DR			6	24
TOTAL:	12	36	18	78



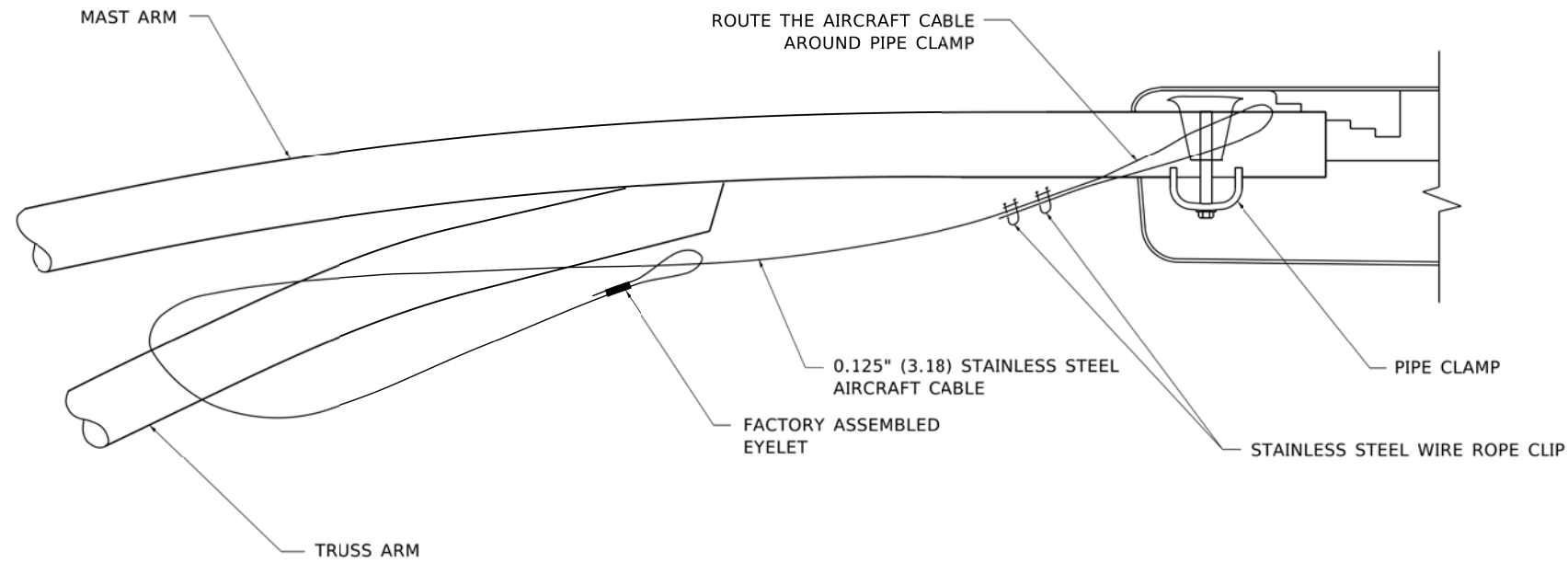
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		CHECKED - EAJ	REVISED -
		DATE - 3/31/2026	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

