

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	1
		ILLINOIS	CONTRACT NO. 60Y21	

SUBSURFACE UTILITY ENGINEERING (S.U.E.)
UTILIZED ON THIS PROJECT

FOR INDEX OF SHEETS, SEE SHEET NO. 2

DESIGN DESIGNATION

IL RTE 19: 42,000(40) PRINCIPAL ARTERIAL 11.55 (FD-20)

TRAFFIC DATA

ADT:

36,300 (2013)/42,000 (2040)

SPEED LIMIT IL RTE 19:

POSTED: 35 MPH - 40 MPH

DESIGN: 40 MPH - 45 MPH

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 345 IL 19 (IRVING PARK RD)
AT SCOTT STREET AND JUDD AVENUE
SECTION 3058A-N(14)
PROJECT: NHPP-BM3D(398)
INTERSECTION RECONSTRUCTION
COOK COUNTY

D-91-336-14



THE IMPROVEMENT IS LOCATED IN
THE VILLAGE OF SCHILLER PARK

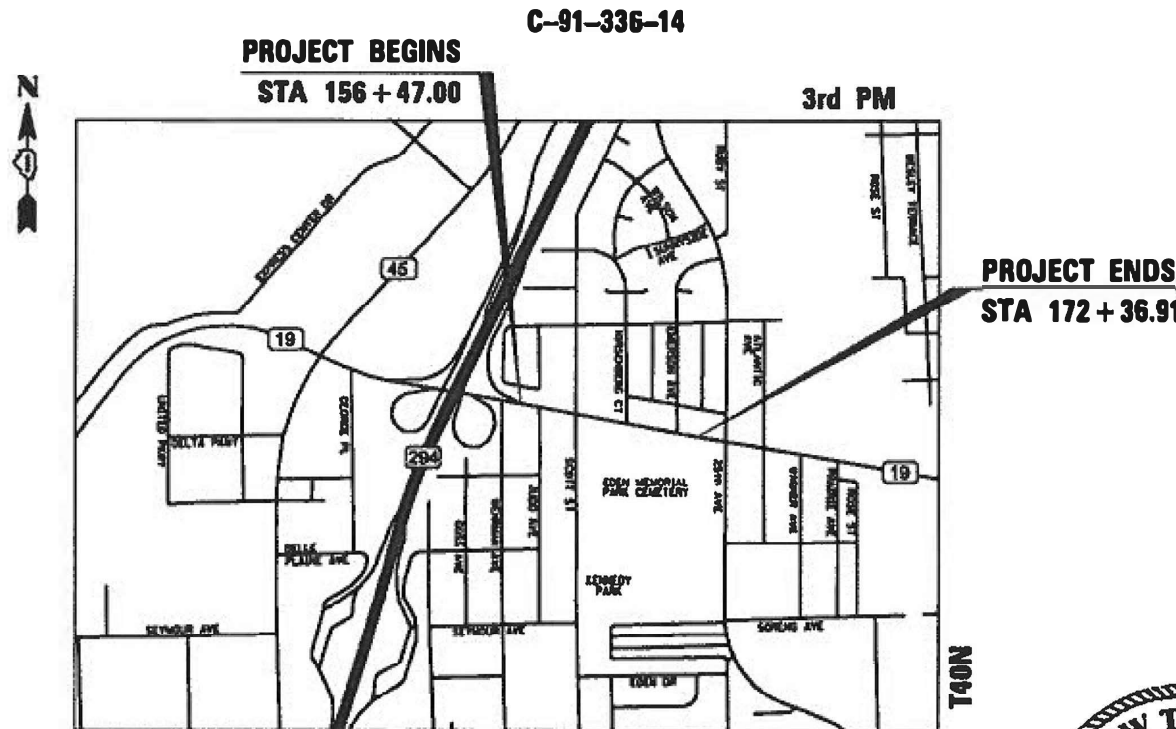


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: VESELIN VELICHKOV (847) 705-4432
PROJECT MANAGER: FAWAD AQUEEL (847) 705-4247

CONTRACT NO. 60Y21



LOCATION MAP
NOT TO SCALE

LEYDEN TOWNSHIP
GROSS LENGTH = 1,589.91 FT. = 0.30 MILES
NET LENGTH = 1,589.91 FT. = 0.30 MILES

CONSULTING ENGINEERS

BLA, Inc.
333 PIERCE ROAD SUITE 200 ITASCA, IL 60143
P:(830) 438 0400 F:(830) 438 0444 www.bla-inc.com
ILLINOIS • MICHIGAN • WISCONSIN



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED JUNE 18, 2020
Anthony J. Quigley REGIONAL ENGINEER
August 14, 2020
Scott E. A. Etk
ENGINEER OF DESIGN AND ENVIRONMENT
August 14, 2020
Thomas J. Quinn
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

Matthew T. Cesario DATE 6/16/2020
MATTHEW CESARIO
ILLINOIS REGISTERED PROFESSIONAL ENGINEER NO. 062-066160
MY LICENSE EXPIRES ON 11-30-21.

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DISTRICT DETAILS

BD-01	DRIVEWAY DETAILS - DIST. BETWEEN ROW & FACE CURB & EDGE OF SHLDR \geq 15'
BD-02	DRIVEWAY DETAILS - DIST. BETWEEN ROW AND FACE OF CURB < 15'
BD-07	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER
BD-08	FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD-12	MANHOLE WITH RESTRICTOR PLATE
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-32	BUTT JOINTS AND HMA TAPER
BD-34	DETAILS FOR DEPRESSED CURB & GUTTER AND SHOULDER TREATMENT AT T&T TY. 1 SPL
TC-10	TRAFFIC CONTROL & PROTECTION FOR SIDE ROADS, INTERSECTIONS & DRIVEWAYS
TC-11	RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC-16	SHORT TERM PAVEMENT MARKINGS LETTERS AND SYMBOLS
TC-22	ARTERIAL ROAD INFORMATION SIGN
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HIGHWAY STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-04	DIAGONAL CURB RAMPS FOR SIDEWALKS
424016-05	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-05	DEPRESSED CORNER FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
601001-05	PIPE UNDERDRAINS
602001-02	CATCH BASIN, TYPE A
602011-02	CATCH BASIN, TYPE C
602401-06	PRECAST MANHOLE TYPE A 4' DIAMETER
602402-02	PRECAST MANHOLE TYPE A 5' DIAMETER
602406-10	PRECAST MANHOLE TYPE A 6' DIAMETER
602411-08	PRECAST MANHOLE TYPE A 7' DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-05	FRAME AND LIDS TYPE 1
604036-03	GRATE TYPE 8
604091-03	FRAME AND GRATE TYPE 24
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606201-04	TYPE B GUTTER (INLET, OUTLET & ENTRANCE)
606301-04	PC CONCRETE ISLANDS AND MEDIANS
630001-12	STEEL PLATE BEAM GUARDRAIL
630106-02	LONG-SPAN GUARDRAIL OVER CULVERT
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL, TY. 2
664001-02	CHAIN LINK FENCE
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-10	URBAN LANE CLOSURE MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAIL
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS, AND DELINEATORS
725001-01	OBJECT AND TERMINAL MARKERS
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
814001-03	HANDHOLES
814006-02	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTIBLE POWER SUPPLY (UPS)
877001-08	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-10	CONCRETE FOUNDATION DETAIL
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

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "I.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOURS NOTIFICATION IS REQUIRED.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND WITH LOCAL EMERGENCY SERVICES AND THE VILLAGE OF SCHILLER PARK.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE OR VILLAGE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT OR THE VILLAGE.
- WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
- THE CONTRACTOR SHALL CONTACT THE IDOT TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO PLACING ANY SIGNS OR TRAFFIC CONTROL DEVICES ON STATE HIGHWAYS..
- THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE FOR INFORMATIONAL PURPOSES ONLY AND ARE BASED ON FIELD INVESTIGATIONS AND THE BEST INFORMATION AVAILABLE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATIONS FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS
- THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW OR WASTE/USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR WILL NEED TO SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION II.G.1 AND 2 OF THE SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE CONTRACTOR SHALL PROTECT EXISTING AND NEW UTILITIES AND SHALL BRACE AND SUPPORT THE UTILITIES PROPERLY IN ORDER TO PREVENT SETTLEMENT, DISPLACEMENT, OR DAMAGE TO THE UTILITIES. THE PROTECTION OF THE UTILITIES AS SPECIFIED HEREIN WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT.
- EXISTING MAILBOXES AFFECTED BY CONSTRUCTION SHALL BE RELOCATED AS DIRECTED BY THE LOCAL POSTAL AUTHORITY AND THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- THE CONTRACTOR SHALL TAKE CARE IN REMOVING OR EXCAVATING NEAR ALL EXISTING ITEMS WHICH WILL REMAIN. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, AS REQUIRED, PRIOR TO COMMENCING WITH CONSTRUCTION. ANY COST ASSOCIATED WITH OBTAINING THESE PERMITS SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR THE ITEMS BEING INSTALLED.
- POLLUTION CONTROL: THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH STATE REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.

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USER NAME = WTeng	DESIGNED - WINSON TENG	REVISED -
	DRAWN - WINSON TENG	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - MATTHEW CESARIO	REVISED -
PLOT DATE = 6/20/2020	DATE - 06/05/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 19 AT JUDD AVENUE
INDEX, HIGHWAY STANDARDS, GENERAL NOTES AND COMMITMENTS**

SCALE: N.T.S. SHEET 1 OF 2 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	2
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES (CONT'D)

14. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING DRAINAGE THROUGHOUT THE CONSTRUCTION OF THIS PROJECT. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.
15. NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.
16. THE COST OF SAW CUTTING, (FULL DEPTH) SHALL BE INCLUDED IN THE UNIT PRICES FOR THE VARIOUS REMOVAL PAY ITEMS.
17. THE CONTRACTOR SHALL DETERMINE WHEN FLAT SLAB TOPS ARE REQUIRED ON INLETS, MANHOLES, AND CATCH BASINS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THE USE OF FLAT SLAB TOPS AND IT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE STORM STRUCTURE.
18. ALL ABANDONED SEWER INVERTS SHALL BE PLUGGED WITH BRICK AND CLASS SI CONCRETE TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF THE STORM SEWER BEING REMOVED.
19. CONNECTION OF EXISTING STORM SEWER INTO PROPOSED STORM SEWER STRUCTURES SHALL BE INCLUDED IN THE COST OF THE STORM SEWER STRUCTURE. ANY ADDITIONAL STORM SEWER PIPE REQUIRED TO MAKE THE CONNECTION SHALL BE THE SAME SIZE AND MATERIAL TYPE AS THE EXISTING STORM SEWER AND SHALL BE INCLUDED IN THE COST OF THE DRAINAGE STRUCTURE.
20. THE COST OF MAKING STORM SEWER CONNECTIONS TO EXISTING OR PROPOSED SEWER OR DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE STORM SEWER BEING CONNECTED.
21. THE COST OF MAKING UNDERDRAIN CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PROPOSED UNDERDRAIN.
22. A 10 FOOT TRANSITION SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO THE EXISTING CURB AND GUTTER AND MEDIANS IN THE FIELD UNLESS OTHERWISE SHOWN. THE TRANSITION SHALL BE CONSIDERED IN THE COST OF THE ITEM OF WORK.
23. ALL WORK INVOLVING SIGNS SHALL BE GOVERNED BY THE FOLLOWING REQUIREMENTS:
 - a. SIGNS SHALL NOT BE MOVED UNTIL PROGRESS OF WORK NECESSITATES IT.
 - b. EVERY SIGN REMOVED MUST BE RE-ERECTED AT A TEMPORARY LOCATION AND BE VISIBLE TO TRAFFIC FOR WHICH IT IS NEEDED. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING.
 - c. ALL SIGNS SHALL BE RE-ERECTED IN PERMANENT LOCATIONS AS THE ROADWAY IS COMPLETED. HORIZONTAL LOCATION FROM THE EDGE OF PAVEMENT SHALL BE AS DIRECTED BY THE ENGINEER.
 - d. ALL UNUSED SIGNS WILL BE RETURNED TO THE: IDOT
 - e. LONGER POSTS MAY BE REQUIRED AT SOME TEMPORARY OR PERMANENT SIGN LOCATIONS TO MAINTAIN PROPER SIGN ELEVATIONS, THE COST SHALL BE INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT ACCORDING TO ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS.
24. AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 (04/01/2016) AND THE IDOT SUBGRADE STABILITY MANUAL (05/01/2005). IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
25. ANY AGGREGATE SUBGRADE DAMAGED BY THE CONTRACTOR VEHICLE AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.

TEMPORARY TRAFFIC SIGNAL NOTES

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION ACTIVITIES. THIS SHALL INCLUDE LOCATING WOOD POST LOCATION AND VERIFYING THE CABLE LENGTHS.
2. THE CONTRACTOR SHALL CHECK THE TEMPORARY TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL COORDINATE ANY CONFLICTS WITH THE UTILITY COMPANIES AND THE RESIDENT ENGINEER BEFORE ORDERING MATERIALS.
3. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
4. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
5. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12" (300MM) DIAMETER. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZES COUNTDOWN TYPE OR AS DIRECTED BY THE ENGINEER. COUNTDOWN TYPE PEDESTRIAN SIGNALS ARE NOT TO BE INSTALLED AT A RAILROAD INTERSECTION. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
6. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
7. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
8. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
9. UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL, TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.
10. TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.
11. DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.
12. WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE CALLED FOR IN THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS.

PROPOSED TRAFFIC SIGNAL NOTES

1. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES, AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES, AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL JULIE AT (800) 892-0123 FOR LOCATIONS OF BURIED UTILITIES (48 HOUR NOTIFICATION IS REQUIRED).
2. THE CONTRACTOR SHALL CHECK THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL COORDINATE ANY CONFLICTS WITH THE UTILITY COMPANIES AND THE RESIDENT ENGINEER BEFORE ORDERING MATERIALS.

COMMITMENTS

NONE

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USER NAME = WTeng	DESIGNED - WINSON TENG	REVISED -
	DRAWN - WINSON TENG	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - MATTHEW CESARIO	REVISED -
PLOT DATE = 6/20/2020	DATE - 06/05/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 19 AT JUDD AVENUE
INDEX, HIGHWAY STANDARDS, GENERAL NOTES AND COMMITMENTS**

SCALE: N.T.S. SHEET 2 OF 2 SHEETS STA. N/A TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	3
CONTRACT NO. 60Y21				
		ILLINOIS	FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				URBAN				
				ROADWAY	ROADWAY	TRAFFIC SIGNALS	EVP	
				0004	0004	0021	0021	
80% FED 20% STATE	100% VILLAGE	80% FED 10% STATE 10% VILLAGE	100% VILLAGE					
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	250	250				
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	105	105				
20101000	TEMPORARY FENCE	FOOT	95	95				
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	44	44				
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	20	20				
20200100	EARTH EXCAVATION	CU YD	2186	2186				
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	332	332				
20800150	TRENCH BACKFILL	CU YD	727	727				
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	267	267				
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	1207	1207				
21101635	TOPSOIL FURNISH AND PLACE, 9"	SQ YD	75	75				
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	45	45				
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	45	45				
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	45	45				

* SPECIALTY ITEMS

MODEL: D:\p1\1\1916CADD_Sheets\16021-1-18t-summary_of_quantities.dgn



USER NAME = WTeng	DESIGNED - WINSON TENG	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 19 AT JUDD AVENUE
SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET 1 OF 15 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	4
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				URBAN		ROADWAY 0004	ROADWAY 0004	TRAFFIC SIGNALS 0021	EVP 0021
				80% FED	20% STATE				
25100115	MULCH, METHOD 2	ACRE	0.25		0.25				
25100630	EROSION CONTROL BLANKET	SQ YD	3640		3640				
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	351		351				
25200110	SODDING, SALT TOLERANT	SQ YD	3627		3627				
25200200	SUPPLEMENTAL WATERING	UNIT	8.1		8.1				
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	83		83				
28000305	TEMPORARY DITCH CHECKS	FOOT	48		48				
28000400	PERIMETER EROSION BARRIER	FOOT	4173		4173				
28000510	INLET FILTERS	EACH	51		51				
28100107	STONE RIPRAP, CLASS A4	SQ YD	25		25				
28200200	FILTER FABRIC	SQ YD	25		25				
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	134		134				
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	3115		3115				
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	180		180				

* SPECIALTY ITEMS

MODEL: D:\dft\it\FILE NAME: W0357029 MFS-BLA IDOT Var W03-7 IL 19ICADD_Sheets\160Y21-1-sh-summary of quantities.dgn



USER NAME = WTeng	DESIGNED - WINSON TENG	REVISED -
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	DATE - 06/05/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 19 AT JUDD AVENUE
SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET 2 OF 15 SHEETS STA. N/A TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	5
CONTRACT NO. 60Y21				
ILLINOIS			FED. AID PROJECT	

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE							
				ROADWAY 0004		ROADWAY 0004		TRAFFIC SIGNALS 0021		EVP 0021	
				80% FED	20% STATE	100% VILLAGE		80% FED	10% STATE	10% VILLAGE	100% VILLAGE
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	753	753							
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	1138	1138							
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	40	40							
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	98	98							
35501324	HOT-MIX ASPHALT BASE COURSE, 10"	SQ YD	1358	1358							
35600716	HOT-MIX ASPHALT BASE COURSE WIDENING, 10"	SQ YD	397	397							
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	7344	7344							
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	3.2	3.2							
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	108	108							
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	146	146							
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, 1L-4.75, N50	TON	435	435							
40604060	HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "D", N50	TON	208	208							
40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80	TON	1033	1033							
42001300	PROTECTIVE COAT	SQ YD	2560	2560							

* SPECIALTY ITEMS

MODEL: D:\p07\11_19\CADD_Sheets\160Y21-1-Subsummary of quantities.dgn



USER NAME = WTeng	DESIGNED - WINSON TENG	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 19 AT JUDD AVENUE
SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET 3 OF 15 SHEETS STA. N/A TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	6
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				URBAN		TRAFFIC SIGNALS		EVP	
				ROADWAY 0004		ROADWAY 0004		0021	0021
				80% FED	20% STATE	100% VILLAGE	80% FED	10% STATE	10% VILLAGE
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	275	275					
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	174	174					
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	6775	6775					
42400800	DETECTABLE WARNINGS	SQ FT	157	157					
44000100	PAVEMENT REMOVAL	SQ YD	605	605					
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	555	555					
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	7982	7982					
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	678	678					
44000300	CURB REMOVAL	FOOT	104	104					
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	3416	3416					
44000600	SIDEWALK REMOVAL	SQ FT	12286	12286					
44002212	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3"	SQ YD	868	868					
44003100	MEDIAN REMOVAL	SQ FT	1618	1618					
44201353	CLASS C PATCHES, TYPE II, 10 INCH	SQ YD	250	250					

* SPECIALTY ITEMS

MODEL: D:\a\h\...
FILE NAME: W03572029 M05-BLA IDOT V04-W03-7 IL 19ICADD_Sheets\0160Y21-1-1-2b-summary_of_quantities.dgn



USER NAME = WTeng	DESIGNED - WINSON TENG	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 19 AT JUDD AVENUE
SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET 4 OF 15 SHEETS STA. N/A TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	7
CONTRACT NO. 60Y21			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE						
				ROADWAY		ROADWAY		TRAFFIC SIGNALS		EVP
				0004		0004		0021		0021
				80% FED	20% STATE	100% VILLAGE	100% VILLAGE	80% FED	10% STATE	10% VILLAGE
44201357	CLASS C PATCHES, TYPE III, 10 INCH	SQ YD	175	175						
44201359	CLASS C PATCHES, TYPE IV, 10 INCH	SQ YD	150	150						
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	6	6						
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	155	155						
48101620	AGGREGATE SHOULDERS, TYPE B 10"	SQ YD	109	109						
54010903	PRECAST CONCRETE BOX CULVERTS 9' X 3'	FOOT	180	180						
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1	1						
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	1	1						
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	590	590						
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	36	36						
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	401	401						
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	6	6						
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	209	209						
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	134	134						

* SPECIALTY ITEMS

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 FILE NAME: W03572029 MRS-BLA IDOT Var W03-7 IL 19ICADD_Sheets\0160Y21-12b-summary of quantities.dgn



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 19 AT JUDD AVENUE
SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 5 OF 15 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	8
CONTRACT NO. 60Y21				
ILLINOIS		FED. AID PROJECT		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				ROADWAY		TRAFFIC SIGNALS		EVP
				0004		0021		0021
				80% FED 20% STATE	100% VILLAGE	80% FED 10% STATE 10% VILLAGE	100% VILLAGE	
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	76	76				
55100200	STORM SEWER REMOVAL 6"	FOOT	15	15				
55100300	STORM SEWER REMOVAL 8"	FOOT	26	26				
55100400	STORM SEWER REMOVAL 10"	FOOT	7	7				
55100500	STORM SEWER REMOVAL 12"	FOOT	70	70				
† *	56400400	FIRE HYDRANTS TO BE RELOCATED	EACH	2		2		
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	1463	1463				
60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1				
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	14	14				
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1	1				
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	7	7				
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3				
60219540	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1				
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6	6				

* SPECIALTY ITEMS
 † NON-PARTICIPATION ITEM

MODEL Defn.dgn
 FILE NAME: W06572029 MFS-BLA IDOT V06-7 IL 19ICADD_Sheets\0160Y21-12b-summary_of_quantities.dgn



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL RTE 19 AT JUDD AVENUE
 SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET 6 OF 15 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	9
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE							
				ROADWAY 0004		ROADWAY 0004		TRAFFIC SIGNALS 0021		EVP 0021	
				80% FED	20% STATE	100% VILLAGE		80% FED	10% STATE	10% VILLAGE	100% VILLAGE
60222240	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	2	2							
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1							
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2							
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	17	17							
60251740	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE	EACH	1	1							
60260400	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	4	4							
60500040	REMOVING MANHOLES	EACH	1	1							
60500050	REMOVING CATCH BASINS	EACH	5	5							
60500060	REMOVING INLETS	EACH	8	8							
60600605	CONCRETE CURB, TYPE B	FOOT	177	177							
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	3278	3278							
60619200	CONCRETE MEDIAN, TYPE SB-6.06	SQ FT	882	882							
60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	1305	1305							
60801012	FLAP GATE 12"	EACH	1	1							

* SPECIALTY ITEMS

MODEL: D:\dof\it... FILE NAME: W03572029_MPS-BLA_IDOT_V06.7_IL_19\CADD_Sheets\160Y21-Subsummary_of_quantities.dgn



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 19 AT JUDD AVENUE
SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET 7 OF 15 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	10
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE						
				ROADWAY 0004		ROADWAY 0004		TRAFFIC SIGNALS 0021		EVP 0021
				80% FED 20% STATE	100% VILLAGE	80% FED 10% STATE 10% VILLAGE	100% VILLAGE	100% VILLAGE		
* 63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	FOOT	169	169						
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1	1						
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2						
63200310	GUARDRAIL REMOVAL	FOOT	274	274						
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1055	1055						
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	4	4						
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1						
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1						
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	3	3						
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	18	18						
67100100	MOBILIZATION	L SUM	1	1						
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	720	720						
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	13025	13025						
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	513	513						

* SPECIALTY ITEMS

MODEL: D:\p1\11
 FILE NAME: W0357029 MHS-BLA IDOT V03-7 IL 19ICADD_Sheets\16021-1-18-summary of quantities.dgn



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 19 AT JUDD AVENUE
SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET 8 OF 15 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	11
				CONTRACT NO. 60Y21
			ILLINOIS	FED. AID PROJECT

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				URBAN		TRAFFIC SIGNALS	EVP
				ROADWAY	ROADWAY		
				0004	0004	0021	0021
80% FED 20% STATE	100% VILLAGE	80% FED 10% STATE 10% VILLAGE	100% VILLAGE				
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	96	96			
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	111	111			
70400100	TEMPORARY CONCRETE BARRIER	FOOT	925	925			
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	825	825			
* 70600255	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	3	3			
* 70600322	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	2	2			
* 72000100	SIGN PANEL - TYPE 1	SQ FT	25.5	12		13.5	
* 72000200	SIGN PANEL - TYPE 2	SQ FT	32.5			32.5	
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	3	3			
* 72900200	METAL POST - TYPE B	FOOT	28	28			
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	198	198			
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	4185	4185			
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	615	615			
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	706	706			

* SPECIALTY ITEMS

MODEL: D:\m\it FILE NAME: W0357029 MHS=BLA IDOT V07 W07 IL 19ICADD_Sheets\16021-1-18-summary_of_quantities.dgn



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 19 AT JUDD AVENUE
SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET 9 OF 15 SHEETS STA. N/A TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	12
CONTRACT NO. 60Y21				
ILLINOIS		FED. AID PROJECT		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				URBAN				
				ROADWAY 0004	ROADWAY 0004	TRAFFIC SIGNALS 0021		EVP 0021
				80% FED 20% STATE	100% VILLAGE	80% FED 10% STATE 10% VILLAGE	100% VILLAGE	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	111	111				
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	133	133				
78100200	TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	EACH	148	148				
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	6	6				
78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	146	146				
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	302	302				
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	2965			2965		
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	172			172		
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	317			317		
* 81400100	HANDHOLE	EACH	13			13		
* 81400200	HEAVY-DUTY HANDHOLE	EACH	1			1		
* 81400300	DOUBLE HANDHOLE	EACH	2			2		
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1			1		
* 86400100	TRANSCIEVER - FIBER OPTIC	EACH	1			1		

* SPECIALTY ITEMS

MODEL Path: I:\CADD\2020\MIS-BLA IDOT\6021-18t-summary-of-quantities.dgn
FILE Name: W0572020 MIS-BLA IDOT V06-7 IL 19CADDD_Sheets\6021-18t-summary-of-quantities.dgn



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 19 AT JUDD AVENUE
SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 10 OF 15 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	13
				CONTRACT NO. 60Y21
		ILLINOIS	FED. AID PROJECT	

MODEL: D:\dofa\1
 FILE NAME: W3572029 M95-BLA IDOT Var W07-IL 19ICADD_Sheets\0160721-shr-summary-of quantities.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				URBAN		TRAFFIC SIGNALS		EVP
				ROADWAY 0004	ROADWAY 0004	0021		0021
				80% FED 10% STATE 10% VILLAGE	100% VILLAGE			
* 87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	4302			4302		
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2381			2381		
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1313			1313		
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1626			1626		
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	383			383		
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1891			1891		
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO.6 2 C	FOOT	69			69		
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO.6 1C	FOOT	3585			3585		
* 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3			3		
* 87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	2			2		
* 87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	2			2		
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	36			36		
* 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4			4		
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	22			22		

* SPECIALTY ITEMS



USER NAME = WTeng	DESIGNED - WINSON TENG	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 19 AT JUDD AVENUE
SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET 11 OF 15 SHEETS STA. N/A TO STA. N/A

F.A.P RTE. 345	SECTION 3058A-N(14)	COUNTY COOK	TOTAL SHEETS 106	SHEET NO. 14
				CONTRACT NO. 60Y21
ILLINOIS		FED. AID PROJECT		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				URBAN						
				ROADWAY		ROADWAY		TRAFFIC SIGNALS		EVP
				0004		0004		0021		0021
80% FED 20% STATE		100% VILLAGE		80% FED 10% STATE	10% VILLAGE	100% VILLAGE				
* 87900200	DRILL EXISTING HANDHOLE	EACH	1				1			
* 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	4				4			
* 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	7				7			
* 88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1				1			
* 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	4				4			
* 88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	5				5			
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	6				6			
* 88600100	DETECTOR LOOP, TYPE I	FOOT	201				201			
* 88700200	LIGHT DETECTOR	EACH	2					2		
* 88700300	LIGHT DETECTOR AMPLIFIER	EACH	1					1		
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	4				4			
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1				1			
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2338				2338			

* SPECIALTY ITEMS

MODEL D:\info\...
FILE NAME: W0357029 MFS-BLA IDOT V07-7 IL 19ICADD_Sheets\16021-1-1-2-1-1-Summary of quantities.dgn



USER NAME = WTeng	DESIGNED - WINSON TENG	REVISED -
	DRAWN - WINSON TENG	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - MATTHEW CESARIO	REVISED -
PLOT DATE = 6/20/2020	DATE - 06/05/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 19 AT JUDD AVENUE
SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET 12 OF 15 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	15
CONTRACT NO. 60Y21			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				URBAN				
				ROADWAY 0004		TRAFFIC SIGNALS 0021		EVP 0021
80% FED	20% STATE	80% FED	10% STATE 10% VILLAGE	100% VILLAGE				
*	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1			1	
*	89502380	REMOVE EXISTING HANDHOLE	EACH	10			10	
*	89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1			1	
*	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	8			8	
	X0322936	REMOVE EXISTING FLARED END SECTION	EACH	1	1			
*	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	288				288
*	X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	957			957	
	X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	240	240			
	X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	629	629			
*	X1400081	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1			1	
*	X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1			1	
*	X2500322	SEEDING, CLASS 5A, (MODIFIED)	ACRE	0.25	0.25			
*	X2502014	SEEDING, CLASS 4A (MODIFIED)	ACRE	0.25	0.25			
	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	10	10			

* SPECIALTY ITEMS

MODEL D:\m\h\11
FILE NAME: W0357029 MHS-BLA IDOT V03-7 IL 19ICADD_Sheets\016021-1-ht-summary_of_quantities.dgn



USER NAME = WTeng	DESIGNED - WINSON TENG	REVISED -
	DRAWN - WINSON TENG	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - MATTHEW CESARIO	REVISED -
PLOT DATE = 6/20/2020	DATE - 06/05/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 19 AT JUDD AVENUE
SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET 13 OF 15 SHEETS STA. N/A TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	16
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE						
				ROADWAY		ROADWAY		TRAFFIC SIGNALS		EVP
				0004		0004		0021		0021
				80% FED	20% STATE	100% VILLAGE		80% FED	10% STATE	10% VILLAGE
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	4	4						
X5509900	ABANDON AND FILL EXISTING STORM SEWER	FOOT	111	111						
X6020094	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1	1						
X6020294	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1	1						
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	35	35						
X6640306	CHAIN LINK FENCE TO BE RELOCATED	FOOT	768	768						
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1						
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	4913	4913						
X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	140	140						
X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1	1						
* X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	4302			4302				
* X8760055	PEDESTRIAN PUSH-BUTTON POST, TYPE A	EACH	2			2				
Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	25	25						
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1						

* SPECIALTY ITEMS

MODEL: D:\m\bl\19\CADD_Sheets\16021-1-19\summary_of_quantities.dgn



USER NAME = WTeng	DESIGNED - WINSON TENG	REVISED -
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PLOT SCALE = 100.0000' / in.	CHECKED - MATTHEW CESARIO	REVISED -
PLOT DATE = 6/20/2020	DATE - 06/05/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 19 AT JUDD AVENUE
SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET 14 OF 15 SHEETS STA. N/A TO STA. N/A

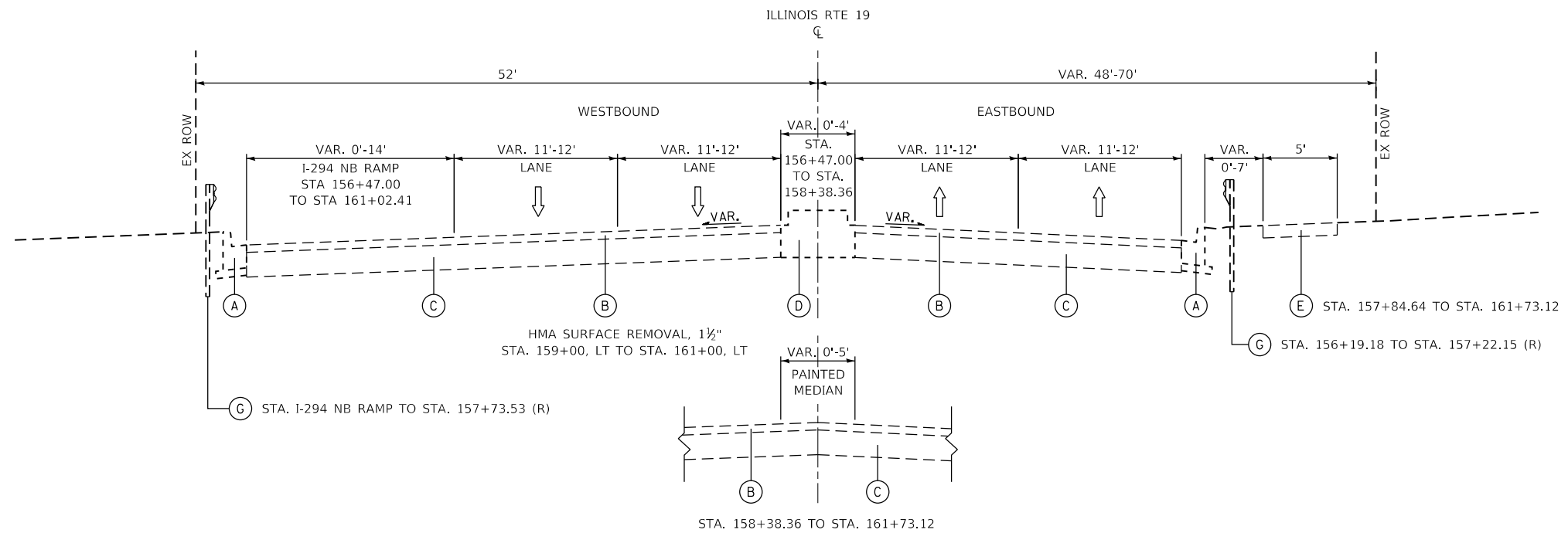
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	17
CONTRACT NO. 60Y21				
ILLINOIS		FED. AID PROJECT		

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CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE				
				ROADWAY		TRAFFIC SIGNALS		EVP
				0004		0021		0021
				80% FED 20% STATE	100% VILLAGE	80% FED 10% STATE 10% VILLAGE	100% VILLAGE	
* Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	113	113				
* Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	2			2		
Z0038123	PORTLAND CEMENT CONCRETE SURFACE REMOVAL 2 1/2"	SQ YD	137	137				
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	388	388				
Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	215	215				
Z0056620	STORM SEWER (WATER MAIN REQUIREMENTS) 30 INCH	FOOT	379	379				
Z0056622	STORM SEWER (WATER MAIN REQUIREMENTS) 36 INCH	FOOT	93	93				
Z0062456	TEMPORARY PAVEMENT	SQ YD	180	180				
* Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2			2		
Ø Z0076600	TRAINEES	HOUR	500	500				
Ø Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	500	500				

* SPECIALTY ITEMS

REV-SEP
 Ø 0042



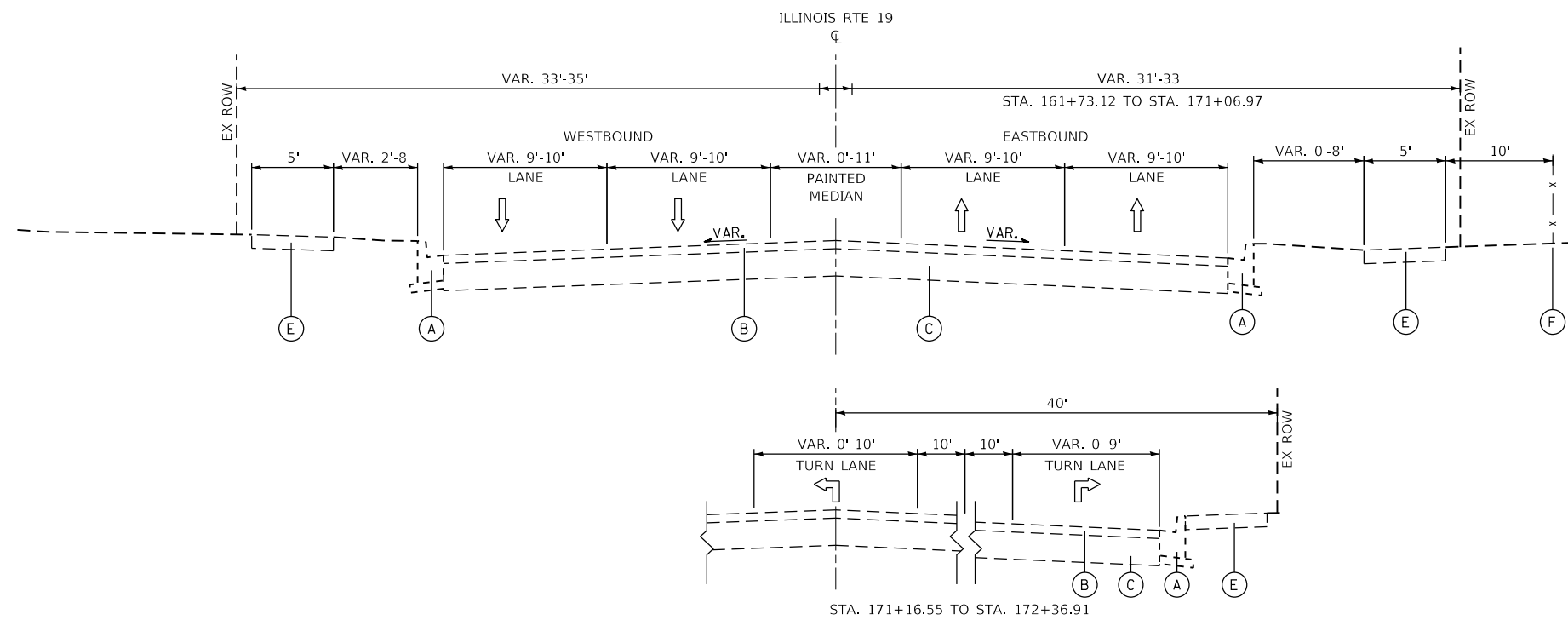
EXISTING ILLINOIS RTE 19

STA. 156+47.00 TO STA. 161+73.12

EXISTING LEGEND

- (A) EX. COMB. CONCRETE CURB & GUTTER TY. B-6.12 (R)
- (B) EX. HMA SURFACE COURSE, 2 1/2" TO 5" (R 2 1/2" OR 1 1/2")
- (C) EX. P.C.C. PAVEMENT 10" ((R) AS SHOWN ON THE REMOVAL PLAN)
- (D) EX. CONCRETE BARRIER MEDIAN (R)
- (E) EX. P.C.C. SIDEWALK (R)
- (F) EX. CHAIN LINK FENCE TO BE RELOCATED
- (G) EX. GUARDRAIL

ITEMS WITH (R) ARE TO BE REMOVED AS SHOWN ON THE TYPICAL SECTIONS AND/OR ON THE REMOVAL PLAN SHEETS.
EXISTING GUARDRAIL AND TERMINAL BARRIERS TO BE REMOVED SHALL BE PAID FOR AS "GUARDRAIL REMOVAL"



EXISTING ILLINOIS RTE 19

STA. 161+73.12 TO STA. 172+36.91

MODEL: D:\p\bl\19\CADD_Sheets\16021-1b-typral_sections.dgn
FILE NAME: W0357029 MFS-BLA IDOT Var W03.7 IL 19\CADD_Sheets\16021-1b-typral_sections.dgn



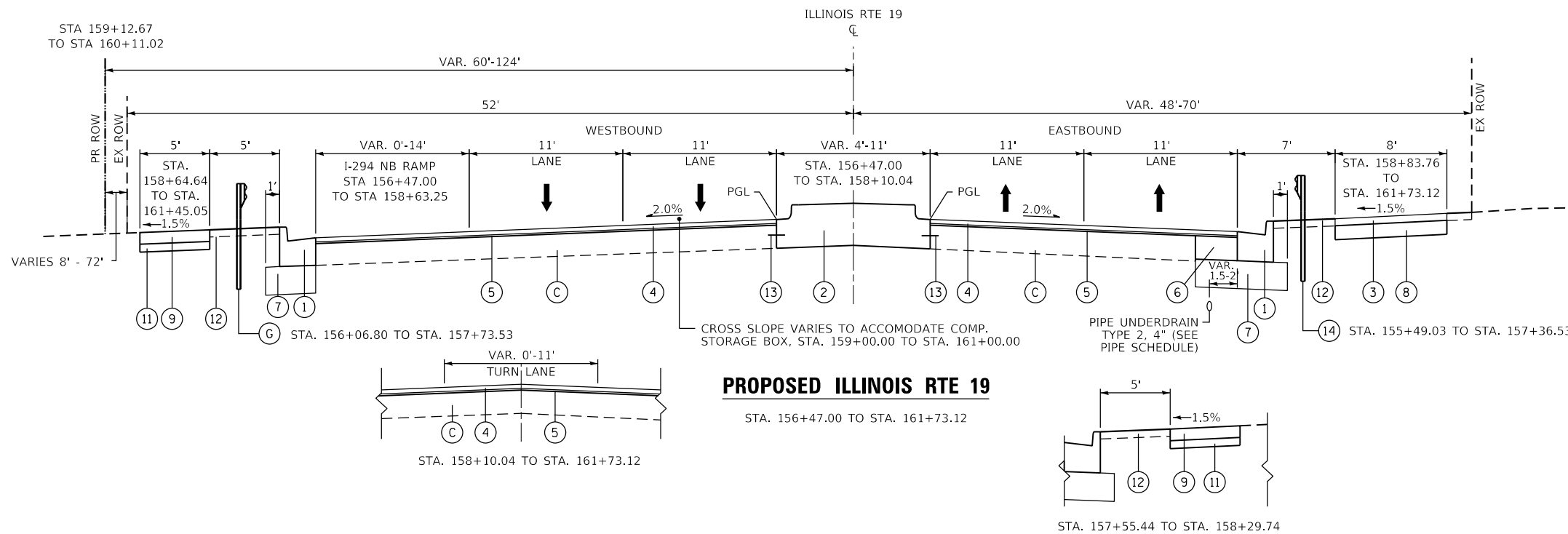
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	DRAWN - WINSON TENG	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - MATTHEW CESARIO	REVISED -
PLOT DATE = 6/20/2020	DATE - 06/05/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 19 AT JUDD AVENUE
EXISTING TYPICAL SECTIONS**

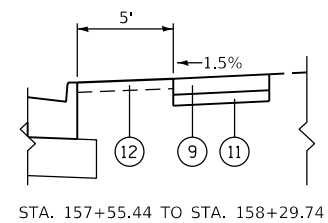
SCALE: N.T.S. SHEET 1 OF 2 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	19
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				



PROPOSED ILLINOIS RTE 19

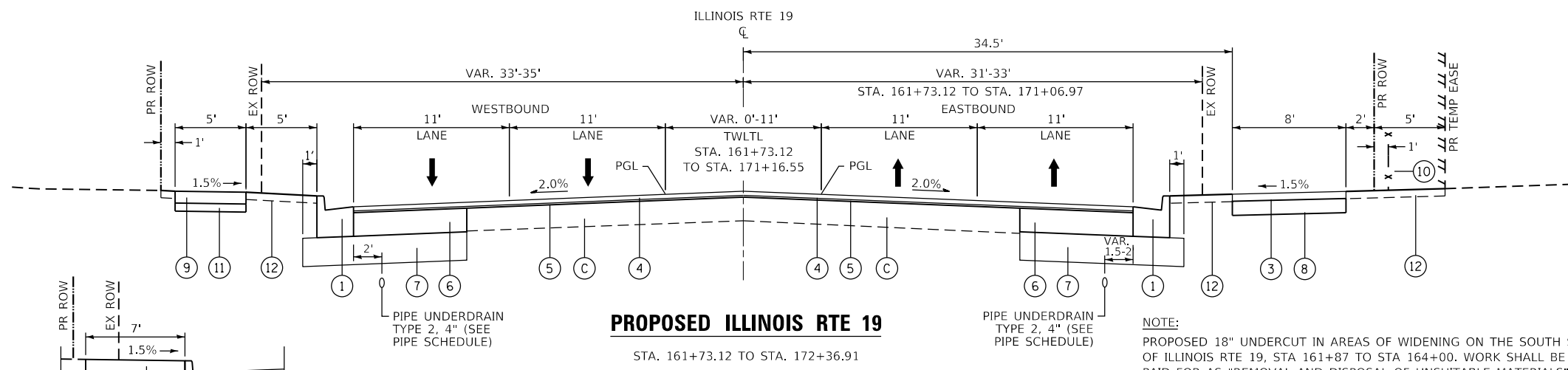
STA. 156+47.00 TO STA. 161+73.12



*CONTRACTOR SHALL PATCH FIRST BEFORE MILLING

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
PAVEMENT RESURFACING		
POLYMERIZED HMA SURFACE COURSE, SMA, 1L-9.5mm, MIX "F", N80 (1 3/4")	3.5% @ 80 GYR	QC/QA
POLYMERIZED HMA BINDER COURSE, 1L 4.75, N50 (3/4")	3.5% @ 50 GYR	QC/QA
PAVEMENT WIDENING		
POLYMERIZED HMA SURFACE COURSE, SMA, 1L-9.5mm, MIX "F", N80 (1 3/4")	3.5% @ 80 GYR	QC/QA
POLYMERIZED HMA BINDER COURSE, 1L 4.75, N50 (3/4")	3.5% @ 50 GYR	QC/QA
HOT-MIX ASPHALT BASE COURSE, 10" (HMA BINDER 1L-19.0, N90)	4% @ 90 GYR	QC/QA
HOT-MIX ASPHALT BASE COURSE WIDENING, 10" (HMA BINDER 1L-19.0, N90)	4% @ 90 GYR	QC/QA
TEMPORARY PAVEMENT		
HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N70 (10")	4% @ 70 GYR	QC/QA
SHARED-USE PATH		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", 1L-9.5, N50 (3")	4% @ 50 GYR	QC/QA
DRIVEWAYS; PE & CE		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", 1L-9.5, N50 (3")	4% @ 50 GYR	QC/QA
HOT-MIX ASPHALT BASE COURSE (HMA BINDER 1L-19 mm); PE 6", CE 8"	4% @ 50 GYR	QC/QA
PATCHING		
CLASS D PATCHES (HMA BINDER 1L-19 mm)	4% @ 70 GYR	QC/QA
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA BINDER 1L-19 mm)	4% @ 70 GYR	QC/QA

QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA)



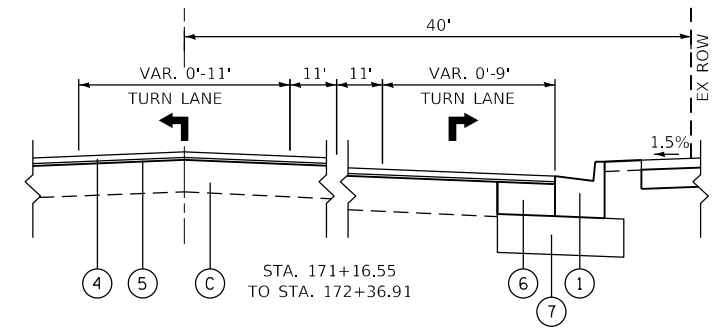
PROPOSED ILLINOIS RTE 19

STA. 161+73.12 TO STA. 172+36.91

NOTE:
PROPOSED 18" UNDERCUT IN AREAS OF WIDENING ON THE SOUTH SIDE OF ILLINOIS RTE 19, STA 161+87 TO STA 164+00. WORK SHALL BE PAID FOR AS "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS" AND "AGGREGATE SUBGRADE IMPROVEMENT". REFER TO GENERAL NOTES #24 AND 25, THE REMOVAL PLAN, AND THE PLAN AND PROFILE SHEETS.