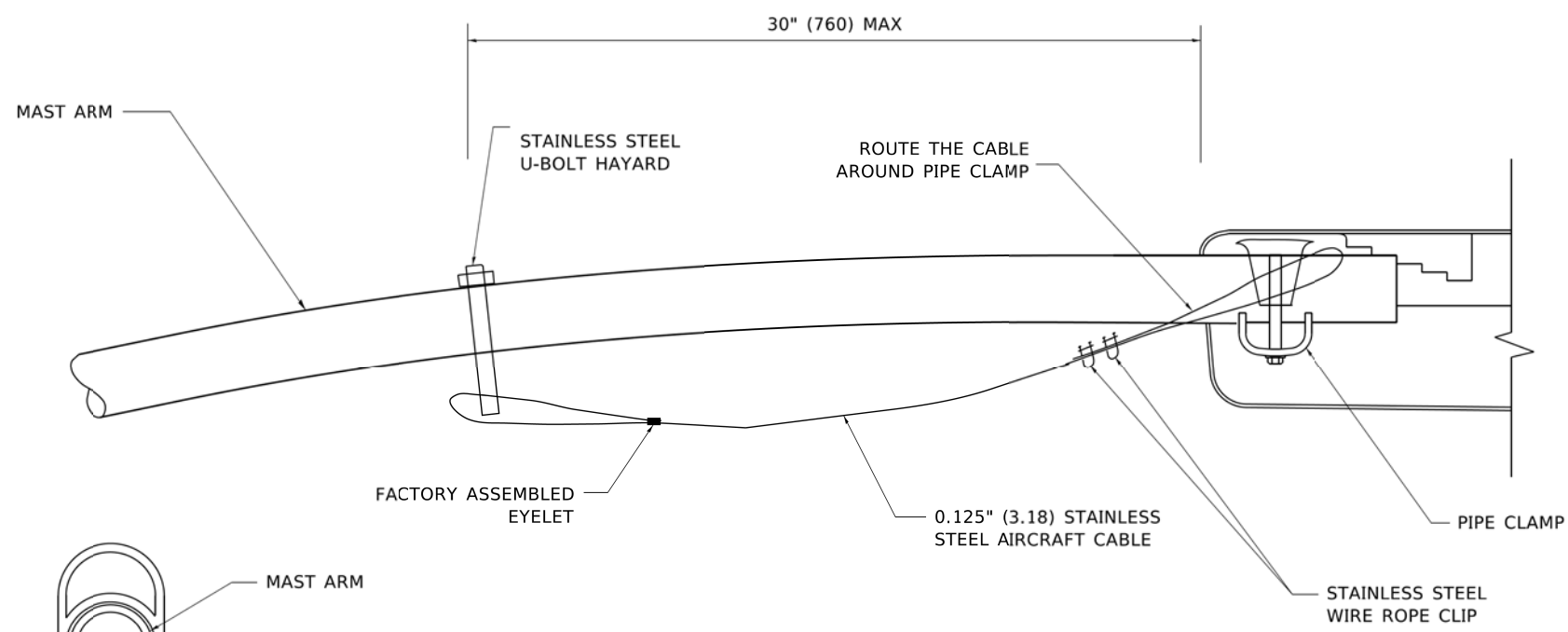
**PROPOSED FIBER SPLICING DIAGRAM**

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

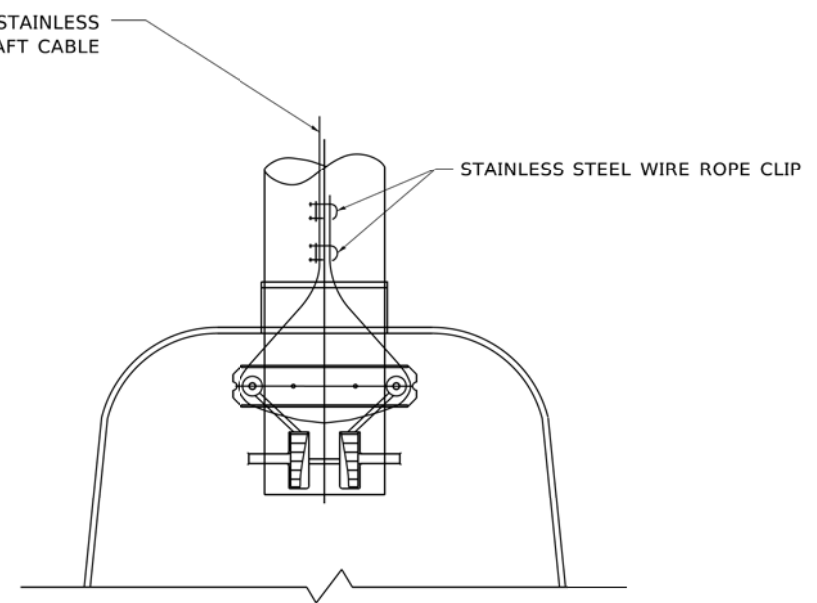
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	83
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61M40	



**SIDE VIEW (TRUSS ARM)**  
**N.T.S.**



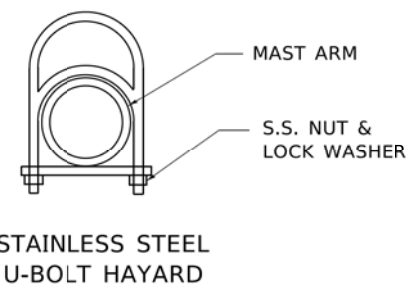
**SIDE VIEW (SINGLE MEMBER OR DAVIT ARM)**  
**N.T.S.**



**BOTTOM VIEW**  
**N.T.S.**

**NOTES:**

1. ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.
2. CONTRACTOR SHALL ADJUST THE WIRE CLIP TO ELIMINATE ANY SLACK FROM THE WIRE ROPE.
3. THE 0.125" (3.18) STAINLESS STEEL AIRCRAFT CABLE SHALL REMAIN VISIBLE FROM THE GROUND LEVEL.
4. THE BREAKING STRENGTH OF THE CABLE SHALL BE 1700 LBS. MIN.