STRUCTURAL PAVEMENT DESIGN INFORMATION BLOCK

STRUCTURAL DESIGN TRAFFIC:	Year	2026
	PV =	33,707
	SU =	2,520
	MU =	1,959
ROAD/STREET CLASSIFICATION:	Class	I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
	P =	32%
	S =	45%
	M =	45%
TRAFFIC FACTOR:	Actual TF =	11.55
	Minimum TF =	3.56
SUBGRADE SUPPORT RATING:		
	SSR =	POOR (Sta. 156+47.00 to 172+36.91) IL RTE. 19



* BINDER COURSE SHALL BE PAID FOR AS EITHER:
"HMA BASE COURSE WIDENING, 10 INCH" - FOR WIDENING 6 FT OR LESS
"HMA BASE COURSE, 10 INCH" - FOR WIDENING GREATER THAN 6 FT

PR. LONGITUDINAL CONSTRUCTION JOINTS WITH NO. 6X24 EPOXY COATED TIEBARS @ 24" CENTERS SHALL BE INCLUDED IN THE COST OF THE PROPOSED MEDIAN

PROPOSED LEGEND

- ① PR. COMB. CONCRETE CURB & GUTTER, TY. B-6.24
- ② PR. CONCRETE MEDIAN, TY. SB-6.12
- ③ PR. HMA SURFACE COURSE, MIX "D", IL-9.5, N50 (3")
- ④ PR. POLYMERIZED HMA SURFACE COURSE, SMA 9.5, MIX "F", N80 (1 3/4")
- ⑤ PR. POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 (3/4")
- * ⑥ PR. HMA BINDER COURSE, IL-19.0, N90 (10")
- ⑦ PR. AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑧ PR. AGGREGATE BASE COURSE, TYPE B 6"
- ⑨ PR. PCC SIDEWALK 5"
- ⑩ PR. CHAIN LINK FENCE TO BE RELOCATED
- ⑪ PR. AGGREGATE BASE COURSE TY B, 4"
- ⑫ PR. TOPSOIL FURNISH AND PLACE, 9"
- ⑬ PR. LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6X24 EPOXY COATED TIEBARS @ 24" CENTERS
- ⑭ PR. STEEL PLATE BEAM GUARDRAIL

NOTES:
 THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES 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 DISTRICT ONE SPECIAL PROVISIONS.
 FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.
 QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.
 THE CONTRACTOR SHALL HAVE THE OPTION OF USING PCC PAVEMENT 8" OR HMA PAVEMENT 10" FOR TEMPORARY PAVEMENT AS SPECIFIED IN THE SPECIAL PROVISIONS AND THE MIXTURE TABLE ON THIS SHEET. EITHER OPTION SHALL BE PLACED ON 4" SUBBASE GRANULAR MATERIAL, TYPE B (CA-6).
 PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS. TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.

MODEL: D:\64bit\... FILE NAME: W0357029_MHS-BLA_IDOT_V03.7_IL_19ICADD_Sheets\0160271-18-24\Hydral_sections.dgn



USER NAME =	WTeng	DESIGNED -	WINSON TENG	REVISED -	
		DRAWN -	WINSON TENG	REVISED -	
PLOT SCALE =	100.0000' / in.	CHECKED -	MATTHEW CESARIO	REVISED -	
PLOT DATE =	6/20/2020	DATE -	06/05/2020	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 19 AT JUDD AVENUE
PROPOSED TYPICAL SECTIONS**

SCALE: N.T.S. SHEET 2 OF 2 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	20
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				

TREE REMOVAL SCHEDULE (6-15 UNITS)			
NO.	STATION	OFFSET	QUANTITY (UNIT)
1	159+33.49	43.53' RT	7
2	159+43.65	72.15' LT	10
3	159+51.19	72.88' LT	6
4	159+56.04	42.91' RT	9
5	160+24.43	43.68' RT	9
6	161+10.25	42.06' RT	11
7	162+44.96	35.66' RT	9
8	162+80.05	36.45' RT	9
9	163+26.97	36.87' RT	9
10	163+70.39	26.24' LT	45 (15"x3)
11	163+77.02	36.30' RT	9
12	164+23.93	36.31' RT	9
13	164+77.18	36.90' RT	7
14	164+92.04	26.13' LT	15
15	165+27.47	36.83' RT	9
16	165+59.84	25.93' LT	13
17	165+77.96	37.23' RT	9
18	166+39.43	50.51' LT	13
19	166+78.04	37.77' RT	9
20	167+05.62	25.87' LT	15
21	167+28.75	36.81' RT	9
22	167+76.36	38.18' RT	9
TOTAL			250

TREE REMOVAL SCHEDULE (OVER 15 UNITS)			
NO.	STATION	OFFSET	QUANTITY (UNIT)
1	159+47.53	72.75' LT	16
2	167+03.15	40.75' LT	29
3	168+22.19	45.25' RT	23
4	168+58.27	41.90' RT	37
TOTAL			105

LOCATION STATION-STATION	HMA BASE COURSE, 10" (SQ YD)	HMA BASE COURSE WIDENING, 10" (SQ YD)	BITUMINOUS MATERIALS (TACK COAT) (POUND)	POLY HMA BINDER COURSE, IL-4.75, N50 (TON)	HMA SURFACE COURSE, MIX "D", N50 (TON)	POLY HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80 (TON)
156+47 - 161+00 RT		91	1087	61	44	145
156+47 - 161+00 LT	118		1035	61		145
161+00 - 165+00 RT	271	29	913	54	56	128
161+00 - 165+00 LT	295	6	993	59	5	140
165+00 - 169+00 RT	335	22	836	50	61	119
165+00 - 169+00 LT	339	21	962	59		140
169+00 - 172+36.91 RT		105	735	46	42	109
169+00 - 172+36.91 LT		123	783	45		107
TOTAL	1358	397	7344	435	208	1033

PROPOSED DRIVEWAY PAVEMENT					
LOCATION STATION-STATION	HMA SURFACE COURSE, MIX "D", N50 (TON)*	HMA BASE COURSE, 6" (SQ YD)	HMA BASE COURSE, 8" (SQ YD)	PCC DRIVEWAY PAVEMENT, 6" (SQ YD)	PCC DRIVEWAY PAVEMENT, 8" (SQ YD)
157+49.22 RT				26	
159+09.33 RT					66
159+81.97 RT					58
160+66.03 RT	9.3		83		
161+52.60 RT	1.7		15		
162+20.00 LT	2.3	20			
162+92.21 LT	2.3	20			
163+42.27 LT				20	
163+92.60 LT				20	
164+42.23 LT				21	
167+48.90 LT				33	
168+11.19 LT				23	
168+88.08 LT				19	
169+68.14 RT				113	
171+64.88 LT					50
TOTAL	15.6	40	98	275	174

* QUANTITY IS INCLUDED IN THE TOTAL 208 TONS OF "HMA SURFACE COURSE, MIX D, N50"

LOCATION STATION-STATION	THERMOPLASTIC PAVEMENT MARKING				
	4" (FT)	6" (FT)	12" (FT)	24" (FT)	LETTERS & SYM. (SQ FT)
154+00 - 161+00 RT	513	149	211	41	29
154+00 - 161+00 LT	315	440	117	28	29
161+00 - 165+00 RT	422	26	82		31
161+00 - 165+00 LT	558		98	14	31
165+00 - 169+00 RT	507				39
165+00 - 169+00 LT	546		99	14	39
169+00 - 175+00 RT	496				
169+00 - 175+00 LT	828		99	14	
TOTAL	4185	615	706	111	198

LOCATION STATION-STATION	PCC SIDEWALK, 5" (SQ FT)	CONCRETE CURB, TY. B (FOOT)	COMB. CURB & GUTTER, TY. B-6.24 (FOOT)
156+47 - 161+00 RT	637	80	477
156+47 - 161+00 LT	1217		437
161+00 - 165+00 RT	133		416
161+00 - 165+00 LT	1569		425
165+00 - 169+00 RT			400
165+00 - 169+00 LT	1682		424
169+00 - 172+36.91 RT		58	337
169+00 - 172+36.91 LT	1537	39	362
TOTAL	6775	177	3278

LOCATION STATION-STATION	SODDING, SALT TOLERANT (SQ YD)	SEEDING, CL 4A & 5A (MODIFIED) (ACRE)	TOPSOIL FURNISH AND PLACE, 9" (SQ YD)
155+00 - 161+00 RT	690		690
155+00 - 161+00 LT	779	0.25	1190
161+00 - 165+00 RT	470		470
161+00 - 165+00 LT	349		349
165+00 - 169+00 RT	506		506
165+00 - 169+00 LT	297		297
169+00 - 172+36.91 RT	334		334
169+00 - 172+36.91 LT	202		202
TOTAL	3627	0.25	4038

LOCATION STATION-STATION	INLET FILTER (EA)
156+47 - 161+00 RT	7
156+47 - 161+00 LT	5
161+00 - 165+00 RT	6
161+00 - 165+00 LT	5
165+00 - 169+00 RT	6
165+00 - 169+00 LT	5
169+00 - 172+36.91 RT	9
169+00 - 172+36.91 LT	8
TOTAL	51

REMOVING MANHOLES (EA)			
STATION	OFFSET	QUANTITY	
171+21	25 LT	1	
TOTAL			1

REMOVING CATCH BASINS (EA)			
STATION	OFFSET	QUANTITY	
159+45	31 RT	1	
161+80	46 LT	1	
161+98	22 LT	1	
162+03	23 RT	1	
166+37	24 LT	1	
TOTAL			5

FRAMES AND LIDS TO BE ADJUSTED (SPECIAL) (EA)		
STATION	OFFSET	QUANTITY
156+66	32 RT	1
156+73	35 RT	1
157+65	44 LT	1
157+98	32 RT	1
158+21	43 RT	1
158+61	47 RT	1
158+66	39 RT	1
158+70	44 RT	1
159+45	31 RT	1
160+18	33 RT	1
161+40	35 LT	1
161+56	36 RT	1
161+62	28 RT	1
161+90	24 LT	1
161+90	51 LT	1
161+94	9 RT	1
162+87	9 RT	1
164+16	9 RT	1
165+63	24 RT	1
165+89	31 LT	1
166+07	39 LT	1
166+10	33 LT	1
166+16	10 RT	1
168+33	37 LT	1
168+35	7 RT	1
168+50	10 RT	1
170+36	18 LT	1
170+36	18 RT	1
170+45	8 LT	1
170+49	45 LT	1
170+76	40 LT	1
170+77	13 RT	1
170+79	30 RT	1
170+81	25 LT	1
170+93	38 LT	1
TOTAL		35

REMOVING INLETS (EA)			
STATION	OFFSET	QUANTITY	
158+12	40 LT	1	
159+45	27 RT	1	
160+01	27 RT	1	
161+48	45 LT	1	
169+15	25 RT	1	
169+20	25 LT	1	
170+33	25 RT	1	
171+19	26 RT	1	
TOTAL			8

MODEL: D:\p\bl\19\19CADDD_Sheets\19021-1-sh-schedule of quantities.dgn



USER NAME = WTeng	DESIGNED - WINSON TENG	REVISED -
	DRAWN - WINSON TENG	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - MATTHEW CESARIO	REVISED -
PLOT DATE = 6/20/2020	DATE - 06/05/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 19 AT JUDD AVENUE
SCHEDULE OF QUANTITIES**

SCALE: N.T.S. SHEET 1 OF 4 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	21
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				

STAGE 1 EARTHWORK SCHEDULE

STA	ILLINOIS ROUTE 19 EARTH EXCAVATION				
	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
156+47.04	0.0				
		0.00	2.96	0.00	0.00
156+50.00	0.0	1.25	50.00	62.50	2.31
157+00.00	2.5	2.45	50.00	122.50	4.54
157+50.00	2.4	2.35	50.00	117.50	4.35
158+00.00	2.3	35.70	50.00	1785.00	66.11
158+50.00	69.1	69.15	50.00	3457.50	128.06
159+00.00	69.2	69.10	9.33	644.70	23.88
159+09.33	69.0	104.70	40.67	4258.15	157.71
159+50.00	140.4	157.70	31.97	5041.67	186.73
159+81.97	175.0	146.05	18.03	2633.28	97.53
160+00.00	117.1	72.15	50.00	3607.50	133.61
160+50.00	27.2	27.20	16.03	436.02	16.15
160+66.03	27.2	27.30	33.97	927.38	34.35
161+00.00	27.4	34.45	50.00	1722.50	63.80
161+50.00	41.5	35.45	23.12	819.60	30.36
161+73.12	29.4	30.55	26.88	821.18	30.41
162+00.00	31.7	28.80	20.00	576.00	21.33
162+20.00	25.9	25.40	30.00	762.00	28.22
162+50.00	24.9	25.45	42.21	1074.24	39.79
162+92.21	26.0	25.15	7.79	195.92	7.26
163+00.00	24.3	22.55	42.27	953.19	35.30
163+42.27	20.8	20.55	7.73	158.85	5.88
163+50.00	20.3	19.00	42.60	809.40	29.98
163+92.60	17.7	15.40	7.40	113.96	4.22
164+00.00	13.1	15.80	42.23	667.23	24.71
164+42.23	18.5	16.85	7.77	130.92	4.85
164+50.00	15.2	18.35	50.00	917.50	33.98
165+00.00	21.5	18.10	50.00	905.00	33.52
165+50.00	14.7	32.55	50.00	1627.50	60.28
166+00.00	50.4	25.20	10.63	267.88	9.92
166+10.63	0.0	9.60	39.37	377.95	14.00
166+50.00	19.2	17.60	50.00	880.00	32.59
167+00.00	16.0	19.25	50.00	962.50	35.65
167+50.00	22.5	22.50	50.00	1125.00	41.67
168+00.00	22.5	22.20	11.19	248.42	9.20
168+11.19	21.9	17.15	38.81	665.59	24.65

STA	ILLINOIS ROUTE 19 FURNISHED EXCAVATION				
	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
156+47.04	0.0				
		0.00	2.96	0.00	0.00
156+50.00	0.0	1.45	50.00	72.50	2.69
157+00.00	2.9	4.20	50.00	210.00	7.78
157+50.00	5.5	15.00	50.00	750.00	27.78
158+00.00	24.5	19.25	50.00	962.50	35.65
158+50.00	14.0	13.65	50.00	682.50	25.28
159+00.00	13.3	13.30	9.33	124.09	4.60
159+09.33	13.3	12.50	40.67	508.38	18.83
159+50.00	11.7	11.30	31.97	361.26	13.38
159+81.97	10.9	10.70	18.03	192.92	7.15
160+00.00	10.5	9.10	50.00	455.00	16.85
160+50.00	7.7	6.70	16.03	107.40	3.98
160+66.03	5.7	5.60	33.97	190.23	7.05
161+00.00	5.5	6.05	50.00	302.50	11.20
161+50.00	6.6	6.15	23.12	142.19	5.27
161+73.12	5.7	3.30	26.88	88.70	3.29
162+00.00	0.9	0.55	20.00	11.00	0.41
162+20.00	0.2	1.15	30.00	34.50	1.28
162+50.00	2.1	1.05	42.21	44.32	1.64
162+92.21	0.0	0.60	7.79	4.67	0.17
163+00.00	1.2	1.20	42.27	50.72	1.88
163+42.27	1.2	1.50	7.73	11.59	0.43
163+50.00	1.8	0.95	42.60	40.47	1.50
163+92.60	0.1	0.85	7.40	6.29	0.23
164+00.00	1.6	0.80	42.23	33.78	1.25
164+42.23	0.0	0.65	7.77	5.05	0.19
164+50.00	1.3	1.25	50.00	62.50	2.31
165+00.00	1.2	1.50	50.00	75.00	2.78
165+50.00	1.8	2.65	50.00	132.50	4.91
166+00.00	3.5	1.75	10.63	18.60	0.69
166+10.63	0.0	0.65	39.37	25.59	0.95
166+50.00	1.3	1.45	50.00	72.50	2.69
167+00.00	1.6	0.80	50.00	40.00	1.48
167+50.00	0.0	0.60	50.00	30.00	1.11
168+00.00	1.2	2.60	11.19	29.09	1.08
168+11.19	4.0	3.75	38.81	145.54	5.39

STA	ILLINOIS ROUTE 19 TOPSOIL EXCAVATION				
	UNSUIT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
156+47.04	0.0				
		0.00	2.96	0.00	0.00
156+50.00	0.0	2.70	50.00	135.00	5.00
157+00.00	5.4	5.60	50.00	280.00	10.37
157+50.00	5.8	9.10	50.00	455.00	16.85
158+00.00	12.4	9.00	50.00	450.00	16.67
158+50.00	5.6	6.15	50.00	307.50	11.39
159+00.00	6.7	6.85	9.33	63.91	2.37
159+09.33	7.0	17.45	40.67	709.69	26.28
159+50.00	27.9	39.95	31.97	1277.20	47.30
159+81.97	52.0	56.50	18.03	1018.70	37.73
160+00.00	61.0	37.55	50.00	1877.50	69.54
160+50.00	14.1	14.35	16.03	230.03	8.52
160+66.03	14.6	15.15	33.97	514.65	19.06
161+00.00	15.7	7.85	50.00	392.50	14.54
161+50.00	0.0	0.00	23.12	0.00	0.00
161+73.12	0.0	5.00	26.88	134.40	4.98
162+00.00	10.0	5.00	20.00	100.00	3.70
162+20.00	0.0	5.65	30.00	169.50	6.28
162+50.00	11.3	5.65	42.21	238.49	8.83
162+92.21	0.0	4.00	7.79	31.16	1.15
163+00.00	8.0	4.00	42.27	169.08	6.26
163+42.27	0.0	4.10	7.73	31.69	1.17
163+50.00	8.2	4.10	42.60	174.66	6.47
163+92.60	0.0	4.70	7.40	34.78	1.29
164+00.00	9.4	4.70	42.23	198.48	7.35
164+42.23	0.0	3.60	7.77	27.97	1.04
164+50.00	7.2	9.30	50.00	465.00	17.22
165+00.00	11.4	11.40	50.00	570.00	21.11
165+50.00	11.4	14.10	50.00	705.00	26.11
166+00.00	16.8	8.40	10.63	89.29	3.31
166+10.63	0.0	5.85	39.37	230.31	8.53
166+50.00	11.7	11.85	50.00	592.50	21.94
167+00.00	12.0	6.00	50.00	300.00	11.11
167+50.00	0.0	5.80	50.00	290.00	10.74
168+00.00	11.6	9.95	11.19	111.34	4.12
168+11.19	8.3	9.10	38.81	353.17	13.08

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USER NAME = WTeng	DESIGNED - WINSON TENG	REVISED -
	DRAWN - WINSON TENG	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - MATTHEW CESARIO	REVISED -
PLOT DATE = 6/20/2020	DATE - 06/05/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 19 AT JUDD AVENUE SCHEDULE OF QUANTITIES			
SCALE: N.T.S.	SHEET 2 OF 4 SHEETS	STA. N/A	TO STA. N/A

F.A.P. RTE. 345	SECTION 3058A-N(14)	COUNTY COOK	TOTAL SHEETS 106	SHEET NO. 22
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				

STAGE 1 EARTHWORK SCHEDULE

STA	ILLINOIS ROUTE 19 EARTH EXCAVATION				
	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
168+50.00	12.4				
		11.30	38.08	430.30	15.94
168+88.08	10.2				
		9.35	11.92	111.45	4.13
169+00.00	8.5				
		8.35	50.00	417.50	15.46
169+50.00	8.2				
		8.35	18.14	151.47	5.61
169+68.14	8.5				
		9.10	31.86	289.93	10.74
170+00.00	9.7				
		12.20	50.00	610.00	22.59
170+50.00	14.7				
		7.35	13.35	98.12	3.63
170+63.35	0.0				
		10.45	36.65	382.99	14.18
171+00.00	20.9				
		20.25	50.00	1012.50	37.50
171+50.00	19.6				
		17.20	14.88	255.94	9.48
171+64.88	14.8				
		10.05	35.12	352.96	13.07
172+00.00	5.3				
		4.60	36.91	169.79	6.29
172+36.91	3.9				
				TOTAL	1635.52

STA	ILLINOIS ROUTE 19 FURNISHED EXCAVATION				
	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
168+50.00	3.5				
		2.80	38.08	106.62	3.95
168+88.08	2.1				
		2.30	11.92	27.42	1.02
169+00.00	2.5				
		2.10	50.00	105.00	3.89
169+50.00	1.7				
		1.15	18.14	20.86	0.77
169+68.14	0.6				
		0.30	31.86	9.56	0.35
170+00.00	0.0				
		0.00	50.00	0.00	0.00
170+50.00	0.0				
		0.00	13.35	0.00	0.00
170+63.35	0.0				
		0.00	36.65	0.00	0.00
171+00.00	0.0				
		0.00	50.00	0.00	0.00
171+50.00	0.0				
		0.10	14.88	1.49	0.06
171+64.88	0.2				
		0.15	35.12	5.27	0.20
172+00.00	0.1				
		0.45	36.91	16.61	0.62
172+36.91	0.8				
				TOTAL	233.95

STA	ILLINOIS ROUTE 19 TOPSOIL EXCAVATION				
	UNSUIT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
168+50.00	9.9				
		7.65	38.08	291.31	10.79
168+88.08	5.4				
		6.70	11.92	79.86	2.96
169+00.00	8.0				
		7.80	50.00	390.00	14.44
169+50.00	7.6				
		7.60	18.14	137.86	5.11
169+68.14	7.6				
		7.55	31.86	240.54	8.91
170+00.00	7.5				
		7.25	50.00	362.50	13.43
170+50.00	7.0				
		3.50	13.35	46.72	1.73
170+63.35	0.0				
		4.60	36.65	168.59	6.24
171+00.00	9.2				
		10.10	50.00	505.00	18.70
171+50.00	11.0				
		5.50	14.88	81.84	3.03
171+64.88	0.0				
		1.85	35.12	64.97	2.41
172+00.00	3.7				
		3.05	36.91	112.58	4.17
172+36.91	2.4				
				TOTAL	563.34

STAGE 2 EARTHWORK SCHEDULE

STA	ILLINOIS ROUTE 19 EARTH EXCAVATION				
	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
156+47.04	2.4				
		2.75	2.96	8.14	0.30
156+50.00	3.1				
		4.10	50.00	205.00	7.59
157+00.00	5.1				
		5.50	50.00	275.00	10.19
157+50.00	5.9				
		6.65	50.00	332.50	12.31
158+00.00	7.4				
		3.70	50.00	185.00	6.85
158+50.00	0.0				
		4.10	50.00	205.00	7.59
159+00.00	8.2				
		8.35	9.33	77.91	2.89
159+09.33	8.5				
		8.20	40.67	333.49	12.35
159+50.00	7.9				
		7.35	31.97	234.98	8.70
159+81.97	6.8				
		7.90	18.03	142.44	5.28
160+00.00	9.0				
		8.95	50.00	447.50	16.57
160+50.00	8.9				
		8.60	16.03	137.86	5.11
160+66.03	8.3				
		9.20	33.97	312.52	11.57
161+00.00	10.1				
		11.85	50.00	592.50	21.94
161+50.00	13.6				
		8.95	23.12	206.92	7.66
161+73.12	4.3				
		14.55	26.88	391.10	14.49
162+00.00	24.8				
		24.70	20.00	494.00	18.30
162+20.00	24.6				
		26.30	30.00	789.00	29.22
162+50.00	28.0				
		30.50	42.21	1287.40	47.68

STA	ILLINOIS ROUTE 19 FURNISHED EXCAVATION				
	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
156+47.04	0.0				
		0.00	2.96	0.00	0.00
156+50.00	0.0				
		0.00	50.00	0.00	0.00
157+00.00	0.0				
		0.00	50.00	0.00	0.00
157+50.00	0.0				
		0.10	50.00	5.00	0.19
158+00.00	0.2				
		0.10	50.00	5.00	0.19
158+50.00	0.0				
		0.00	50.00	0.00	0.00
159+00.00	0.0				
		0.00	9.33	0.00	0.00
159+09.33	0.0				
		2.55	40.67	103.71	3.84
159+50.00	5.1				
		2.75	31.97	87.92	3.26
159+81.97	0.4				
		2.50	18.03	45.08	1.67
160+00.00	4.6				
		2.30	50.00	115.00	4.26
160+50.00	0.0				
		0.00	16.03	0.00	0.00
160+66.03	0.0				
		1.50	33.97	50.95	1.89
161+00.00	3.0				
		2.65	50.00	132.50	4.91
161+50.00	2.3				
		1.15	23.12	26.59	0.98
161+73.12	0.0				
		3.60	26.88	96.77	3.58
162+00.00	7.2				
		7.55	20.00	151.00	5.59
162+20.00	7.9				
		8.05	30.00	241.50	8.94
162+50.00	8.2				
		8.95	42.21	377.78	13.99

STA	ILLINOIS ROUTE 19 TOPSOIL EXCAVATION				
	UNSUIT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
156+47.04	1.5				
		1.60	2.96	4.74	0.18
156+50.00	1.7				
		2.15	50.00	107.50	3.98
157+00.00	2.6				
		1.30	50.00	65.00	2.41
157+50.00	0.0				
		3.40	50.00	170.00	6.30
158+00.00	6.8				
		3.40	50.00	170.00	6.30
158+50.00	0.0				
		0.00	50.00	0.00	0.00
159+00.00	0.0				
		0.00	9.33	0.00	0.00
159+09.33	0.0				
		4.90	40.67	199.28	7.38
159+50.00	9.8				
		4.90	31.97	156.65	5.80
159+81.97	0.0				
		5.30	18.03	95.56	3.54
160+00.00	10.6				
		5.30	50.00	265.00	9.81
160+50.00	0.0				
		0.00	16.03	0.00	0.00
160+66.03	0.0				
		5.70	33.97	193.63	7.17
161+00.00	11.4				
		5.70	50.00	285.00	10.56
161+50.00	0.0				
		0.00	23.12	0.00	0.00
161+73.12	0.0				
		6.60	26.88	177.41	6.57
162+00.00	13.2				
		14.15	20.00	283.00	10.48
162+20.00	15.1				
		15.35	30.00	460.50	17.06
162+50.00	15.6				
		15.95	42.21	673.25	24.94

MODEL Default
 FILE NAME: I:\CADD_Sheets\60Y21-sht-schedule of quantities.dgn



USER NAME = WTeng	DESIGNED - WINSON TENG	REVISED -
	DRAWN - WINSON TENG	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - MATTHEW CESARIO	REVISED -
PLOT DATE = 6/20/2020	DATE - 06/05/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 19 AT JUDD AVENUE
SCHEDULE OF QUANTITIES**

SCALE: N.T.S. SHEET 3 OF 4 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	23
CONTRACT NO. 60Y21				
ILLINOIS		FED. AID PROJECT		

STAGE 2 EARTHWORK SCHEDULE

STA	ILLINOIS ROUTE 19 EARTH EXCAVATION				
	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
162+92.21	33.0				
		33.45	7.79	260.58	9.65
163+00.00	33.9				
		34.50	42.27	1458.32	54.01
163+42.27	35.1				
		35.25	7.73	272.48	10.09
163+50.00	35.4				
		36.05	42.60	1535.73	56.88
163+92.60	36.7				
		36.80	7.40	272.32	10.09
164+00.00	36.9				
		28.90	42.23	1220.45	45.20
164+42.23	20.9				
		21.15	7.77	164.34	6.09
164+50.00	21.4				
		23.00	50.00	1150.00	42.59
165+00.00	24.6				
		25.00	50.00	1250.00	46.30
165+50.00	25.4				
		26.80	50.00	1340.00	49.63
166+00.00	28.2				
		28.45	10.63	302.42	11.20
166+10.63	28.7				
		29.95	39.37	1179.13	43.67
166+50.00	31.2				
		34.65	50.00	1732.50	64.17
167+00.00	38.1				
		34.00	50.00	1700.00	62.96
167+50.00	29.9				
		28.40	50.00	1420.00	52.59
168+00.00	26.9				
		25.70	11.19	287.58	10.65
168+11.19	24.5				
		21.50	38.81	834.42	30.90
168+50.00	18.5				
		16.55	38.08	630.22	23.34
168+88.08	14.6				
		14.15	11.92	168.67	6.25
169+00.00	13.7				
		11.35	50.00	567.50	21.02
169+50.00	9.0				
		10.75	18.14	195.00	7.22
169+68.14	12.5				
		10.55	31.86	336.12	12.45
170+00.00	8.6				
		9.65	50.00	482.50	17.87
170+50.00	10.7				
		11.20	13.35	149.52	5.54
170+63.35	11.7				
		10.75	36.65	393.99	14.59
171+00.00	9.8				
		9.60	50.00	480.00	17.78
171+50.00	9.4				
		8.75	14.88	130.20	4.82
171+64.88	8.1				
		6.55	35.12	230.04	8.52
172+00.00	5.0				
		4.25	36.91	156.87	5.81
172+36.91	3.5				
				TOTAL	998.49

STA	ILLINOIS ROUTE 19 FURNISHED EXCAVATION				
	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
162+92.21	9.7				
		9.90	7.79	77.12	2.86
163+00.00	10.1				
		8.85	42.27	374.09	13.86
163+42.27	7.6				
		7.50	7.73	57.97	2.15
163+50.00	7.4				
		7.25	42.60	308.85	11.44
163+92.60	7.1				
		6.85	7.40	50.69	1.88
164+00.00	6.6				
		5.65	42.23	238.60	8.84
164+42.23	4.7				
		4.45	7.77	34.58	1.28
164+50.00	4.2				
		2.95	50.00	147.50	5.46
165+00.00	1.7				
		1.30	50.00	65.00	2.41
165+50.00	0.9				
		0.45	50.00	22.50	0.83
166+00.00	0.0				
		0.00	10.63	0.00	0.00
166+10.63	0.0				
		0.05	39.37	1.97	0.07
166+50.00	0.1				
		0.05	50.00	2.50	0.09
167+00.00	0.0				
		0.05	50.00	2.50	0.09
167+50.00	0.1				
		0.10	50.00	5.00	0.19
168+00.00	0.1				
		0.55	11.19	6.15	0.23
168+11.19	1.0				
		1.65	38.81	64.04	2.37
168+50.00	2.3				
		2.25	38.08	85.68	3.17
168+88.08	2.2				
		2.40	11.92	28.61	1.06
169+00.00	2.6				
		1.95	50.00	97.50	3.61
169+50.00	1.3				
		0.80	18.14	14.51	0.54
169+68.14	0.3				
		2.75	31.86	87.62	3.25
170+00.00	5.2				
		4.80	50.00	240.00	8.89
170+50.00	4.4				
		3.40	13.35	45.39	1.68
170+63.35	2.4				
		3.45	36.65	126.44	4.68
171+00.00	4.5				
		5.00	50.00	250.00	9.26
171+50.00	5.5				
		5.65	14.88	84.07	3.11
171+64.88	5.8				
		5.80	35.12	203.70	7.54
172+00.00	5.8				
		4.95	36.91	182.70	6.77
172+36.91	4.1				
				TOTAL	160.89

STA	ILLINOIS ROUTE 19 TOPSOIL EXCAVATION				
	UNSUIT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
162+92.21	16.3				
		17.05	7.79	132.82	4.92
163+00.00	17.8				
		17.25	42.27	729.16	27.01
163+42.27	16.7				
		17.25	7.73	133.34	4.94
163+50.00	17.8				
		18.80	42.60	800.88	29.66
163+92.60	19.8				
		18.85	7.40	139.49	5.17
164+00.00	17.9				
		17.90	42.23	755.92	28.00
164+42.23	17.9				
		18.00	7.77	139.86	5.18
164+50.00	18.1				
		18.20	50.00	910.00	33.70
165+00.00	18.3				
		18.20	50.00	910.00	33.70
165+50.00	18.1				
		18.05	50.00	902.50	33.43
166+00.00	18.0				
		18.00	10.63	191.34	7.09
166+10.63	18.0				
		18.10	39.37	712.60	26.39
166+50.00	18.2				
		18.25	50.00	912.50	33.80
167+00.00	18.3				
		18.15	50.00	907.50	33.61
167+50.00	18.0				
		18.00	50.00	900.00	33.33
168+00.00	18.0				
		18.00	11.19	201.42	7.46
168+11.19	18.0				
		17.10	38.81	663.65	24.58
168+50.00	16.2				
		15.50	38.08	590.24	21.86
168+88.08	14.8				
		14.65	11.92	174.63	6.47
169+00.00	14.5				
		7.25	50.00	362.50	13.43
169+50.00	0.0				
		0.00	18.14	0.00	0.00
169+68.14	0.0				
		6.90	31.86	219.83	8.14
170+00.00	13.8				
		13.85	50.00	692.50	25.65
170+50.00	13.9				
		13.85	13.35	184.90	6.85
170+63.35	13.8				
		13.80	36.65	505.77	18.73
171+00.00	13.8				
		12.70	50.00	635.00	23.52
171+50.00	11.6				
		11.10	14.88	165.17	6.12
171+64.88	10.6				
		9.30	35.12	326.62	12.10
172+00.00	8.0				
		4.40	36.91	162.40	6.01
172+36.91	0.8				
				TOTAL	643.30

EARTH EX (CU YD)		ADJ 15% (CU YD)		EMBANKMENT (CU YD)		EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)		TOPSOIL EXCAV. (CU YD)	
STAGE I	STAGE II	STAGE I	STAGE II	STAGE I	STAGE II	STAGE I	STAGE II	STAGE I	STAGE II
1636	998	1390	849	234	161	1156	688	563	643

ITEM	STAGE 1	STAGE 2	TOTAL
EARTH EXCAVATION	1636	998	2634
TOPSOIL EXCAVATION	563	643	1207
FURNISHED EXCAVATION	0	0	0

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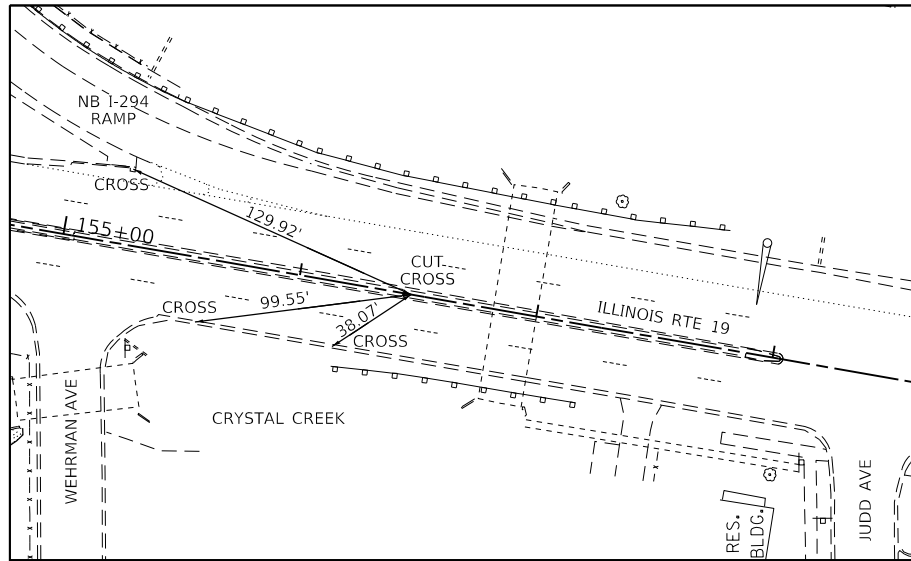
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PLOT DATE = 6/20/2020	DATE - 06/05/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

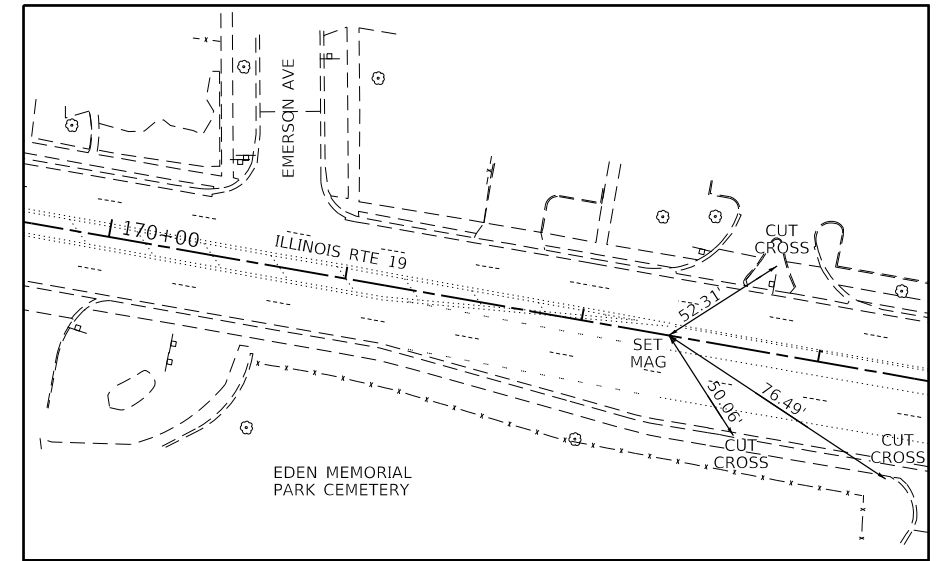
**IL RTE 19 AT JUDD AVENUE
SCHEDULE OF QUANTITIES**

SCALE: N.T.S. SHEET 4 OF 4 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	24
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				



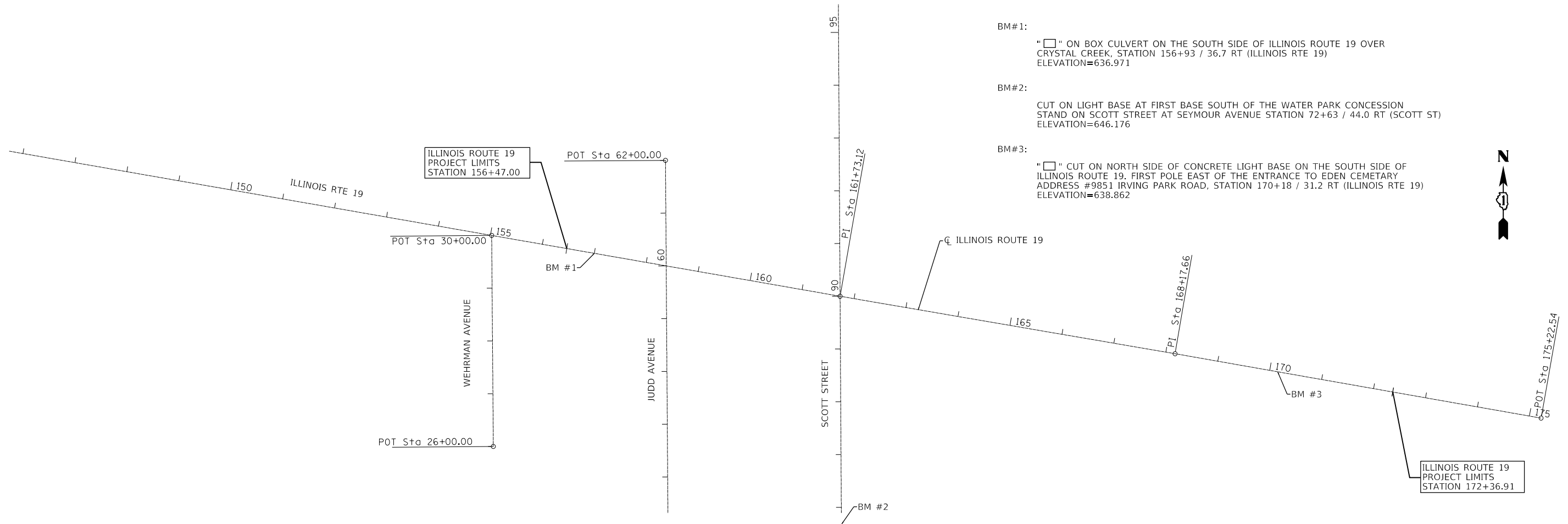
BEGIN PROJECT
 WEST TIE - STA. 156+47.00
 (CUT CROSS)
 N: 1927029.0130
 E: 1108149.0096



END PROJECT
 EAST TIE - STA. 172+36.91
 (SET MAG NAIL)
 N: 1926757.1050
 E: 1109715.4567

BENCHMARKS:

- BM#1:
 "□" ON BOX CULVERT ON THE SOUTH SIDE OF ILLINOIS ROUTE 19 OVER CRYSTAL CREEK, STATION 156+93 / 36.7 RT (ILLINOIS RTE 19)
 ELEVATION=636.971
- BM#2:
 CUT ON LIGHT BASE AT FIRST BASE SOUTH OF THE WATER PARK CONCESSION STAND ON SCOTT STREET AT SEYMOUR AVENUE STATION 72+63 / 44.0 RT (SCOTT ST)
 ELEVATION=646.176
- BM#3:
 "□" CUT ON NORTH SIDE OF CONCRETE LIGHT BASE ON THE SOUTH SIDE OF ILLINOIS ROUTE 19, FIRST POLE EAST OF THE ENTRANCE TO EDEN CEMETARY ADDRESS #9851 IRVING PARK ROAD, STATION 170+18 / 31.2 RT (ILLINOIS RTE 19)
 ELEVATION=638.862



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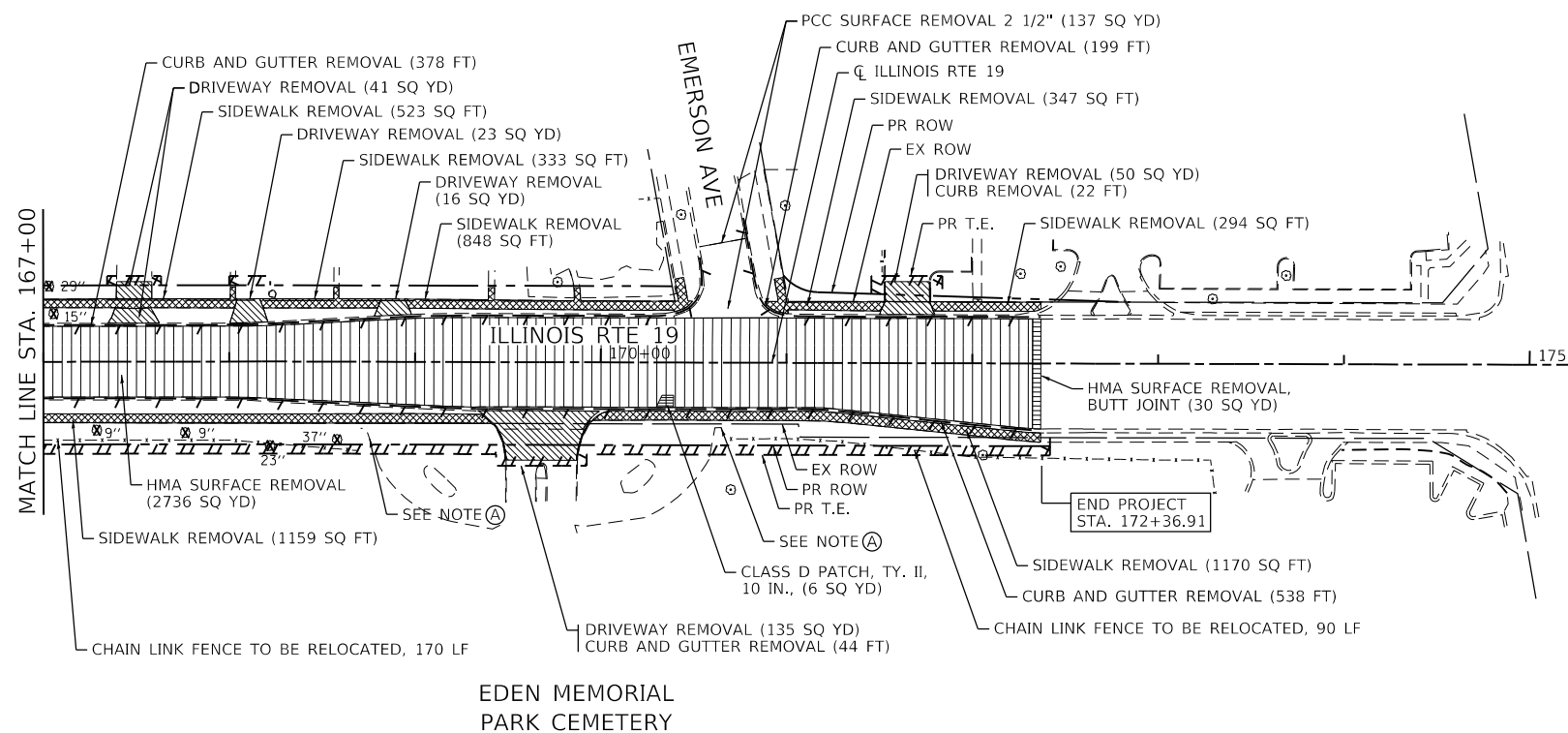
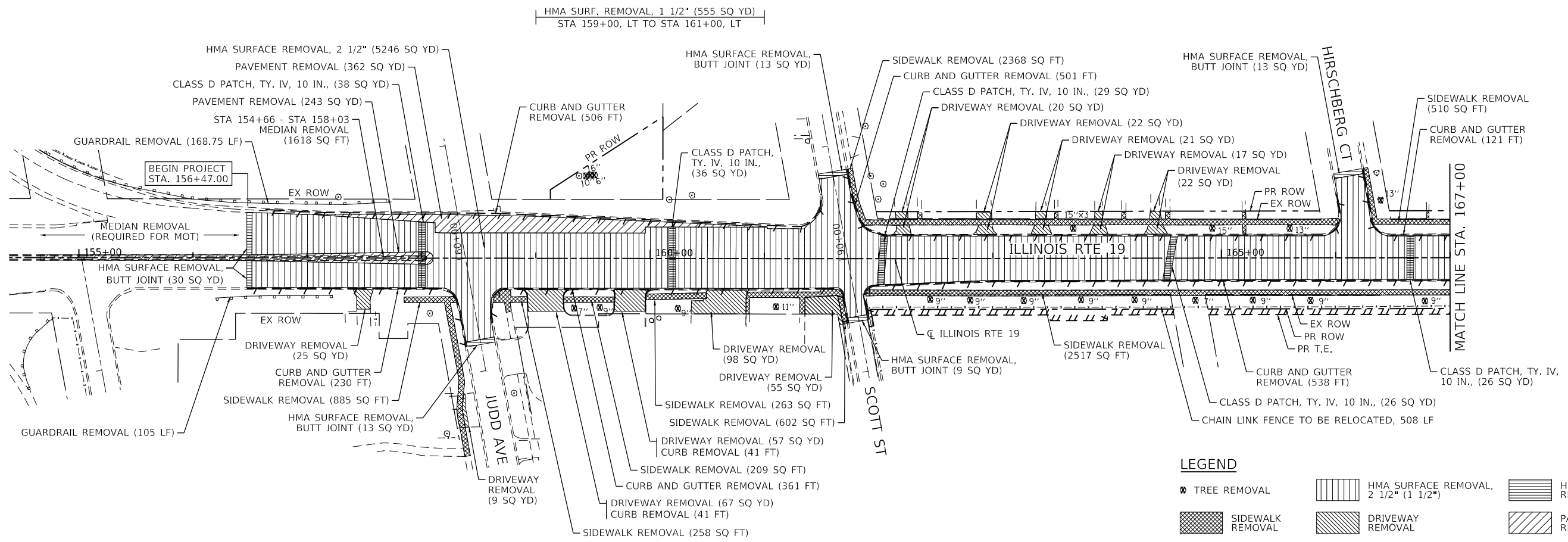
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	DRAWN - WINSON TENG	REVISED -
PLOT SCALE = 200.0000' / in.	CHECKED - MATTHEW CESARIO	REVISED -
PLOT DATE = 6/20/2020	DATE - 06/05/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL RTE 19 AT JUDD AVENUE
 ALIGNMENT, TIES, AND BENCHMARKS**

SCALE: 1"=100' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	25
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				



NOTES:

REMOVAL OF EXISTING STORM SEWER AND STORM STRUCTURES ARE SHOWN ON THE DRAINAGE PLAN AND UTILITY SHEETS; SEE DRAINAGE AND UTILITY SHEETS.

LOCATIONS OF CLASS C PATCHES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. HMA REPLACEMENT OVER PATCHES SHALL BE A DEPTH OF 3 INCHES AND LOCATED IN AREAS OF CLASS C AND CLASS D PATCHES.

EXISTING GUARDRAIL AND TERMINAL BARRIERS TO BE REMOVED AS SHOWN ON THE PLANS SHALL BE PAID FOR AS "GUARDRAIL REMOVAL".

SEE TRAFFIC SIGNAL PLANS FOR REMOVAL OF EXISTING SIGNAL EQUIPMENT AT JUDD AVENUE.

THE LOCATION FOR "TREE PRUNING" SHALL BE DETERMINED IN THE FIELD AS DIRECTED BY THE ENGINEER.

NOTE (A):
THE EXISTING EDEN MEMORIAL PARK CEMETERY WALL/FENCE SHALL BE MODIFIED BY OTHERS, AS REQUIRED TO ELIMINATE ANY CONFLICT WITH THE PROPOSED SHARED USE-PATH.

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USER NAME = Winson	DESIGNED - WINSON TENG	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - WINSON TENG	REVISED -
PLOT DATE = 6/22/2020	CHECKED - MATTHEW CESARIO	REVISED -
	DATE - 06/05/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 19 AT JUDD AVENUE
REMOVAL PLAN**

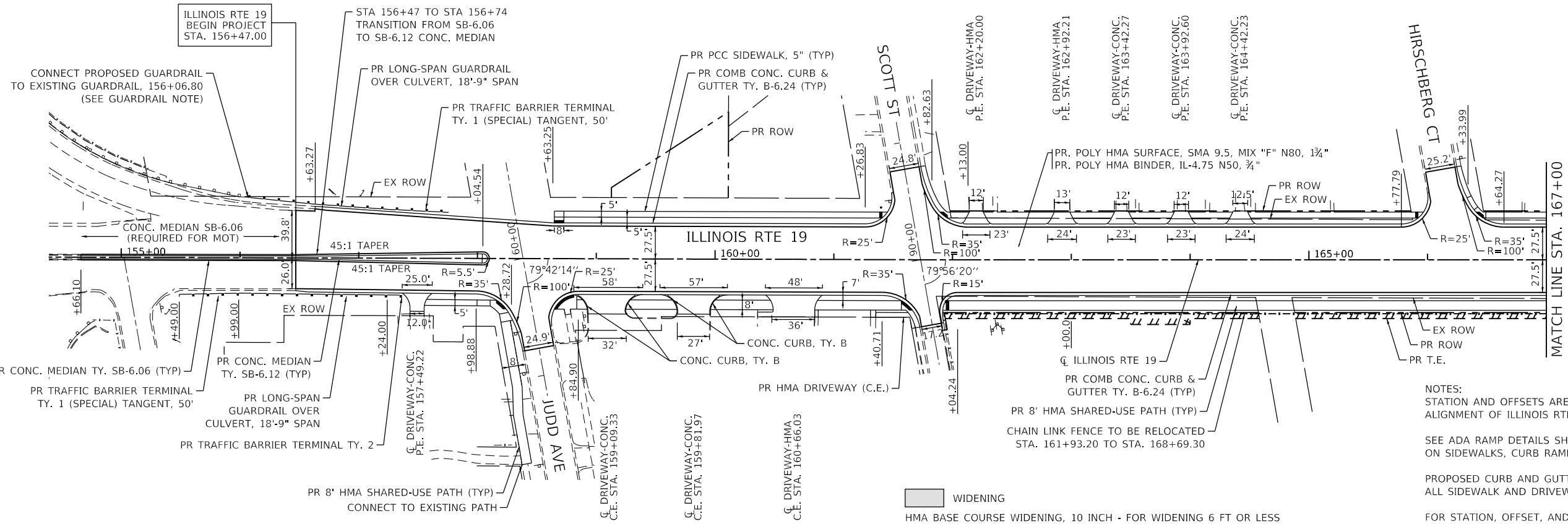
SCALE: 1" = 50' SHEET 1 OF 1 SHEETS STA. 156+47 TO STA. 172+37

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	26
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK NO.	
	FILE NAME	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	
	CADD FILE NAME	

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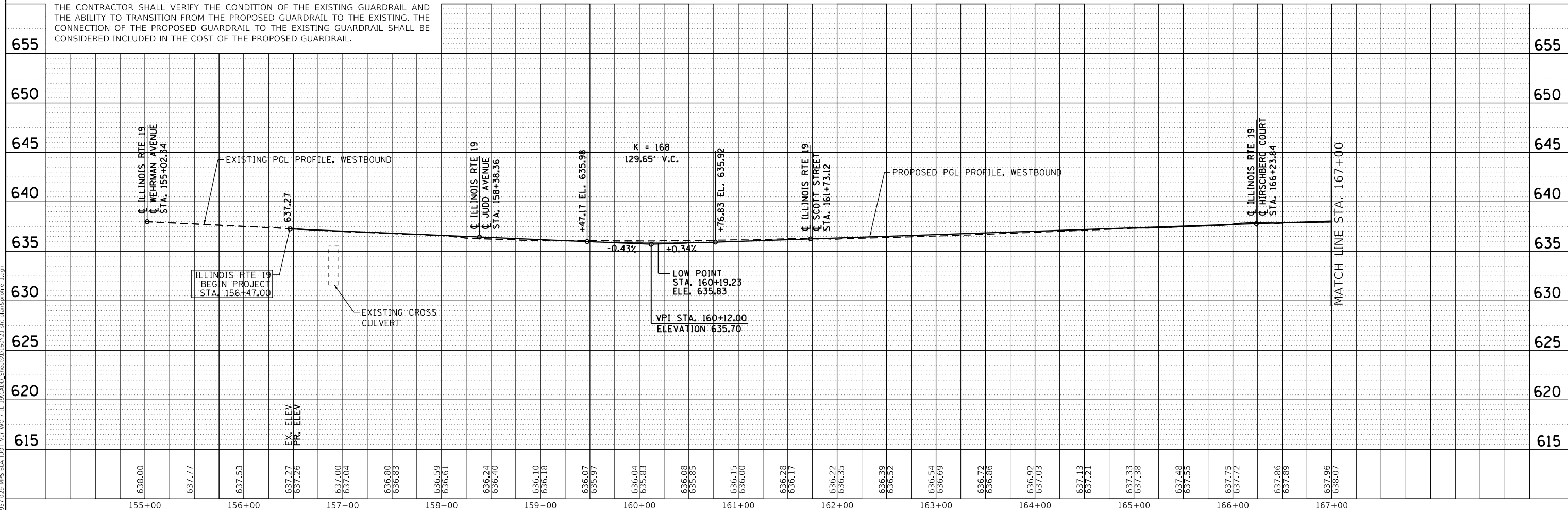


GUARDRAIL NOTE:

THE CONTRACTOR SHALL VERIFY THE CONDITION OF THE EXISTING GUARDRAIL AND THE ABILITY TO TRANSITION FROM THE PROPOSED GUARDRAIL TO THE EXISTING. THE CONNECTION OF THE PROPOSED GUARDRAIL TO THE EXISTING GUARDRAIL SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PROPOSED GUARDRAIL.

WIDENING
HMA BASE COURSE WIDENING, 10 INCH - FOR WIDENING 6 FT OR LESS
HMA BASE COURSE, 10 INCH - FOR WIDENING GREATER THAN 6 FT

NOTES:
STATION AND OFFSETS ARE TAKEN FROM THE CENTERLINE ALIGNMENT OF ILLINOIS RTE 19.
SEE ADA RAMP DETAILS SHEET FOR INFORMATION ON SIDEWALKS, CURB RAMPS, AND DETECTABLE WARNINGS.
PROPOSED CURB AND GUTTER SHALL BE DEPRESSED AT ALL SIDEWALK AND DRIVEWAY LOCATIONS.
FOR STATION, OFFSET, AND DIMENSIONS OF THE PROPOSED RIGHT OF WAY AND PROPOSED EASEMENTS REFER TO THE PLAT OF HIGHWAYS.

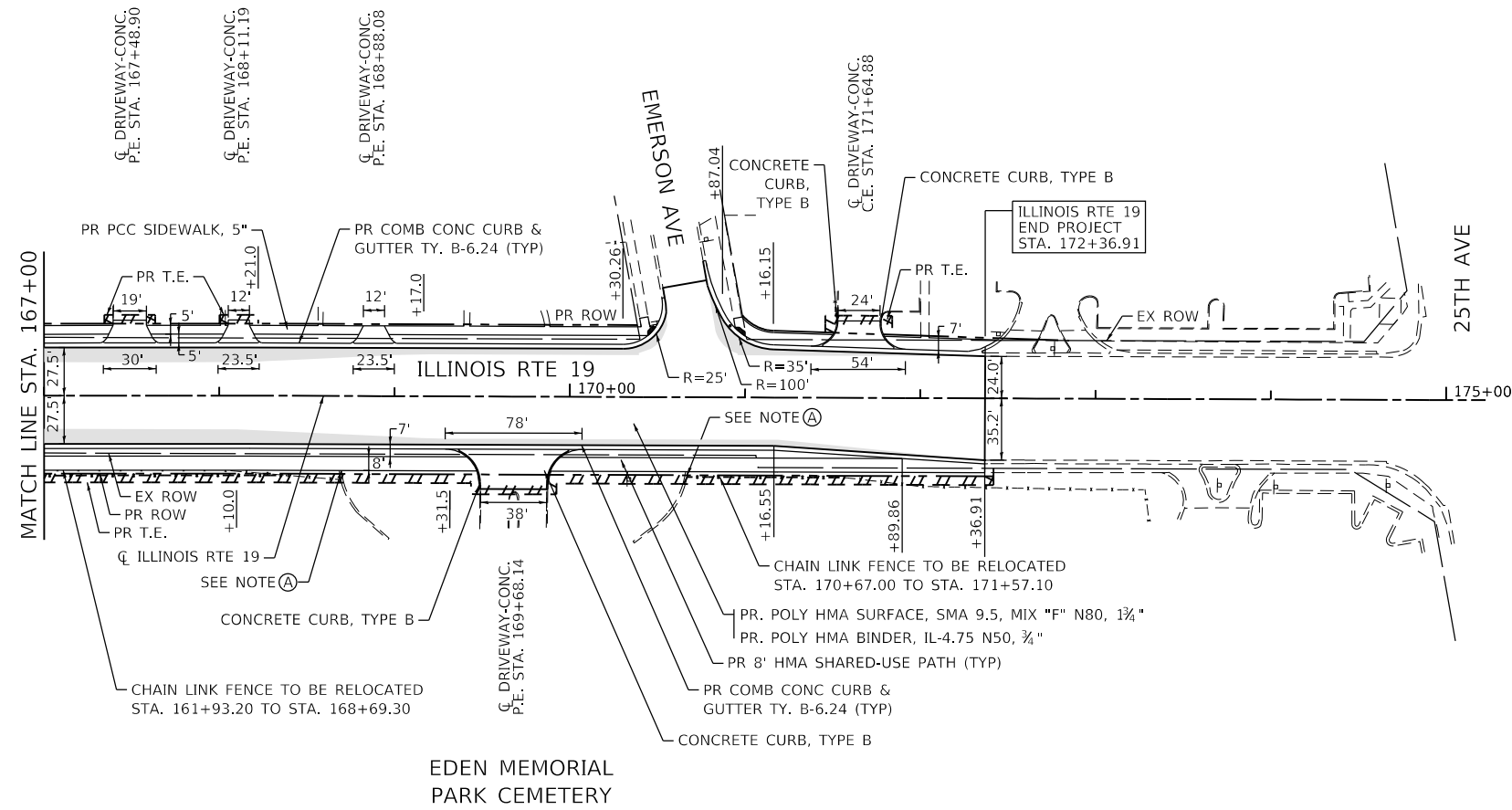


BLA, Inc. ITASCA, ILLINOIS	USER NAME = Winson DESIGNED - DRAWN - WJT PLOT SCALE = 100.0000' / in. PLOT DATE = 6/22/2020	REVISIONS: REVISIONS - REVISIONS - REVISIONS - REVISIONS - REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 19 AT JUDD AVENUE ROADWAY PLAN AND PROFILE 1" = 5' VERT SCALE: 1" = 50' SHEET 1 OF 2 SHEETS STA. 156+47 TO STA. 167+00	F.A.P. R.T.E. 345 SECTION 3058A-N(14) COUNTY COOK CONTRACT NO. 60Y21	TOTAL SHEETS 106 SHEET NO. 27	ILLINOIS FED. AID PROJECT
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PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	BY	
	NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
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	FILE NAME	

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NOTE (A):
THE EXISTING EDEN MEMORIAL PARK CEMETERY WALL/FENCE SHALL BE MODIFIED BY OTHERS, AS REQUIRED TO ELIMINATE ANY CONFLICT WITH THE PROPOSED SHARED-USE PATH.

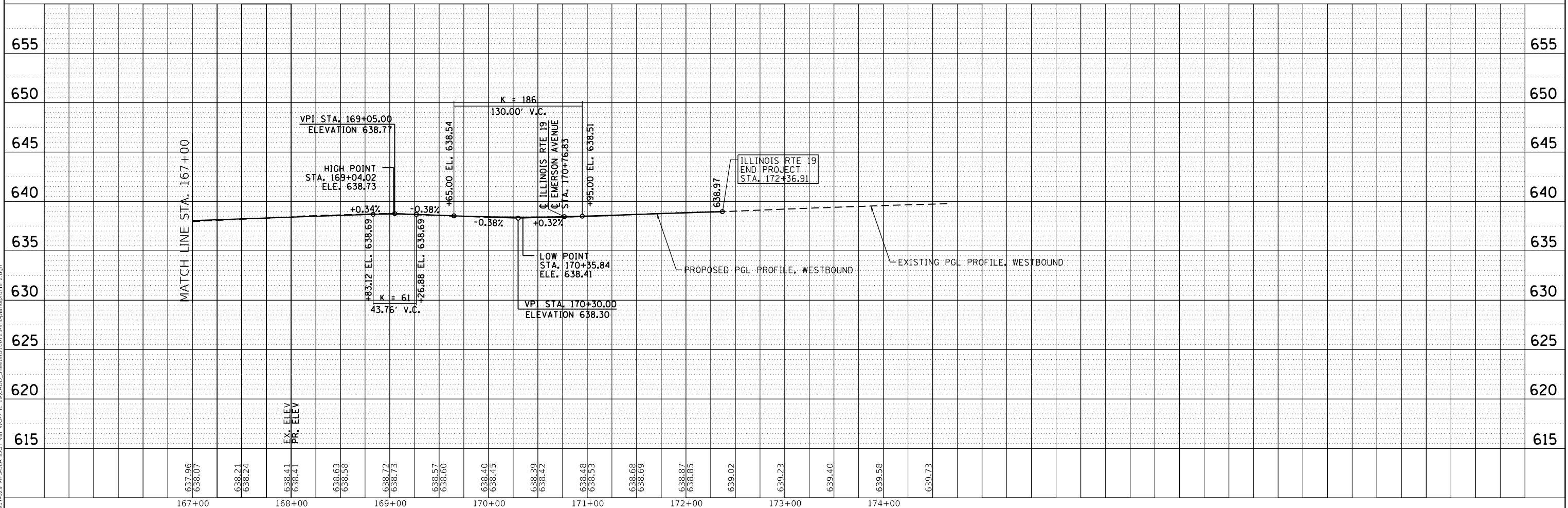
NOTES:
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PROPOSED CURB AND GUTTER SHALL BE DEPRESSED AT ALL SIDEWALK AND DRIVEWAY LOCATIONS.

FOR STATION, OFFSET, AND DIMENSIONS OF THE PROPOSED RIGHT OF WAY AND PROPOSED EASEMENTS REFER TO THE PLAT OF HIGHWAYS.

WIDENING
 HMA BASE COURSE WIDENING, 10 INCH - FOR WIDENING 6 FT OR LESS
 HMA BASE COURSE, 10 INCH - FOR WIDENING GREATER THAN 6 FT



BLA, Inc.
 ITASCA, ILLINOIS

USER NAME = WJTeng	DESIGNED -	REVISED -
	DRAWN - WJT	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - MTC	REVISED -
PLOT DATE = 6/20/2020	DATE - 06/05/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 19 AT JUDD AVENUE
ROADWAY PLAN AND PROFILE
 1" = 5' VERT
 SCALE: 1" = 50' SHEET 2 OF 2 SHEETS STA. 167+00 TO STA. 172+37

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	28
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				

SUGGESTED STAGE CONSTRUCTION GENERAL NOTES

ALL OF THE TRAFFIC CONTROL DEVICES SHALL BE IN PLACE BEFORE CONSTRUCTION IS STARTED. TEMPORARY TRAFFIC SIGNALS SHALL BE CONSTRUCTED AT THE INTERSECTIONS NOTED IN THE PLANS. TEMPORARY INTERSECTION SIGNALIZATION SHALL BE ADJUSTED TO ACCOMMODATE THE VARIOUS STAGES OF CONSTRUCTION SHOWN. THE TRAFFIC CONTROL PLANS SHALL SERVE AS A GUIDE FOR THE SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT.

TAPER LENGTH FOR TRAFFIC CONTROL DEVICES IS DEFINED BY:

$L = W \times S$ FOR SPEED LIMITS OF 45 MPH OR MORE.

$L = \frac{W \times S^2}{60}$ FOR SPEED LIMITS OF 40 MPH OR LESS.

THE TAPER IS DEFINED AS FOLLOWS:

$L =$ TAPER LENGTH IN FEET

$W =$ WIDTH OF OFFSET IN FEET

$S =$ POSTED SPEED IN MPH.

THE FOLLOWING TEMPORARY PAVEMENT MARKINGS SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 703 "WORK ZONE PAVEMENT MARKINGS" OF STANDARD SPECIFICATIONS AT ALL THE FOLLOWING LOCATIONS IN EACH OF THE VARIOUS STAGES OF CONSTRUCTION:

- 4 IN WHITE EDGE LINE - EACH EDGE (YELLOW FOR INSIDE EDGE)
- 4 IN WHITE SKIP DASH (30 FT SKIP - 10 FT DASH) - BETWEEN LANES
- 4 IN DOUBLE YELLOW - MEDIANS AND BETWEEN OPPOSING LANES
- 6 IN WHITE LANE LINE - STORAGE AREA OF LEFT - TURN BAY
- 6 IN WHITE SKIP DASH (6 FT SKIP - 2 FT DASH) LEFT TURN
- 12 IN YELLOW DIAGONALS (75 FT C-C) OR 5 EQUALLY SPACED- MEDIANS AND GORES
- 24 IN WHITE STOP BAR - ALL LOCATIONS
- WHITE LETTERS AND SYMBOLS - TURN LANES

TEMPORARY RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED THROUGHOUT THE PROJECT IN ACCORDANCE WITH THE DISTRICT ONE C.A.D.D. DETAIL FOR "RAISED REFLECTIVE PAVEMENT MARKERS" OR AS DIRECTED BY THE ENGINEER.

IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE INFORMATIONAL SIGNS ON TEMPORARY SUPPORTS FOR DRIVEWAYS. THESE SIGNS SHALL BE WHITE OR GREEN IN ACCORDANCE WITH THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES. ALSO, "CAUTION NEW LANES OPEN STOP HERE" SIGNS WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE AT THE APPROPRIATE LOCATIONS. THIS WORK WILL BE PER DISTRICT DETAIL TC-26 INCLUDED IN THE VARIOUS ITEMS FOR "TEMPORARY INFORMATION SIGNAGE".

PORTABLE CHANGEABLE MESSAGE SIGN SHALL BE PLACED BEYOND THE EAST AND WEST PROJECT LIMITS ON ILLINOIS RTE 19, ALL SIDE ROADS WITHIN THE PROJECT LIMITS, AND AS DIRECTED BY THE ENGINEER. IT SHALL BE PAID FOR AS "CHANGEABLE MESSAGE SIGN".

THE CONTRACTOR WILL GIVE THE ENGINEER AT LEAST 10 DAYS NOTICE PRIOR TO ANY TRAFFIC STAGING CHANGES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COVERING OR REMOVING ANY EXISTING ROADWAY SIGNAGE THAT CONFLICTS WITH THE STAGED TRAFFIC PATTERN TO THE SATISFACTION OF THE RESIDENT ENGINEER. TEMPORARY TRAFFIC CONTROL BARRIERS AND SIGNAGE SHALL BE IN PLACE PRIOR TO TRAFFIC STAGING.

PEDESTRIAN AND BICYCLE ACCESS MUST BE MAINTAINED ON ALL EXISTING FACILITIES AND ON NEW FACILITIES AS THEY BECOME AVAILABLE FOR PEDESTRIAN AND BICYCLE TRAFFIC.

THE CONTRACTOR SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

ARROW BOARDS SHALL HAVE SOLAR POWER CAPABILITY.

A MONO-DIRECTIONAL FLASHING AMBER BEACON SHALL BE MOUNTED TO THE FIRST TWO WARNING SIGNS ON EACH APPROACH DURING HOURS OF DARKNESS.

ON TWO-LANE SECTIONS, BARRICADES SHALL BE EQUIPPED WITH BI-DIRECTIONAL AMBER LIGHTS PER ARTICLE 701.16.

STOP SIGNS AND STOP BARS ARE TO BE MAINTAINED FOR UNSIGNALIZED SIDE STREETS AND DRIVEWAYS THROUGH ALL CONSTRUCTION STAGES IN WHICH THEY ARE TO BE MAINTAINED.

POSITIVE DRAINAGE WITHIN THE WORK ZONE MUST BE MAINTAINED AT ALL TIMES TO THE SATISFACTION OF THE RESIDENT ENGINEER. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, INCLUDING THE FLOW LINE OF DITCHES, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY INLETS, OUTLETS, AND CONNECTIONS FOR ALL EXISTING AND PROPOSED FACILITIES INCLUDING TEMPORARY PUMPING IF NECESSARY. TEMPORARY ACCOMMODATIONS SHALL BE MAINTAINED UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE AND THE FINAL SHAPING AND GRADING OF DITCHES IS PERFORMED. THE COST OF ALL LABOR, EQUIPMENT, AND MATERIALS (TEMPORARY OR PERMANENT USED AS TEMPORARY) TO COMPLY WITH THIS REQUIREMENT WILL NOT BE PAID FOR DIRECTLY, BUT THE COST SHALL BE CONSIDERED INCLUDED IN THE PROPOSED ITEMS OF WORK IN THE CONTRACT.

THE CONTRACTOR SHALL REMOVE ANY TEMPORARY AND PERMANENT PAVEMENT MARKINGS CONFLICTING WITH PROPOSED M.O.T. BY METHODS APPROVED BY THE ENGINEER. REMOVAL FOR THESE PURPOSES SHALL BE CONSIDERED INCLUDED IN THE PRICE OF TEMPORARY PAVEMENT MARKINGS.

THE CONTRACTOR SHALL NOTE LOCATIONS OF ALL PAVEMENT MARKINGS OUTSIDE OF THE PROJECT LIMITS FOR RESTORATION PURPOSES.

THE CONTRACTOR SHALL MAINTAIN ALL DRIVEWAY AND SIDE STREET ENTRANCES AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. ACCESS TO EXISTING DRIVEWAY ENTRANCES SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "TEMPORARY ACCESS (PRIVATE OR COMMERCIAL)".

THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL SIDE STREETS AND DRIVEWAYS BY UTILIZING STAGED CONSTRUCTION, FLAGGERS, TEMPORARY ACCESSES, OR OTHER METHODS APPROVED BY THE ENGINEER. THIS WORK SHALL NOT BE CONSIDERED FOR ADDITIONAL PAYMENT, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEMS OF WORK.

THE CONTRACTOR SHALL PROVIDE AT LEAST 48 HOURS PRIOR NOTICE TO THE RESIDENT ENGINEER, VILLAGE OF SCHILLER PARK EMERGENCY SERVICES, SCHOOLS, AND POST OFFICE PRIOR TO IMPLEMENTING LANE CLOSURES OR MAJOR TRAFFIC CONTROL CHANGES.

TEMPORARY PAVEMENT IS NEEDED TO MAINTAIN THE REQUIRED TRAFFIC LANES ON ILLINOIS RTE 19 AS SHOWN ON THE STAGING PLANS. TEMPORARY PAVEMENT SHALL BE CONSTRUCTED AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER. THE REMOVAL OF TEMPORARY PAVEMENT SHALL BE INCLUDED IN THE PAY ITEM 7PAVEMENT REMOVALG.

IF THE CONTRACTOR MUST FULLY CLOSE AN EXISTING DRIVEWAY OR SIDE STREET, THE CONTRACTOR MUST MAINTAIN A TEMPORARY ACCESS. THE CONTRACTOR SHALL GIVE AT LEAST ONE WEEK PRIOR WRITTEN NOTICE OF DRIVEWAY OR SIDE STREET CLOSURES TO THE ENGINEER, THE VILLAGE, EMERGENCY SERVICES, SCHOOLS, AND THE LOCAL POST OFFICE. DIRECTIONAL SIGNAGE SHALL BE PROVIDED TO REDIRECT DRIVERS AND PATRONS OF AFFECTED BUSINESSES TO ACCESS PROPERTIES BY ALTERNATE ROUTES. THIS WORK SHALL BE COORDINATED BY THE RESIDENT ENGINEER. ANY REDIRECTING SIGNAGE SHALL BE PAID FOR AS "TEMPORARY INFORMATION SIGNAGE" AND SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE. ANY ITEMS FOR CLOSURE OF THE DRIVES INCLUDING TYPE III BARRICADES SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED WITH THE COST OF WORK ITEMS.

SUGGESTED GENERAL SEQUENCE OF CONSTRUCTION

STAGE I PRESTAGE

INSTALL TEMPORARY TRAFFIC SIGNALS AT JUDD AVENUE AND ILLINOIS RTE 19 UTILIZING TRAFFIC CONTROL STANDARDS 701101 AND 701801. REMOVE EXISTING CONCRETE MEDIAN (STA 154+66 TO STA 158+00) AND CONSTRUCT NEW TEMPORARY PAVEMENT TO PROVIDE DRIVABLE SURFACE UTILIZING URBAN LANE CLOSURE MULTILANE INTERSECTION STANDARD 701701. INSTALL STORM SEWER TRUNK LINE AND LATERALS FROM STA 158+00 TO STA 166+50 WITH SHORT TERM LANE CLOSURES.

STAGE I

CLOSE THE OUTER WESTBOUND TRAVEL LANE AND REDUCE WESTBOUND TRAFFIC TO ONE LANE UTILIZING STANDARD 701606. CONSTRUCT COMPENSATORY STORAGE BOX CULVERT. CONSTRUCT HOT-MIX ASPHALT BASE COURSE WIDENING OF ROADWAY AND INSTALL NEW CONCRETE CURB/GUTTER, DRIVEWAYS, AND SIDEWALK ON THE NORTH SIDE UTILIZING STANDARD 701106. CONSTRUCT DRAINAGE IMPROVEMENTS ON NORTH SIDE FROM STA 168+20 TO STA 171+20. MAINTAIN TWO (2) LANES OF TRAFFIC IN THE EASTBOUND DIRECTION.

STAGE II

SHIFT EASTBOUND AND WESTBOUND TRAFFIC TO 4 - 11' LANES FROM THE NEW CURB AND GUTTER ON THE NORTH SIDE. MAINTAIN TWO (2) LANES OF TRAFFIC IN EACH DIRECTION. CONSTRUCT HOT-MIX ASPHALT BASE COURSE WIDENING OF ROADWAY AND INSTALL NEW CONCRETE CURB/GUTTER, DRIVEWAYS, SIDEWALK, AND SHARED-USE PATH ON THE SOUTH SIDE. CONSTRUCT DRAINAGE IMPROVEMENTS ON SOUTH SIDE FROM STA 168+20 TO STA 171+20.

STAGE III

CONSTRUCT MEDIAN WEST OF JUDD AVENUE WITH DAYTIME LANE CLOSURES ON BOTH INNER EASTBOUND AND WESTBOUND LANES. CONSTRUCT SURFACE COURSE OF THE HOT-MIX ASPHALT WITH DAYTIME MOVING LANE CLOSURE STANDARDS 701427. INSTALL NEW TRAFFIC SIGNAL AT JUDD AVENUE AND ILLINOIS RTE 19.

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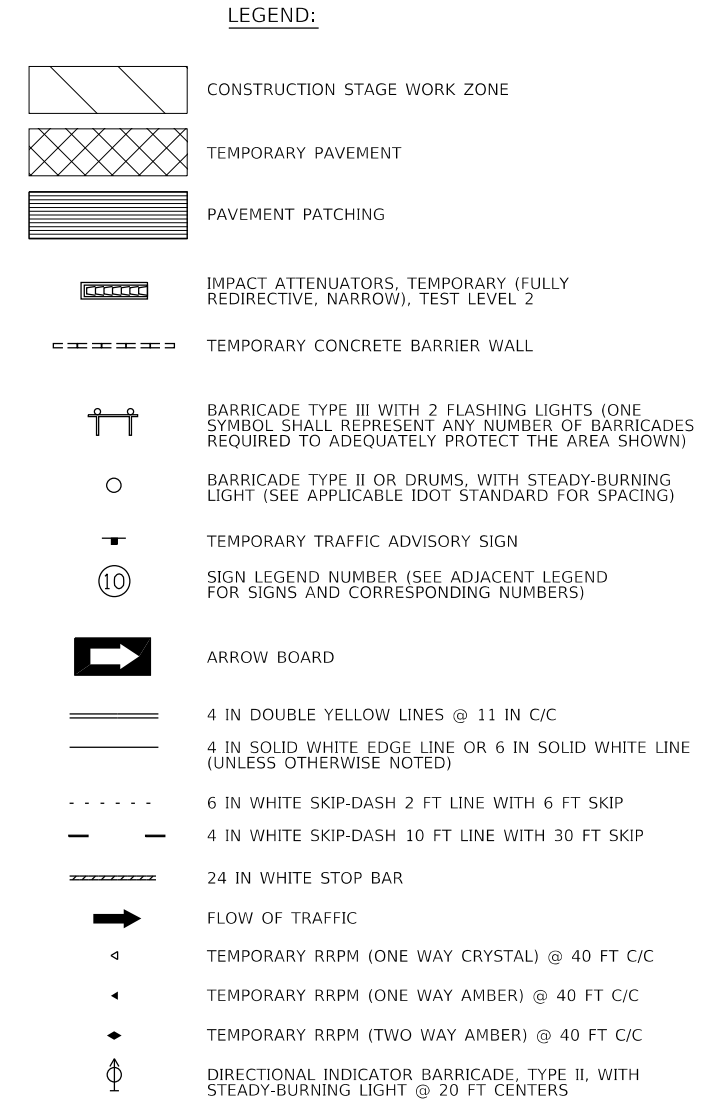
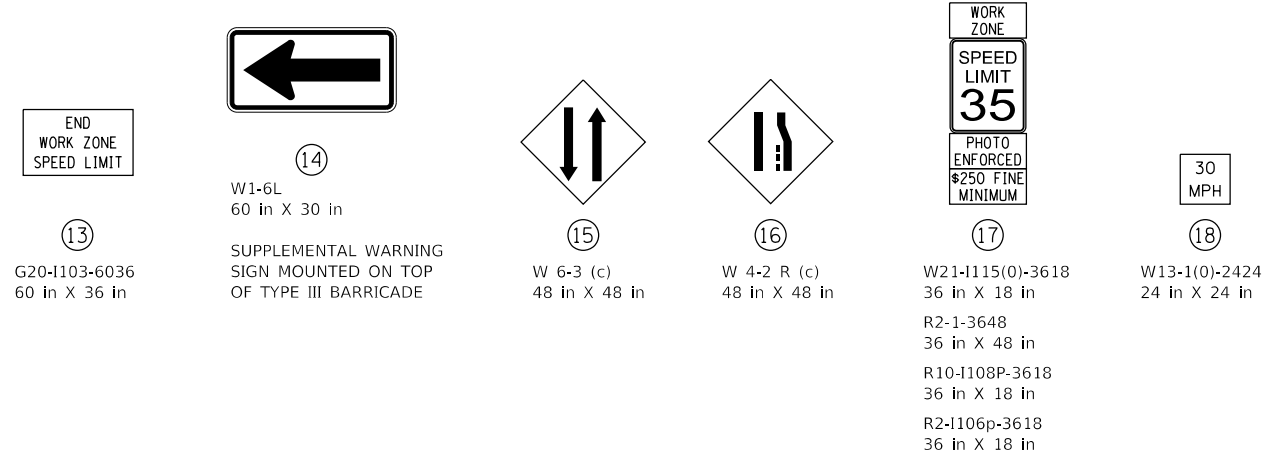
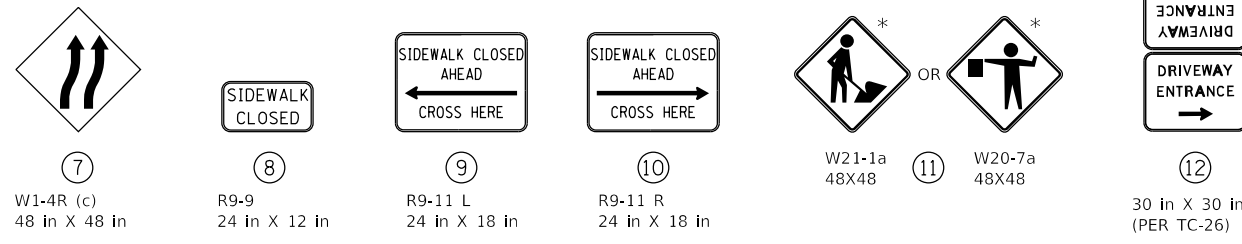
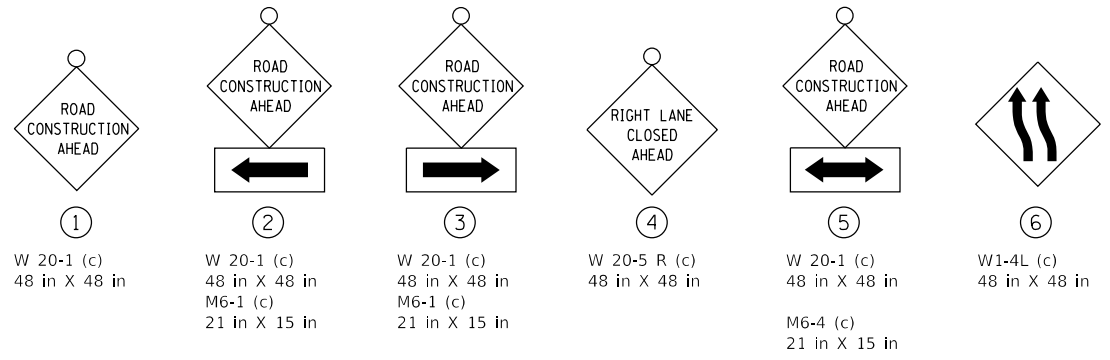
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

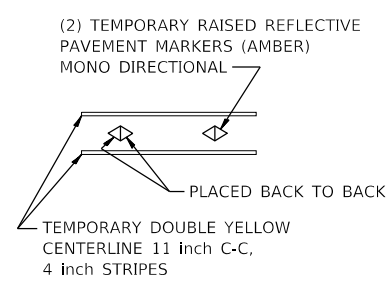
**IL RTE 19 AT JUDD AVENUE
SUGGESTED CONSTRUCTION SEQUENCE AND GENERAL NOTES**

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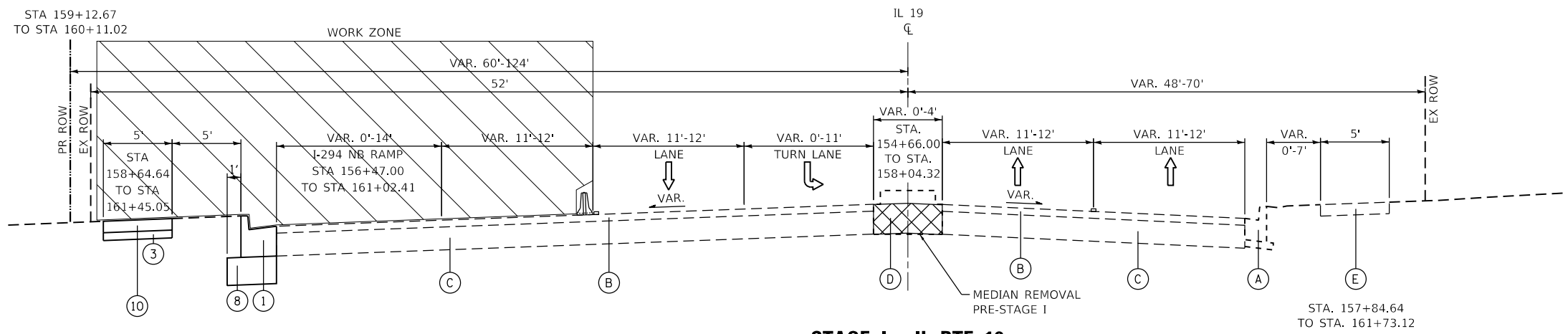
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345	3058A-N(14)	COOK	106	29
CONTRACT NO. 60Y21				
		ILLINOIS	FED. AID PROJECT	



NOTE:
ALL SIGNS SHALL COMPLY WITH THE MOST RECENT VERSION OF THE MUTCD AND ILLINOIS MUTCD.

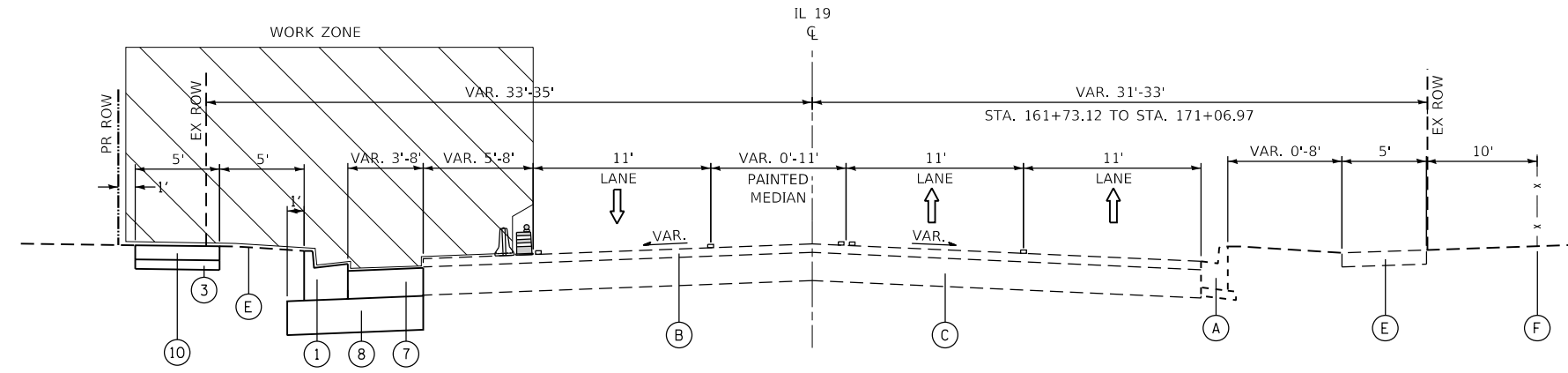
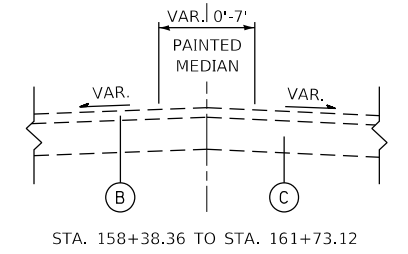


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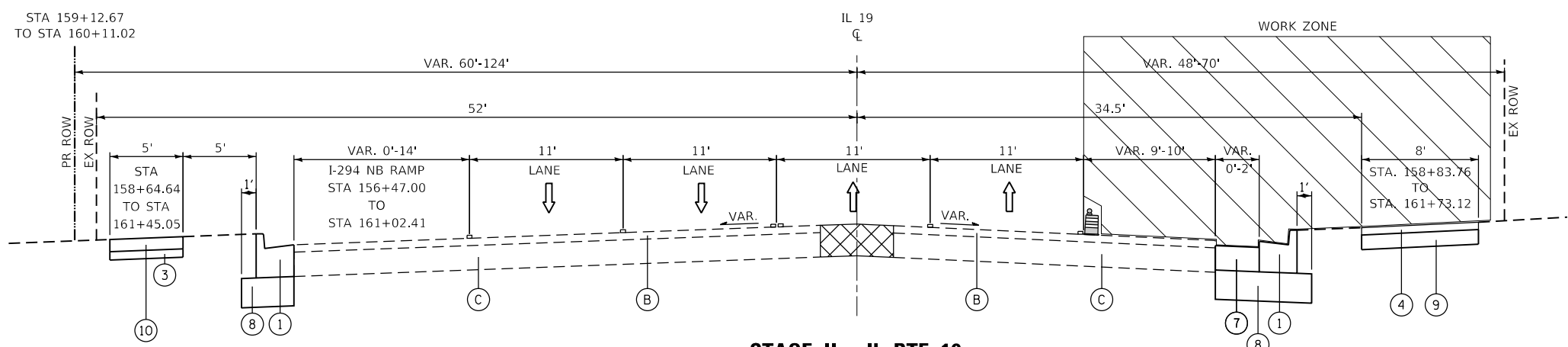
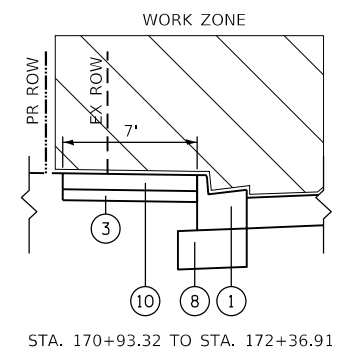
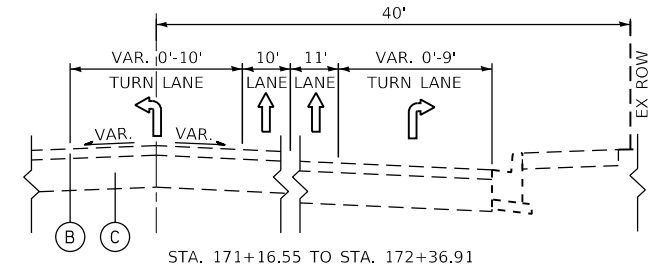
STAGE I - IL RTE 19

STA. 156+47.00 TO STA. 161+73.12



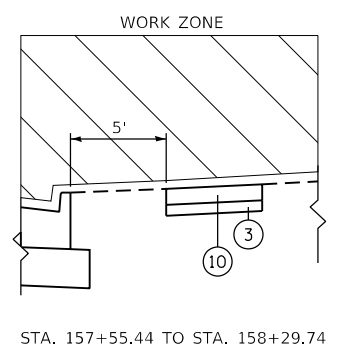
STAGE I - IL RTE 19

STA. 161+73.12 TO STA. 172+36.91



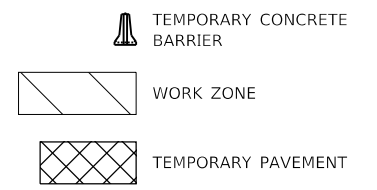
STAGE II - IL RTE 19

STA. 156+47.00 TO STA. 161+73.12



LEGEND

- (A) EX. COMB. CONC. CURB & GUTTER TY. B-6.12
- (E) EX. PCC SIDEWALK
- (4) PR. HMA SURFACE COURSE, MIX "D", N50 (3")
- (7) PR. HMA BASE COURSE, 10", or HMA BASE COURSE WIDENING, 10"
- (B) EX. HMA SURFACE COURSE, 2.5" TO 5"
- (1) PR. COMB. CONC. CURB & GUTTER, TY. B-6.24
- (5) PR. POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80 (1 3/4")
- (8) PR. AGGREGATE SUBGRADE IMPROVEMENT 12"
- (C) EX. P.C.C. PAVEMENT 10"
- (2) PR. CONC. MEDIAN, TY. SB-6.12
- (6) PR. POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 (3/4")
- (9) PR. AGGREGATE BASE COURSE, TYPE B 6"
- (D) EX. CONC. BARRIER MEDIAN
- (3) PR. AGGREGATE BASE COURSE, TYPE B, 4"
- (10) PR. PCC SIDEWALK 5"



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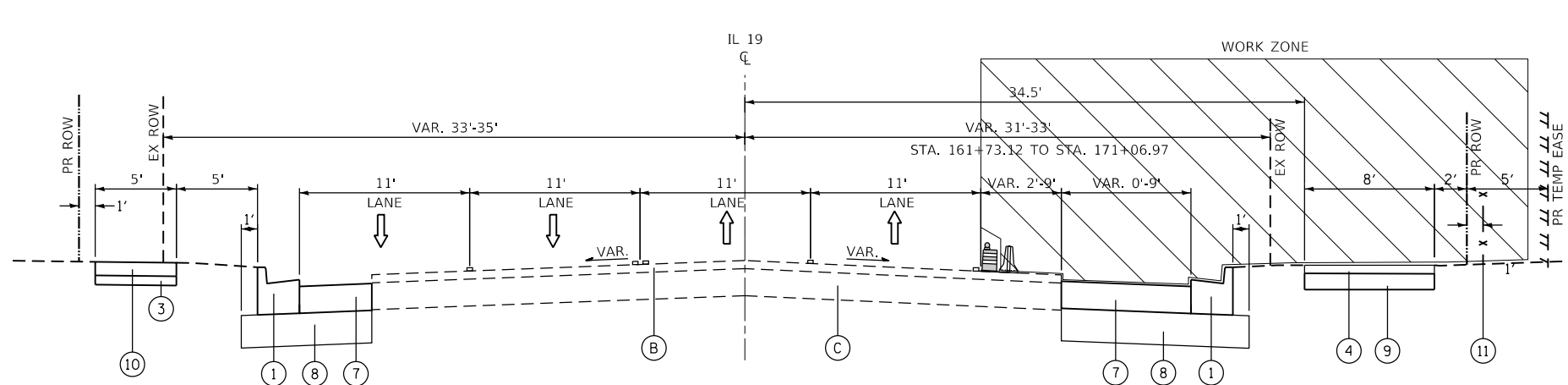
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PLOT DATE = 6/20/2020	DATE - 06/05/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 19 AT JUDD AVENUE
SUGGESTED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS**

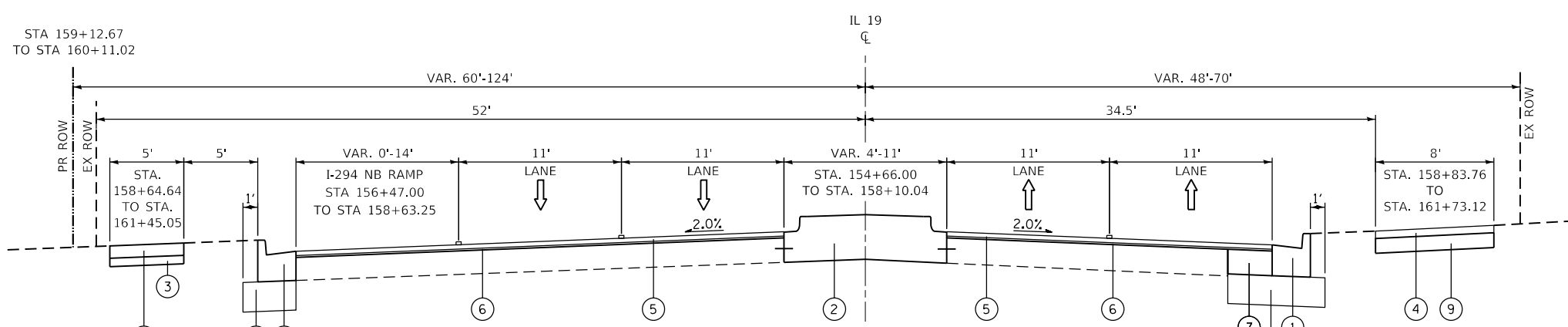
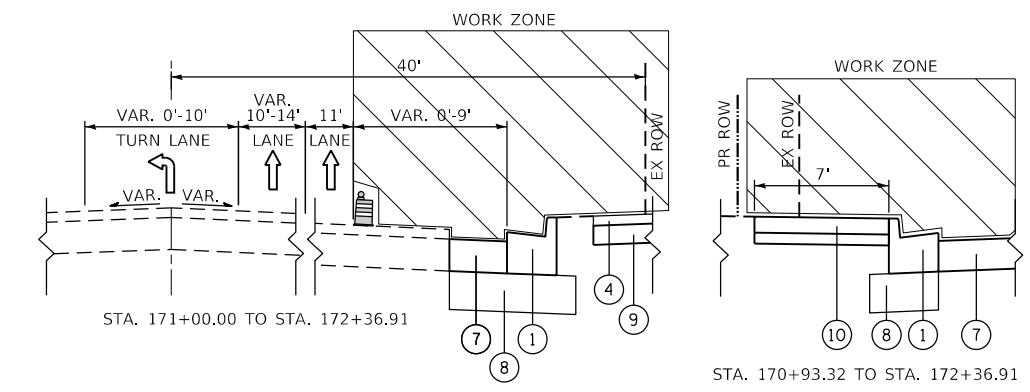
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	31
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				



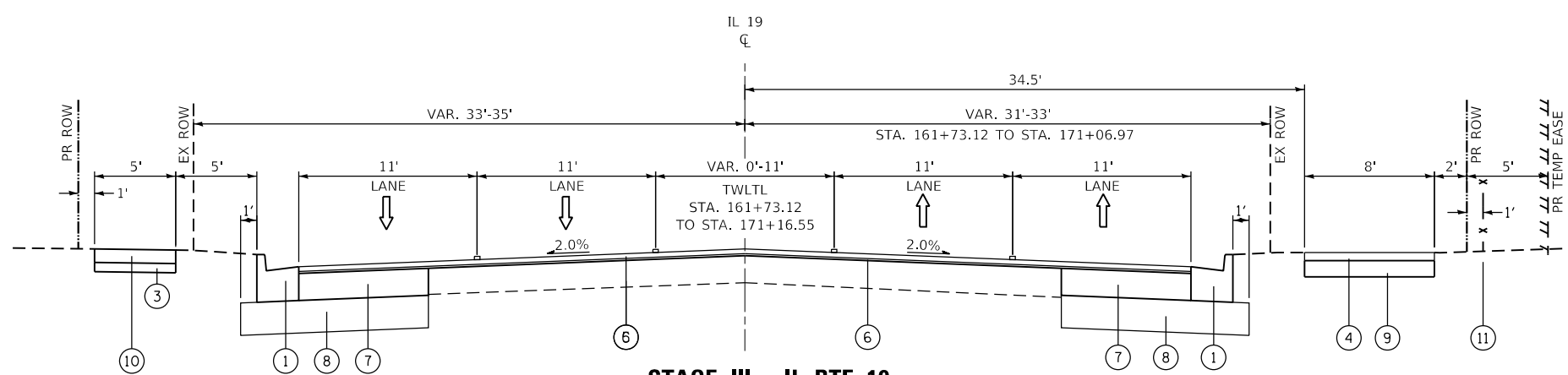
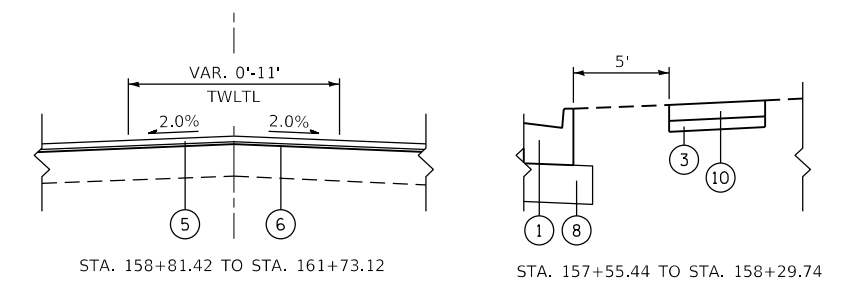
STAGE II - IL RTE 19