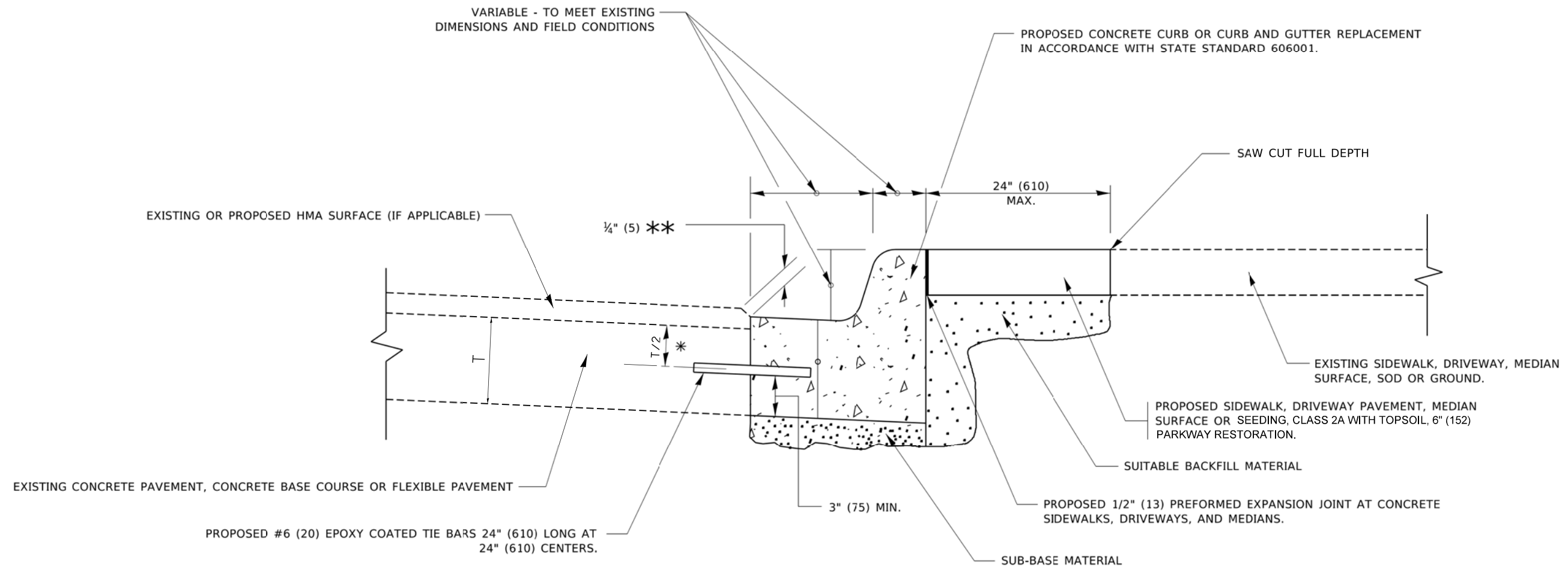
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USER NAME = footemj	DESIGNED -	REVISED - 08-08-03
PLOT SCALE = 50.0000' / ft.	DRAWN -	REVISED -
PLOT DATE = 4/19/2019	CHECKED -	REVISED -
	DATE -	REVISED -

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

<b>LUMINAIRE SAFETY CABLE ASSEMBLY</b>	
SCALE: NONE	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE. 1518	SECTION 20-00288-05-TL	COUNTY DUPAGE	TOTAL SHEETS 87	SHEET NO. 84
BE-701		CONTRACT NO. 61M40		
ILLINOIS FED. AID PROJECT				



- \* 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.