STA. 161+73.12 TO STA. 172+36.91



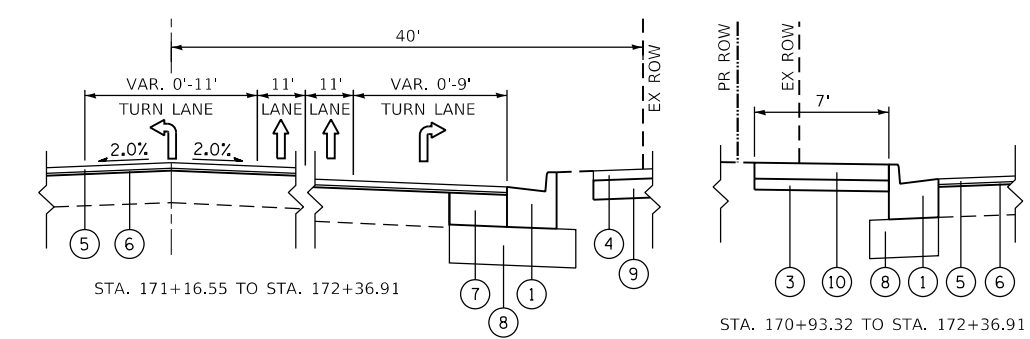
STAGE III - IL RTE 19

STA. 156+47.00 TO STA. 161+73.12



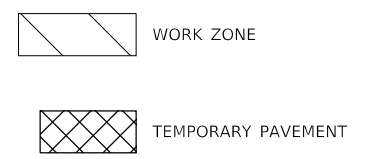
STAGE III - IL RTE 19

STA. 161+73.12 TO STA. 172+36.91



LEGEND

- (A) EX. COMB. CONC. CURB & GUTTER TY. B-6.12
- (E) EX. PCC SIDEWALK
- (4) PR. HMA SURFACE COURSE, MIX "D", N50 (3")
- (7) PR. HMA BASE COURSE, 10", or HMA BASE COURSE WIDENING, 10"
- (B) EX. HMA SURFACE COURSE, 2.5" TO 5"
- (1) PR. COMB. CONC. CURB & GUTTER, TY. B-6.24
- (5) PR. POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80 (1 3/4")
- (8) PR. AGGREGATE SUBGRADE IMPROVEMENT 12"
- (C) EX. P.C.C. PAVEMENT 10"
- (2) PR. CONC. MEDIAN, TY. SB-6.06 OR SB-6.12
- (6) PR. POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 (3/4")
- (9) PR. AGGREGATE BASE COURSE, TYPE B 6"
- (D) EX. CONC. BARRIER MEDIAN
- (3) PR. AGGREGATE BASE COURSE, TYPE B, 4"
- (10) PR. PCC SIDEWALK 5"



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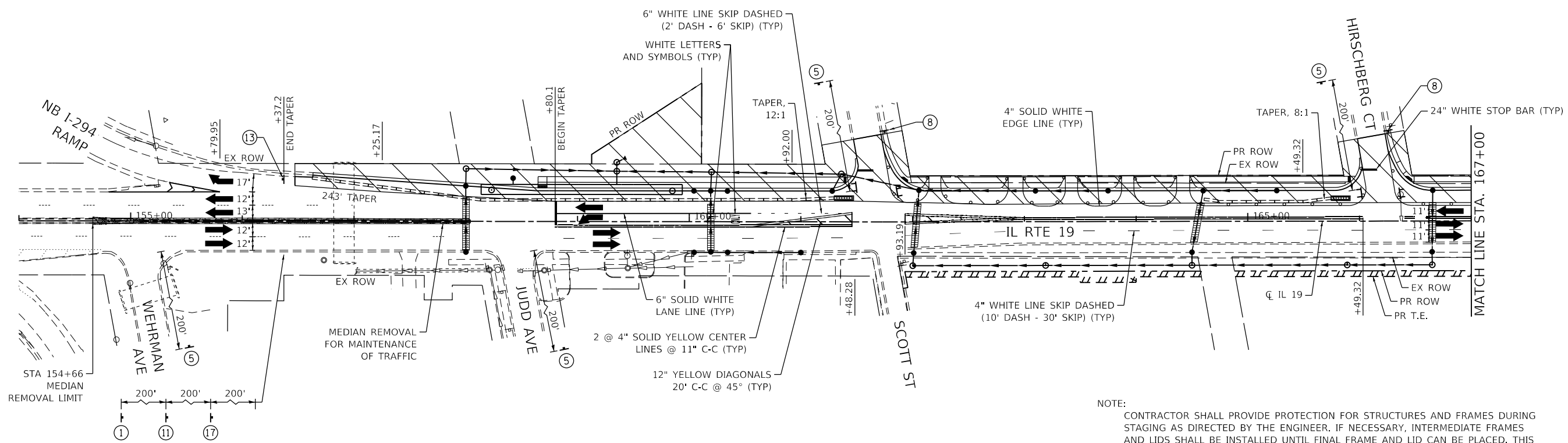
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

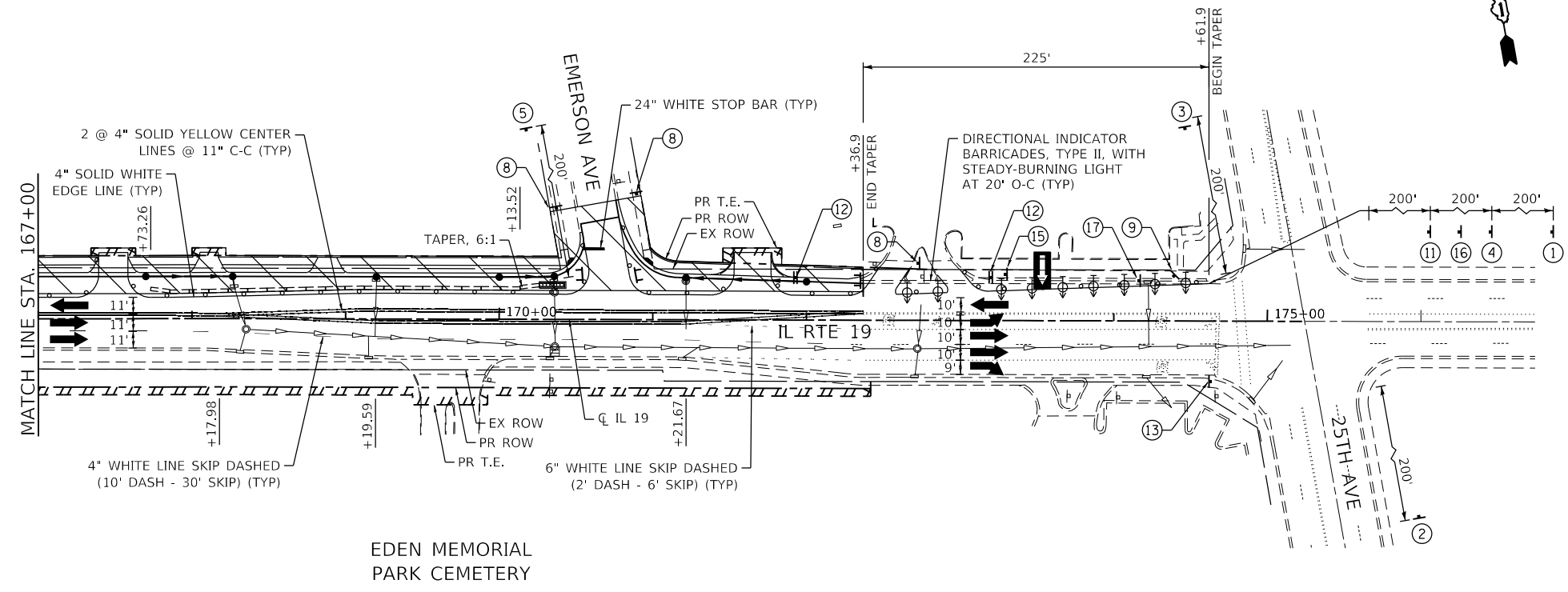
**IL RTE 19 AT JUDD AVENUE
SUGGESTED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS**

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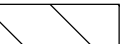



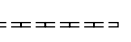




F.A.P. RTE. 345	SECTION 3058A-N(14)	COUNTY COOK	TOTAL SHEETS 106	SHEET NO. 32
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				



NOTE:
 CONTRACTOR SHALL PROVIDE PROTECTION FOR STRUCTURES AND FRAMES DURING STAGING AS DIRECTED BY THE ENGINEER. IF NECESSARY, INTERMEDIATE FRAMES AND LIDS SHALL BE INSTALLED UNTIL FINAL FRAME AND LID CAN BE PLACED. THIS WORK SHALL BE INCLUDED IN THE COST OF THE STRUCTURE.



LEGEND

-  CONSTRUCTION STAGE WORK ZONE
-  TEMPORARY PAVEMENT
-  PAVEMENT PATCHING
-  IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2
-  TEMPORARY CONCRETE BARRIER WALL, ENDS AT 8:1 TAPER TO LIVE TRAFFIC
-  BARRICADE TYPE III WITH 2 FLASHING LIGHTS (ONE SYMBOL SHALL REPRESENT ANY NUMBER OF BARRICADES REQUIRED TO ADEQUATELY PROTECT THE AREA SHOWN)
-  BARRICADE TYPE II OR DRUMS, WITH STEADY-BURNING LIGHT (SEE APPLICABLE IDOT STANDARD FOR SPACING)
-  FLOW OF TRAFFIC
-  DIRECTIONAL INDICATOR BARRICADE, TYPE II, WITH STEADY-BURNING LIGHT @ 20 FT CENTERS

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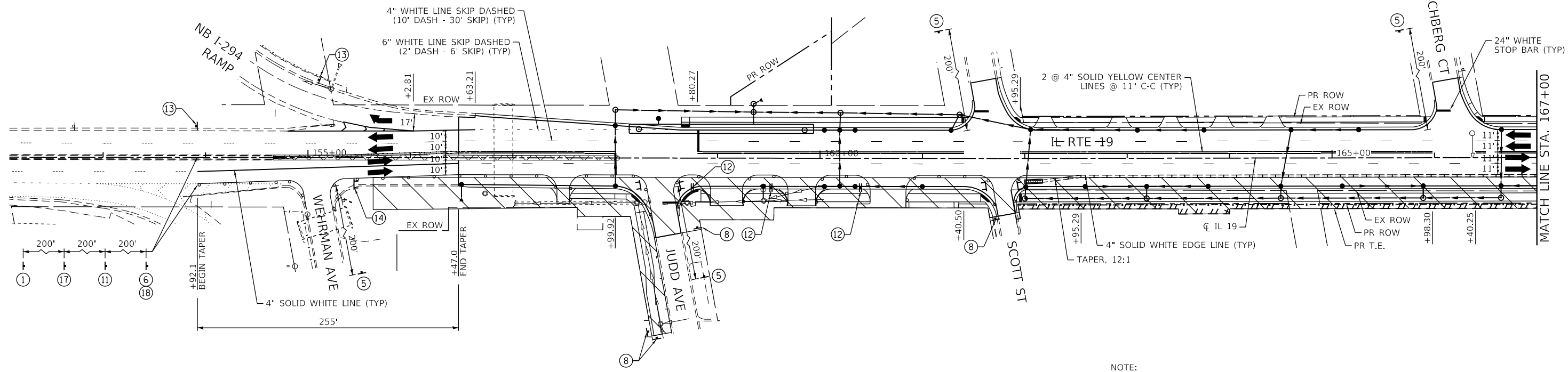


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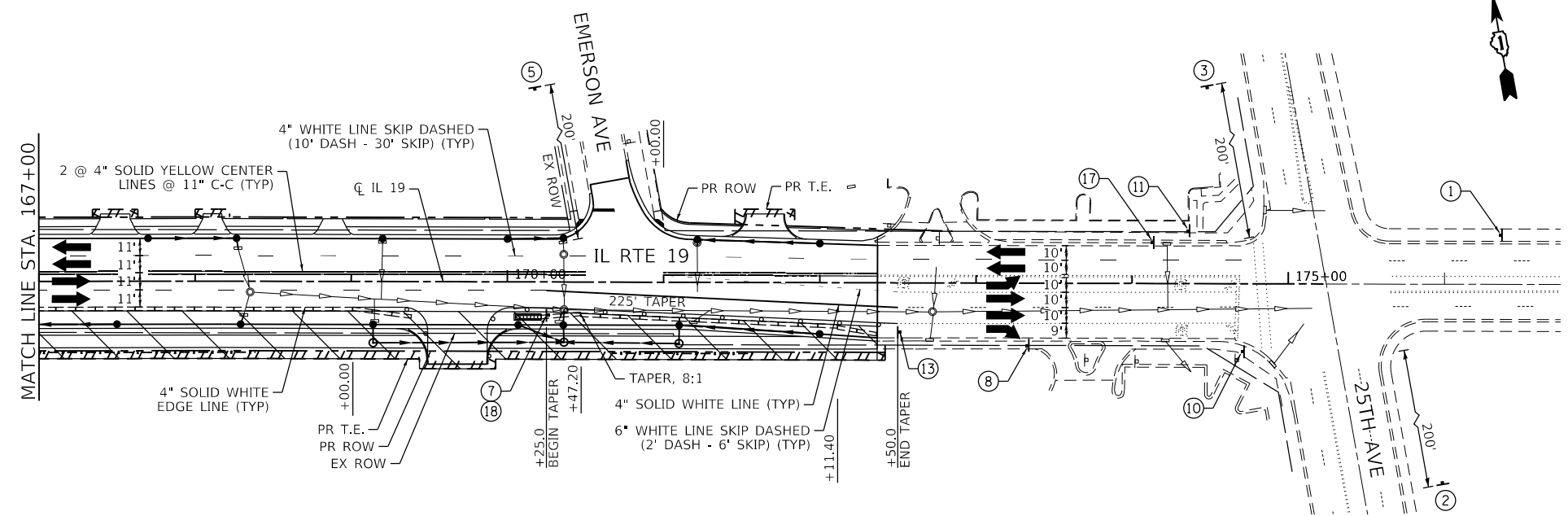
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL RTE 19 AT JUDD AVENUE SUGGESTED MAINTENANCE OF TRAFFIC - STAGE I			
SCALE: 1" = 50'	SHEET 5	OF 6 SHEETS	STA. 156+47 TO STA. 172+37

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	33
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				



NOTE:
 CONTRACTOR SHALL PROVIDE PROTECTION FOR STRUCTURES AND FRAMES DURING STAGING AS DIRECTED BY THE ENGINEER. IF NECESSARY, INTERMEDIATE FRAMES AND LIDS SHALL BE INSTALLED UNTIL FINAL FRAME AND LID CAN BE PLACED. THIS WORK SHALL BE INCLUDED IN THE COST OF THE STRUCTURE.



EDEN MEMORIAL PARK CEMETERY

LEGEND

	CONSTRUCTION STAGE WORK ZONE
	TEMPORARY PAVEMENT
	PAVEMENT PATCHING
	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2
	TEMPORARY CONCRETE BARRIER WALL, ENDS AT 8:1 TAPER TO LIVE TRAFFIC
	BARRICADE TYPE III WITH 2 FLASHING LIGHTS (ONE SYMBOL SHALL REPRESENT ANY NUMBER OF BARRICADES REQUIRED TO ADEQUATELY PROTECT THE AREA SHOWN)
	BARRICADE TYPE II OR DRUMS, WITH STEADY-BURNING LIGHT (SEE APPLICABLE IDOT STANDARD FOR SPACING)
	FLOW OF TRAFFIC
	DIRECTIONAL INDICATOR BARRICADE, TYPE II, WITH STEADY-BURNING LIGHT @ 20 FT CENTERS

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PLOT DATE = 6/22/2020	CHECKED - MATTHEW CESARIO	REVISED -
	DATE - 06/05/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL RTE 19 AT JUDD AVENUE
 SUGGESTED MAINTENANCE OF TRAFFIC - STAGE II**

SCALE: 1" = 50' SHEET 6 OF 6 SHEETS STA. 156+47 TO STA. 172+37

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	34
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				

SOIL EROSION AND SEDIMENT CONTROL GENERAL NOTES:

- THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION.
- TEMPORARY FENCE FOR TREE TRUNK PROTECTION SHOULD BE ERECTED ALONG THE DRIP LINE OF EXISTING TREES TO REMAIN WITHIN THE LIMITS OF CONSTRUCTION. AFTER TREES ARE SAFELY FENCED NOTHING IS TO BE STORED, DRIVEN, OR DISTURBED INSIDE THE FENCE. REMOVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.
- EROSION CONTROL WORK ITEMS ARE CONSIDERED TO BE HIGH PRIORITY ITEMS ON THIS CONTRACT. THE CONTRACTOR WILL IMPLEMENT ALL PROVISIONS OF THE SPECIFICATION NECESSARY TO ASSURE THAT EROSION CONTROL ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY WAY. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES WHICH WILL POTENTIALLY CREATE ERODIBLE CONDITIONS.
- IL RTE 19 AND ALL ADJACENT STREETS MUST BE KEPT CLEAR OF DEBRIS. THESE STREETS SHALL BE INSPECTED DAILY AND CLEANED WHEN NECESSARY.
- THE LANDSCAPING AND EROSION CONTROL MEASURES SHOWN ARE A GRAPHICAL REPRESENTATION OF SUGGESTED MEASURES. DEVIATIONS FROM THIS PLAN ARE TO BE EXPECTED PENDING A JOB SITE INSPECTION BETWEEN THE CONTRACTOR AND THE RESIDENT ENGINEER.
- UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL, LATEST EDITION, AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, CURRENT EDITION.
- A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
- ALL EROSION CONTROL MEASURES MUST BE INSPECTED BY IDOT OR IDOT'S REPRESENTATIVE AND THE INSPECTION REPORT MUST BE SIGNED BY THE CONTRACTOR EVERY SEVEN DAYS AND AFTER EACH 1/2" RAIN EVENT OR EQUIVALENT SNOWFALL AND SIGNIFICANT SNOWMELT.
- HEAVY DUTY EROSION CONTROL BLANKET AND/OR STRAW MULCH WITH NETTING (DEPENDING ON SLOPE, SLOPE LENGTH, AND FLOW RATES) SHALL BE INSTALLED ON ALL SLOPES AND IN CRITICAL AREAS (I.E. PERIMETERS, BERMS, ETC.) IMMEDIATELY UPON FINAL GRADING.
- PERMANENT OR TEMPORARY STABILIZATION SHALL BE INITIATED IMMEDIATELY WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN ONE (1) DAY AFTER WORK HAS CEASED.
- PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO, ADDITIONAL PHASES OF DEVELOPMENT AND OFF-SITE BORROW OR WASTE AREAS) A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW.
- IF WINTER SHUTDOWN IS NECESSARY, IT SHALL BE ADDRESSED EARLY IN THE FALL GROWING SEASON SO THAT SLOPES AND OTHER BARE EARTH AREAS MAY BE STABILIZED WITH TEMPORARY AND/OR PERMANENT VEGETATIVE COVER FOR PROPER EROSION AND SEDIMENT CONTROL.
- IT IS THE RESPONSIBILITY OF THE LANDOWNER AND/OR CONTRACTOR TO INFORM ANY-SUB-CONTRACTOR(S) WHO MAY PERFORM WORK ON THIS PROJECT, OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS, ASSURE COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.
- LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF THE GUTTERS OR DRAINAGE STRUCTURES SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY SO THAT THE NATURAL FLOW OF WATER IS NOT OBSTRUCTED.
- INLETS EXPOSED TO TRAFFIC WITH INLET FILTER PROTECTION SHALL HAVE FILTER BASKETS WITH OVERFLOW TO ALLOW FOR THE POSITIVE DRAINAGE OF WATER OFF THE ROADWAY. THESE INLETS SHALL BE CLEANED WHEN NECESSARY.
- ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOT'S BEST MANAGEMENT PRACTICES - MAINTENANCE GUIDE: (HTTP://WWW.IDOT.ILLINOIS.GOV/TRANSPORTATION-SYSTEM/ENVIRONMENT/EROSION-AND-SEDIMENT-CONTROL).
- THE CONTRACTOR SHOULD PROVIDE TO THE ENGINEER A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. THE USE OF A STABILIZED FLOW LINE BETWEEN INSTALLED STORM SEWER AND OPEN DISTURBANCE WILL REDUCE THE POTENTIAL FOR THE OFFSITE DISCHARGE OF SEDIMENT-BEARING WATERS, ESPECIALLY WHEN RAIN IS FORECASTED, SO THAT FLOW WILL NOT ERODE. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.
- UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.
- EROSION CONTROL ITEMS ARE CONSIDERED TO BE A HIGH PRIORITY ON THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE ENGINEER.
- TEMPORARY EXCLUSION FENCING AND 7WETLANDS NO INTRUSION SIGNAGE SHOULD BE PROVIDED AT THE BOUNDARY OF UN-IMPACTED WATERS OF THE U.S. FOR CRYSTAL CREEK. THE CONTRACTOR MAY BORROW THE SIGNS FROM THE IDOT BUREAU OF MAINTENANCE. THE PICK UP, INSTALLATION, AND REMOVAL SHALL BE INCLUDED IN THE COST OF PERIMETER EROSION BARRIER.

SOIL EROSION AND SEDIMENT CONTROL SPECIFICATIONS:

A. GENERAL

- THIS SOIL EROSION AND SEDIMENT CONTROL PLAN IS THE MINIMUM TO INITIATE THE PROJECT. IT IS EXPECTED TO CHANGE AS THE PROJECT PROCEEDS. ALL COSTS ASSOCIATED WITH SOIL EROSION AND SEDIMENTATION CONTROL IS THE OWNER'S/DEVELOPER'S RESPONSIBILITY, UNLESS OTHERWISE SPECIFIED IN THE SUPPLEMENTARY CONDITIONS.
- THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF ALL APPLICABLE PROVISIONS OF THE COUNTY CODE, THE ILLINOIS PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL, IEPA STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL, IEPA STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENTATION CONTROL, AND ANY LOCAL POLLUTION CONTROL ORDINANCES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND MAINTENANCE OF ALL TEMPORARY AND PERMANENT SOIL EROSION AND SEDIMENTATION CONTROL MEASURES. ALL EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL PERMANENT VEGETATION AND OR GROUND COVER HAS BEEN ESTABLISHED WITH COVERAGE AT LEAST 70 PERCENT.
- SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE LAND IS OTHERWISE DISTURBED ON THE SITE. BEST MANAGEMENT PRACTICES SHALL BE PERFORMED AND REVISED AS THE PROJECT REQUIRES AT NO EXPENSE TO THE ENGINEER.









B. IMPLEMENTATION

- BEFORE STARTING CLEARING AND SITE GRADING WORK, A STABILIZED CONSTRUCTION ENTRANCE AND SILT FENCES SHALL BE INSTALLED AS SHOWN ON THE PLANS. IF DIRECTED BY THE DESIGNATED EROSION CONTROL INSPECTOR OR LOCAL ENFORCEMENT OFFICER AND/OR COUNTY ENGINEER, THE OWNER/DEVELOPER SHALL INSTALL ADDITIONAL SOIL AND EROSION CONTROL MEASURES AS NEEDED UTILIZING BEST MANAGEMENT PRACTICES.
- THE STABILIZED CONSTRUCTION ENTRANCES SHALL BE MONITORED PERIODICALLY FOR THEIR EFFECTIVENESS TO COLLECT DIRT WHICH COULD LEAVE THE SITE VIA CONSTRUCTION VEHICLES. ANY DEFICIENCIES SHALL BE CORRECTED IMMEDIATELY.
- INLET FILTER BASKETS SHALL BE INSTALLED AND MAINTAINED IN INTAKE STRUCTURES (I.E. INLETS AND CATCH BASINS.)
- IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN 14 DAYS, SEDIMENT AND EROSION CONTROL SHALL BE PROVIDED AROUND SUCH STOCKPILE. ANY PART OF THE STOCKPILE TO REMAIN UNTOUCHED FOR 14 DAYS MUST BE PROTECTED WITH TEMPORARY SOIL AND EROSION CONTROL MEASURES WITHIN 7 DAYS OF THE LAST DAY THE STOCKPILE WAS DISTURBED. TEMPORARY COVER SHALL BE MAINTAINED CONTINUOUSLY UNTIL PERMANENT COVER IS ESTABLISHED.
- WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING, INCLUDING STORM WATER RUNOFF, SHALL BE FILTERED PRIOR TO DISCHARGING TO THE STORM WATER SYSTEM.

C. MAINTENANCE AND INSPECTION

- THE OWNER/DEVELOPER IS ULTIMATELY RESPONSIBLE UNLESS OTHERWISE SPECIFIED IN THE SUPPLEMENTARY CONDITIONS FOR THE INSTALLATION AND MAINTENANCE OF THE SOIL AND EROSION AND SEDIMENTATION CONTROL FOR THIS SITE. PRIOR TO ANY CONSTRUCTION ACTIVITY THE INITIAL SOIL EROSION AND SEDIMENTATION CONTROL MUST BE INSPECTED AND APPROVED BY THE REQUIRED AGENCY AND OR QUALIFIED PERSONNEL.
- QUALIFIED PERSONNEL SHALL INSPECT THE DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN PERMANENTLY STABILIZED, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCH OR GREATER OR EQUIVALENT SNOWFALL AND SIGNIFICANT SNOWMELT.
- DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF/OR POTENTIAL FOR POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINT ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING IMPACTS TO RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFFSITE SEDIMENT TRACKING. BASED ON THE RESULTS OF THE INSPECTION, THE DESCRIPTION OF POTENTIAL POLLUTANT SOURCES IDENTIFIED IN THE PLAN AND POLLUTION PREVENTION MEASURES IDENTIFIED IN THE PLAN SHALL BE REVISED AS APPROPRIATE AS SOON AS PRACTICABLE AFTER SUCH INSPECTION. SUCH MODIFICATIONS SHALL PROVIDE FOR TIMELY IMPLEMENTATION OF ANY CHANGES TO THE PLAN WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE INSPECTION.
- A REPORT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S), AND QUALIFICATIONS OF PERSONNEL/ENGINEER MAKING THE INSPECTION, THE DATE(S) OF THE INSPECTION, AND ACTIONS TAKEN SHALL BE MADE AND RETAINED AS PART OF THE STORM WATER POLLUTION PREVENTION PLAN FOR AT LEAST THREE (3) YEARS AFTER THE DATE OF INSPECTION. THE PERMITTEE SHALL COMPLETE AND SUBMIT WITHIN 24 HOURS AN INCIDENT OF NONCOMPLIANCE OBSERVED DURING AN INSPECTION CONDUCTED. SUBMISSION SHALL BE ON FORMS PROVIDED BY THE AGENCY AND SHALL INCLUDE SPECIFIC INFORMATION ON THE CAUSE OF NON-COMPLIANCE, AND A STATEMENT DETAILING ANY ENVIRONMENTAL IMPACT WHICH MAY HAVE RESULTED FROM THE NON-COMPLIANCE, AN INCIDENT OF NON-COMPLIANCE IS DEFINED AS ANY NOTICEABLE DISCHARGE OF ANY SEDIMENT LEAVING THE SITE.

SOIL EROSION AND SEDIMENT CONTROL CONSTRUCTION LEGEND:

-  EROSION CONTROL BLANKET / HEAVY DUTY EROSION CONTROL BLANKET
TEMPORARY EROSION CONTROL SEEDING
-  PERIMETER EROSION BARRIER
-  STABILIZED CONSTRUCTION ENTRANCE
-  TEMPORARY FENCE
-  TEMPORARY INLET FILTER / INLET & PIPE PROTECTION
-  DITCH FLOW
-  STONE RIP RAP CLASS A4, 16" THICK
WITH FILTER FABRIC
-  TEMPORARY DITCH CHECK

MODEL: Default
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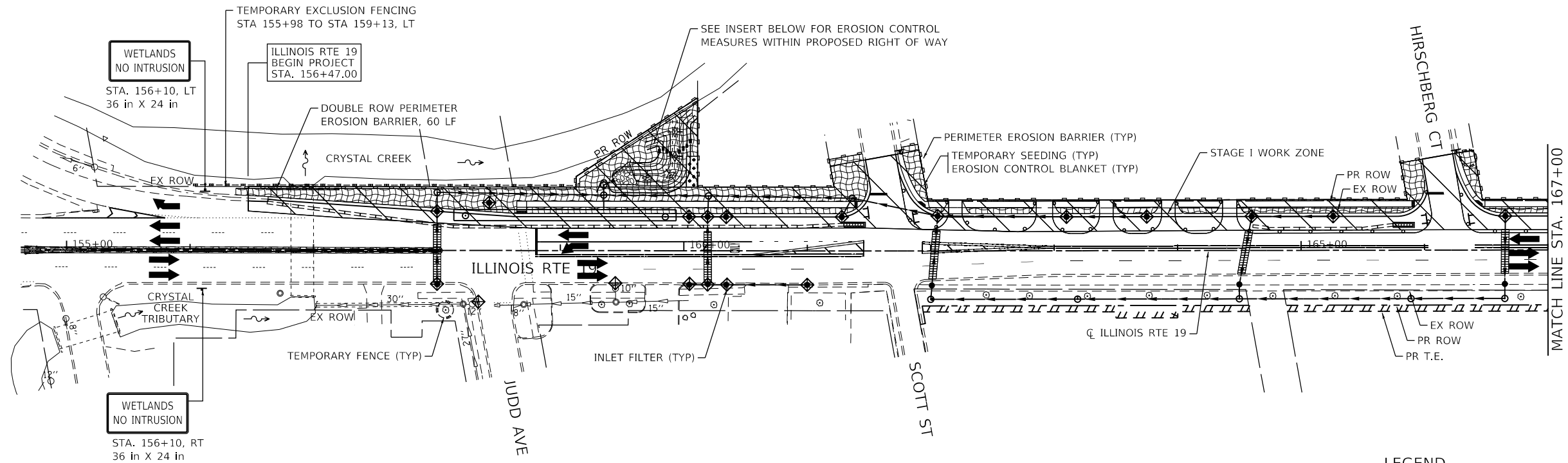
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PLOT DATE = 6/20/2020	DATE - 06/05/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 19 AT JUDD AVENUE
EROSION AND SEDIMENT CONTROL GENERAL NOTES**

SCALE: N.T.S. SHEET 1 OF 6 SHEETS STA. N/A TO STA. N/A

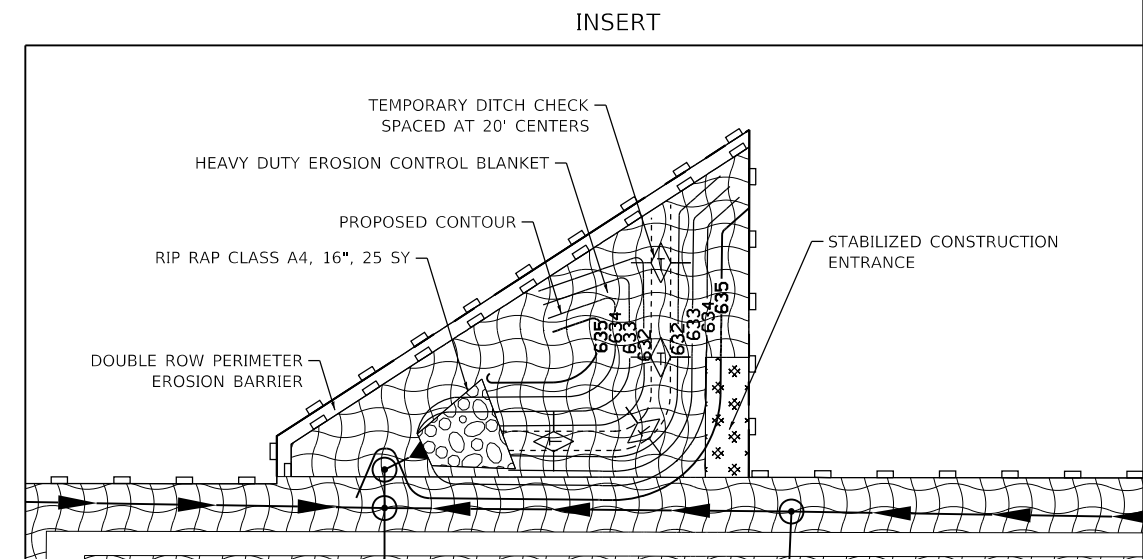
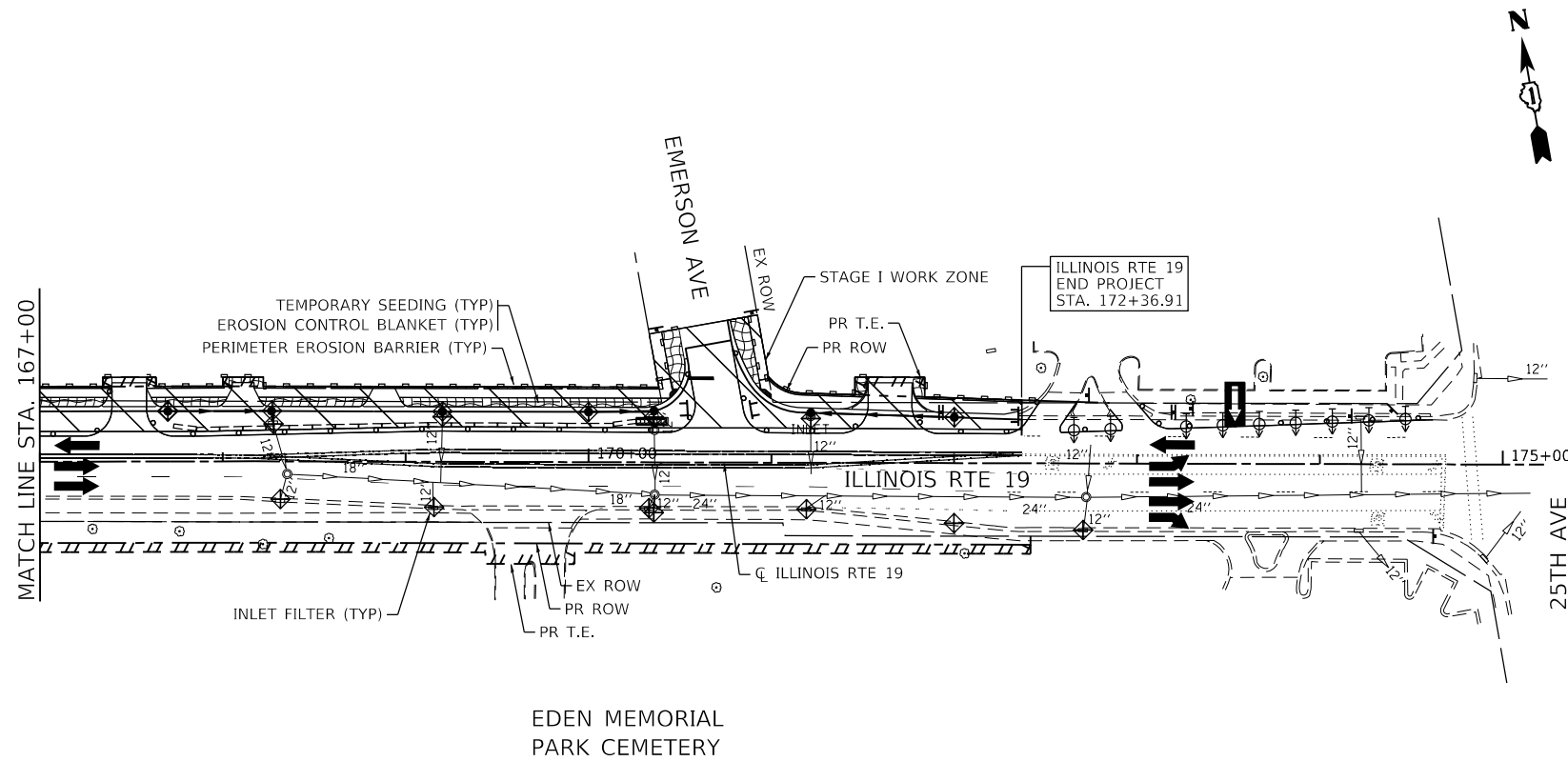
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	35
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				



LEGEND

- EROSION CONTROL BLANKET / HEAVY DUTY EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER
- STABILIZED CONSTRUCTION ENTRANCE
- TEMPORARY FENCE
- TEMPORARY INLET FILTER / INLET & PIPE PROTECTION
- DITCH FLOW
- STONE RIP RAP CLASS A4, 16" THICK WITH FILTER FABRIC
- TEMPORARY DITCH CHECK

NOTE:
DOUBLE ROW PERIMETER EROSION BARRIER SHALL BE INSTALLED ADJACENT TO WETLANDS AND CRYSTAL CREEK



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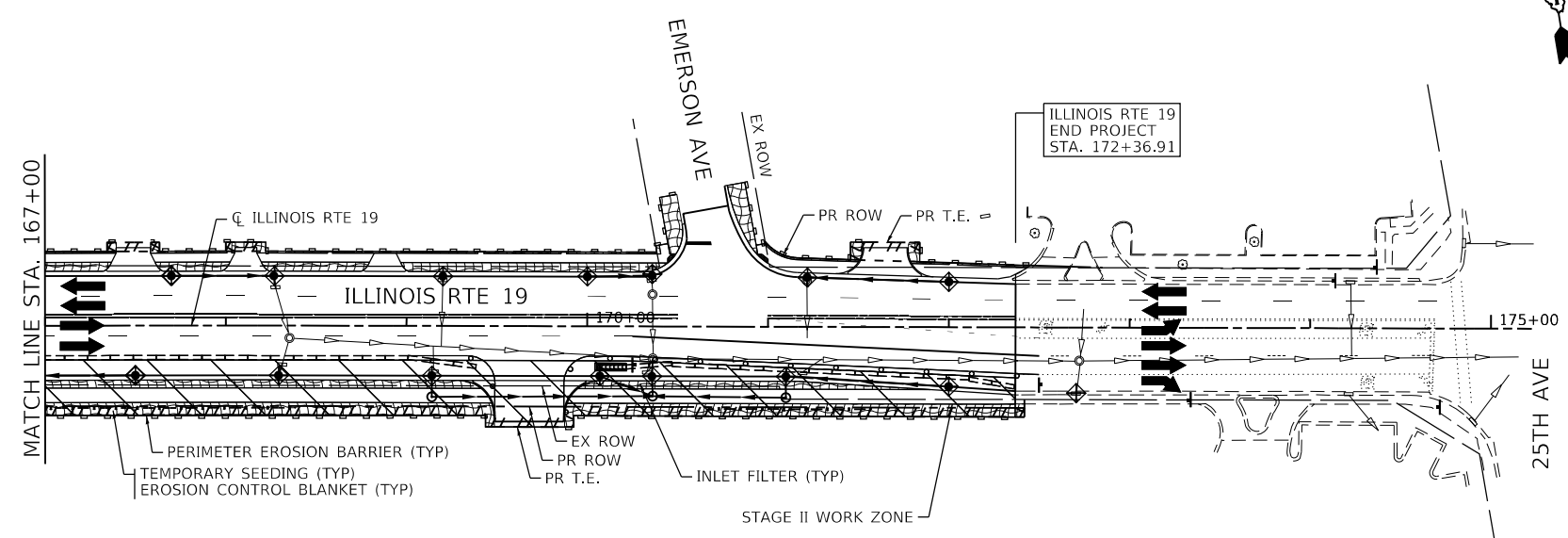
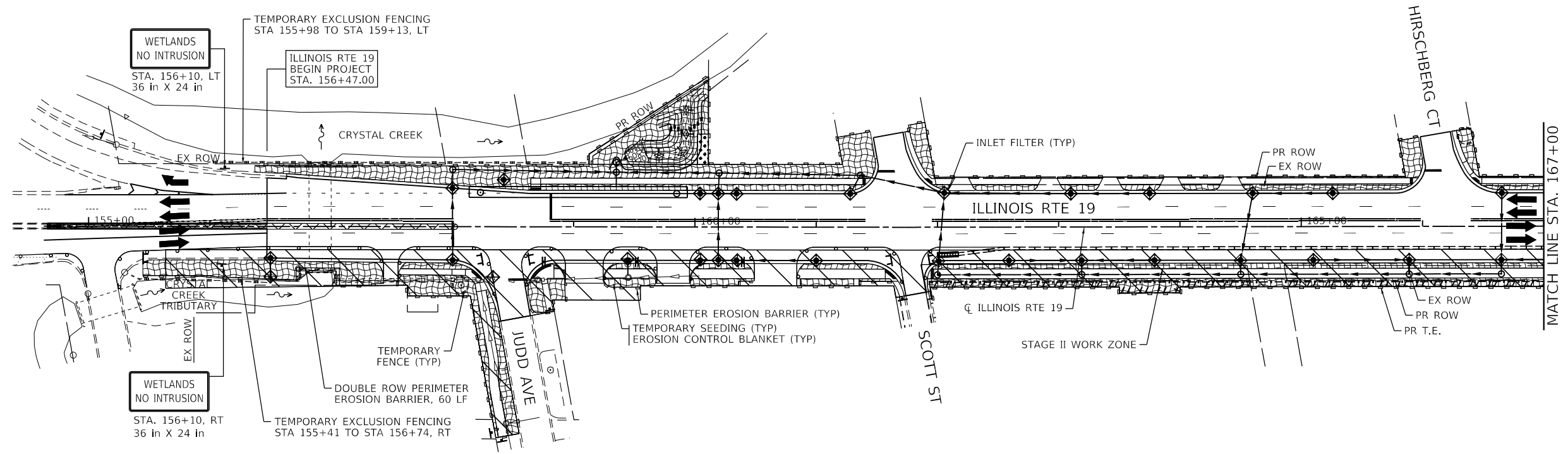
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PLOT DATE = 6/22/2020	DATE - 06/05/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**










**IL RTE 19 AT JUDD AVENUE
EROSION AND SEDIMENT CONTROL - STAGE I**

SCALE: 1" = 50' SHEET 2 OF 6 SHEETS STA. 156+47 TO STA. 172+37

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	36
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				



LEGEND

-  EROSION CONTROL BLANKET / HEAVY DUTY EROSION CONTROL BLANKET
-  TEMPORARY EROSION CONTROL SEEDING
-  PERIMETER EROSION BARRIER
-  STABILIZED CONSTRUCTION ENTRANCE
-  TEMPORARY FENCE
-  TEMPORARY INLET FILTER / INLET & PIPE PROTECTION
-  DITCH FLOW
-  STONE RIP RAP CLASS A4, 16" THICK WITH FILTER FABRIC
-  TEMPORARY DITCH CHECK

NOTE:
DOUBLE ROW PERIMETER EROSION BARRIER SHALL BE INSTALLED ADJACENT TO WETLANDS AND CRYSTAL CREEK

EDEN MEMORIAL
PARK CEMETERY

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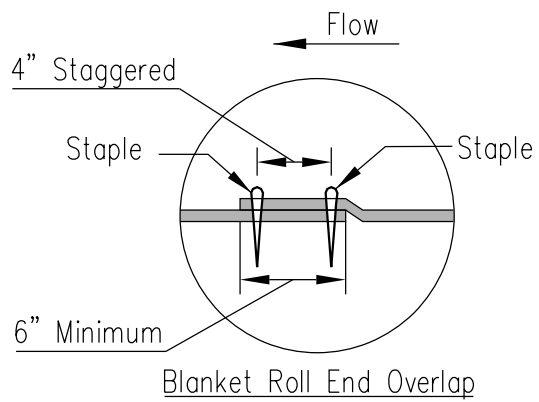
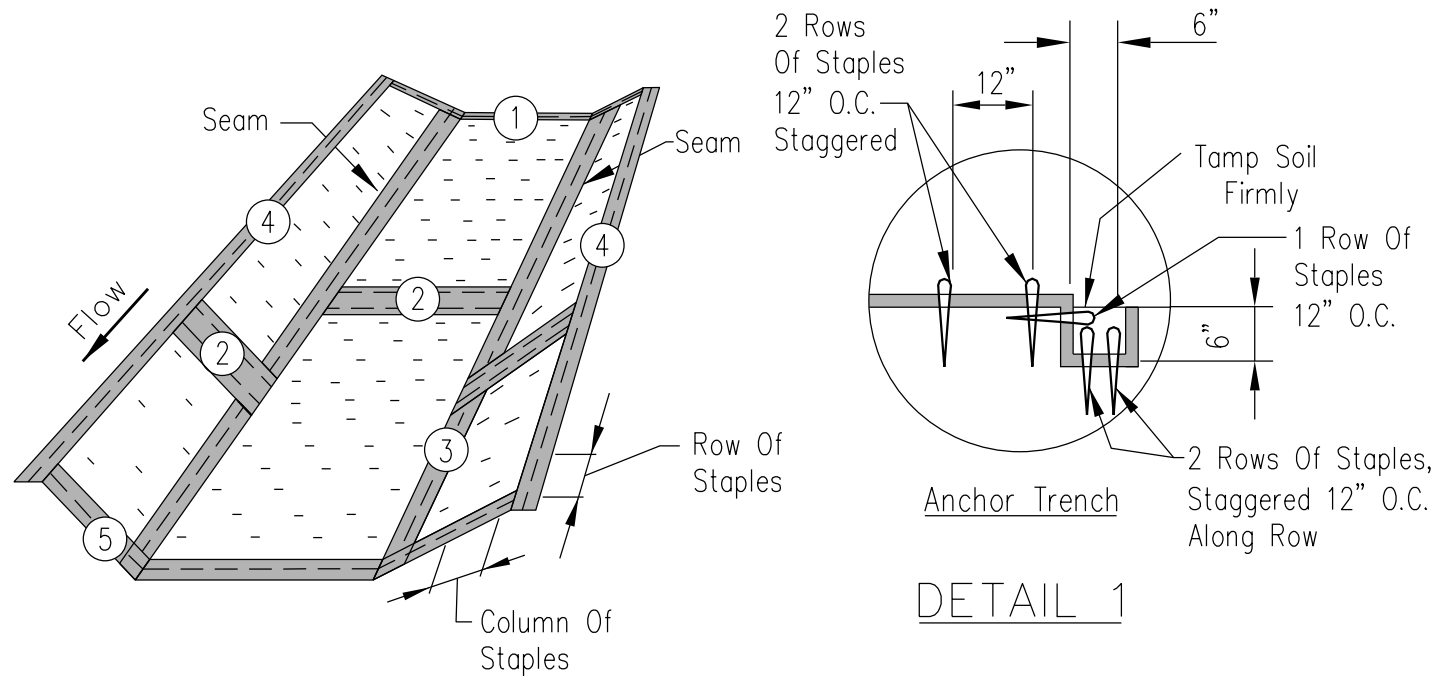


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PLOT DATE = 6/22/2020	DATE - 06/05/2020	REVISED -

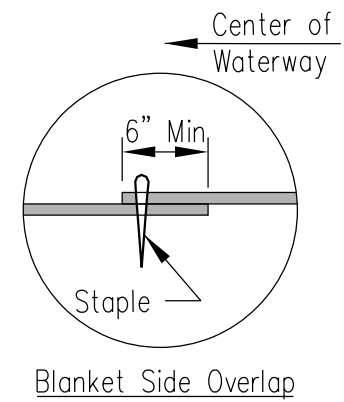
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL RTE 19 AT JUDD AVENUE EROSION AND SEDIMENT CONTROL - STAGE II	
SCALE: 1" = 50'	SHEET 3 OF 6 SHEETS
STA. 156+47	TO STA. 172+37

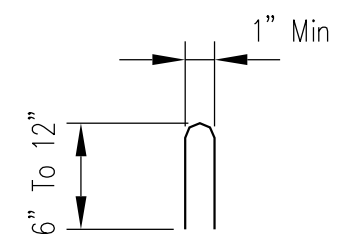
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345	3058A-N(14)	COOK	106	37
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				



DETAIL 2



DETAIL 3

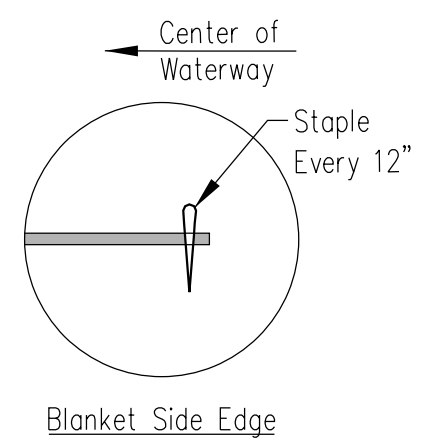


STAPLE DETAIL

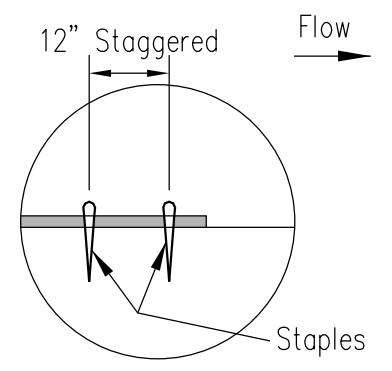
Waterway #			
Waterway Width (ft)			
ECB Width (ft)			
Length (ft)			
Stations	_____ to _____	_____ to _____	_____ to _____

- NOTES:
- The erosion control blanket consists of a machine produced mat of specified material. The product must meet the minimum requirements specified in Table 1, below. Ensure that the product is new and unused, and is furnished in rolls. Alternative materials may be used upon approval by the designer.
 - Prepare soil prior to installing erosion control blanket, including seeding, fertilizing, and lime application.
 - The erosion control blanket is to be placed in firm contact with the soil and not be allowed to bridge over surface irregularities. The blanket can not be stretched.
 - Install the erosion control blanket according to manufacturer's instructions. If no manufacturer's instructions are available, install the blanket as follows:
 - Use "U" shaped staples, 0.12 in diameter wire or greater (#11 gauge). See Staple Detail for dimensions.
 - Bury upstream end of blanket in a trench 6 inch wide by 6 inch deep and stapled in staggered rows across the width as shown in Detail 1.
 - For joining ends of rolls, overlap end of upslope blanket a minimum of 6 inches over downslope blanket (shingle style). Use a double row of staggered staples 4 inches apart, as shown in Detail 2.
 - Overlap blankets on side slopes a minimum 6 inches over the blanket below (shingle style). Staple overlap at 12 inch intervals. See Detail 3.
 - Staple the outer edge along sides of the blanket every 12 inches. See Detail 4.
 - Staples are to be placed alternately in columns (in the direction of the waterway) 2 feet apart and in rows (across the waterway) 3 feet apart, throughout the area covered by erosion blanket.
 - Downstream (terminal) end of blanket are to be stapled with a double row of staggered staples 12 inches apart. See Detail 5.
 - Start laying the blankets by rolling center blanket in the direction of flow, centered on the centerline of waterway. No overlap of blankets at the center of the waterway.

(See Note 1)	Coconut Blanket	Wood Fiber Blanket	
Type of Fiber	100% coconut fibers	100% curled wood fibers	
Weight, lbs/sq. yd.	0.50	0.63	
Life Expectancy			
Fiber Length	N/A	80% of fibers > 6 in.	
Fiber Dimensions	N/A	0.021 in. x 0.042 in.	
Netting			
Netting Required ? <input type="checkbox"/> Yes <input type="checkbox"/> No	Cover Top and bottom of blanket with a max. 5/8" x 5/8" opening size netting, bound to the mat on max. 1.5" centers.	Cover Top and bottom of blanket with a max. 5/8" x 5/8" opening size netting	



DETAIL 4



DETAIL 5

Not To Scale

Date _____
 Designed _____
 Drawn M. QUINONES 7/1/15
 Checked _____
 Approved _____

EROSION CONTROL BLANKET
 INSTALLATION DETAILS

United States
 Department of
 Agriculture
USDA
 Natural Resources
 Conservation Service

File No.
 IL ENG-61
 Drawing No.
 Page 1 of 1

Sheet _____ of _____

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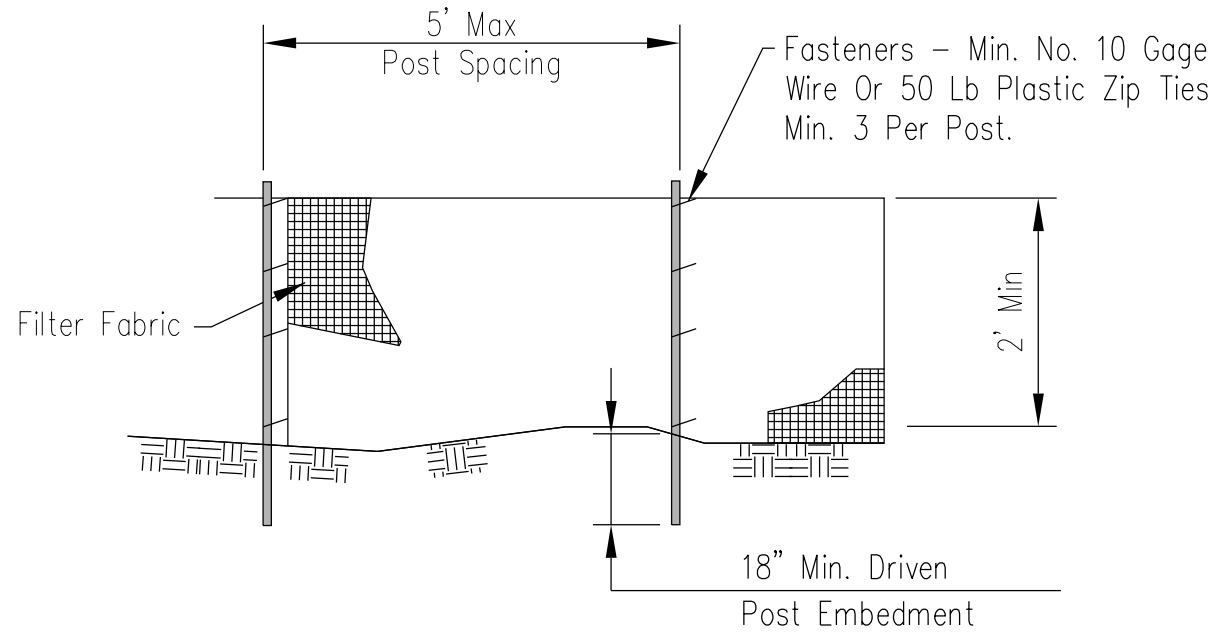
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PLOT DATE = 6/20/2020	DATE - 06/05/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

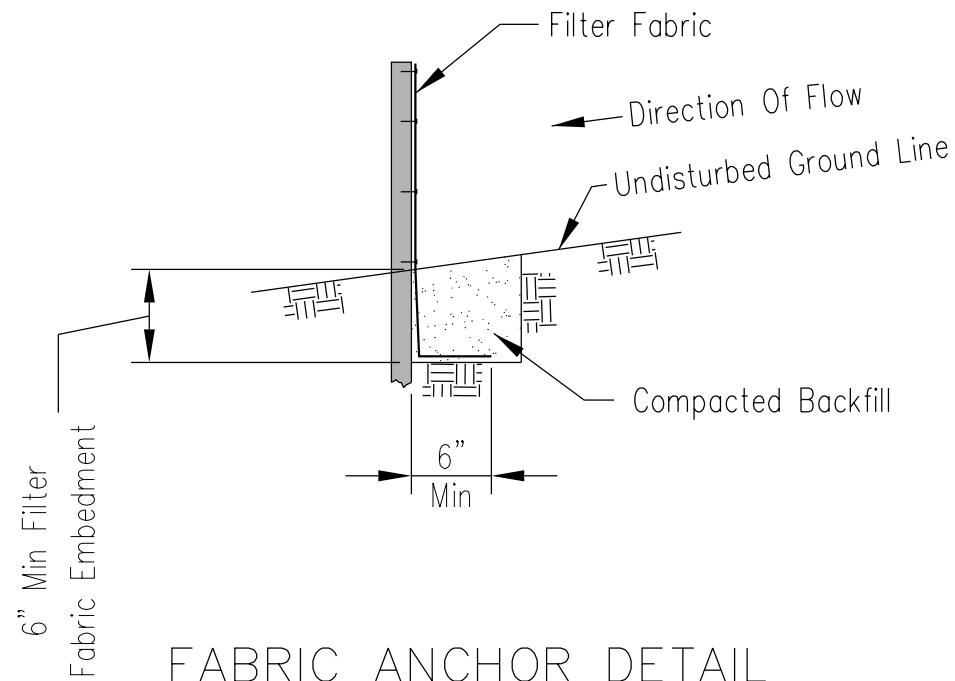
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 EROSION AND SEDIMENT CONTROL DETAILS**

SCALE: N.T.S. SHEET 4 OF 6 SHEETS STA. N/A TO STA. N/A

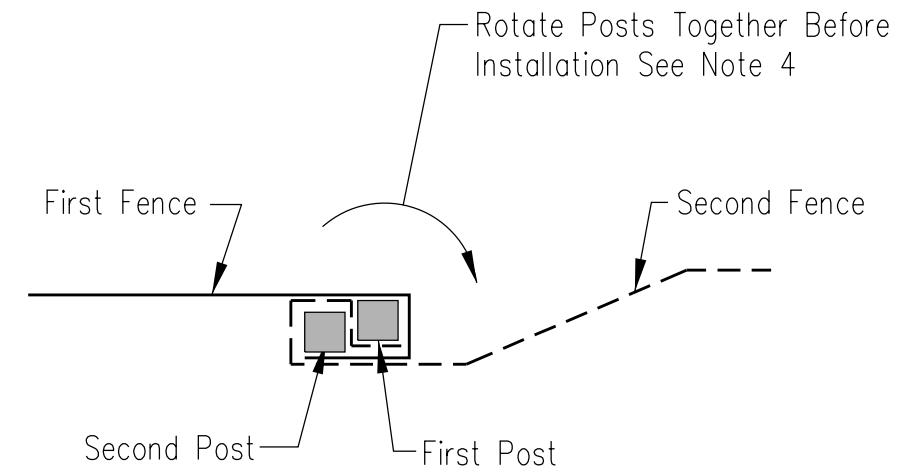
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345	3058A-N(14)	COOK	106	38
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				



ELEVATION



FABRIC ANCHOR DETAIL



SPLICE DETAIL-PLAN VIEW

NOTES:

1. Temporary silt fence shall be installed prior to any grading work in the area to be protected. Fence shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
2. Filter fabric shall meet the requirements of material specification 592 Geotextile Table 1 or 2, Class I with equivalent opening size of at least 30 for nonwoven and 50 for woven.
3. Fence posts shall be either wood post with a minimum cross-sectional area of 1.5" X 1.5" or a standard steel post.
4. When splices are necessary make splice at post according to splice detail. Place the end post of the second fence inside the end post of the first fence. Rotate both posts together at least 180 degrees to create a tight seal with the fabric material. Cut the fabric near the bottom of the posts to accommodate the 6 inch flap. Then drive both posts and bury the flap. Compact backfill well.

NOTE:

1. THIS WORK SHALL BE PAID FOR AS PERIMETER EROSION BARRIER

SILT FENCE

United States Department of Agriculture
USDA
 Natural Resources Conservation Service

File No.
 IL-ENG-49

Drawing No.

Page 1 of 1

Sheet of

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PLOT DATE = 6/20/2020	DATE - 06/05/2020	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

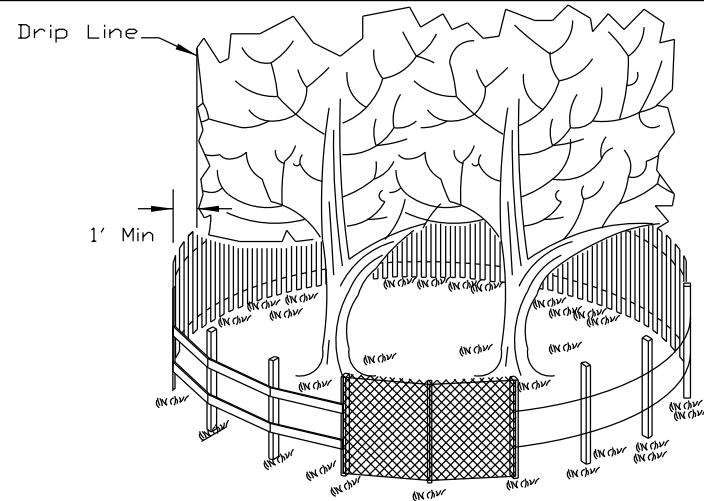
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 EROSION AND SEDIMENT CONTROL DETAILS

SCALE: N.T.S. SHEET 5 OF 6 SHEETS STA. N/A TO STA. N/A

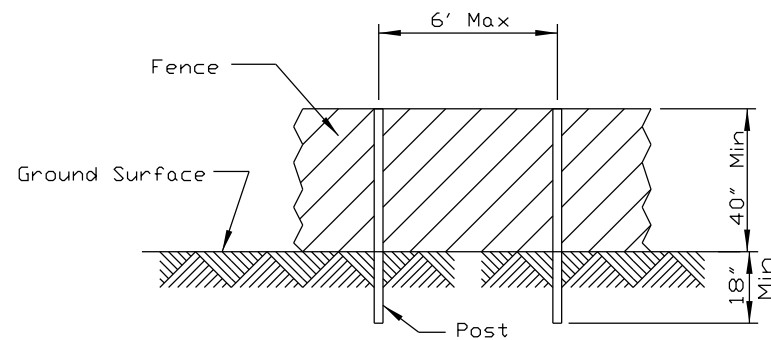
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	39
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				

Designed	Date
Drawn	M. QUINONES
Checked	8/1/14
Approved	

TREE PROTECTION - FENCING



SIDE VIEW



POST AND FENCE DETAIL

NOTES:

- The fence shall be located a minimum of 1 foot outside the drip line of the tree to be saved and in no case closer than 5 feet to the trunk of any tree.
- Fence posts shall be either standard steel posts or wood posts with a minimum cross sectional area of 3.0 sq. in.
- The fence may be either 40" high snow fence, 40" plastic web fencing or any other material as approved by the engineer/inspector.

REFERENCE
 Project _____
 Designed _____ Date _____
 Checked _____ Date _____
 Approved _____ Date _____



STANDARD DWG. NO.
 IL-690
 SHEET 1 OF 1
 DATE 4-7-94

CONTROL MEASURE GROUP	CONTROL MEASURE	APPL.	KEY	CONTROL MEASURE CHARACTERISTICS	TEMP.	PERMIT
VEGETATIVE SOIL COVER	TEMPORARY SEEDING	X	(TS)	PROVIDES QUICK TEMPORARY COVER TO CONTROL EROSION WHEN PERMANENT SEEDING IS NOT DESIRED OR TIME OF YEAR IS INAPPROPRIATE.	X	
	PERMANENT SEEDING	X	(PS)	PROVIDES PERMANENT VEGETATIVE COVER TO CONTROL EROSION, FILTERS SEDIMENT FROM WATER. MAY BE PART OF FINAL LANDSCAPE PLAN.		X
	DORMANT SEEDING		(DS)	SAME AS PERMANENT SEEDING EXCEPT IS DONE DURING DORMANT SEASON. HIGHER RATES OF SEED APPLICATION ARE REQUIRED.	X	X
	SODDING	X	(SO)	QUICK PERMANENT COVER TO CONTROL EROSION. QUICK WAY TO ESTABLISH VEGETATION FILTER STRIP. CAN BE USED ON STEEP SLOPES OR IN DRAINAGEWAYS WHERE SEEDING MAY BE DIFFICULT.	X	X
	GROUND COVER		(GC)	PROVIDES GROUND COVER, SHRUBS AND TREES IN ADDITION TO PERMANENT VEGETATION. MAY BE USED AS PART OF A FINAL LANDSCAPE PLAN ALONG WITH SHRUBS AND TREES.		X
NON VEGETATIVE SOIL COVER	MULCHING	X	(M)	ADDED INSURANCE OF A SUCCESSFUL TEMPORARY OR PERMANENT SEEDING. CONTROLS UNWANTED VEGETATION AND PRESERVES MOISTURE. PROVIDES COVER WHERE VEGETATION CANNOT BE ESTABLISHED.	X	X
	AGGREGATE COVER		(AG)	PROVIDES SOIL COVER ON ROADS AND PARKING LOTS AND AREAS WHERE VEGETATION CANNOT BE ESTABLISHED. PREVENTS MUD FROM BEING PICKED UP AND TRANSPORTED OFF-SITE.	X	X
	PAVING	X	(P)	PROVIDES PERMANENT COVER ON PARKING LOTS AND ROADS OR OTHER AREAS WHERE VEGETATION CANNOT BE ESTABLISHED.		X
DIVERSIONS	RIDGE DIVERSION		(RD)	TYPICALLY USED ABOVE SLOPES. USED WHERE AN EXCESS OF SOIL IS AVAILABLE.	X	X
	CHANNEL DIVERSION		(CD)	TYPICALLY USED AT TOP OR BASE OF SLOPES. USED WHEN EXCESS SOIL IS NOT AVAILABLE.	X	X
	COMBINATION DIVERSION		(DC)	TYPICALLY USED ANYWHERE ON A SLOPE. SOIL TAKEN OUT OF CHANNEL IS USED TO BUILD THE RIDGE.	X	X
	CURB AND GUTTER	X	(CG)	SPECIAL CASE OF DIVERSION USED IN CONJUNCTION WITH A STREET TO DIVERT WATER FROM AN AREA NEEDING PROTECTION.		X
	BENCHES		(B)	SPECIAL CASE OF DIVERSION CONSTRUCTED WHEN WORKING ON CUT SLOPES TO SHORTEN LENGTH OF SLOPE AND ADD SLOPE STABILITY.	X	X
WATERWAYS	BARE CHANNEL		(BC)	PROVIDES MEANS OF CONVEYING RUNOFF TO DESIRED LOCATION. MAY BE USED TO DRAIN DEPRESSIONAL AREAS. ONLY APPLICABLE WHEN VELOCITY OF FLOW IS VERY LOW.	X	
	VEGETATIVE CHANNEL		(VC)	PROVIDES ADDED STABILITY TO CHANNEL. USED WHEN VELOCITY OF FLOW IS NOT EXTREMELY FAST.	X	X
	LINED CHANNEL		(LC)	USED WHEN VEGETATION WILL NOT PROTECT THE CHANNEL AGAINST HIGH VELOCITIES OF FLOW OR WHERE VEGETATION CANNOT BE ESTABLISHED.	X	X
ENCLOSED DRAINAGE	STORM SEWER	X	(ST)	CAN BE USED TO CONVEY SEDIMENT LADEN WATER TO SEDIMENT BASIN OR IN CONJUNCTION WITH A WATERWAY.		X
	UNDERDRAIN	X	(UD)	USED TO LOWER WATER TABLE AND INTERCEPT GROUNDWATER FOR BETTER VEGETATION GROWTH AND SLOPE STABILITY. USED TO CARRY BASE FLOW IN WATERWAYS AND TO DEWATER SEDIMENT BASINS.	X	X
SPILLWAYS	STRAIGHT PIPE SPILLWAY		(SS)	USED FOR RELATIVELY SMALL VERTICAL DROPS AND SMALL FLOWS OF WATER.		X
	DROP INLET PIPE SPILLWAY		(DIS)	SAME AS PIPE SPILLWAY EXCEPT LARGER FLOWS AND LARGE VERTICAL DROPS CAN BE ACCOMMODATED.		X
	WEIR SPILLWAY		(W)	USED FOR RELATIVELY SMALL VERTICAL DROPS AND FLOWS MUCH GREATER THAN PIPE STRUCTURES.	X	X
	BOX INLET WEIR SPILLWAY		(BS)	SAME AS WEIR SPILLWAY EXCEPT LARGER FLOWS CAN BE ACCOMMODATED BECAUSE OF LOWER WEIR LENGTH.	X	X
OUTLETS	LINED APRON	X	(LA)	PROTECTS DOWNSTREAM CHANNEL FROM HIGH VELOCITY OF FLOW DISCHARGING FROM STRUCTURES.	X	X
SEDIMENT BASINS	EMBANKMENT SEDIMENT BASIN		(ES)	USED WHERE TOPOGRAPHY LENDS ITSELF TO CONSTRUCTING A DAM AND EARTH FILL IS AVAILABLE.	X	X
	EXCAVATED SEDIMENT BASIN		(XS)	USED WHERE EMBANKMENT COULD CAUSE A HAZARD DOWNSTREAM IN CASE OF FAILURE AND WHEN EXCESS EARTH FILL IS NOT AVAILABLE.	X	X
	COMBINATION SEDIMENT BASIN		(CS)	USED WHEN TOPOGRAPHY IS SUITABLE BUT ADDITIONAL CAPACITY IS NEEDED.	X	X
SEDIMENT FILTERS	BARRIER FILTER		(BF) (C)	USED FOR SINGLE LOTS OR DRAINAGE AREAS LESS THAN 1/4 ACRE TO FILTER SEDIMENT FROM RUNOFF.	X	
	VEGETATIVE FILTER		(VF)	USED ALONG DRAINAGEWAYS OR PROPERTY LINES TO FILTER SEDIMENT FROM RUNOFF. SIZE MUST BE INCREASED IN PROPORTION TO DRAINAGE AREA.	X	X
MUD AND DUST CONTROL	STABILIZED CONST. ENTRANCE	X	(SE)	PREVENT MUD FROM BEING PICKED UP AND CARRIED OFF-SITE.	X	X
	DUST AND TRAFFIC CONTROL	X	(DT)	PREVENTS DUST FROM LEAVING CONSTRUCTION SITE.	X	X

MODEL: Defaul
 FILE NAME: W0357029 MRS=BLA IDOT Var W037 IL 19ICADD_Sheets\160721-1-18-erosion_control_details_03.dwg



USER NAME = WTeng	DESIGNED - WINSON TENG	REVISED -
	DRAWN - WINSON TENG	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - MATTHEW CESARIO	REVISED -
PLOT DATE = 6/20/2020	DATE - 06/05/2020	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL RTE 19 AT JUDD AVENUE
 EROSION AND SEDIMENT CONTROL DETAILS

SCALE: N.T.S. SHEET 6 OF 6 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	40
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				

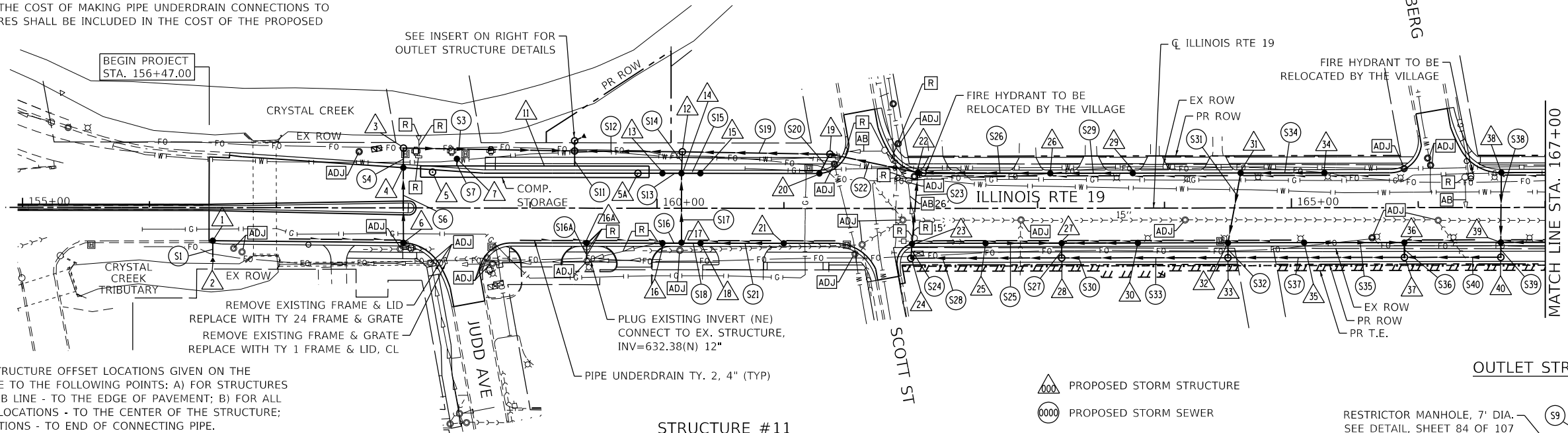
NOTES

1. PIPE UNDERDRAINS TYPE 2 SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE STANDARD SPECIFICATIONS AND STANDARD 601001. TOP OF PIPE UNDERDRAINS SHALL BE PLACED 6" BELOW THE PROPOSED SUBGRADE OR AS DEEP AS POSSIBLE. THE COST OF MAKING PIPE UNDERDRAIN CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PROPOSED PIPE UNDERDRAINS.

2. STORM WATER STRUCTURE OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS ARE TO THE FOLLOWING POINTS: A) FOR STRUCTURES FALLING IN THE CURB LINE - TO THE EDGE OF PAVEMENT; B) FOR ALL OTHER STRUCTURE LOCATIONS - TO THE CENTER OF THE STRUCTURE; C) FLARED END SECTIONS - TO END OF CONNECTING PIPE.

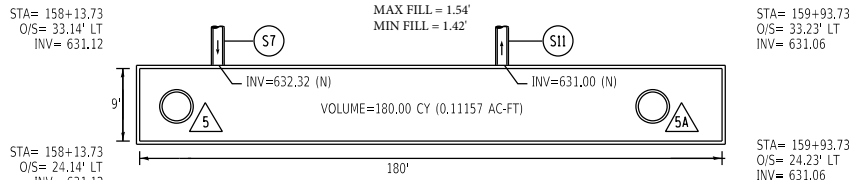
3. EXISTING STREET LIGHTING REMOVAL AND REPLACEMENT SHALL BE COORDINATED WITH THE IDOT AND THE VILLAGE OF SCHILLER PARK. THIS WORK SHALL BE COMPLETED AND PAID FOR BY THE VILLAGE OF SCHILLER PARK.

4. ADJUSTMENTS AND RELOCATIONS OF THE EXISTING WATERMAIN, FIRE HYDRANTS, VALVES, ETC. SHALL BE COORDINATED WITH THE VILLAGE OF SCHILLER PARK.



STRUCTURE #11
 9'(W) X 3'(H) X 180'(L)
 REINFORCED CONCRETE BOX CULVERT
 (COMPENSATORY STORAGE)

100 YEAR NWL = 637.09
 10 YEAR NWL = 635.37
 MAX FILL = 1.54'
 MIN FILL = 1.42'

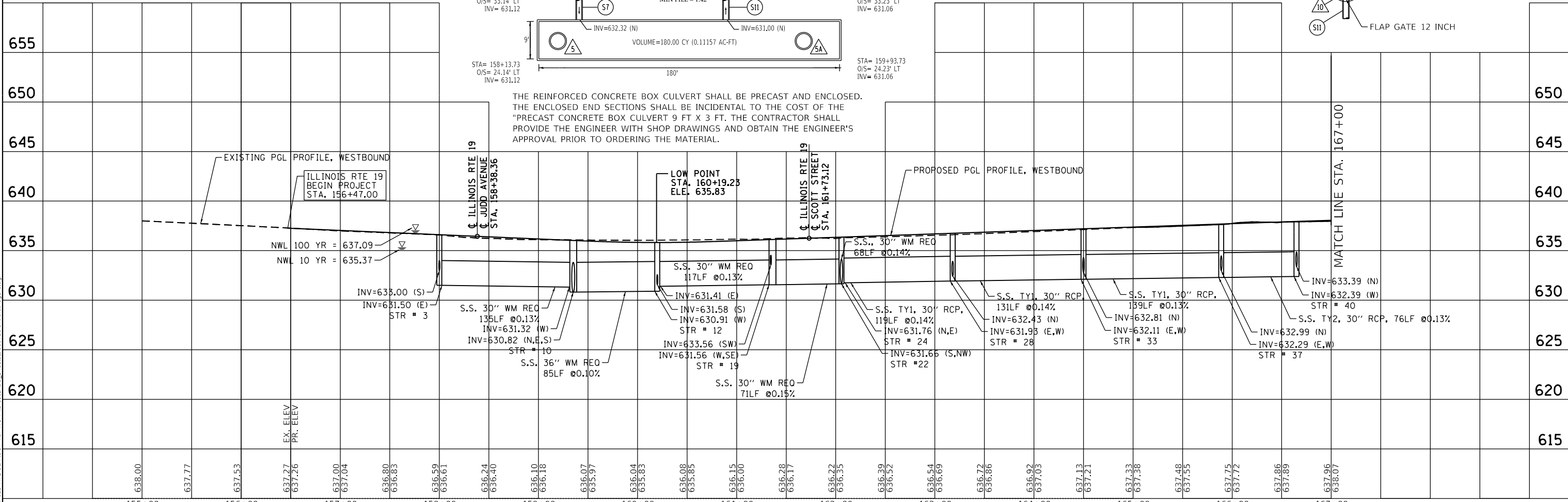
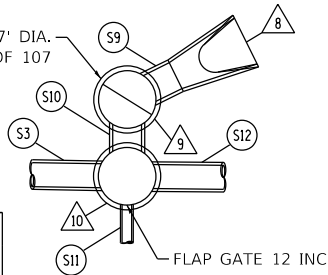


THE REINFORCED CONCRETE BOX CULVERT SHALL BE PRECAST AND ENCLOSED. THE ENCLOSED END SECTIONS SHALL BE INCIDENTAL TO THE COST OF THE "PRECAST CONCRETE BOX CULVERT 9 FT X 3 FT. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH SHOP DRAWINGS AND OBTAIN THE ENGINEER'S APPROVAL PRIOR TO ORDERING THE MATERIAL.

- ▲ PROPOSED STORM STRUCTURE
- PROPOSED STORM SEWER
- R EXISTING STRUCTURE TO BE REMOVED
- AB EXISTING STORM SEWER TO BE ABANDONED AND FILLED
- ADJ EXISTING STRUCTURE TO BE ADJUSTED

RESTRICTOR MANHOLE, 7' DIA.
 SEE DETAIL, SHEET 84 OF 107

OUTLET STRUCTURE DETAIL

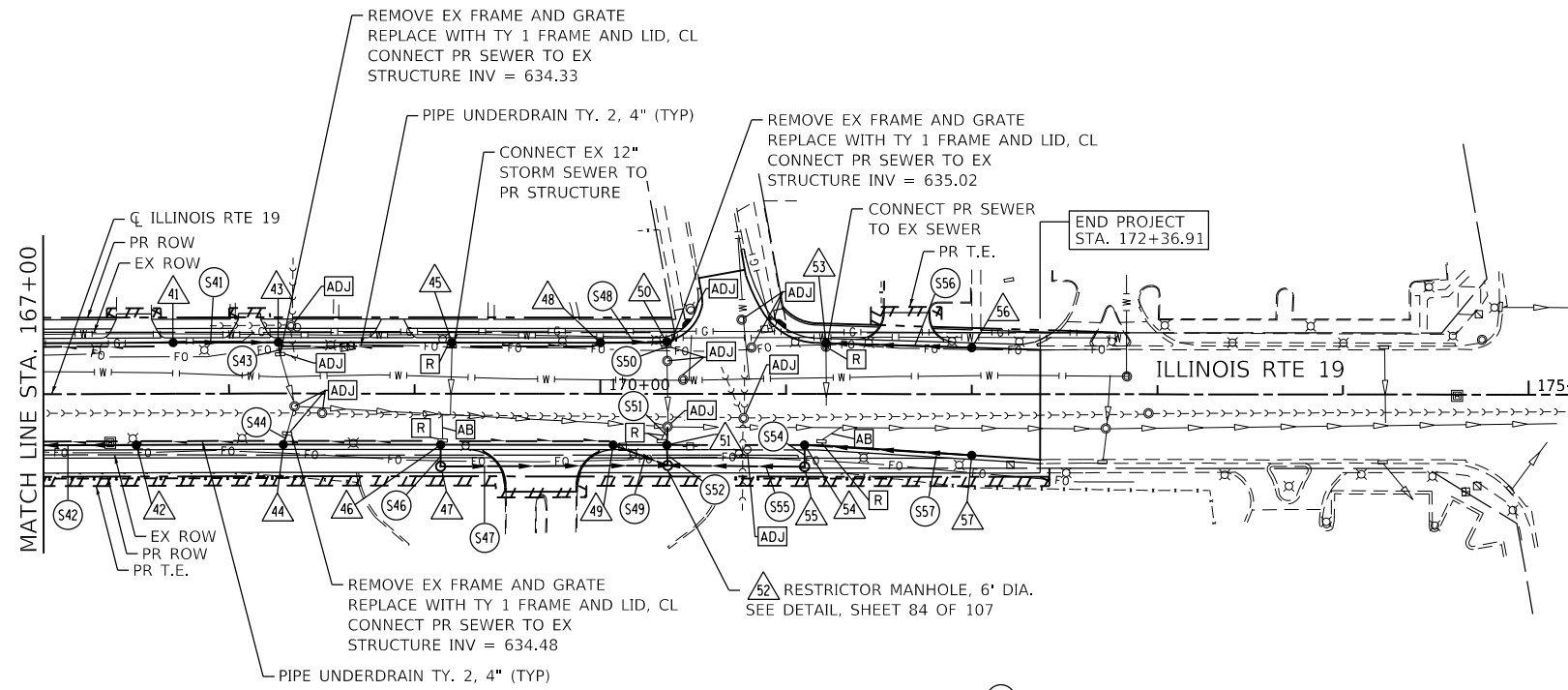


DATE	
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REVISION	
NO.	

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATION	
	NO.	

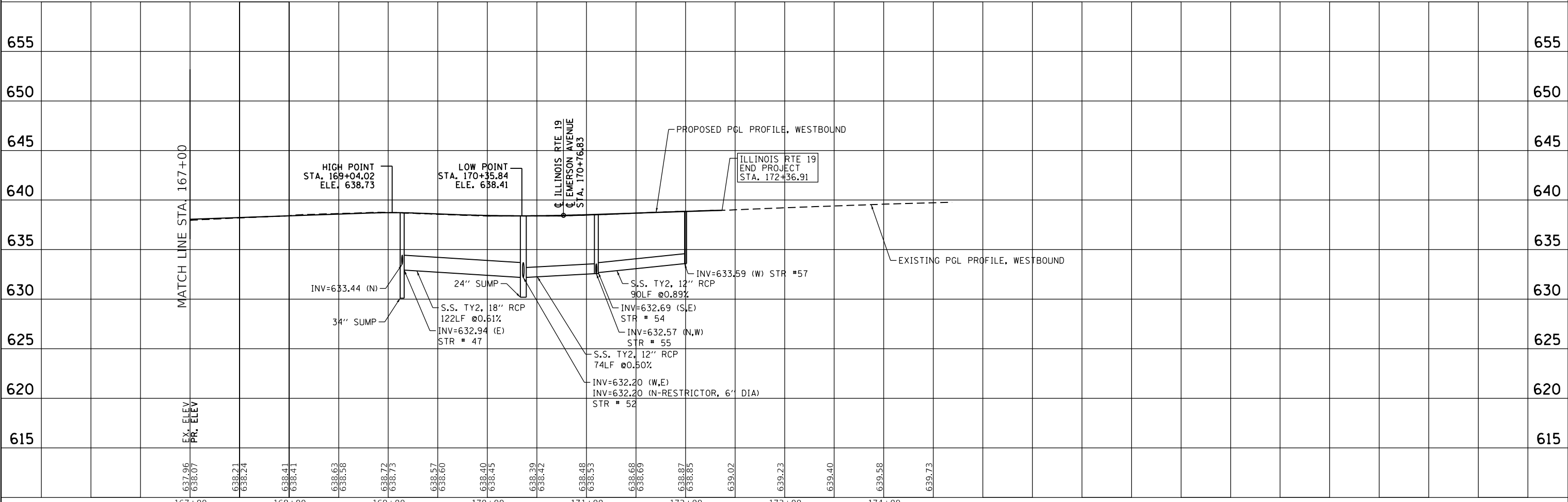


NOTE: PR STORM SEWER (S51) SHALL CONNECT TO EX STRUCTURE, INVERT = 631.30. PLUG SW INVERT OF EX STRUCTURE.



- NOTES**
- PIPE UNDERDRAINS TYPE 2 SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE STANDARD SPECIFICATIONS AND STANDARD 601001. TOP OF PIPE UNDERDRAINS SHALL BE PLACED 6" BELOW THE PROPOSED SUBGRADE OR AS DEEP AS POSSIBLE. THE COST OF MAKING PIPE UNDERDRAIN CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PROPOSED PIPE UNDERDRAINS.
 - STORM WATER STRUCTURE OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS ARE TO THE FOLLOWING POINTS: A) FOR STRUCTURES FALLING IN THE CURB LINE - TO THE EDGE OF PAVEMENT; B) FOR ALL OTHER STRUCTURE LOCATIONS - TO THE CENTER OF THE STRUCTURE; C) FLARED END SECTIONS - TO END OF CONNECTING PIPE.
 - EXISTING STREET LIGHTING REMOVAL AND REPLACEMENT SHALL BE COORDINATED WITH THE IDOT AND THE VILLAGE OF SCHILLER PARK. THIS WORK SHALL BE COMPLETED AND PAID FOR BY THE VILLAGE OF SCHILLER PARK.
 - ADJUSTMENTS AND RELOCATIONS OF THE EXISTING WATERMAIN, FIRE HYDRANTS, VALUES, ETC. SHALL BE COORDINATED WITH THE VILLAGE OF SCHILLER PARK.
 - CONNECTION OF PR STRUCTURES #45 AND #53 TO EX SEWER PIPES SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM STRUCTURE; REFER TO GENERAL NOTE #20.

- PROPOSED STORM STRUCTURE
- PROPOSED STORM SEWER
- EXISTING STRUCTURE TO BE CLEANED
- EXISTING STRUCTURE TO BE REMOVED
- EXISTING STORM SEWER TO BE ABANDONED AND FILLED
- EXISTING STRUCTURE TO BE ADJUSTED



MODEL: Default
FILE NAME: W9997-029 MFS-BLA IDOT Var W02-7 IL 19ICADD_SheetsID160721-1st-cdrainage-2.dgn

USER NAME = WJTeng	DESIGNED -	REVISED -
	DRAWN - WJT	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - MTC	REVISED -
PLOT DATE = 6/20/2020	DATE - 06/05/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 19 AT JUDD AVENUE
DRAINAGE AND UTILITIES**

1" = 5' VERT
SCALE: 1" = 50' SHEET 2 OF 2 SHEETS STA. 167+00 TO STA. 172+37

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	42
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				

STORM SEWER STRUCTURE TABLE

STRUCTURE NO.	STATION	OFFSET	STRUCTURE		F&G	INVERT ELEVATION	RIM ELEV.
			TYPE				
1	156+50.00	26.03 RT	CB	C	24	634.17 (S) 12"	636.78
2	156+50.00	42.60 RT	FES	12"		634.00 (N) 12"	--
3	158+00.23	47.14 LT	MH	5' A	TY 1 CL	631.50 (E) 30", 633.00 (S) 12"	636.00
4	158+00.00	31.72 LT	CB	4' A	24	633.15 (N, S) 12"	636.08
5	158+23.09	28.18 LT	MH	4' A	TY 1 CL	CONSTRUCTED ON BOX CULVERT	636.05
5A	159+85.00	22.00 LT	MH	4' A	TY 1 CL	CONSTRUCTED ON BOX CULVERT	635.41
6	158+00.25	27.43 RT	IN	A	24	633.74 (N) 12", 633.34 (W) 4"	636.17
7	158+42.31	38.68 LT	CB	C	8	632.41 (S) 12"	635.40
8	159+40.16	55.55 LT	FES	36"		630.79 (SW) 36"	--
9	159+35.13	53.05 LT	MH	7' A w/ RESTRICT	TY 1 CL	630.80 (NE) 36", 630.80 (S) RESTRICTOR Inv. 12.75" dia. ORIFICE, TOP PLATE = 633.50	635.50
10	159+35.13	45.05 LT	MH	7' A w/ FLAP GATE	TY 1 CL	630.82 (N, E) 36", 630.82 (S) 12", 631.32 (W) 30"	635.50
11	--	--					--
12	160+19.92	44.44 LT	MH	5' A	TY 1 CL	630.91 (W) 36", 631.41 (E) 30", 631.58 (S) 12"	635.69
13	160+04.23	27.50 LT	IN	A	24	631.66 (E) 12"	635.39
14	160+19.23	27.50 LT	CB	4' A	24	631.64 (N, S, E, W) 12"	635.38
15	160+34.23	27.50 LT	IN	A	24	631.66 (W)	635.39
16	160+04.34	27.50 RT	IN	A	24	632.00 (E) 12", 632.56 (W) 4"	635.39
16A	159+44.60	27.50 RT	CB	C	24	632.50 (S) 12"	635.50
17	160+19.40	27.50 RT	CB	4' A	24	631.92 (N, E, W) 12"	635.38
18	160+34.40	27.50 RT	CB	4' A	24	632.00 (E, W) 12", 632.56 (NE) 4"	635.39
19	161+36.15	42.75 LT	MH	7' A	TY 1 CL	631.56 (W, SE) 30", 633.56 (SW) 12"	635.89
20	161+28.00	27.55 LT	CB	C	24	633.65 (NE) 12"	635.66
21	161+00.00	27.50 RT	IN	A	24	632.33 (W) 12"	635.56
22	162+05.77	28.26 LT	MH	5' A	24	631.66 (NW, S) 30", 631.91 (E) 18", 633.92 (E) 4"	635.92
23	162+00.91	27.86 RT	MH	5' A	24	631.74 (N, S) 30"	635.89
24	162+00.00	39.21 RT	MH	6' A	TY 1 CL	631.76 (N, E) 30"	636.42
25	162+58.00	27.50 RT	IN	A	24	633.09 (E) 12"	636.11
26	163+10.00	27.50 LT	CB	4' A	24	632.43 (W) 18", 632.93 (E) 12", 633.45 (SE) 4"	636.28
27	163+18.00	27.50 RT	CB	4' A	24	632.49 (S) 18", 632.79 (E, W) 12"	636.31
28	165+18.00	39.21 RT	MH	5' A	TY 1 CL	631.93 (E, W) 30", 632.43 (N) 18"	636.90
29	163+75.00	27.50 LT	IN	A	24	633.25 (W) 12", 633.68 (E) 4"	636.51
30	163+78.00	27.50 RT	IN	A	24	633.09 (W) 12"	636.52
31	164+60.08	27.50 LT	CB	4' A	24	633.15 (S) 18", 633.45 (E) 12", 633.97 (SE) 4"	636.80
32	164+50.00	27.50 RT	CB	4' A	24	632.87 (N, S) 18"	636.77
33	164+50.00	39.21 RT	MH	5' A	TY 1 CL	632.11 (E, W) 30", 632.81 (N) 18"	637.41
34	165+26.00	27.50 LT	IN	A	24	633.78 (W) 12"	637.03
35	165+10.00	27.50 RT	IN	A	24	633.75 (E) 12"	636.97
36	165+89.00	27.50 RT	CB	4' A	24	633.05 (S) 18", 633.35 (W) 12"	637.24
37	165+89.00	39.21 RT	MH	5' A	TY 1 CL	632.29 (E, W) 30", 632.99 (N) 18"	637.88
38	166+65.55	27.50 LT	IN	A	24	633.73 (S) 18"	637.51
39	166+65.00	27.50 RT	CB	4' A	24	633.45 (N, S) 18", 633.95 (E) 12", 634.67 (NE) 4"	637.50
40	166+65.00	39.21 RT	MH	5' A	TY 1 CL	632.39 (W) 30", 633.39 (N) 18"	638.14
41	167+70.00	27.50 LT	IN	A	24	634.98 (E) 12"	637.87
42	167+50.00	27.50 RT	IN	A	24	634.38 (W) 12"	637.80
43	168+26.52	27.50 LT	CB	4' A	24	634.70 (W, S) 12", 635.23 (SE) 4"	638.06
44	168+29.32	28.50 RT	CB	C	24	636.03 (NE) 12", 636.24 (E) 4"	638.07
45	169+20.00	27.50 LT	CB	C	24	634.19 (S) Ex. 12"	638.27
46	169+14.07	27.50 RT	IN	A	24	633.56 (S) 12"	638.20
47	169+14.07	39.21 RT	CB	4' A	TY 1 CL	632.94 (E) 18", 633.44 (N) 12"	638.83
48	170+00.00	27.50 LT	IN	A	24	635.38 (E) 12", 636.18 (W) 4"	638.01
49	170+07.07	27.50 RT	CB	C	24	634.81 (SE) 12", 635.16 (W) 4"	637.99
50	170+35.81	28.13 LT	CB	4' A	24	635.03 (S, W) 12"	637.97
51	170+35.81	27.50 RT	MH	4' A	24	632.08 (S) 12", 631.20 (N) 12"	637.97
52	170+36.26	38.56 RT	MH	6' A w/ RESTRICT	TY 1 CL	632.20 (N) RESTRICTOR Inv. 6" dia. ORIFICE, 632.20 (E) 12", 632.20 (W) 18", 634.50 (NW) 12"	638.59
53	171+21.54	27.35 LT	CB	4' A	24	634.68 (S) Ex. 12", 634.68 (E) 12"	638.16
54	171+10.00	27.50 RT	CB	4' A	24	632.69 (S, E) 12"	638.12
55	171+10.00	39.16 RT	MH	4' A	TY 1 CL	632.57 (N, W) 12"	638.75
56	172+00.00	25.04 LT	IN	A	24	635.08 (W) 12"	638.45
57	172+00.00	32.88 RT	IN	A	24	633.59 (W) 12"	638.30

* THE CONE OF THE STRUCTURE SHALL BE CONSTRUCTED UNDER THE PAVEMENT AND AWAY FROM THE EXISTING WATERMAIN.