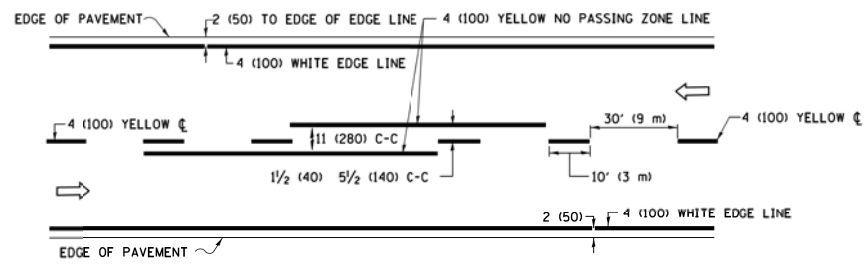
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USER NAME = footemj	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97
PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED - M. GOMEZ 01-22-01
PLOT DATE = 7/11/2019	DATE - 03-11-94	REVISED - R. BORO 12-15-09
		REVISED - K. SMITH 07-11-19

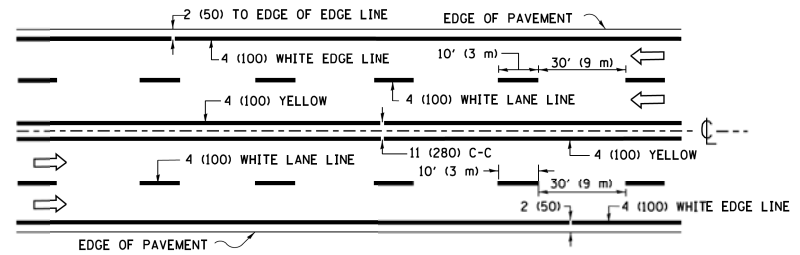
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT</b>			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

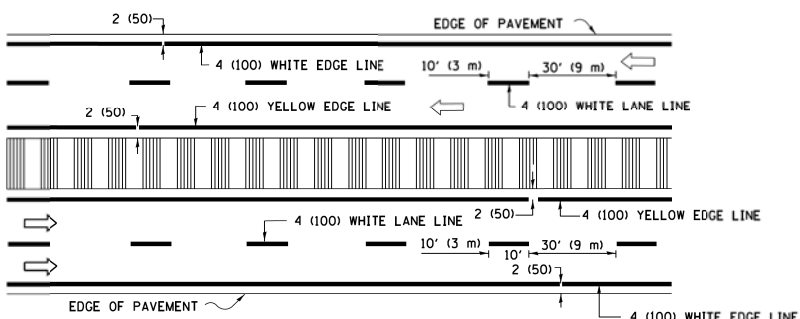
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	85
<b>BD600-06 (BD-24)</b>		CONTRACT NO. 61M40		
ILLINOIS FED. AID PROJECT				



**2-LANE ROADWAY**

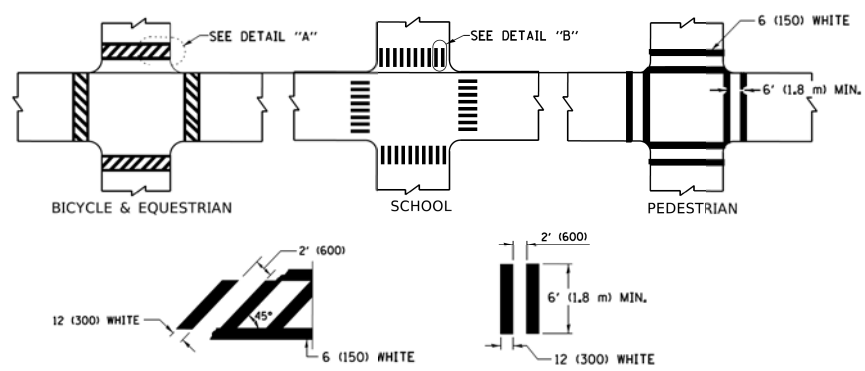


**MULTI-LANE UNDIVIDED**



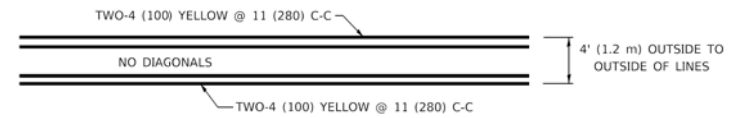
**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