STORM SEWER PIPE REMOVAL TABLE

FROM STA.	OS	TO STA.	OS	DIA (in)	LENGTH (ft)
162+02.5	21.0' RT	162+01.2	6.0' RT	6	15
161+96.3	23.4' LT	161+80.6	44.4' LT	8	26
159+44.7	33.1' RT	159+44.8	40.0' RT	10	7
158+12.6	41.1' LT	158+12.2	53.1' LT	12	12
159+98.4	27.8' RT	159+47.3	40.4' RT	12	53
170+33.0	24.7' RT	170+35.3	20.0' RT	12	5

STORM SEWER PIPE TABLE

PIPE NO.	FROM STR.	TO STR.	DESCRIPTION	DIA (IN)	LENGTH (FT)	SLOPE (%)	TBF (CU YD)
S1	1	2	SS TYPE 1 CLASS A RCP	12	17	1.00%	0.0
S3	3	10	SS WATERMAIN REQUIREMENTS	30	135	0.13%	77.1
S4	4	3	SS WATERMAIN REQUIREMENTS	12	15	1.90%	3.5
S6	6	4	SS TYPE 1 CLASS A RCP	12	59	1.00%	0.0
S7	7	11	SS WATERMAIN REQUIREMENTS	12	6	1.5%	1.6
S9	9	8	SS TYPE 1 CLASS A RCP	36	6	0.35%	0.0
S10	10	9	SS WATERMAIN REQUIREMENTS	36	8	0.16%	5.0
S11	11	10	SS WATERMAIN REQUIREMENTS	12	12	1.50%	9.3
S12	12	10	SS WATERMAIN REQUIREMENTS	36	85	0.10%	52.6
S13	13	14	SS TYPE 1 CLASS A RCP	12	15	0.50%	0.0
S14	14	12	SS WATERMAIN REQUIREMENTS	12	17	0.35%	3.3
S15	15	14	SS TYPE 1 CLASS A RCP	12	15	0.50%	0.0
S16	16	17	SS TYPE 1 CLASS A RCP	12	15	0.50%	0.0
S16A	16A	EX	SS TYPE 1 CLASS A RCP	12	12	1.00%	0.0
S17	17	14	SS TYPE 1 CLASS A RCP	12	55	0.50%	0.0
S18	18	17	SS TYPE 1 CLASS A RCP	12	15	0.50%	0.0
S19	19	12	SS WATERMAIN REQUIREMENTS	30	117	0.13%	66.8
S20	20	19	SS WATERMAIN REQUIREMENTS	12	17	0.50%	2.6
S21	21	18	SS TYPE 1 CLASS A RCP	12	66	0.50%	0.0
S22	22	19	SS WATERMAIN REQUIREMENTS	30	71	0.15%	0.0
S23	23	22	SS WATERMAIN REQUIREMENTS	30	56	0.14%	0.0
S24	24	23	SS TYPE 1 CLASS A RCP	30	12	0.14%	6.9
S25	25	27	SS TYPE 1 CLASS A RCP	12	60	0.50%	0.0
S26	26	22	SS WATERMAIN REQUIREMENTS	18	104	0.50%	0.0
S27	27	28	SS TYPE 1 CLASS A RCP	18	12	0.50%	4.6
S28	28	24	SS TYPE 1 CLASS A RCP	30	119	0.14%	39.0
S29	29	26	SS WATERMAIN REQUIREMENTS	12	65	0.50%	0.0
S30	30	27	SS TYPE 1 CLASS A RCP	12	60	0.50%	0.0
S31	31	32	SS WATERMAIN REQUIREMENTS	18	56	0.50%	0.0
S32	32	33	SS TYPE 1 CLASS A RCP	18	12	0.50%	4.9
S33	33	28	SS TYPE 1 CLASS A RCP	30	131	0.14%	74.8
S34	34	31	SS WATERMAIN REQUIREMENTS	12	66	0.50%	0.0
S35	35	36	SS TYPE 1 CLASS A RCP	12	79	0.50%	0.0
S36	36	37	SS TYPE 2 CLASS A RCP	18	12	0.50%	7.8
S37	37	33	SS TYPE 1 CLASS A RCP	30	139	0.13%	85.6
S38	38	39	SS WATERMAIN REQUIREMENTS	18	55	0.50%	0.0
S39	39	40	SS TYPE 1 CLASS A RCP	18	12	0.50%	4.9
S40	40	37	SS TYPE 2 CLASS A RCP	30	76	0.13%	53.7
S41	41	43	SS WATERMAIN REQUIREMENTS	12	57	0.50%	0.0
S42	42	39	SS TYPE 1 CLASS A RCP	12	85	0.50%	0.0
S43	43	EX	SS WATERMAIN REQUIREMENTS	12	8	4.60%	0.0
S44	44	EX	SS WATERMAIN REQUIREMENTS	12	8	21.8%	0.0
S46	46	47	SS TYPE 2 CLASS A RCP	12	12	1.00%	8.4
S47	47	52	SS TYPE 2 CLASS A RCP	18	122	0.61%	96.7
S48	48	50	SS WATERMAIN REQUIREMENTS	12	35	0.50%	0.0
S49	49	52	SS TYPE 1 CLASS A RCP	12	31	1.00%	9.3
S50	50	EX	SS WATERMAIN REQUIREMENTS	12	3	1.00%	0.0
S51	51	EX	SS TYPE 2 CLASS A RCP	12	10	1.00%	6.6
S52	52	51	SS TYPE 2 CLASS A RCP	12	11	1.00%	9.8
S54	54	55	SS TYPE 2 CLASS A RCP	12	12	1.00%	9.9
S55	55	52	SS TYPE 2 CLASS A RCP	12	74	0.50%	58.6
S56	56	53	SS WATERMAIN REQUIREMENTS	12	79	0.50%	0.0
S57	57	54	SS TYPE 2 CLASS A RCP	12	90	0.89%	21.2

PIPE UNDERDRAINS TYPE 2 4" TABLE

FROM STA.	OS	TO STA.	OS	LENGTH (ft)
157+10.0	25.8' RT	157+98.2	25.9' RT	88
158+92.0	26.0' RT	159+42.6	26.1' RT	51
159+51.8	26.1' RT	160+02.4	26.0' RT	51
160+36.4	26.0' RT	160+90.1	26.1' RT	54
161+02.1	26.1' RT	161+40.7	25.6' RT	39
162+03.3	25.5' RT	163+09.0	25.5' RT	106
162+08.4	25.5' LT	163+00.0	25.5' LT	92
163+11.9	25.5' LT	163+65.0	25.5' LT	53
163+21.0	25.5' RT	164+40.0	25.5' RT	119
163+76.9	25.5' LT	164+50.0	25.5' LT	73
164+52.0	25.5' RT	165+00.0	25.5' RT	48

FROM STA.	OS	TO STA.	OS	LENGTH (ft)
164+62.0	25.5' LT	165+77.8	25.5' LT	116
165+91.0	25.5' RT	166+44.7	25.5' RT	54
166+67.0	25.5' RT	167+40.0	25.5' RT	73
166+67.5	25.5' LT	167+60.0	25.5' LT	92
167+52.0	25.5' RT	168+19.2	25.5' RT	67
168+28.7	25.5' LT	168+94.1	25.5' LT	65
168+31.2	25.5' RT	169+04.1	25.5' RT	73
169+24.1	25.5' RT	170+05.1	25.5' RT	81
169+30.0	25.5' LT	169+98.0	25.5' LT	68
TOTAL				1463

MODEL: D:\64\11... FILE NAME: W0357-029 MHS-BLA IDOT V07 IL_19ICADD_Sheets\0160021-1st-cdr\stage-tables.dgn



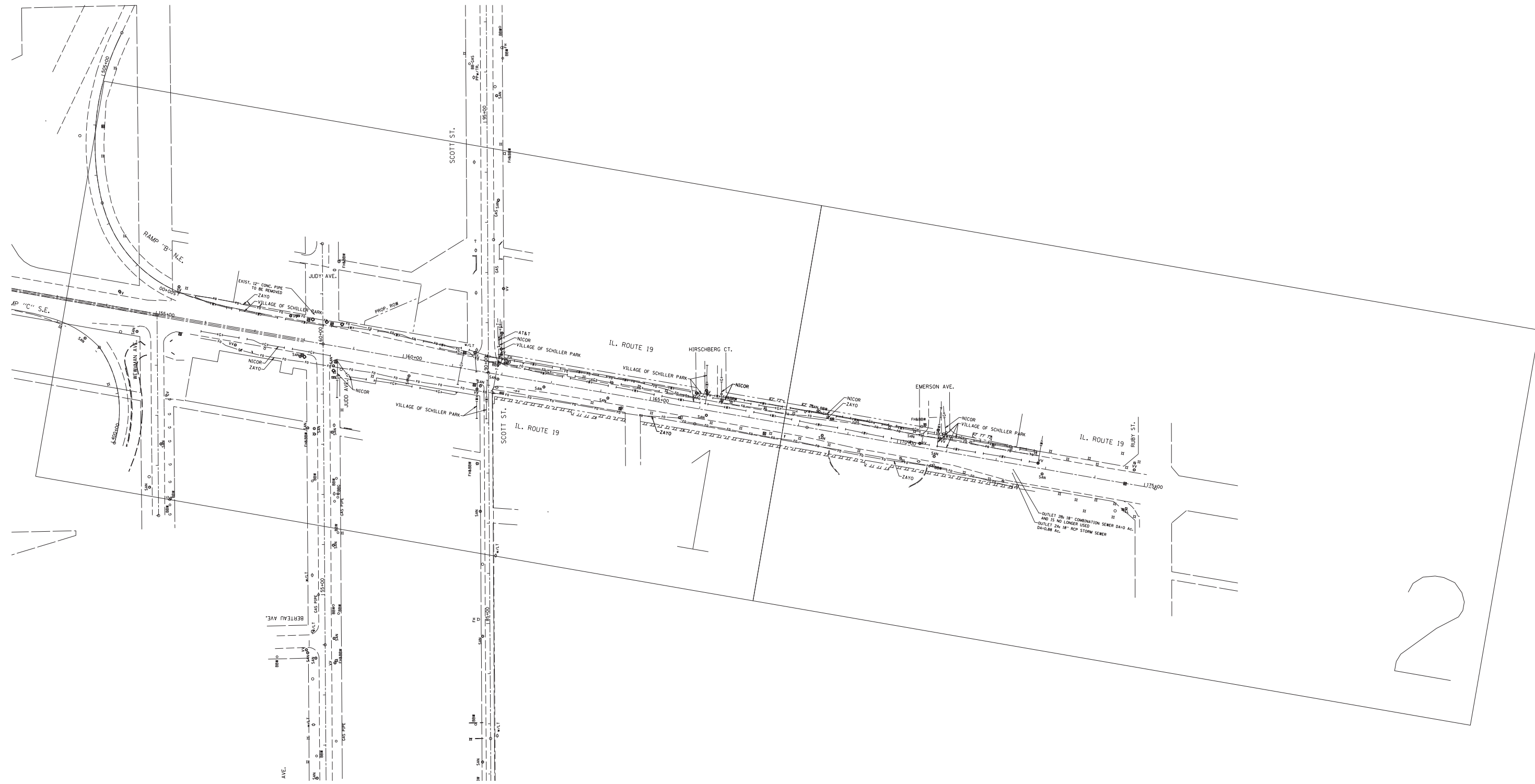
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PLOT SCALE = 100,0000' / in.	DRAWN - WINSON TENG	REVISED -
PLOT DATE = 6/20/2020	CHECKED - MATTHEW CESARIO	REVISED -
	DATE - 06/05/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 19 AT JUDD AVENUE
DRAINAGE TABLES**

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	43
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				



— A — A —	AERIAL
— — — —	UNKNOWN
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— G — G —	GAS
— E — E —	ELECTRIC
— W — W —	WATER
— FO — FO —	FIBER OPTIC
⊕	TBE TEST HOLE

UTILITY OWNERS	
AT&T	TELEPHONE
NICOR	GAS
VILLAGE OF SCHILLER PARK	WATER
ZAYO	FIBER OPTIC

Utilities shown on these plans as depicted in the legend have been investigated by Cardno TBE in accordance with SUE Industry Standards. All other information shown has been provided to Cardno TBE by others. Cardno TBE's SUE field investigation was performed 6/13/14 through 6/20/14. Changes to utilities after 6/20/14 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

ALL UTILITIES SHOWN QUALITY LEVEL "B"
UNLESS NOTED OTHERWISE.



TBE Job No. IL09510611
SUE Plan Page: Cover

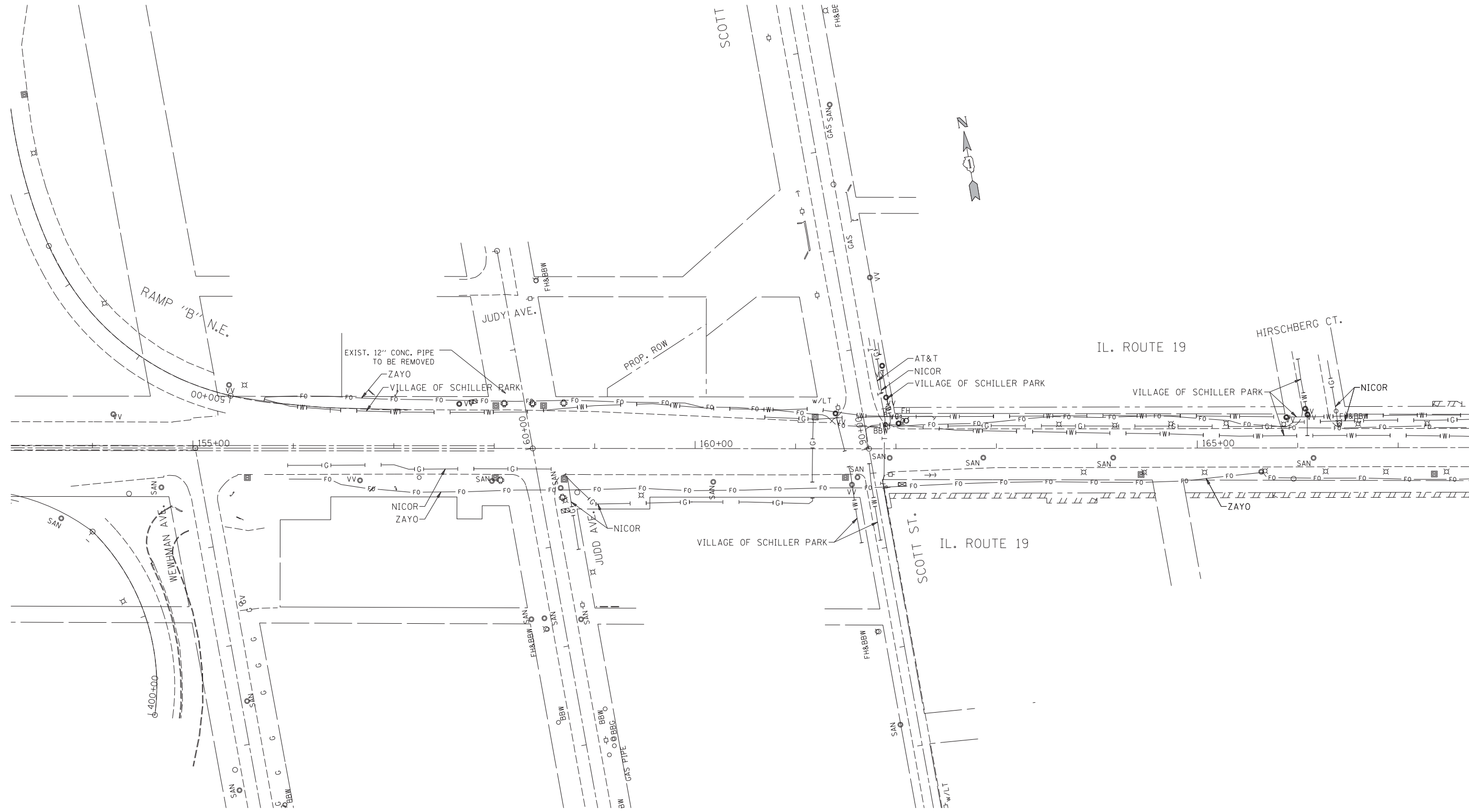
Utility Quality Level "A" : Visually Verified Test Hole
Utility Quality Level "B" : Designating/non Visually Verified Test Hole
Utility Quality Level "C" : Research with Survey
Utility Quality Level "D" : Records Research

DESIGNED	LP	REVISED	
DRAWN	SRK	REVISED	
CHECKED	KFS	REVISED	
DATE	6/25/14	REVISED	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RT. 19 at Scott St/Judd Ave.
Schiller Park, Illinois**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	Cook	106	44
Contract No. 60Y2I				
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.				



— A —	A	AERIAL
- - -	UNKNOWN	UNKNOWN
— CTV —	CTV	CABLE TV
— T —	T	TELEPHONE
— G —	G	GAS
— E —	E	ELECTRIC
— W —	W	WATER
— FO —	FO	FIBER OPTIC
⊙		TBE TEST HOLE

UTILITY OWNERS	
AT&T	TELEPHONE
NICOR	GAS
VILLAGE OF SCHILLER PARK	WATER
ZAYO	FIBER OPTIC

Utilities shown on these plans as depicted in the legend have been investigated by Cardno TBE in accordance with SUE Industry Standards. All other information shown has been provided to Cardno TBE by others. Cardno TBE's SUE field investigation was performed 6/13/14 through 6/20/14. Changes to utilities after 6/20/14 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

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TBE Job No. IL09510611
SUE Plan Page: 1 of 2

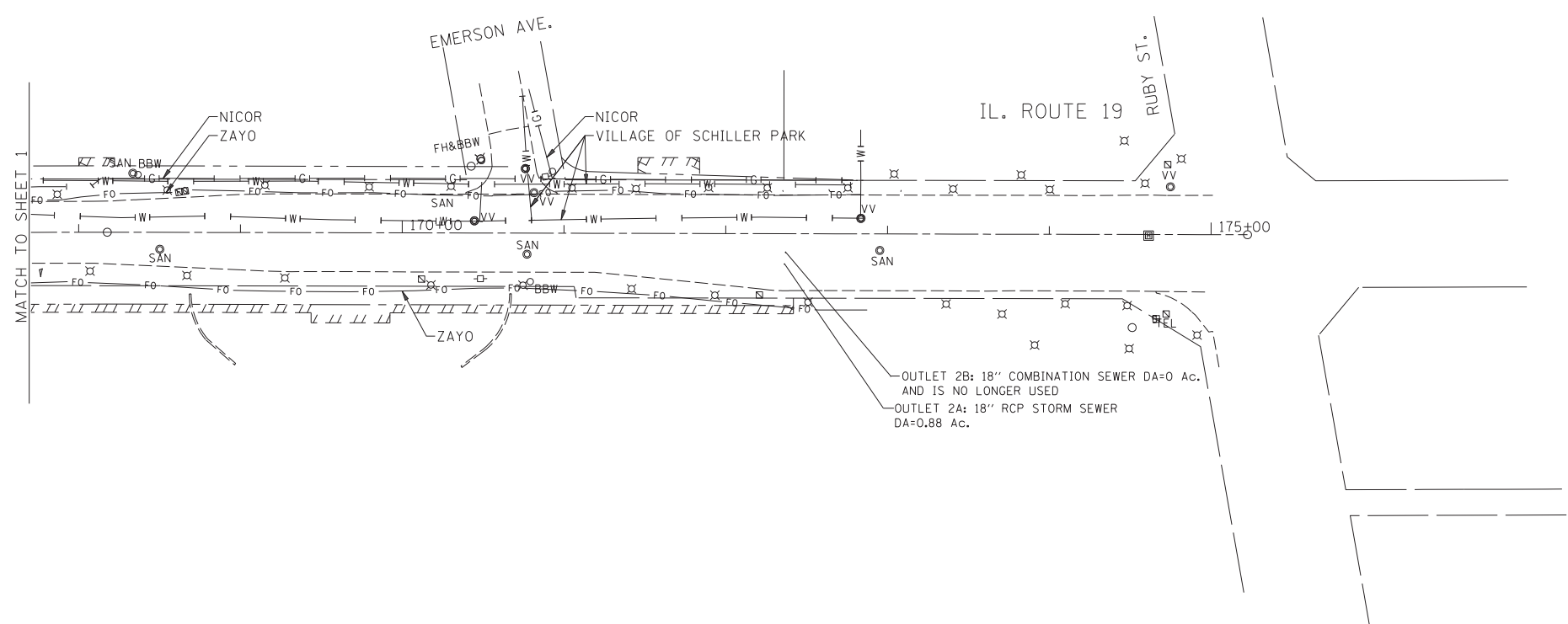
Utility Quality Level "A" : Visually Verified Test Hole
Utility Quality Level "B" : Designating/non Visually Verified Test Hole
Utility Quality Level "C" : Research with Survey
Utility Quality Level "D" : Records Research

DESIGNED	LP	REVISED	
DRAWN	SRK	REVISED	
CHECKED	KFS	REVISED	
DATE	6/25/14	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RT. 19 at Scott St/Judd Ave.
Schiller Park, Illinois

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N (14)	Cook	106	45
Contract No. 60Y21				
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.				



— A — A —	AERIAL
- - - - -	UNKNOWN
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— G — G —	GAS
— E — E —	ELECTRIC
— W — W —	WATER
— FO — FO —	FIBER OPTIC
⊕	TBE TEST HOLE

UTILITY OWNERS	
AT&T	TELEPHONE
NICOR	GAS
VILLAGE OF SCHILLER PARK	WATER
ZAYO	FIBER OPTIC

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ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



TBE Job No. IL09510611
SUE Plan Page: 2 of 2

Utility Quality Level "A" : Visually Verified Test Hole
Utility Quality Level "B" : Designating/non Visually Verified Test Hole
Utility Quality Level "C" : Research with Survey
Utility Quality Level "D" : Records Research

DESIGNED	LP	REVISED	
DRAWN	SRK	REVISED	
CHECKED	KFS	REVISED	
DATE	6/25/14	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

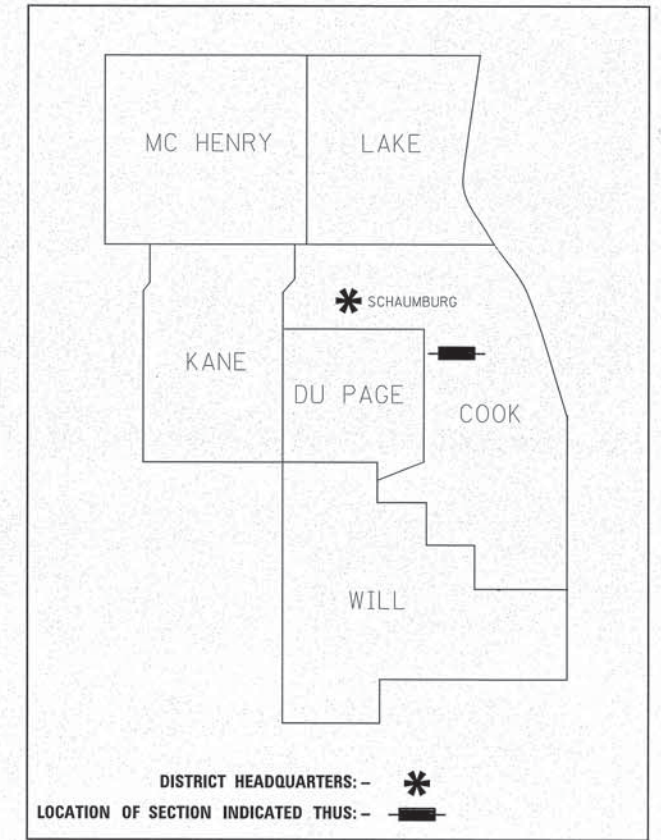
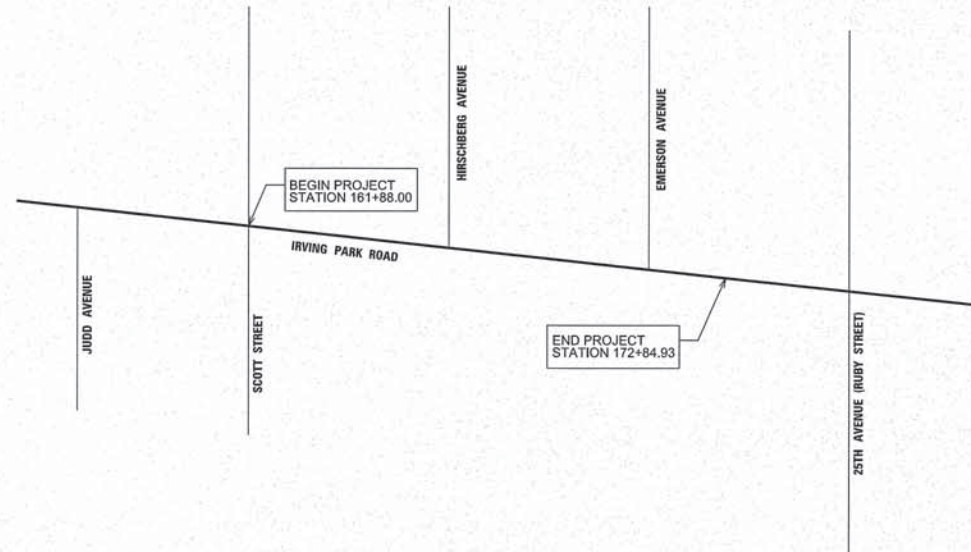
IL RT. 19 at Scott St/Judd Ave.
Schiller Park, Illinois

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N (14)	Cook	106	46
			Contract No. 60Y21	
FED. ROAD DIST. NO.		ILLINOIS	IDOT Project No.	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLAT OF HIGHWAYS

ROUTE: ILLINOIS ROUTE 19 (IRVING PARK ROAD)
SECTION:
COUNTY: COOK
LIMITS: SCOTT ST. TO 25TH AVE.
JOB NO.: R-90-016-14

PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
OKU0001	ROMUALDA SZOSTAK	2	
OKU0002	DANIEL M. JOHNSTONE AND CATHY J. JOHNSTONE, HUSBAND AND WIFE, AS TENANTS BY THE ENTIRETY	2	
OKU0003	GARY J. ROWAN, MARYANN ROWAN AND SEAN ROWAN, IN JOINT TENANCY	2	
OKU0004	CHICAGO TITLE LAND TRUST COMPANY AS SUCCESSOR TO NORTH STAR TRUST COMPANY AS SUCCESSOR TO U.S. BANK, N.A., AS TRUSTEE UNDER TRUST AGREEMENT DATED DECEMBER 2, 2005 KNOWN AS TRUST NO. 8126	2	
OKU0005	JEFFREY A. STASIAK, A SINGLE MAN	2	
OKU0006	PATRICIA M. STASIAK, AS TRUSTEE OF THE PATRICIA M. STASIAK TRUST DATED MAY 27, 2011	2	
OKU0007	JEFFREY MORRIS AND JUSTINE MORRIS, HUSBAND AND WIFE, AS TENANTS BY THE ENTIRETY	2	
OKU0008	STANLEY W. BELZEK AND ADELINE BELZEK, TRUSTEES OF THE BELZEK FAMILY REVOCABLE LIVING TRUST. UAD FEBRUARY 14, 1997	3	
OKU0009 OKU0009TE	ANTHONY E. SWAN AND SHWANDA SWAN, HUSBAND AND WIFE, AS TENANTS BY THE ENTIRETY	3	
OKU0010 OKU0010TE	THOMAS W. DOPORCYK, A SINGLE MAN	3	
OKU0011 OKU0011TE	MARION GAWRYLCZYK	3	
OKU0012	FIRSTMERIT BANK, N.A., SUCCESSOR TO MIDWEST BANK & TRUST COMPANY AS TRUSTEE UNDER TRUST AGREEMENT DATED MARCH 11, 1972 KNOWN AS TRUST NO. 72-03-769	3	
OKU0013	RALPH P. VITUCCI, A BACHELOR	3	
OKU0014	THOMAS J. KOWALYSHEN AND CORRINE E. KOWALYSHEN, IN JOINT TENANCY	3	
OKU0015 OKU0015TE	MICHAEL JOHN HANSEN, A MARRIED MAN	4	
OKU0016 OKU0016TE	RUDOLPH ILMBERGER AND ANNA MARIE ILMBERGER, AS CO-TRUSTEES OF THE ILMBERGER FAMILY TRUST UNDER TRUST AGREEMENT DATED MAY 2, 1994	4	
OKU0017	SCHILLER PARK INVESTMENTS LLC, A MICHIGAN LIMITED LIABILITY COMPANY	4	
OKU0018 OKU0018TE	PARKWAY BANK AND TRUST COMPANY AS TRUSTEE UNDER TRUST AGREEMENT DATED JANUARY 9, 2004 KNOWN AS TRUST NO. 13712	5	
OKU0019 OKU0019TE	PARKWAY BANK AND TRUST COMPANY AS TRUSTEE UNDER TRUST AGREEMENT DATED JANUARY 9, 2004 KNOWN AS TRUST NO. 13712	5	
OKU0020 OKU0020TE	MIDWEST GROUP OF ILLINOIS, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	6	



**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

PART OF THE WEST 1/2 OF THE SE 1/4 OF SECTION 16, TWP. 40N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

LEGEND

SECTION CORNER: 9, 10, 15, 16

QUARTER SECTION CORNER: 16, 15

SECTION / QUARTER SECTION LINE

PLATTED LOT LINES

PROPERTY (DEED) LINE

APPL APPARENT PROPERTY LINE

EXISTING CENTERLINE

PROPOSED CENTERLINE

EXISTING RIGHT OF WAY LINE

PROPOSED RIGHT OF WAY LINE

EXISTING EASEMENT

PROPOSED EASEMENT

EXISTING ACCESS CONTROL LINE

PROPOSED ACCESS CONTROL LINE

MEASURED DIMENSION

COMPUTED DIMENSION

RECORDED DIMENSION

EXISTING BUILDING

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

IRON PIPE OR ROD FOUND

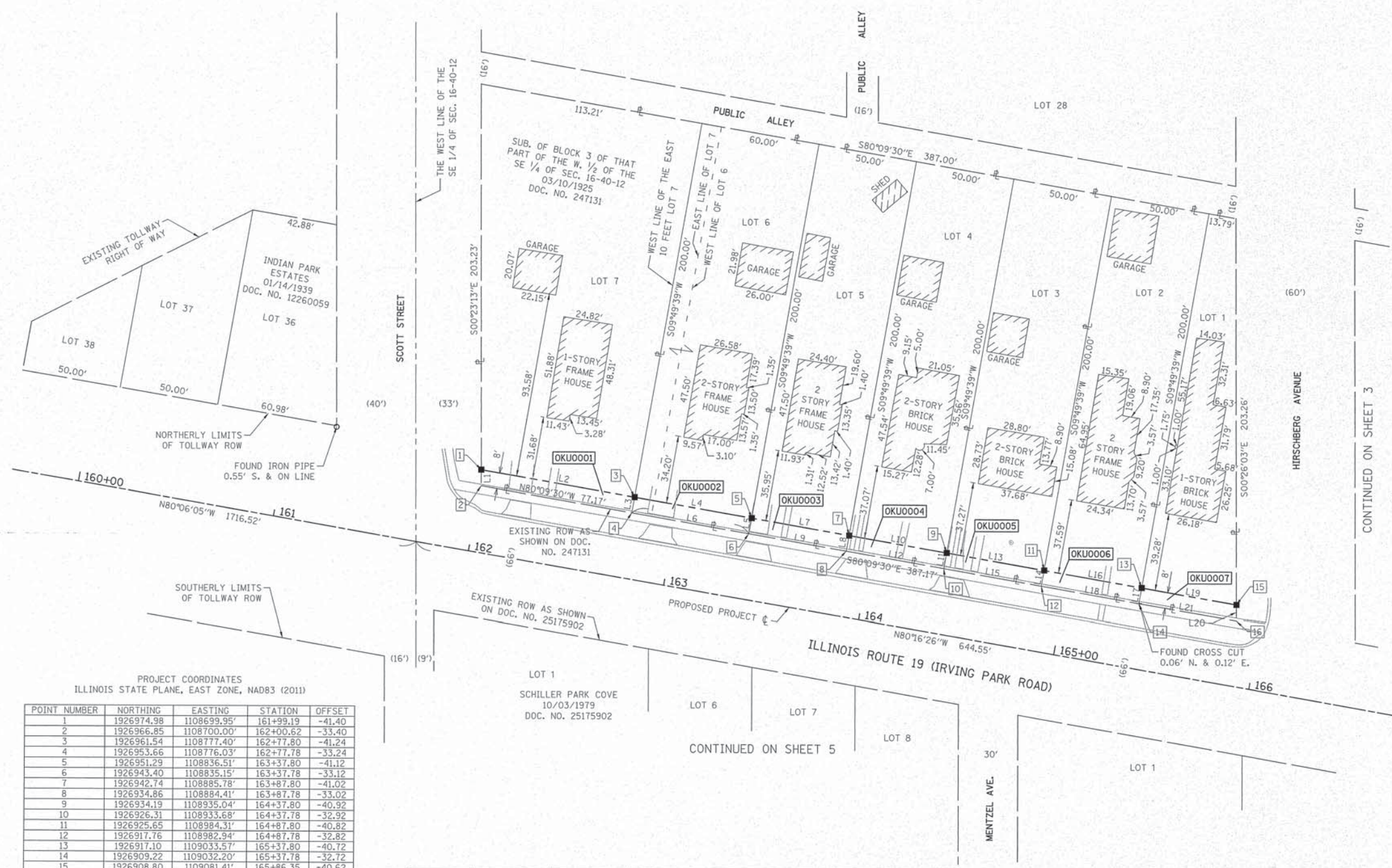
CUT CROSS FOUND OR SET

STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY

STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.

PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET



PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

POINT NUMBER	NORTHING	EASTING	STATION	OFFSET
1	1926974.98	1108699.95'	161+99.19	-41.40
2	1926966.85	1108700.00'	162+00.62	-33.40
3	1926961.54	1108777.40'	162+77.80	-41.24
4	1926953.66	1108776.03'	162+77.78	-33.24
5	1926951.29	1108836.51'	163+37.80	-41.12
6	1926943.40	1108835.15'	163+37.78	-33.12
7	1926942.74	1108885.78'	163+87.80	-41.02
8	1926934.86	1108884.41'	163+87.78	-33.02
9	1926934.19	1108935.04'	164+37.80	-40.92
10	1926926.31	1108933.68'	164+37.78	-32.92
11	1926925.65	1108984.31'	164+87.80	-40.82
12	1926917.76	1108982.94'	164+87.78	-32.82
13	1926917.10	1109033.57'	165+37.80	-40.72
14	1926909.22	1109032.20'	165+37.78	-32.72
15	1926908.80	1109081.41'	165+86.35	-40.62
16	1926900.67	1109081.47'	165+87.78	-32.61

LINE	DIRECTION	DISTANCE
L1	N 00° 23' 13" W	8.13'
L2	S 80° 09' 30" E	78.61'
L3	S 09° 49' 39" W	8.00'
L4	S 80° 09' 30" E	60.00'
L5	S 09° 49' 39" W	8.00'
L6	N 80° 09' 30" W	60.00'
L7	S 80° 09' 30" E	50.00'
L8	S 09° 49' 39" W	8.00'
L9	N 80° 09' 30" W	50.00'
L10	S 80° 09' 30" E	50.00'
L11	S 09° 49' 39" W	8.00'
L12	N 80° 09' 30" W	50.00'
L13	S 80° 09' 30" E	50.00'
L14	S 09° 49' 39" W	8.00'
L15	N 80° 09' 30" W	50.00'
L16	S 80° 09' 30" E	50.00'
L17	S 09° 49' 39" W	8.00'
L18	N 80° 09' 30" W	50.00'
L19	S 80° 09' 30" E	48.55'
L20	S 00° 26' 03" E	8.13'
L21	N 80° 09' 30" W	50.00'

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	PARCEL INDEX NUMBER
OKU0001	0.437	0.018	N/A	0.419	N/A	N/A	12-16-400-029
OKU0002	0.275	0.011	N/A	0.264	N/A	N/A	12-16-400-030
OKU0003	0.230	0.009 400 SF	N/A	0.221	N/A	N/A	12-16-400-024
OKU0004	0.230	0.009 400 SF	N/A	0.221	N/A	N/A	12-16-400-025
OKU0005	0.230	0.009 400 SF	N/A	0.221	N/A	N/A	12-16-400-026
OKU0006	0.230	0.009 400 SF	N/A	0.221	N/A	N/A	12-16-400-027
OKU0007	0.146	0.009 394 SF	N/A	0.137	N/A	N/A	12-16-400-028

NOTES:

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".

ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99996445.

AREAS SHOWN ON THIS PLAT ARE "GROUND".

STATE OF ILLINOIS)
COUNTY OF)

THIS IS TO CERTIFY THAT WE, DB STERLIN CONSULTANTS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 16, TOWNSHIP 40 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 29TH DAY OF OCTOBER, 2014 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3134
LICENSE EXPIRATION DATE: NOV. 30, 2014

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

DBS DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
IL. ROUTE 19 (IRVING PARK RD.)

LIMITS: SCOTT ST. TO 25TH AVE. COUNTY: COOK
SECTION: JOB NO.: R-90-016-14
STA. 161+99.19 TO 165+87.78
SCALE: 1" = 30'

SHEET 2 OF 7 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

48 OF 106

IDOT USE ONLY

RECEIVED
OCT 29 2014
PLATS & LEGALS

LEGEND



GRAPHIC SCALE
FEET
SCALE: 1" = 30'

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

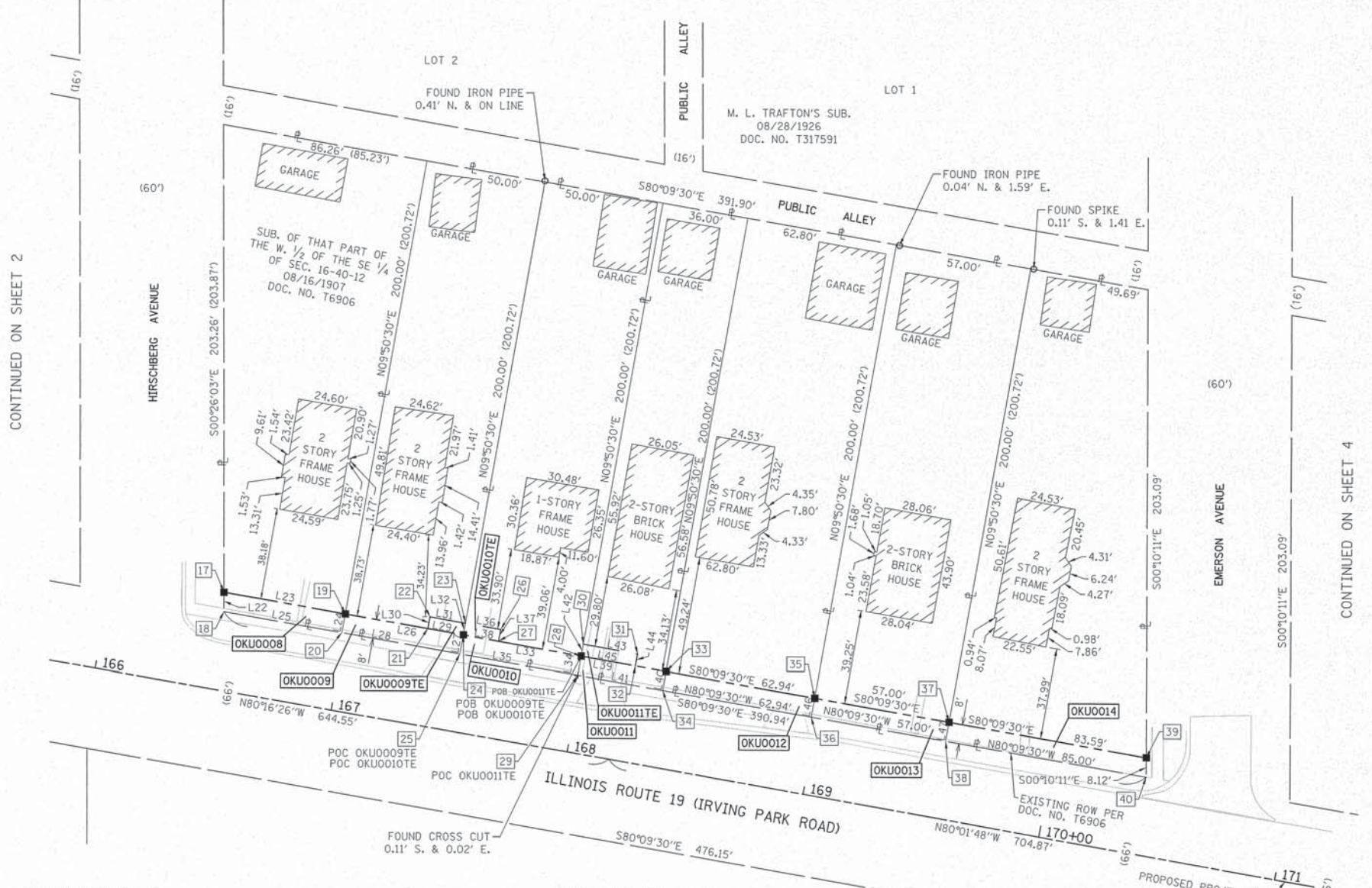
- IRON PIPE OR ROD FOUND
- ⊕ 'MAG' NAIL SET
- + CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
COUNTY OF)
THIS IS TO CERTIFY THAT WE, DB STERLIN CONSULTANTS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 16, TOWNSHIP 40 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 29TH DAY OF OCTOBER, 2014 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3134
LICENSE EXPIRATION DATE: NOV. 30, 2014

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

POINT NUMBER	NORTHING	EASTING	STATION	OFFSET
17	1926898.38	1109141.49	166+47.32	-40.49
18	1926890.25	1109141.55	166+48.76	-32.49
19	1926889.59	1109192.18	166+98.78	-40.39
20	1926881.70	1109190.81	166+98.76	-32.39
21	1926883.60	1109226.66	167+33.77	-40.32
22	1926888.53	1109227.52	167+33.78	-45.32
23	1926885.97	1109242.30	167+48.78	-45.29
24	1926881.04	1109241.44	167+48.77	-40.29
25	1926873.16	1109240.08	167+48.76	-32.29
26	1926883.40	1109257.08	167+63.78	-45.26
27	1926878.48	1109256.22	167+63.77	-40.26
28	1926872.49	1109290.71	167+98.77	-40.19
29	1926864.61	1109289.34	167+98.76	-32.19
30	1926877.42	1109291.56	167+98.78	-45.19
31	1926873.49	1109313.22	168+21.59	-45.16
32	1926868.56	1109313.37	168+21.60	-40.16
33	1926866.34	1109326.18	168+34.60	-40.19
34	1926858.46	1109324.81	168+34.62	-32.19
35	1926855.58	1109388.20	168+97.55	-40.33
36	1926847.70	1109386.83	168+97.56	-32.33
37	1926845.84	1109444.36	169+54.55	-40.46
38	1926837.96	1109442.99	169+54.56	-32.46
39	1926831.55	1109526.71	170+38.13	-40.64
40	1926823.43	1109526.74	170+39.56	-32.65

LINE	DIRECTION	DISTANCE
L22	N 00° 26' 03" W	8.13'
L23	S 80° 09' 30" E	51.45'
L24	S 09° 50' 30" W	8.00'
L25	N 80° 09' 30" W	50.00'
L26	S 80° 09' 30" E	50.00'
L27	S 09° 50' 30" W	8.00'
L28	N 80° 09' 30" W	50.00'
L29	N 80° 09' 30" W	15.00'
L30	N 09° 50' 30" E	5.00'
L31	S 80° 09' 30" E	15.00'
L32	S 09° 50' 30" W	5.00'
L33	S 80° 09' 30" E	50.00'
L34	S 09° 50' 30" W	8.00'
L35	N 80° 09' 30" W	50.00'
L36	S 80° 09' 30" E	15.00'
L37	S 09° 50' 30" W	5.00'
L38	N 80° 09' 30" W	15.00'
L39	S 80° 09' 30" E	36.00'
L40	S 09° 50' 30" W	8.00'
L41	N 80° 09' 30" W	36.00'
L42	N 09° 50' 30" W	5.00'
L43	S 80° 09' 30" E	23.00'
L44	S 09° 50' 30" W	5.00'
L45	N 80° 09' 30" W	23.00'
L46	S 09° 50' 30" W	8.00'
L47	S 09° 50' 30" W	8.00'

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	SQUARE FEET	PARCEL INDEX NUMBER
OKU0008	0.313	0.009 406 SF	N/A	0.304	N/A	N/A	12-16-401-025
OKU0009 OKU0009TE	0.230	0.009 400 SF	N/A	0.221	0.002	75	12-16-401-027
OKU0010 OKU0010TE	0.230	0.009 400 SF	N/A	0.221	0.002	75	12-16-401-029
OKU0011 OKU0011TE	0.165	0.007 288 SF	N/A	0.158	0.003	115	12-16-401-037
OKU0012	0.288	0.012	N/A	0.276	N/A	N/A	12-16-401-038
OKU0013	0.262	0.010	N/A	0.252	N/A	N/A	12-16-401-032
OKU0014	0.310	0.015	N/A	0.295	N/A	N/A	12-16-401-031

NOTES:
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BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99996445.
AREAS SHOWN ON THIS PLAT ARE "GROUND".

REVISION DATE: 10/29/2014 REVISION MADE BY: JB

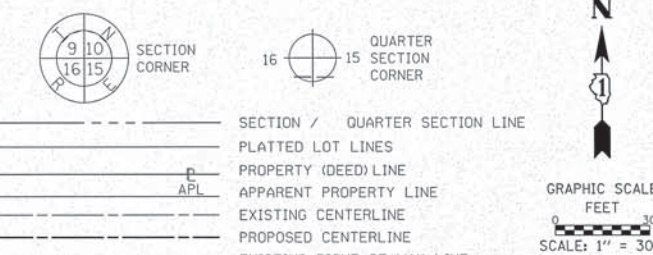
RECEIVED
OCT 29 2014
PLATS & LEGALS

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
IL. ROUTE 19 (IRVING PARK RD.)

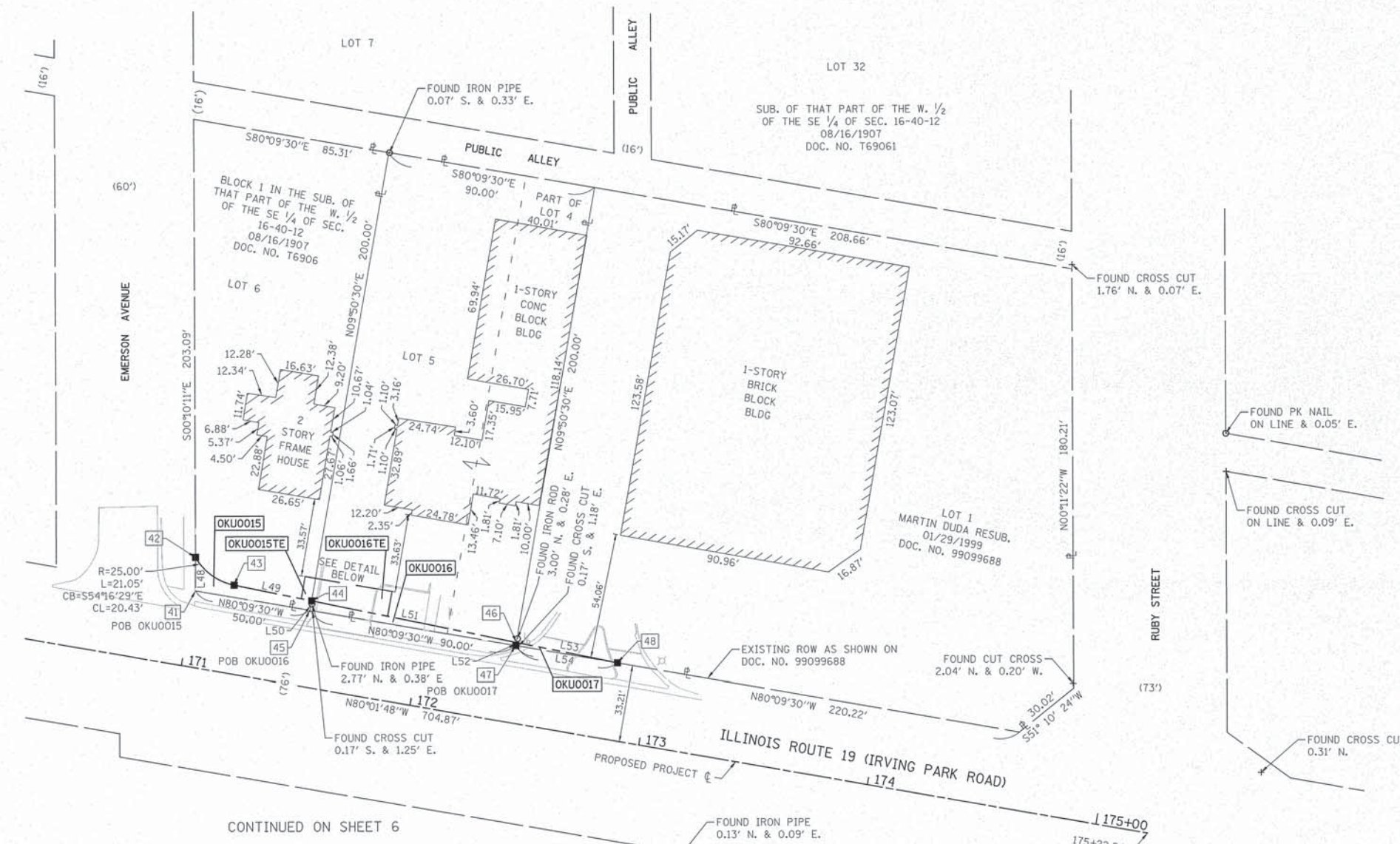
LIMITS: SCOTT ST. TO 25TH AVE. COUNTY: COOK
SECTION: JOB NO.: R-90-016-14
STA. 166+47.32 TO 170+38.13
SCALE: 1" = 30' SHEET 3 OF 7 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196 49 OF 106

LEGEND



CONTINUED ON SHEET 3



- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
 COUNTY OF)
 THIS IS TO CERTIFY THAT WE, DB STERLIN CONSULTANTS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 16, TOWNSHIP 40 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 29TH DAY OF OCTOBER, 2014 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3134
 LICENSE EXPIRATION DATE: NOV. 30, 2014

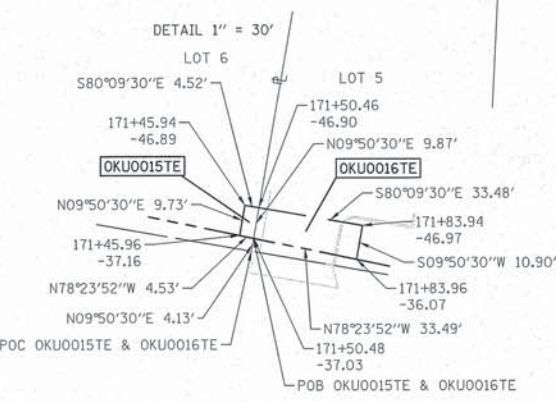
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

CONTINUED ON SHEET 6

PROJECT COORDINATES
 ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

POINT NUMBER	NORTHING	EASTING	STATION	OFFSET
41	1926813.01	1109586.77	171+00.49	-32.78
42	1926827.33	1109586.73	170+97.97	-46.88
43	1926815.40	1109603.32	171+16.38	-38.00
44	1926808.54	1109636.74	171+50.48	-37.03
45	1926804.47	1109636.03	171+50.49	-32.90
46	1926790.43	1109724.94	172+40.49	-34.46
47	1926789.08	1109724.71	172+40.49	-33.10
48	1926781.49	1109768.49	172+84.93	-33.20

LINE	DIRECTION	DISTANCE
L48	N 00° 10' 11" W	14.32'
L49	S 78° 23' 52" E	34.12'
L50	S 09° 50' 30" W	4.13'
L51	S 78° 23' 52" E	90.04'
L52	S 09° 50' 30" W	1.37'
L53	S 78° 23' 52" E	44.45'
L54	N 80° 09' 30" W	44.43'



PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	AREA SQUARE FEET	PARCEL INDEX NUMBER
OKU0015	0.311	0.007 288 SF	N/A	0.304	0.001	44	12-16-402-028
OKU0016	0.413	0.006 247 SF	N/A	0.407	0.008	348	12-16-402-029
OKU0017	1.033	0.001 30 SF	N/A	1.032	N/A	N/A	12-16-402-042

NOTES:
 ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
 ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99996445.
 AREAS SHOWN ON THIS PLAT ARE "GROUND".