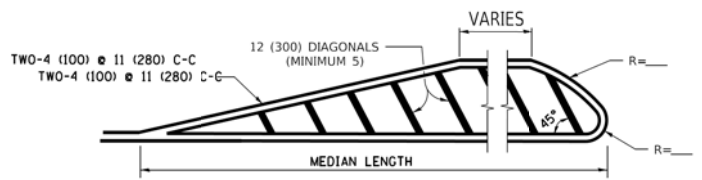


**TYPICAL CROSSWALK MARKING**

\* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

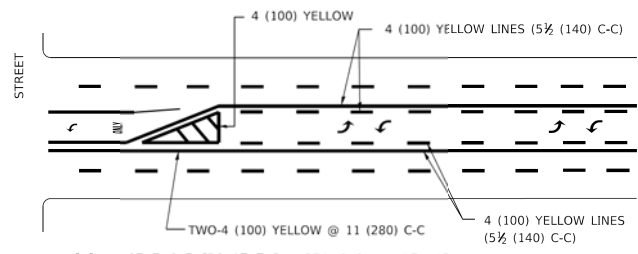


**4' (1.2 m) WIDE MEDIANS ONLY**



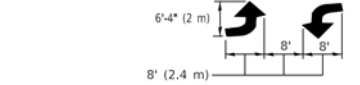
**MEDIANS OVER 4' (1.2 m) WIDE**

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))  
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)  
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))



**MEDIAN WITH TWO-WAY LEFT TURN LANE  
TYPICAL PAINTED MEDIAN MARKING**

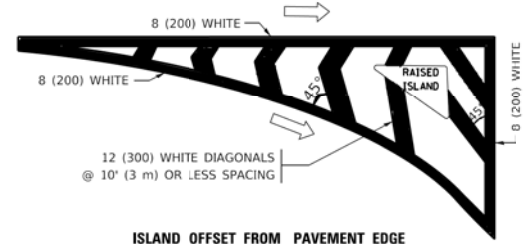
A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



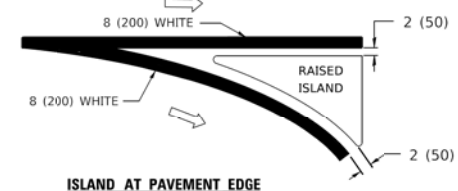
**TYPICAL LEFT (OR RIGHT) TURN LANE**

**TYPICAL TURN LANE MARKING**

FULL SIZE LETTERS 8" (2.4 m) AND ARROWS SHALL BE USED.  
AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)  
\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

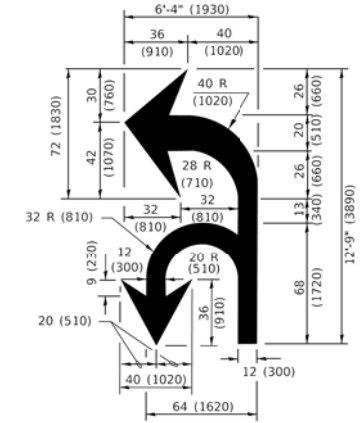


**ISLAND OFFSET FROM PAVEMENT EDGE**

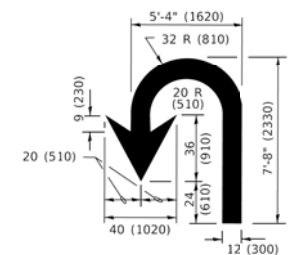


**ISLAND AT PAVEMENT EDGE**

**TYPICAL ISLAND MARKING**



**COMBINATION LEFT AND U-TURN**



**U-TURN**

**LANE REDUCTION TRANSITION**  
\* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE: FULL SIZE LETTERS & SYMBOLS (8" (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE.
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES: "RR" 15' (4.5 m) LETTERS: 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: *R*=3.6 SQ. FT. (0.33 m <sup>2</sup> ) EACH *X*=54.0 SQ. FT. (5.0 m <sup>2</sup> )
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS > 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