DBS DB STERLIN CONSULTANTS, INC.
 123 N. WACKER DRIVE SUITE 2000
 CHICAGO, ILLINOIS 60606
 TEL (312)857-1008 FAX (312)857-1058

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 IL ROUTE 19 (IRVING PARK RD.)

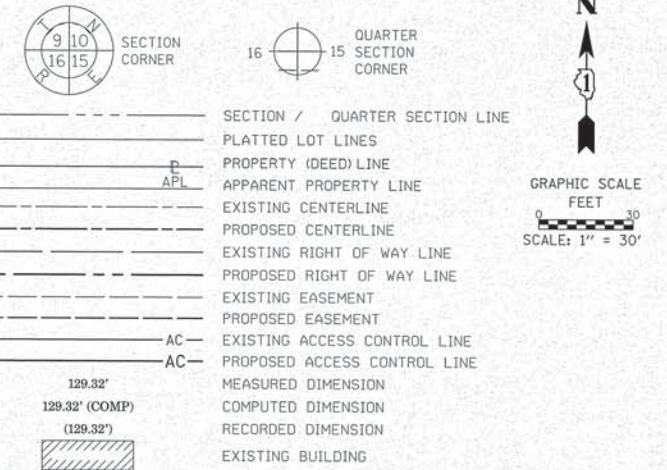
LIMITS: SCOTT ST. TO 25TH AVE. COUNTY: COOK
 SECTION: STA. 170+97.97 TO 172+84.93 JOB NO.: R-90-016-14
 SCALE: 1" = 30' SHEET 4 OF 7 SHEETS

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196 50 OF 106

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 PLATS & LEGALS

PART OF THE WEST 1/2 OF THE SE 1/4 OF SECTION 16, TWP. 40N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

LEGEND



BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

- IRON PIPE OR ROD FOUND
- ⊕ *MAG* NAIL SET
- + CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
COUNTY OF)

THIS IS TO CERTIFY THAT WE, DB STERLIN CONSULTANTS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 16, TOWNSHIP 40 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 29TH DAY OF OCTOBER, 2014 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3134
LICENSE EXPIRATION DATE: NOV. 30, 2014

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

DBS DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1008 FAX. (312)857-1056

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
IL. ROUTE 19 (IRVING PARK RD.)

LIMITS: SCOTT ST. TO 25TH AVE. COUNTY: COOK
SECTION: JOB NO.: R-90-016-14
STA. 161+88.00 TO 166+04.61
SCALE: 1" = 30' SHEET 5 OF 7 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

IDOT USE ONLY
RECEIVED
OCT 29 2014
PLATS & LEGALS

LINE	DIRECTION	DISTANCE
L55	S 00° 19' 00" E	12.19'
L56	S 00° 23' 13" E	18.02'
L57	S 89° 36' 47" W	5.00'
L58	N 00° 23' 13" W	31.11'
L59	N 00° 19' 00" W	12.19'
L60	S 00° 19' 00" E	12.19'

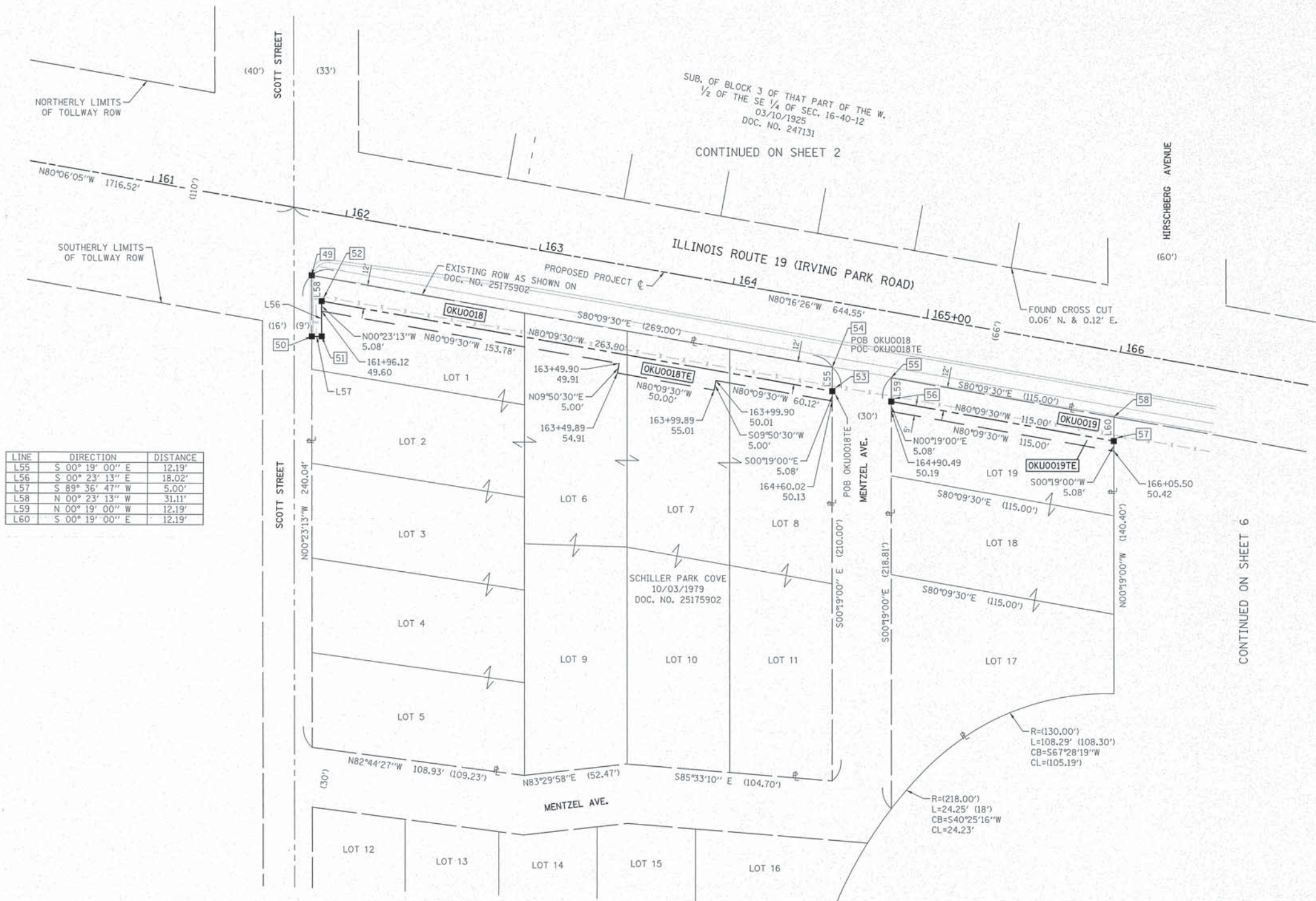
PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
OKU0018 OKU0018TE	1.377	0.076	N/A	1.301	0.036	N/A	12-16-416-001 12-16-416-002 12-16-416-003 12-16-416-004 12-16-416-005 12-16-416-006 12-16-416-007 12-16-416-008 12-16-416-009 12-16-416-010 12-16-416-011
OKU0019 OKU0019TE	0.435	0.032	N/A	0.403	0.013	N/A	12-16-417-001 12-16-417-002 12-16-417-003

NOTES:
ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99996445.
AREAS SHOWN ON THIS PLAT ARE "GROUND".

REVISION DATE: 10/29/2014 REVISION MADE BY: JB

PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

POINT NUMBER	NORTHING	EASTING	STATION	OFFSET
49	1926903.95	1108676.42	161+88.00	32.58
50	1926872.84	1108676.63	161+93.47	63.21
51	1926872.87	1108681.63	161+98.39	62.33
52	1926890.89	1108681.51	161+95.23	44.59
53	1926845.78	1108941.53	164+59.13	45.13
54	1926857.97	1108941.47	164+57.00	33.12
55	1926852.76	1108971.50	164+87.48	33.18
56	1926840.57	1108971.56	164+89.61	45.19
57	1926820.92	1109084.87	166+04.61	45.42
58	1926833.11	1109084.80	166+02.48	33.42



CONTINUED ON SHEET 6

PART OF THE WEST 1/2 OF THE SE 1/4 OF SECTION 16, TWP. 40N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

LEGEND



- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

- IRON PIPE OR ROD FOUND
- ⊕ *MAG* NAIL SET
- + CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.
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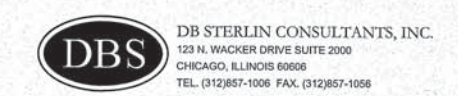
STATE OF ILLINOIS)
COUNTY OF)

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DATED AT CHICAGO, ILLINOIS THIS 29TH DAY OF OCTOBER, 2014 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3134
LICENSE EXPIRATION DATE: NOV. 30, 2014

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

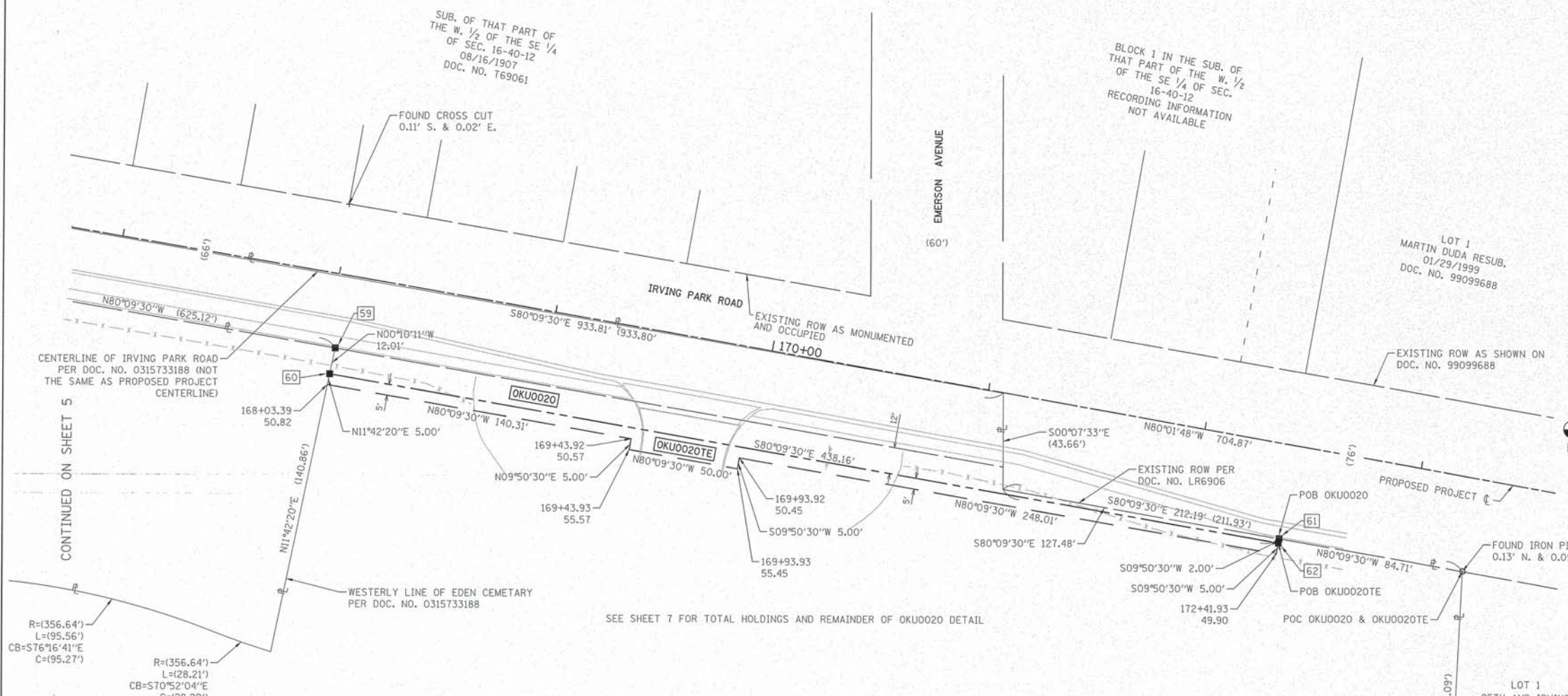


PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
IL. ROUTE 19 (IRVING PARK RD.)

LIMITS: SCOTT ST. TO 25TH AVE. COUNTY: COOK
SECTION: STA. 168+03.39 TO 172+41.92 JOB NO.: R-90-016-14
SCALE: 1" = 30' SHEET 6 OF 7 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

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PLATS & LEGALS

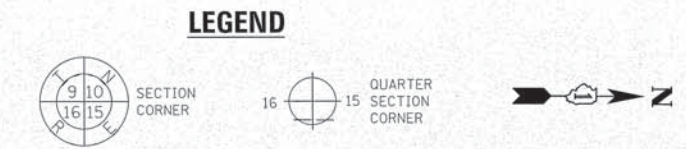
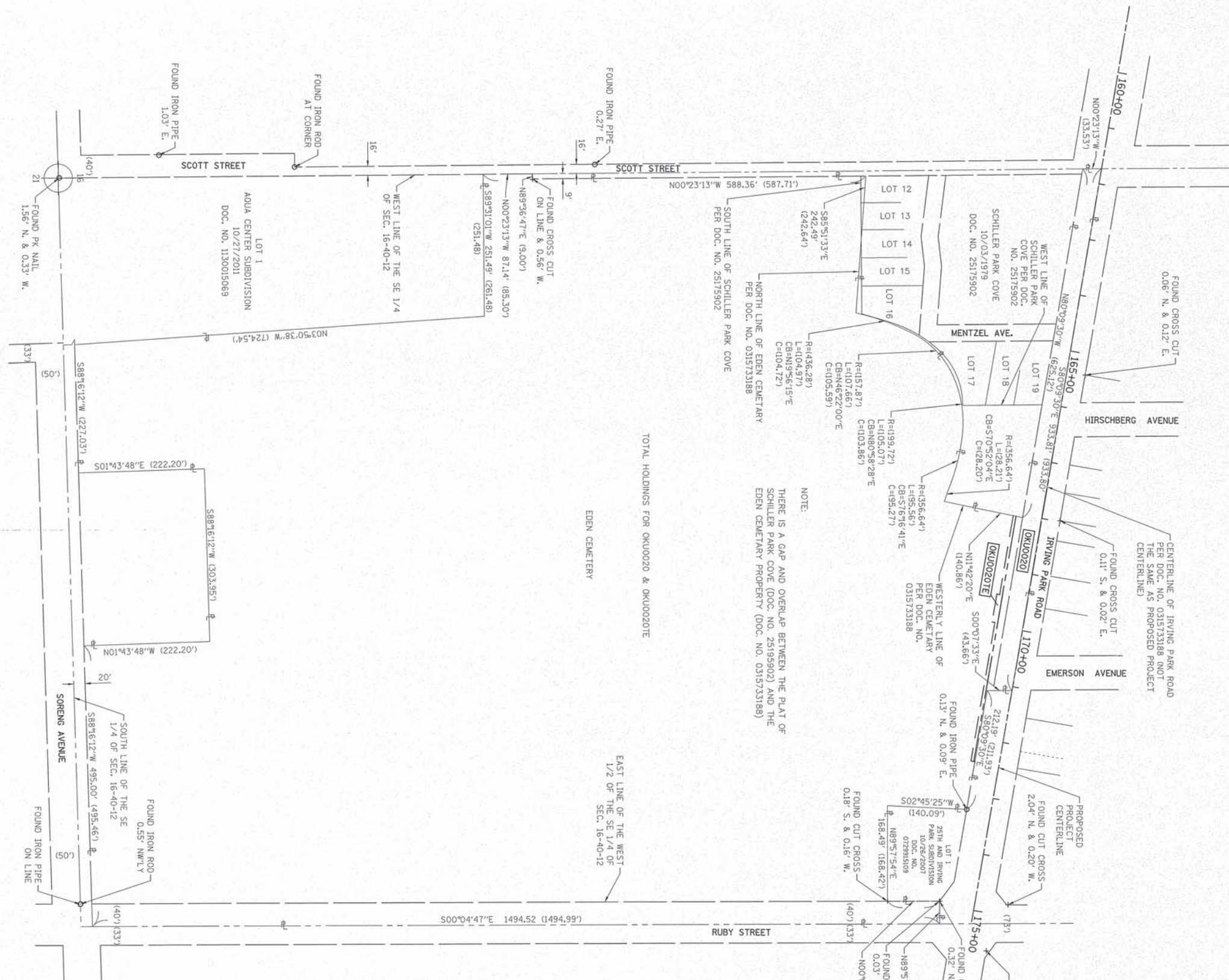


PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

POINT NUMBER	NORTHING	EASTING	STATION	OFFSET
59	1926798.67	1109283.33'	168+03.98	33.82
60	1926786.91	1109280.90'	168+03.56	45.82
61	1926713.99	1109712.96'	172+41.92	42.90
62	1926712.02	1109712.61'	172+41.92	44.90

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
OKU0020 OKU0020TE	40.684	0.799	0.707	39.885	0.056	N/A	12-16-407-010

NOTES:
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AREAS SHOWN ON THIS PLAT ARE "GROUND".



- SECTION / QUARTER SECTION LINE
 - PLATTED LOT LINES
 - PROPERTY (DEED) LINE
 - APPARENT PROPERTY LINE
 - EXISTING CENTERLINE
 - PROPOSED CENTERLINE
 - EXISTING RIGHT OF WAY LINE
 - PROPOSED RIGHT OF WAY LINE
 - EXISTING EASEMENT
 - PROPOSED EASEMENT
 - EXISTING ACCESS CONTROL LINE
 - PROPOSED ACCESS CONTROL LINE
 - MEASURED DIMENSION
 - COMPUTED DIMENSION
 - RECORDED DIMENSION
 - EXISTING BUILDING
- BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.
- IRON PIPE OR ROD FOUND
 - + CUT CROSS FOUND OR SET
 - STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY
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STATE OF ILLINOIS)
 COUNTY OF)

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DATED AT CHICAGO, ILLINOIS THIS 29TH DAY OF OCTOBER, 2014 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3134
 LICENSE EXPIRATION DATE: NOV. 30, 2014

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

DBS DB STERLIN CONSULTANTS, INC.
 123 N. WACKER DRIVE SUITE 2000
 CHICAGO, ILLINOIS 60606
 TEL (312)857-1008 FAX (312)857-1056

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
IL ROUTE 19 (IRVING PARK RD.)

LIMITS: SCOTT ST. TO 25TH AVE. COUNTY: COOK
 SECTION: JOB NO.: R-90-016-14
 STA. N/A
 SCALE: 1" = 100' SHEET 7 OF 7 SHEETS

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196 53 OF 106

NOTES:

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.

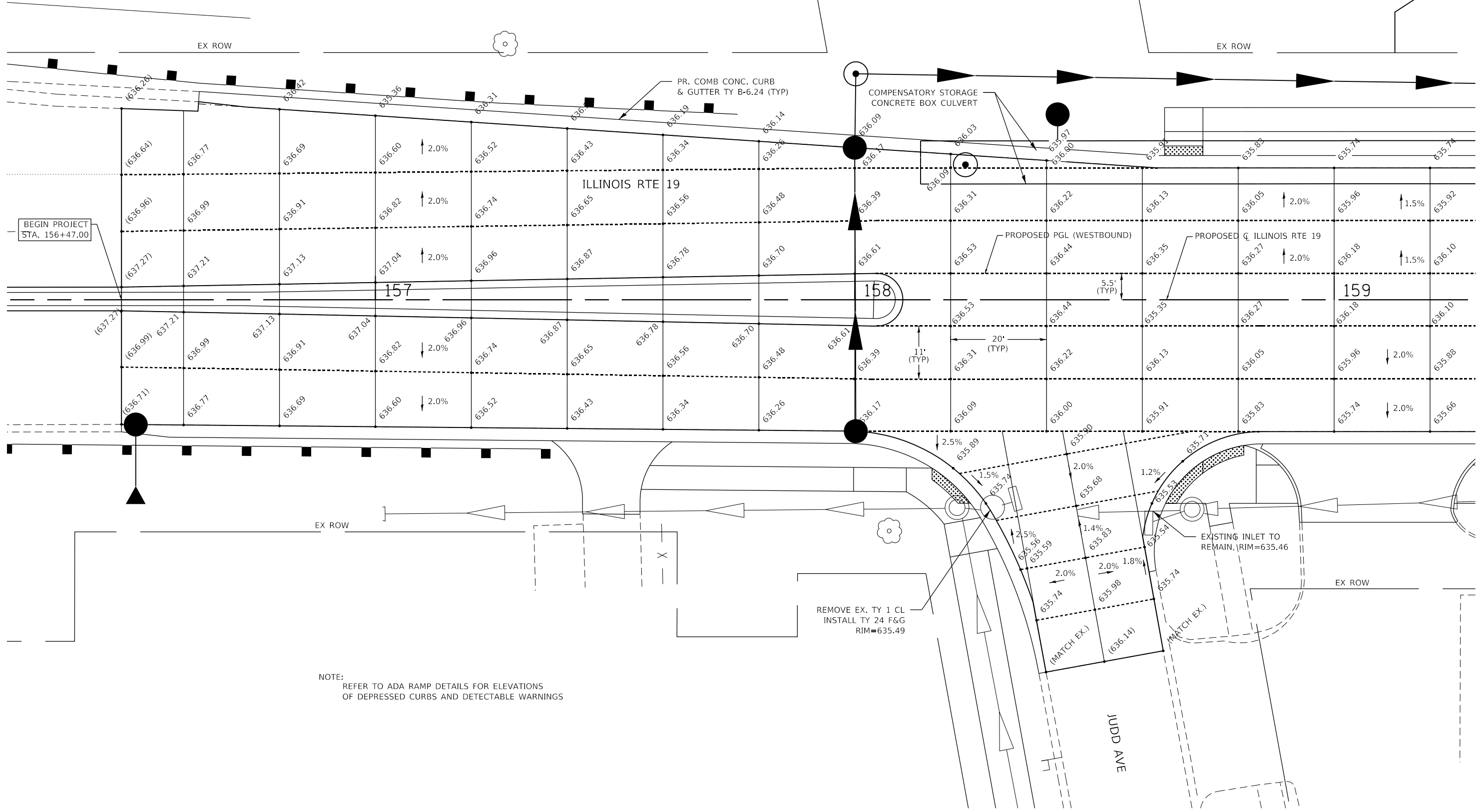
BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".

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AREAS SHOWN ON THIS PLAT ARE "GROUND".

IDOT USE ONLY

RECEIVED
 OCT 29 2014
 PLATS & LEGALS



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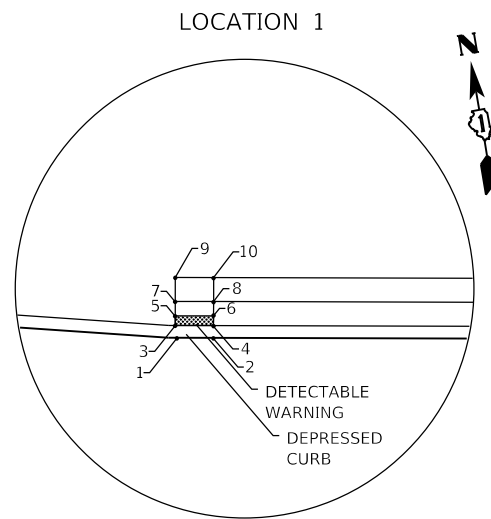
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	DRAWN - WINSON TENG	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MATTHEW CESARIO	REVISED -
PLOT DATE = 6/22/2020	DATE - 06/05/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

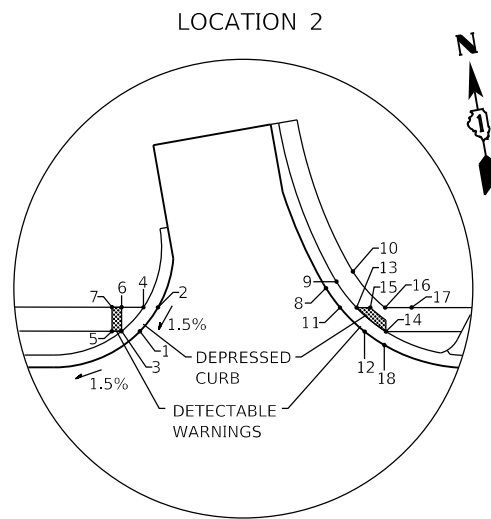
IL RTE 19 AT JUDD AVENUE
INTERSECTION ELEVATION PLAN

SCALE: 1"=10' SHEET 1 OF 1 SHEETS STA. 156+47.00 TO STA. 159+30.37

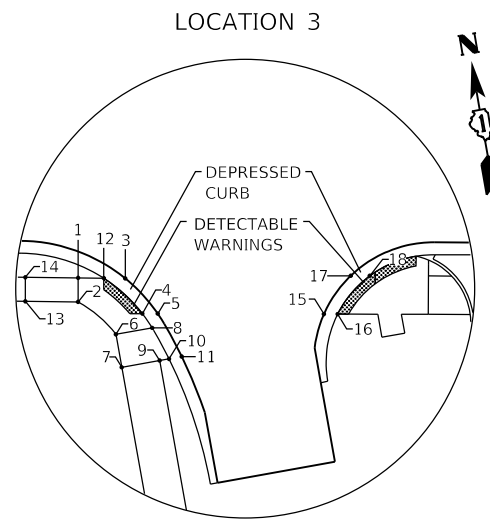
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	54
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				



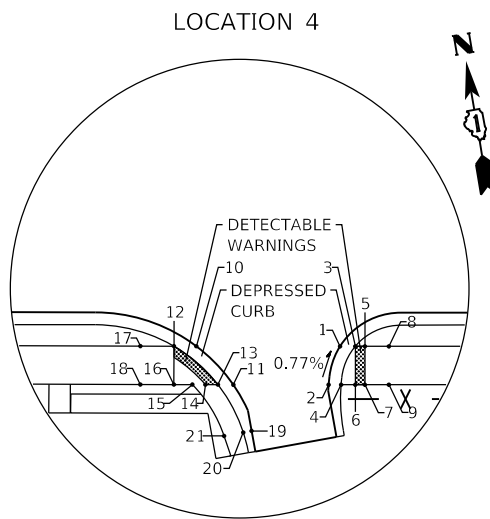
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POINT NO.	STATION	OFFSET (FT)	ELEV.
1	158+64.64	27.50' LT	635.89
2	158+72.64	27.50' LT	635.86
3	158+64.64	30.08' LT	635.88
4	158+72.64	30.08' LT	635.85
5	158+64.64	32.08' LT	635.91
6	158+72.64	32.08' LT	635.88
7	158+64.64	35.08' LT	636.06
8	158+72.64	35.08' LT	636.03
9	158+64.64	40.08' LT	636.17
10	158+72.64	40.08' LT	636.10



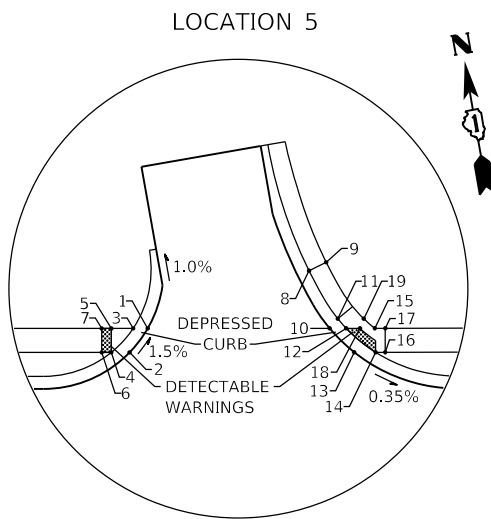
ADA RAMP GRADING PLAN ELEVATION TABLE			
POINT NO.	STATION	OFFSET (FT)	ELEV.
1	161+44.31	35.08' LT	635.91
2	161+48.08	40.08' LT	635.98
3	161+40.49	35.08' LT	635.89
4	161+45.05	40.08' LT	635.96
5	161+38.49	35.08' LT	635.92
6	161+40.49	40.08' LT	635.96
7	161+38.49	40.08' LT	635.99
8	161+83.20	44.14' LT	636.03
9	161+85.40	45.49' LT	636.41
10	161+88.81	47.59' LT	636.46
11	161+86.12	40.08' LT	636.02
12	161+91.25	35.08' LT	635.99
13	161+89.58	40.08' LT	636.00
14	161+95.70	35.08' LT	635.97
15	161+92.44	40.08' LT	636.03
16	161+95.54	40.08' LT	636.09
17	162+01.04	40.08' LT	636.36
18	161+95.37	32.26' LT	635.96



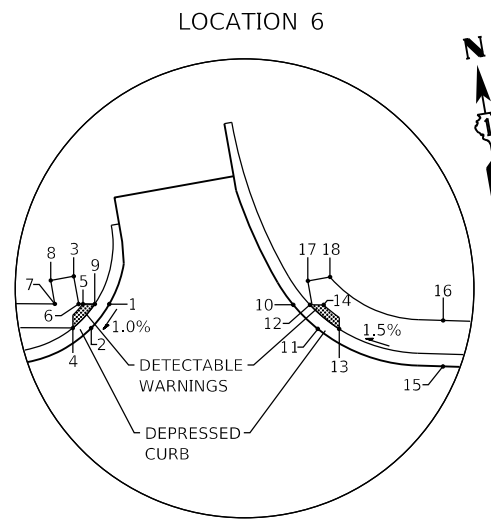
ADA RAMP GRADING PLAN ELEVATION TABLE			
POINT NO.	STATION	OFFSET (FT)	ELEV.
1	158+10.74	35.08' RT	635.96
2	158+10.74	40.08' RT	636.04
3	158+20.56	35.17' RT	635.89
4	158+24.16	42.50' RT	635.73
5	158+27.36	42.50' RT	635.74
6	158+18.65	46.82' RT	635.91
7	158+19.90	53.70' RT	636.07
8	158+26.20	45.45' RT	635.79
9	158+27.77	52.27' RT	635.95
10	158+29.74	51.92' RT	635.92
11	158+32.38	51.44' RT	635.42
12	158+16.11	35.13' RT	635.88
13	157+99.74	39.98' RT	636.70
14	157+99.74	34.98' RT	636.63
15	158+61.99	42.50' RT	635.53
16	158+64.84	42.50' RT	635.52
17	158+67.55	34.50' RT	635.71
18	158+71.54	34.50' RT	635.70



ADA RAMP GRADING PLAN ELEVATION TABLE			
POINT NO.	STATION	OFFSET (FT)	ELEV.
1	161+91.56	34.49' RT	635.99
2	161+89.17	42.49' RT	636.06
3	161+94.74	34.50' RT	635.97
4	161+91.76	42.50' RT	636.04
5	161+96.74	34.50' RT	636.00
6	161+94.74	42.50' RT	636.08
7	161+96.74	42.50' RT	636.11
8	162+01.74	34.50' RT	636.25
9	162+01.74	42.50' RT	636.56
10	161+61.71	34.50' RT	635.87
11	161+69.43	42.50' RT	635.91
12	161+57.05	34.50' RT	635.85
13	161+66.22	42.50' RT	635.89
14	161+63.63	42.50' RT	635.92
15	161+60.90	42.50' RT	635.96
16	161+57.05	42.50' RT	636.01
17	161+50.05	34.50' RT	636.13
18	161+50.05	42.50' RT	636.25
19	161+73.12	52.14' RT	635.96
20	161+71.53	52.45' RT	636.46
21	161+67.55	53.17' RT	636.51

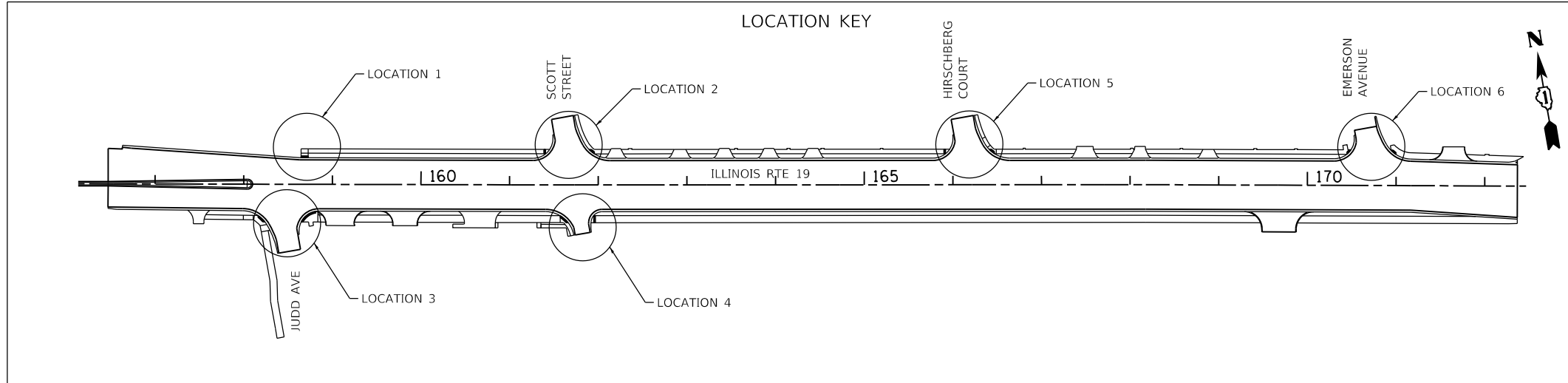


ADA RAMP GRADING PLAN ELEVATION TABLE			
POINT NO.	STATION	OFFSET (FT)	ELEV.
1	165+99.48	40.08' LT	637.30
2	165+95.72	35.08' LT	637.39
3	165+96.45	40.08' LT	637.29
4	165+91.90	35.08' LT	637.38
5	165+91.90	40.08' LT	637.35
6	165+89.90	35.08' LT	637.41
7	165+89.90	40.08' LT	637.38
8	166+33.09	52.08' LT	638.20
9	166+36.68	53.85' LT	638.27
10	166+37.39	40.08' LT	637.66
11	166+39.09	42.08' LT	637.68
12	166+40.85	40.08' LT	637.65
13	166+42.52	35.08' LT	637.58
14	166+46.97	35.08' LT	637.57
15	166+46.97	40.08' LT	637.64
16	166+48.97	35.08' LT	637.60
17	166+48.99	40.08' LT	637.67
18	166+43.71	40.08' LT	637.68
19	166+44.50	42.08' LT	637.68

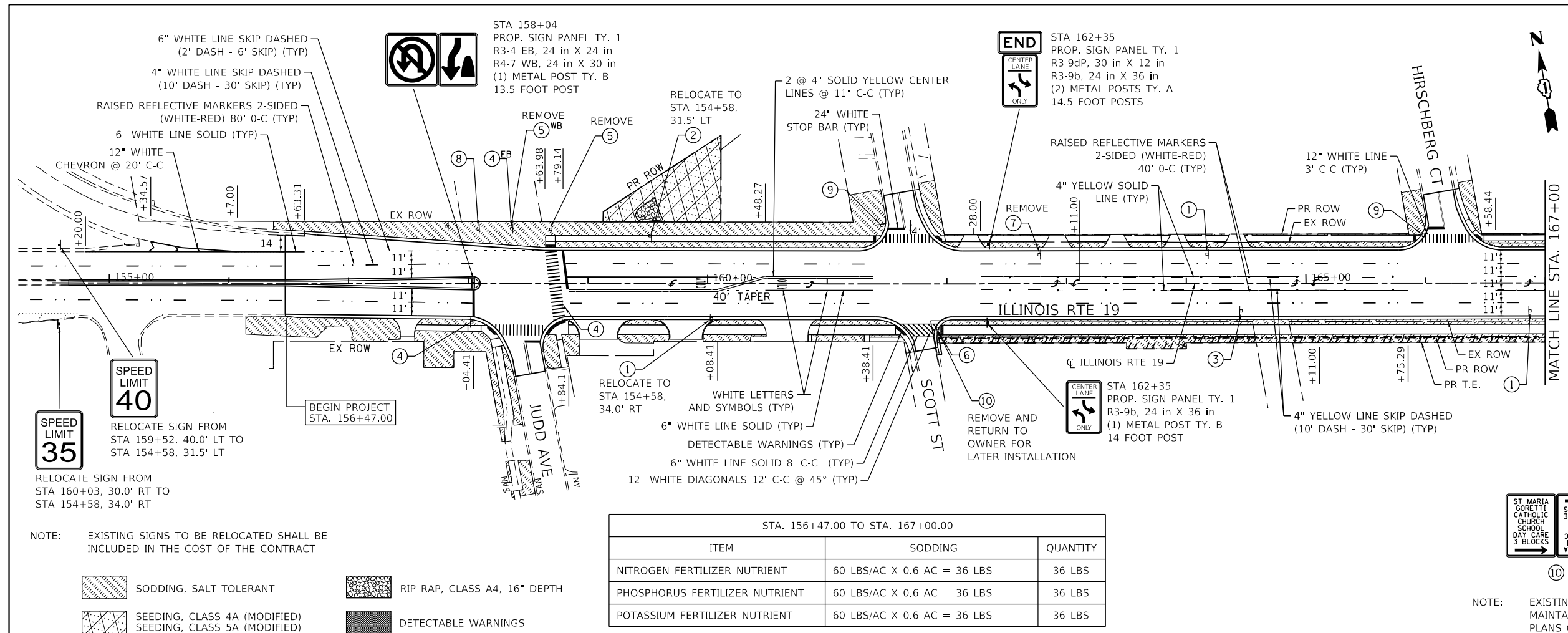


ADA RAMP GRADING PLAN ELEVATION TABLE							
POINT NO.	STATION	OFFSET (FT)	ELEV.	POINT NO.	STATION	OFFSET (FT)	ELEV.
1	170+51.95	40.08' LT	638.16	10	170+90.30	40.08' LT	638.26
2	170+48.19	35.08' LT	638.11	11	170+95.43	35.08' LT	638.22
3	170+48.92	40.08' LT	638.14	12	170+93.76	40.08' LT	638.24
4	170+44.37	35.08' LT	638.09	13	170+99.88	35.08' LT	638.20
5	170+46.46	40.08' LT	638.17	14	170+96.62	40.08' LT	638.27
6	170+45.57	40.08' LT	638.18	15	171+21.53	29.93' LT	638.54
7	170+40.59	40.08' LT	638.21	16	171+21.53	36.94' LT	638.66
8	170+39.72	44.97' LT	MATCH EX	17	170+93.32	45.06' LT	638.28
9	170+44.51	45.84' LT	MATCH EX	18	170+97.93	45.90' LT	638.35

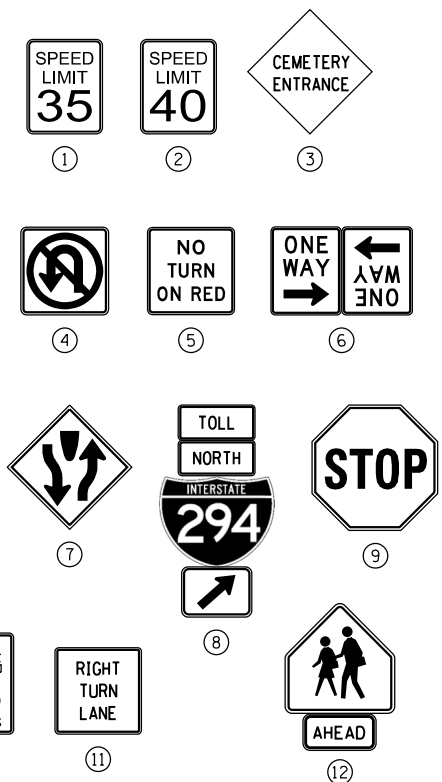
NOTES:
 1. THE CONTRACTOR SHALL UTILIZE "DEPRESSED CURB ADJACENT TO CURB RAMP ACCESSIBLE TO THE DISABLED" PORTION OF IDOT HIGHWAY STANDARD 606001-06 FOR ESTABLISHING THE EDGE OF PAVEMENT / TOP OF DEPRESSED CURB RELATIONSHIP ON ALL CURB RAMP. RELATIONSHIP IS AS FOLLOWS:
 EOP-TOC (B-6.12) EOP+0.44'=TOC EOP-TOC (B-6.24) EOP+0.38'=TOC
 EOP-TODC (B-6.12) EOP-0.01'=TODC EOP-TODC (B-6.24) EOP-0.06'=TODC
 2. STATION AND OFFSET ARE FROM THE PROPOSED CENTERLINE OF ILLINOIS RTE 19



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 DATE: 6/20/2020

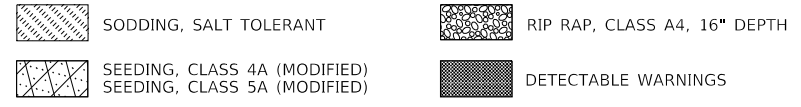


EXISTING SIGNAGE LEGEND



NOTE: EXISTING SIGNS SHALL BE RESTORED, MAINTAINED, OR REMOVED AS INDICATED IN THE PLANS OR AS DETERMINED BY THE ENGINEER.

NOTE: EXISTING SIGNS TO BE RELOCATED SHALL BE INCLUDED IN THE COST OF THE CONTRACT

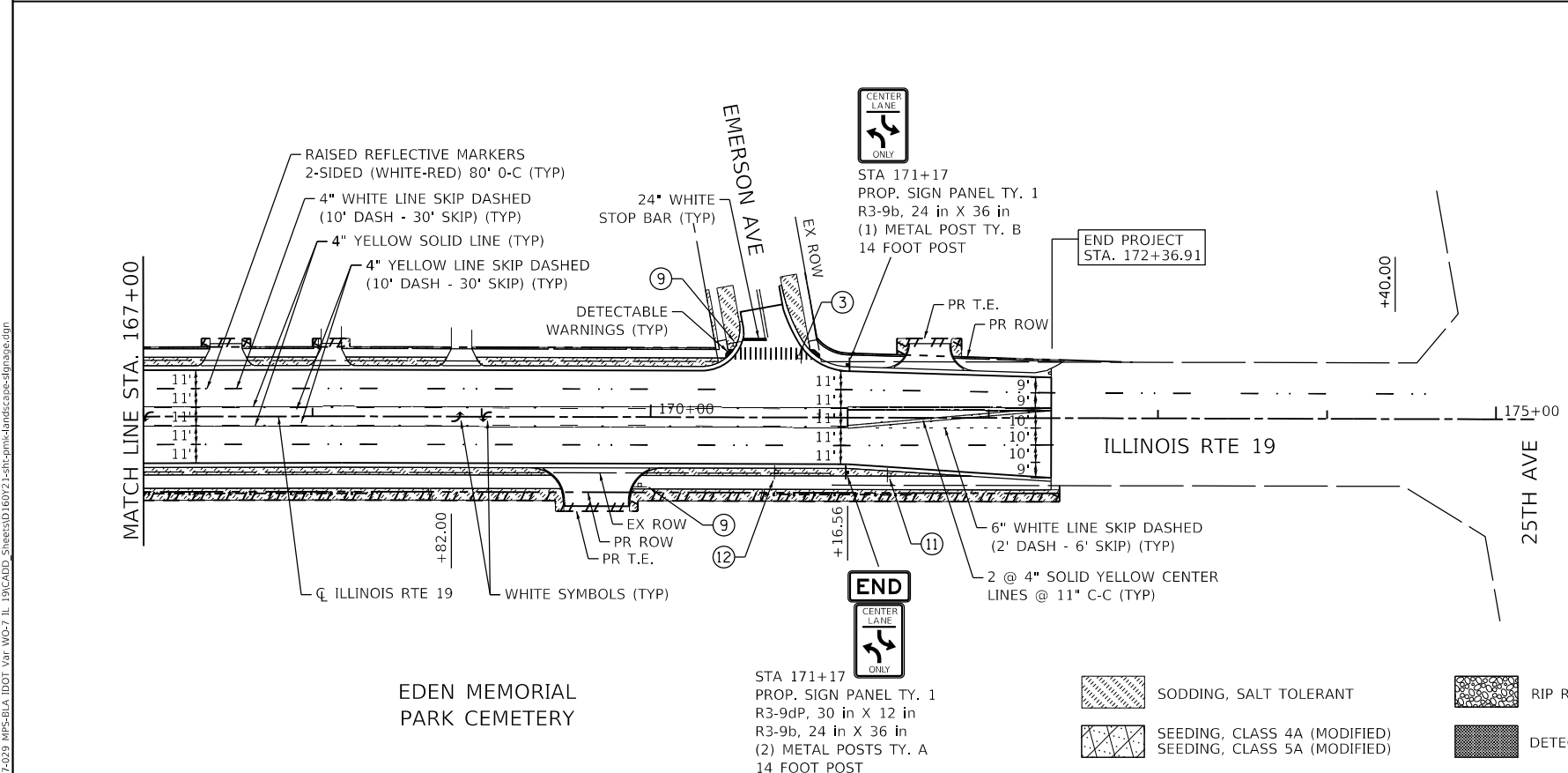


STA. 156+47.00 TO STA. 167+00.00

ITEM	SODDING	QUANTITY
NITROGEN FERTILIZER NUTRIENT	60 LBS/AC X 0.6 AC = 36 LBS	36 LBS
PHOSPHORUS FERTILIZER NUTRIENT	60 LBS/AC X 0.6 AC = 36 LBS	36 LBS
POTASSIUM FERTILIZER NUTRIENT	60 LBS/AC X 0.6 AC = 36 LBS	36 LBS

PAVEMENT MARKING NOTES

- PAVEMENT MARKING AND RAISED REFLECTIVE MARKERS SHALL BE IN CONFORMANCE WITH THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, STANDARD DETAIL 780001, DISTRICT ONE STANDARDS, THE PLAN DETAILS AND THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
- ALL FINAL PAVEMENT MARKING SYMBOLS SHALL BE OF LARGE SIZE.
- ALL 4" EDGE LINES SHALL TERMINATE WHERE THEY MEET BARRIER CURB EXCEPT WHERE OTHERWISE INDICATED IN THE PLANS.
- RAISED REFLECTIVE MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2" TOWARDS TRAFFIC AND SPACED AT 40' ON CENTER (O.C.) EXCEPT WHERE OTHERWISE NOTED IN THE PLANS.
- RAISED REFLECTIVE MARKERS USED WITH BROKEN (DASHED) LINES SHALL BE SPACED AT 80' ON CENTER (O.C.) IN THE GAP BETWEEN SEGMENTS.
- STOP BARS SHALL BE PLACED 4' BEHIND CROSSWALK LINES AS SHOWN.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE MARKINGS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- THE RESIDENT ENGINEER SHALL CONTACT AREA TRAFFIC FIELD TECHNICIAN MR. JOE ECKERT AT JOE.ECKERT@ILLINOIS.GOV A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- STATION AND OFFSET MEASUREMENTS AS SHOWN ON THE PLANS FOR 24" WHITE STOP BARS ARE TAKEN AT THE ENDS OF THE MARKINGS ALONG THE LONGITUDINAL CENTERLINES.