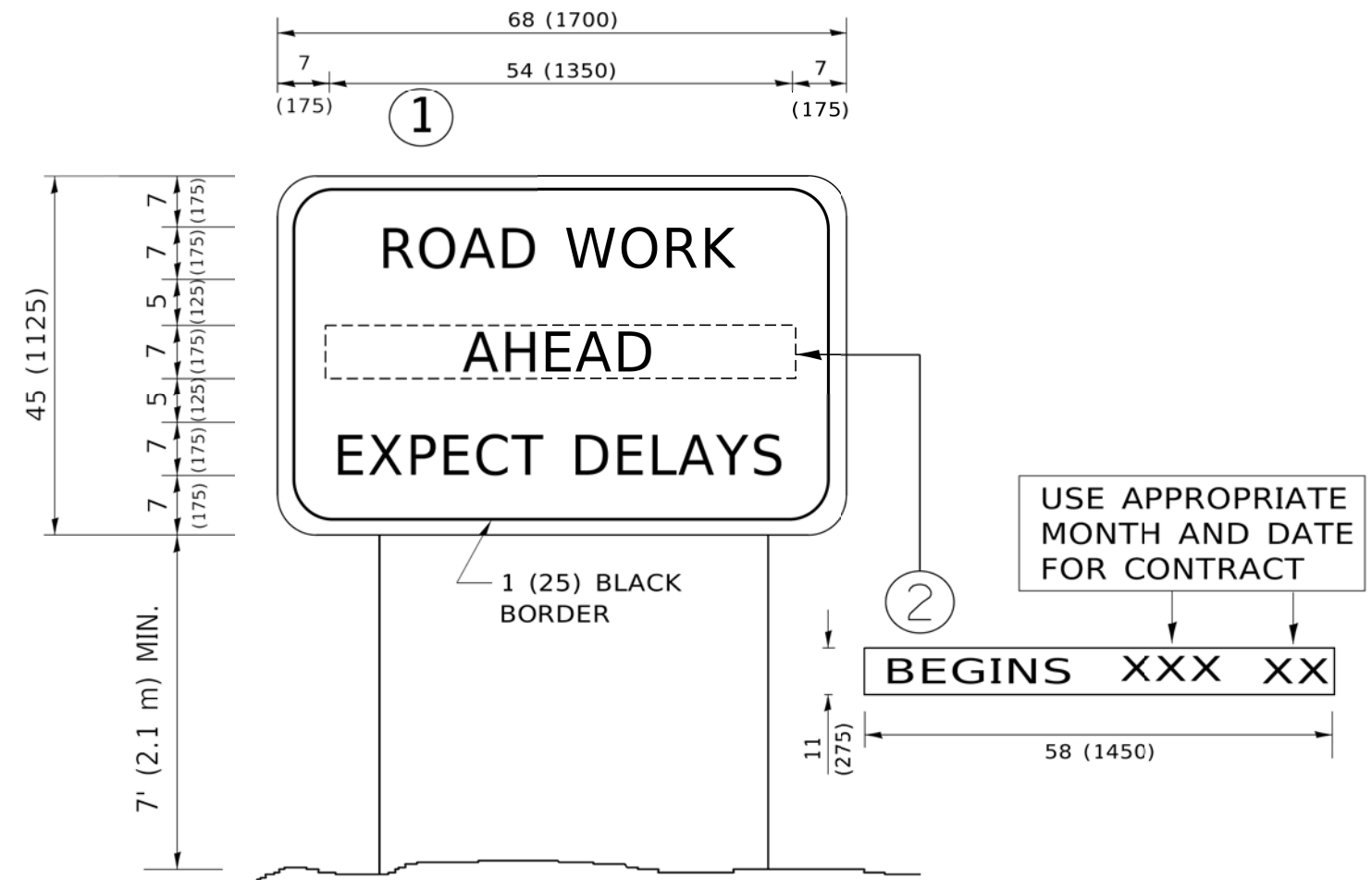
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USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
PLOT SCALE = 50.0000" / 1'	DRAWN -	REVISED - C. JUCIUS 07-01-13
PLOT DATE = 3/4/2019	CHECKED -	REVISED - C. JUCIUS 12-21-15
	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DISTRICT ONE</b>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>TYPICAL PAVEMENT MARKINGS</b>		1518	20-00288-05-TL	DUPAGE	87	86
SCALE: NONE		SHEET 1 OF 2 SHEETS		STA. TO STA.	CONTRACT NO. 61M40	

<b>TC-13</b>		ILLINOIS	FED. AID PROJECT
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**NOTES:**

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

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USER NAME = footemj	DESIGNED -	REVISED - R. MIRS 09-15-97
	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD  
INFORMATION SIGN**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	20-00288-05-TL	DUPAGE	87	87
TC-22			CONTRACT NO. 61M40	
ILLINOIS FED. AID PROJECT				