STA. 167+00.00 TO STA. 172+36.91

ITEM	SODDING	QUANTITY
NITROGEN FERTILIZER NUTRIENT	60 LBS/AC X 0.15 AC = 9 LBS	9 LBS
PHOSPHORUS FERTILIZER NUTRIENT	60 LBS/AC X 0.15 AC = 9 LBS	9 LBS
POTASSIUM FERTILIZER NUTRIENT	60 LBS/AC X 0.15 AC = 9 LBS	9 LBS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 19 AT JUDD AVENUE
PAVEMENT MARKING, LANDSCAPING, & SIGNAGE PLAN**

SCALE: 1" = 50' SHEET 1 OF 1 SHEETS STA. 156+47 TO STA. 172+37

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	56

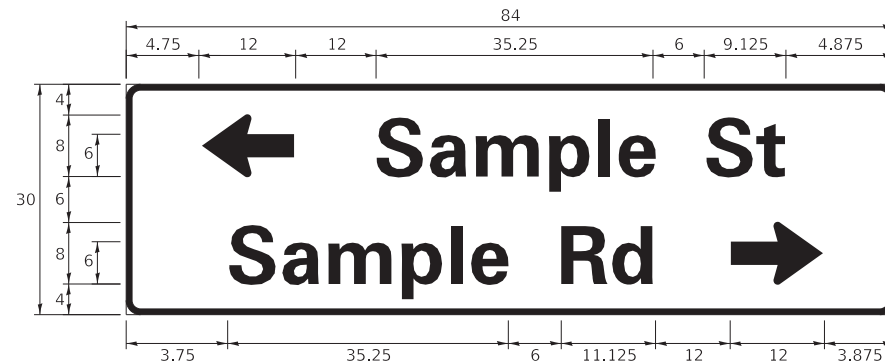
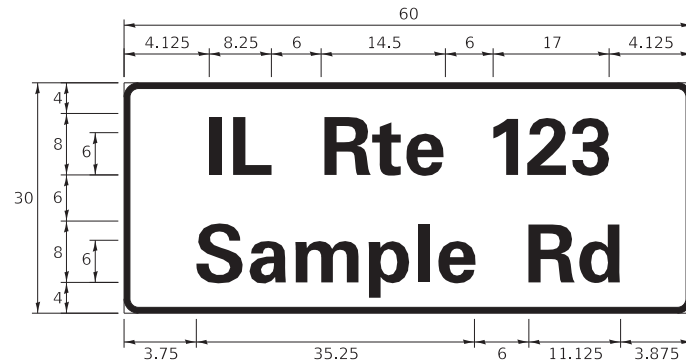
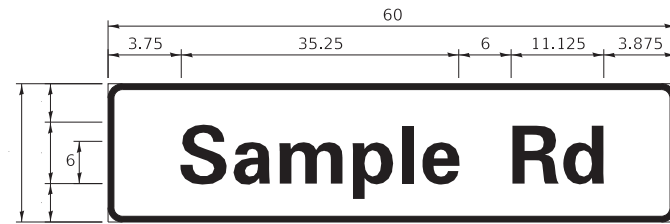
CONTRACT NO. 60Y21
ILLINOIS FED. AID PROJECT



USER NAME = WTeng	DESIGNED - WINSON TENG	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - WINSON TENG	REVISED -
PLOT DATE = 6/20/2020	CHECKED - MATTHEW CESARIO	REVISED -
	DATE - 06/05/2020	REVISED -

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SIGN PANEL – TYPE 1 OR TYPE 2



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

COMMON STREET NAME ABBREVIATIONS AND WIDTHS

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

GENERAL NOTES

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

LOCAL SUPPLIERS:

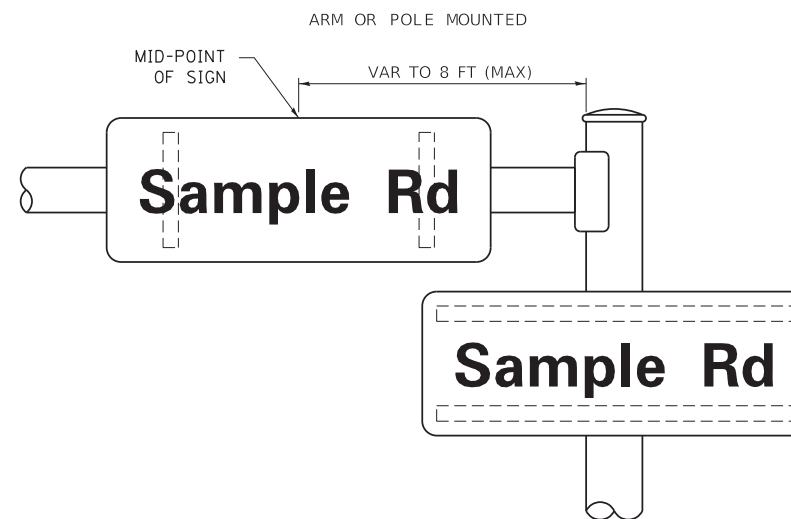
- J.O. HERBERT COMPANY, INC
MIDLOTHIAN, VA
- WESTERN REMAC, INC.
WOODRIDGE, IL

PARTS LISTING:

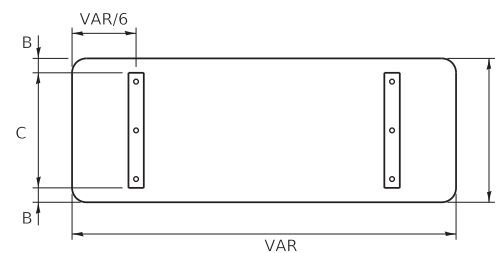
- SIGN CHANNEL PART #HPN053 (MED. CHANNEL)
- SIGN SCREWS 1/4" x 14 x 1" H.W.H. #3
- BRACKETS SELF TAPPING WITH NEOPRENE WASHER PART #HPN034 (UNIVERSAL)
- CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING

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

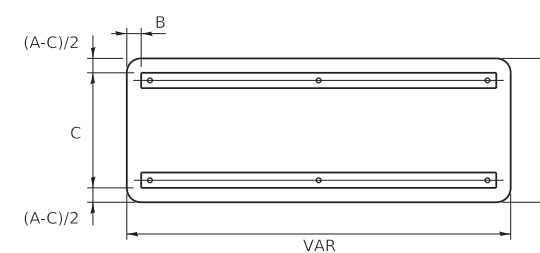
MOUNTING LOCATION



SUPPORTING CHANNELS



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



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

STANDARD ALPHABETS SPACING CHART

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

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
MAST ARM MOUNTED STREET NAME SIGNS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	57
TS-02		CONTRACT NO. 60Y21		
ILLINOIS		FED. AID PROJECT		

SCALE: SHEET OF SHEETS STA. TO STA.

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

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

MODEL: D:\draft\...
 FILE: NAME: ...
 PROJECT: ...
 OFFICE: ...
 DATE: ...

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	DRAWN - IP	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED - LP	REVISED -	
PLOT DATE = 3/4/2019	DATE - 9/29/2016	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

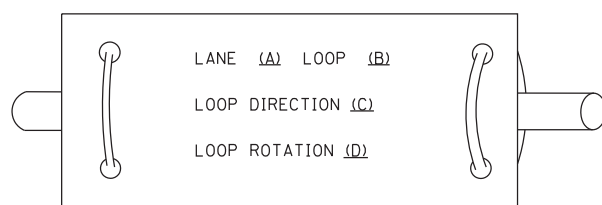
DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS			
SCALE: NONE	SHEET 1 OF 7 SHEETS	STA. TO STA.	

F.A.P. RTE. 345	SECTION 3058A-N(14)	COUNTY COOK	TOTAL SHEETS 106	SHEET NO. 58
TS-05			CONTRACT NO. 60Y21	
ILLINOIS FED. AID PROJECT				

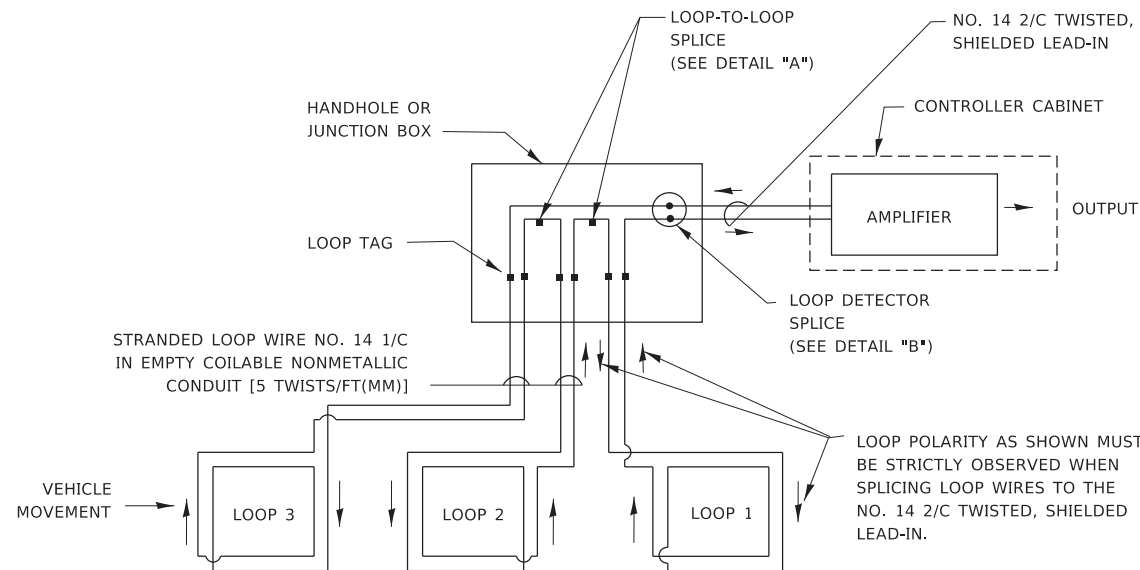
LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. 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.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVESHOLES 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" (450 mm) APART.
6. 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. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, 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.

LOOP LEAD-IN CABLE TAG

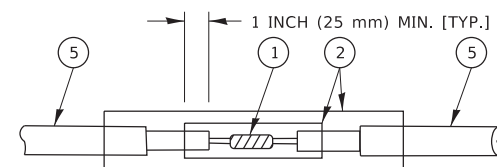


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

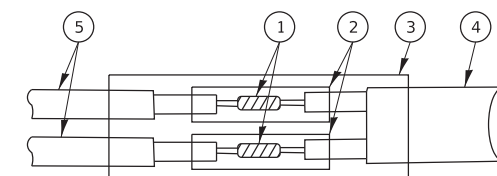


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES. SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE,
- THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

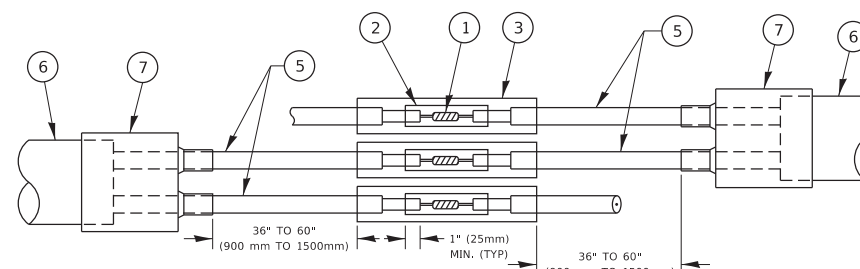


DETAIL "A"
LOOP-TO-LOOP SPLICE

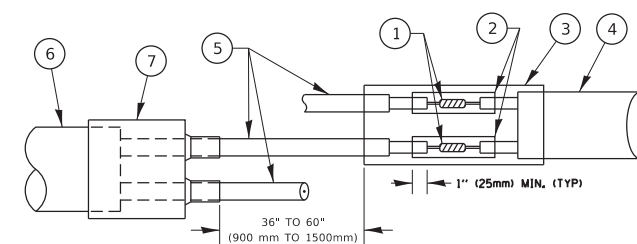


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

PREFORMED LOOP

LOOP DETECTOR SPLICE

- 1 WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- 2 WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- 3 WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- 4 NO. 14 2/C TWISTED, SHIELDED CABLE.
- 5 LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE. PREFORMED LOOP
- 6 XL POLYOLEFIN 2 CONDUCTOR
- 7 BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

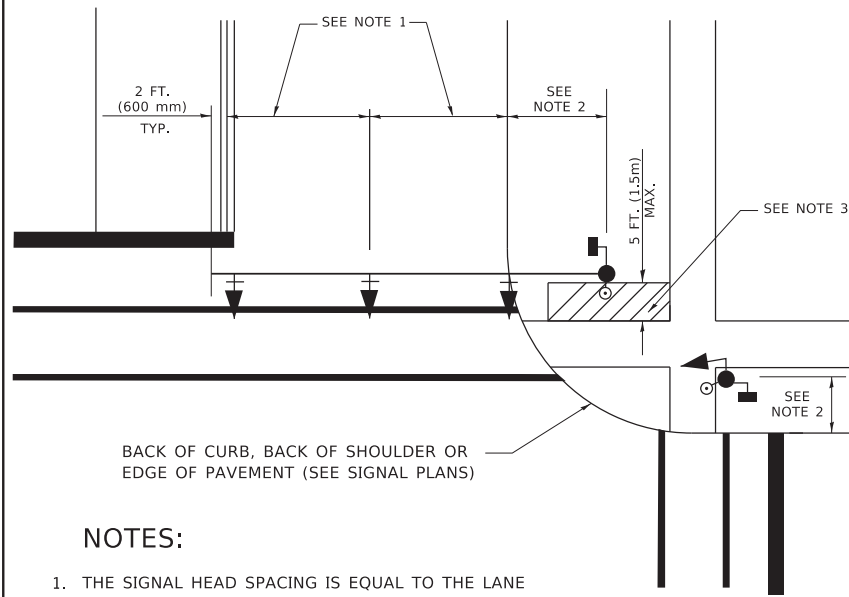
**DISTRICT ONE
 STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	59
TS-05		CONTRACT NO. 60Y21		
		ILLINOIS	FED. AID PROJECT	

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

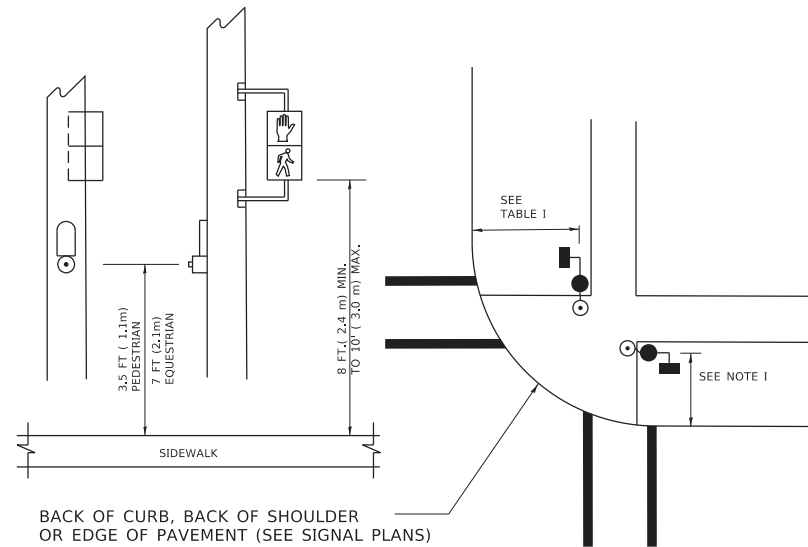
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

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

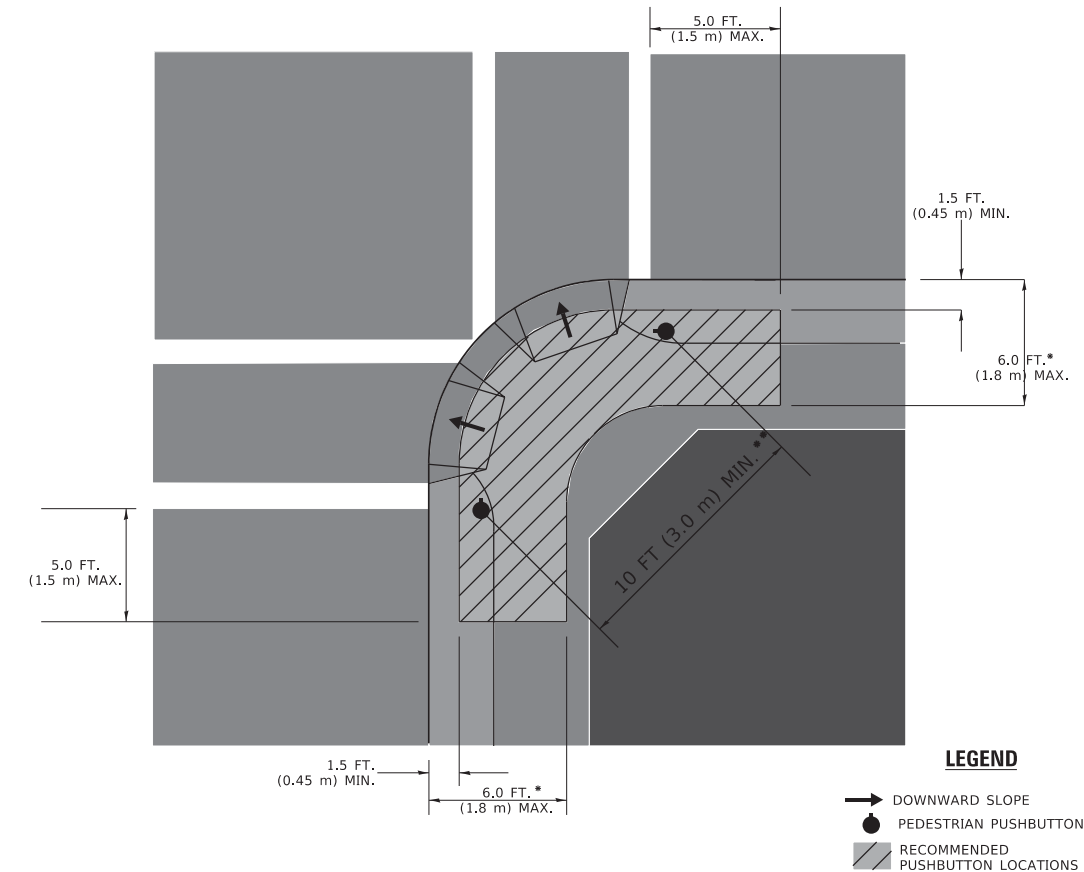
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



NOTES:

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

RECOMMENDED PUSHBUTTON LOCATIONS



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

NOTES:

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

TRAFFIC SIGNAL EQUIPMENT OFFSET

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

NOTES:

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

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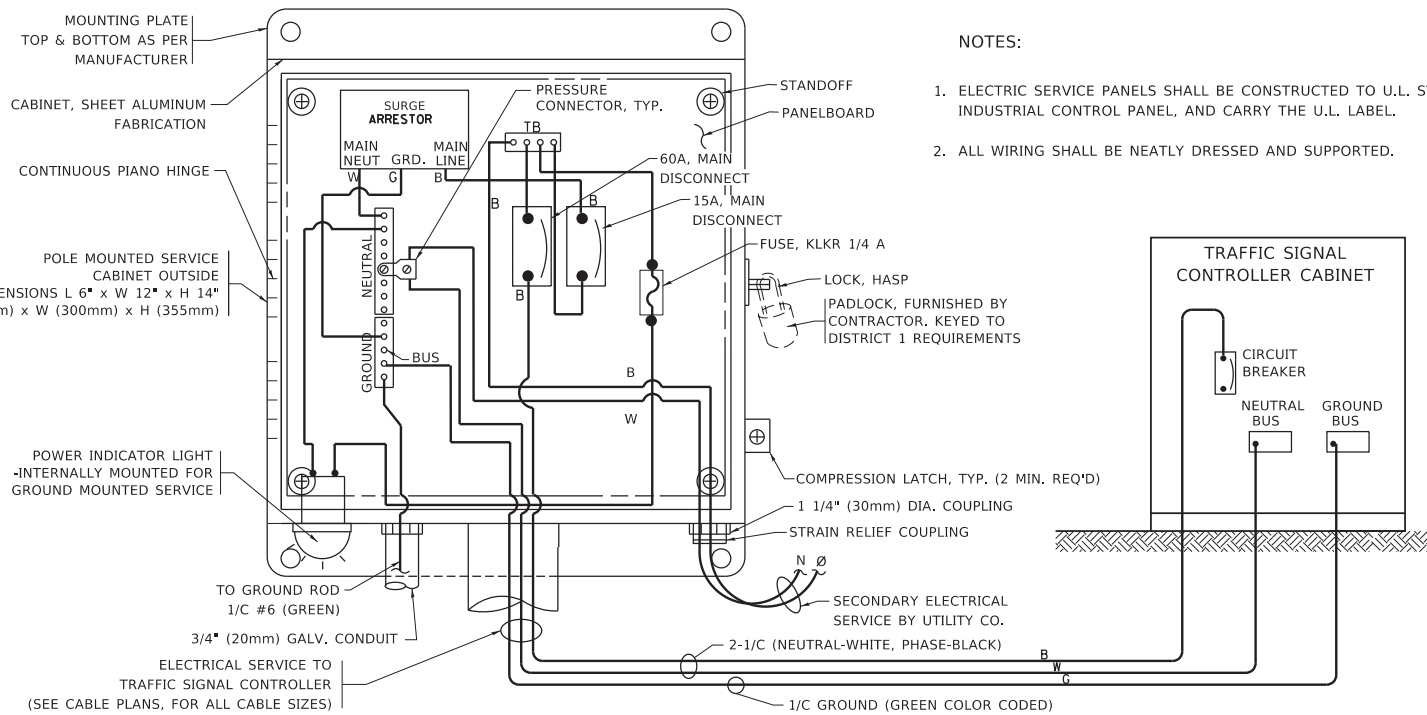
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

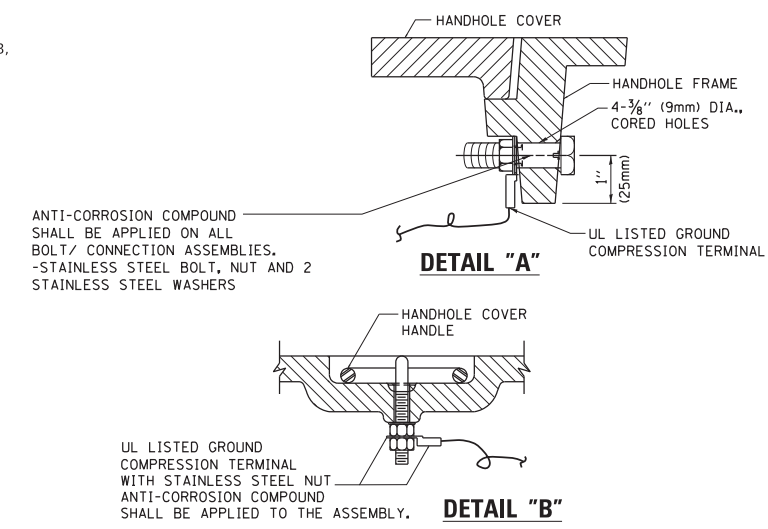
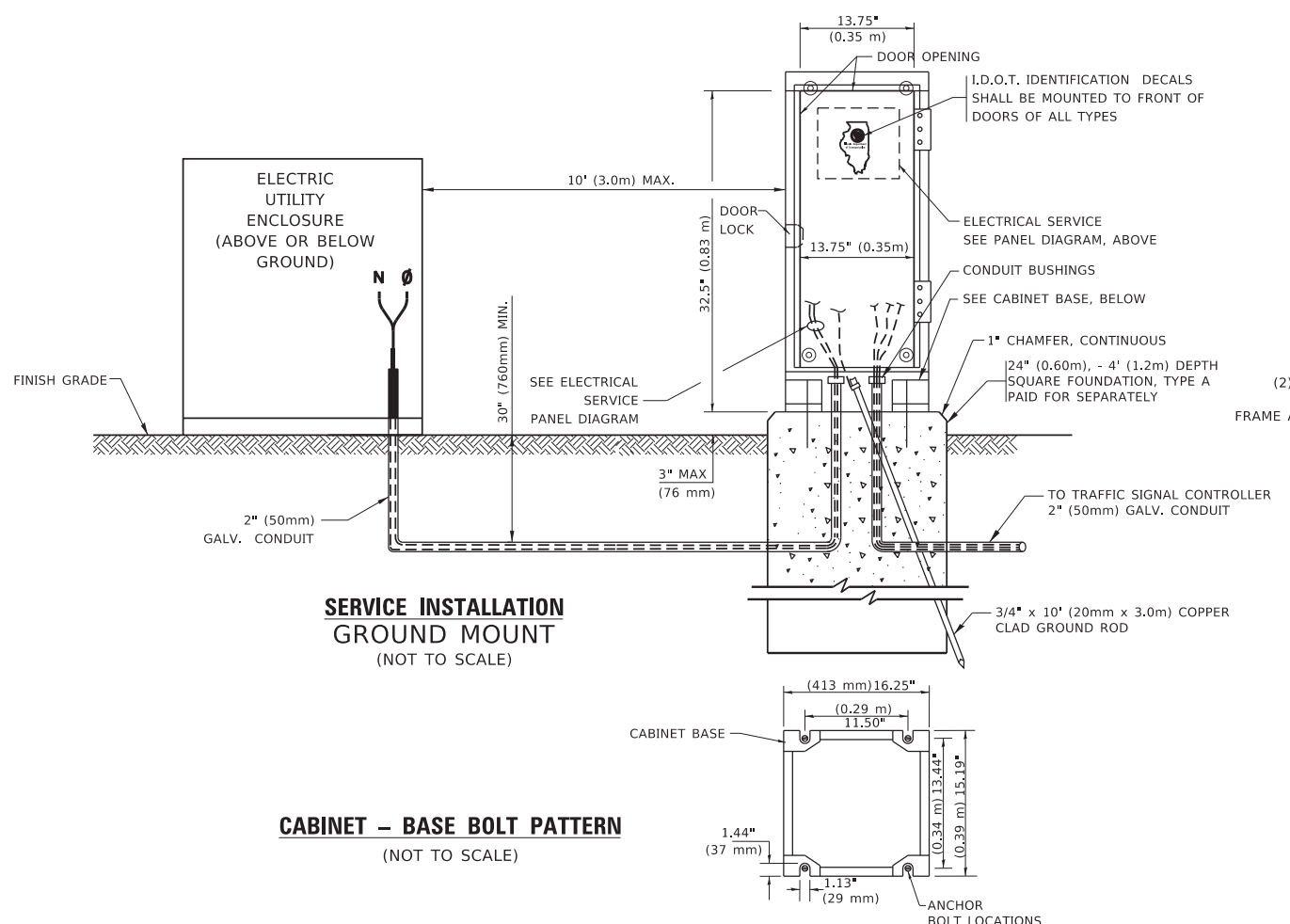
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	60
TS-05		CONTRACT NO. 60Y21		
ILLINOIS FED. AID PROJECT				

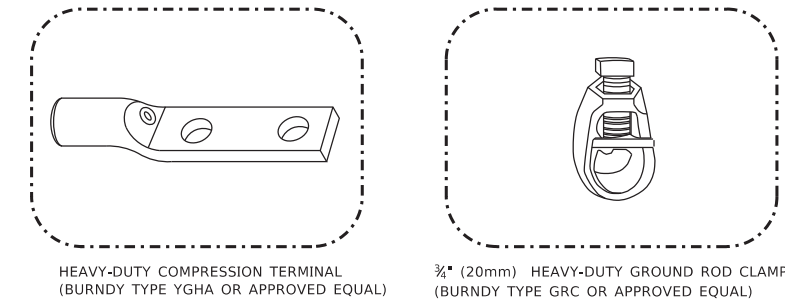
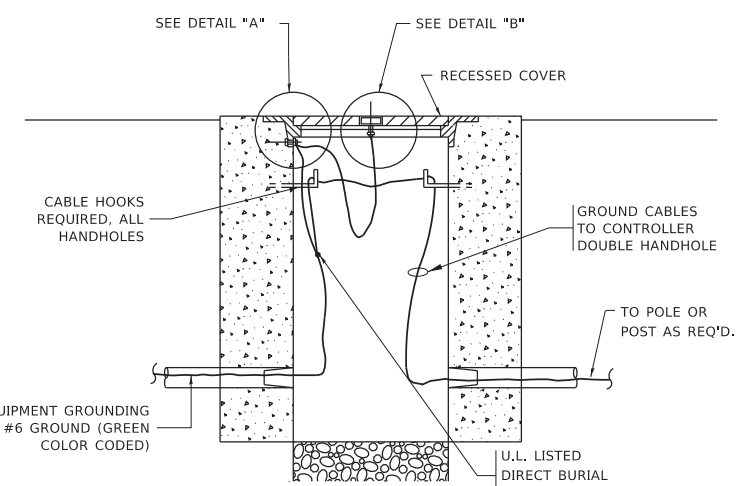


ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
 (NOT TO SCALE)



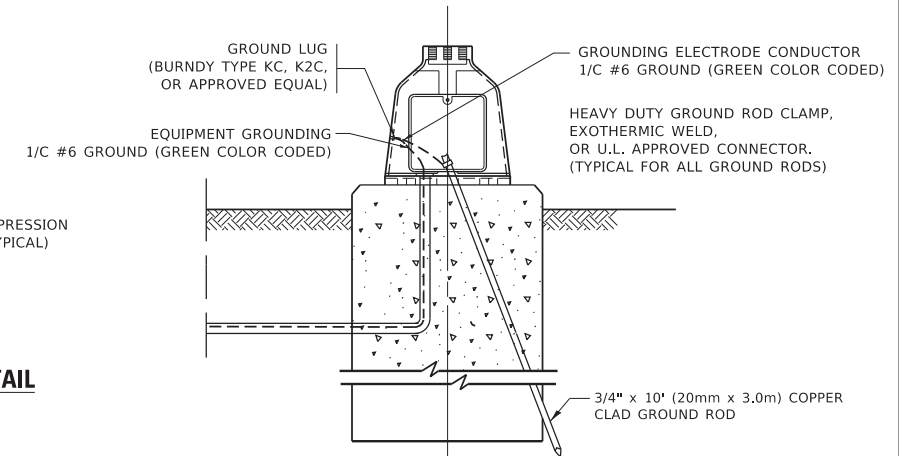
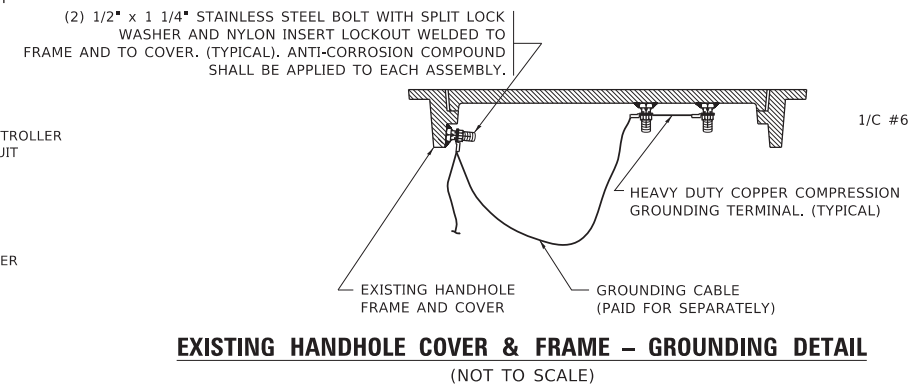
NOTES:
GROUNDING SYSTEM

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



NOTES:

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



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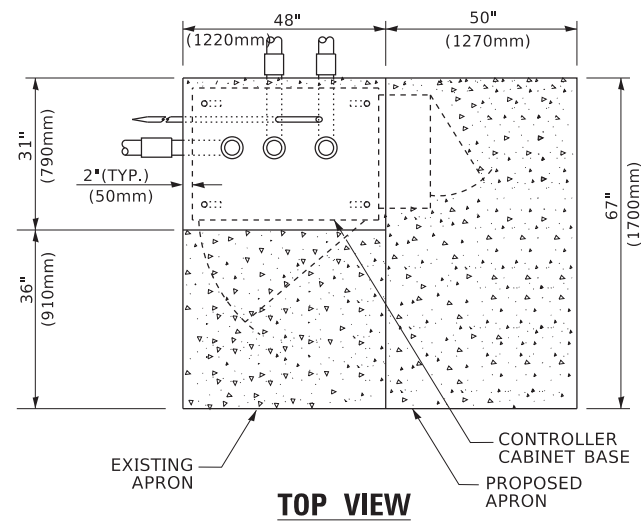
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

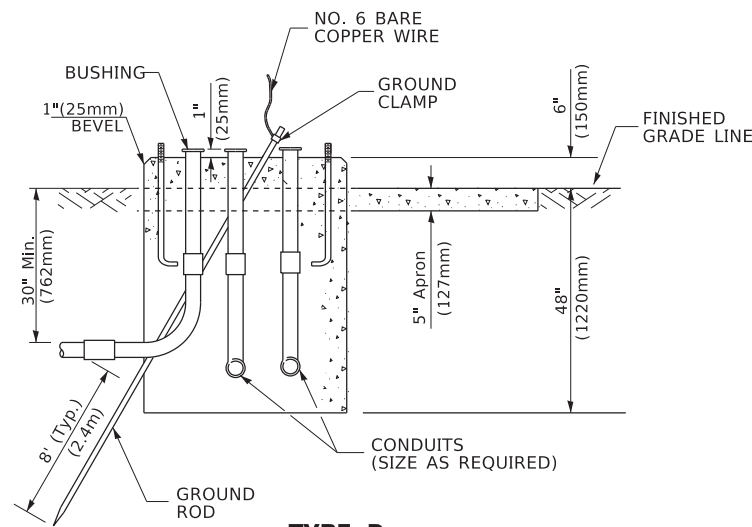
**DISTRICT ONE
 STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

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

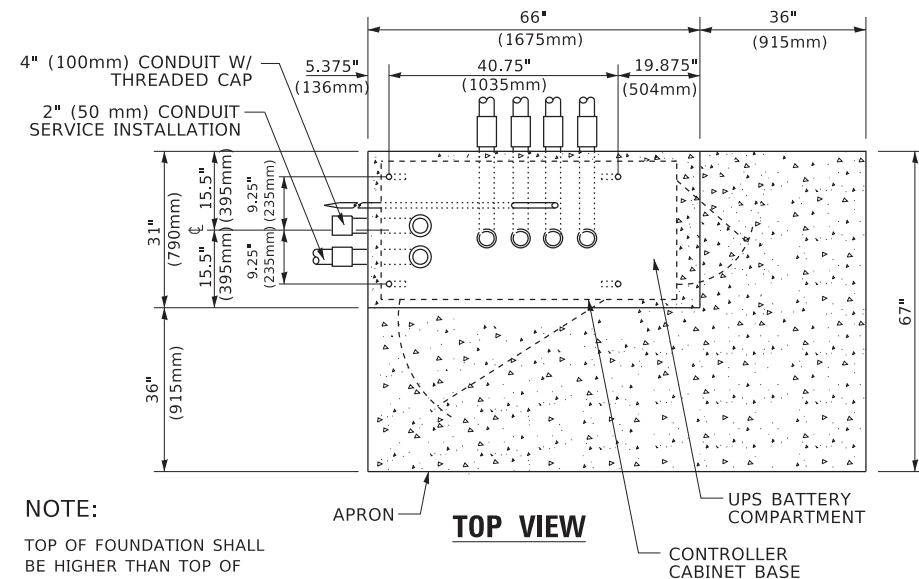
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	61
TS-05		CONTRACT NO. 60Y21		
ILLINOIS FED. AID PROJECT				



TOP VIEW

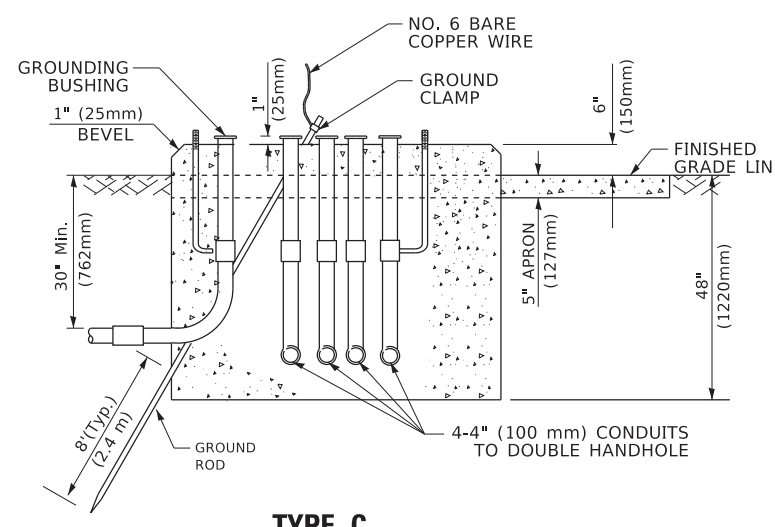


**TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET**

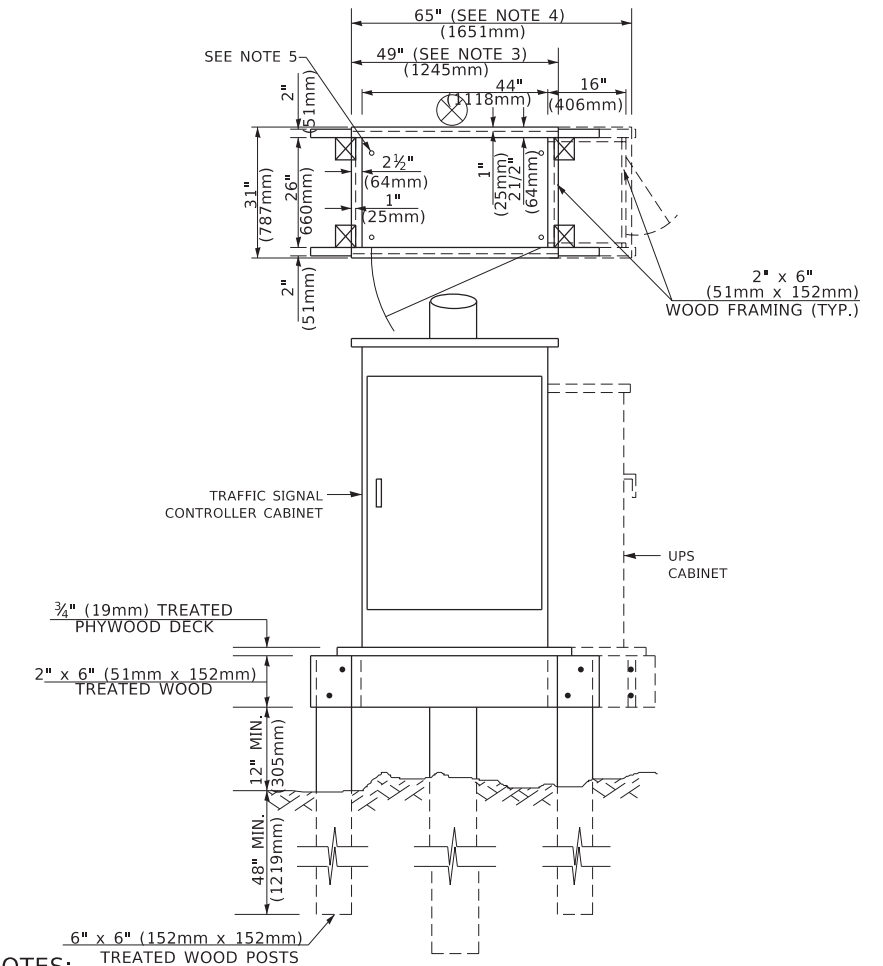


NOTE:

TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE



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



NOTES:

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

**TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM**

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

CABLE SLACK

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

VERTICAL CABLE LENGTH

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

DEPTH OF FOUNDATION

MAST ARM LENGTH	① FOUNDATION DEPTH	FOUNDATION DIAMETER	SPIRAL DIAMETER	QUANTITY OF REBARS	SIZE OF REBARS
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 55' (16.8 m) and less than 65' (19.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

NOTES:

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

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

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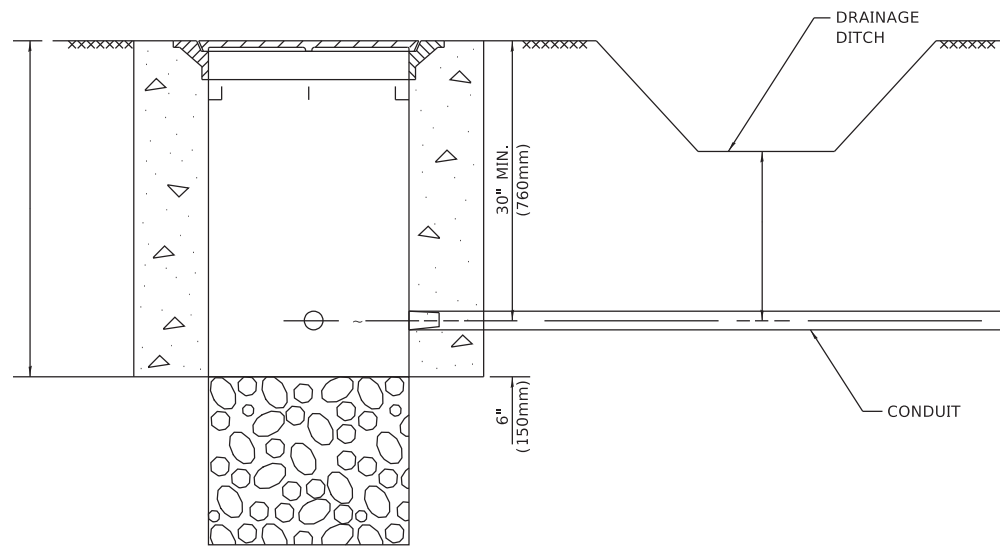
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

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

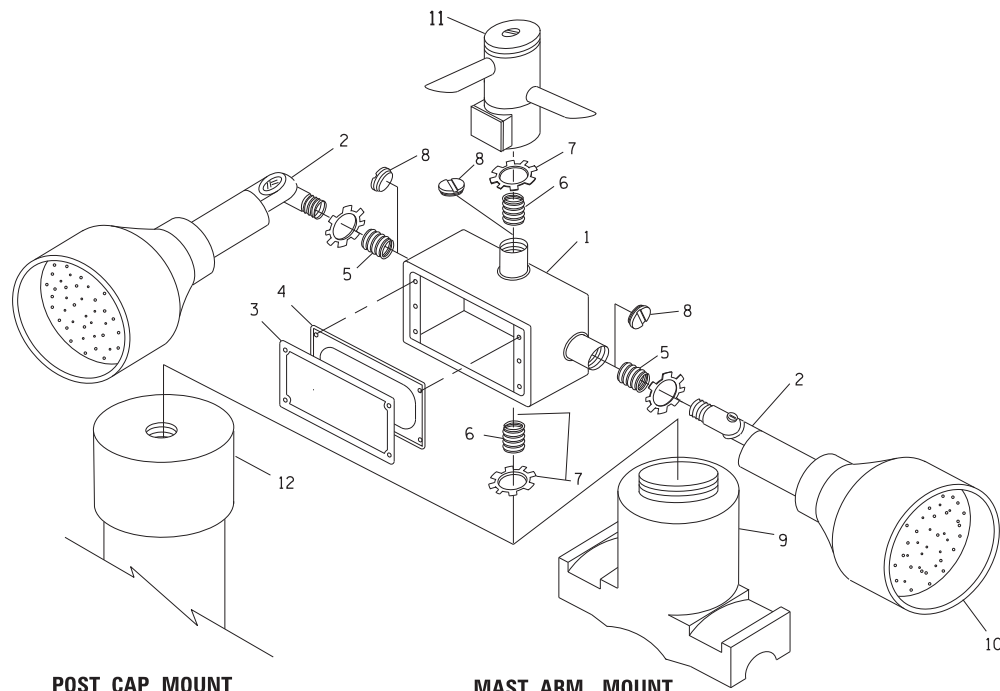
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	62
TS-05		CONTRACT NO. 60Y21		
		ILLINOIS	FED. AID PROJECT	



NOTES:

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

HANDHOLE WITH MINIMUM CONDUIT DEPTH
(NOT TO SCALE)

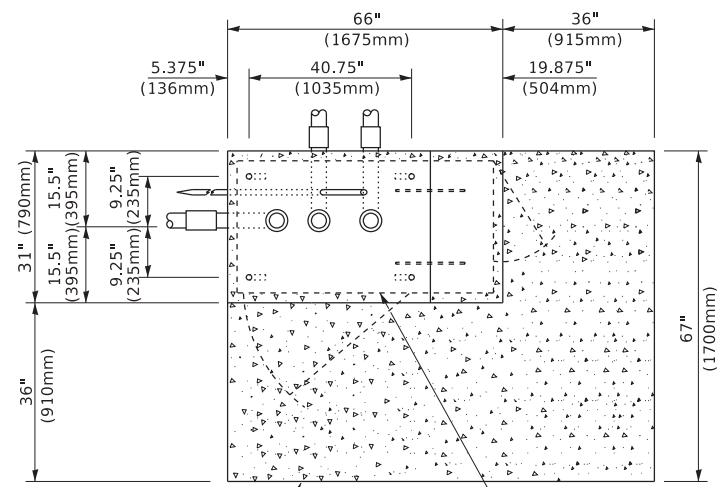


POST CAP MOUNT **MAST ARM MOUNT**
EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION
BEACON MOUNTING DETAIL

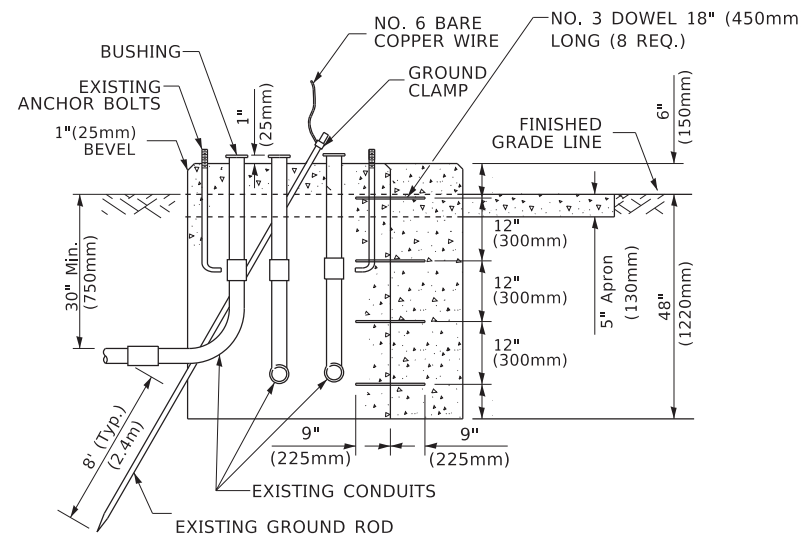
ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0,000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4" (19 mm) CLOSE NIPPLE
7	3/4" (19 mm) LOCKNUT
8	3/4" (19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

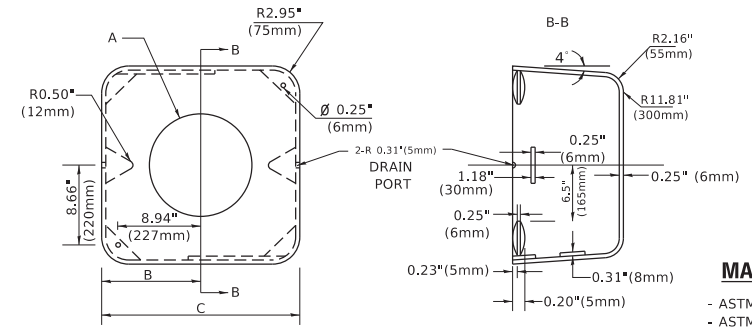
1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE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



TOP VIEW
(NOT TO SCALE)



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



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

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

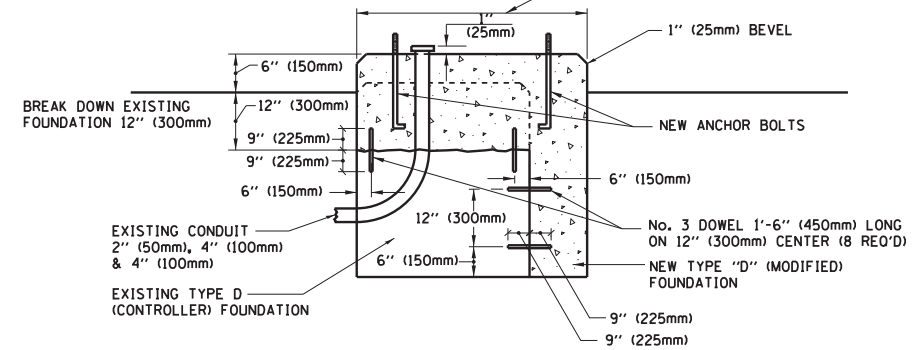
SHROUD

NOTES:

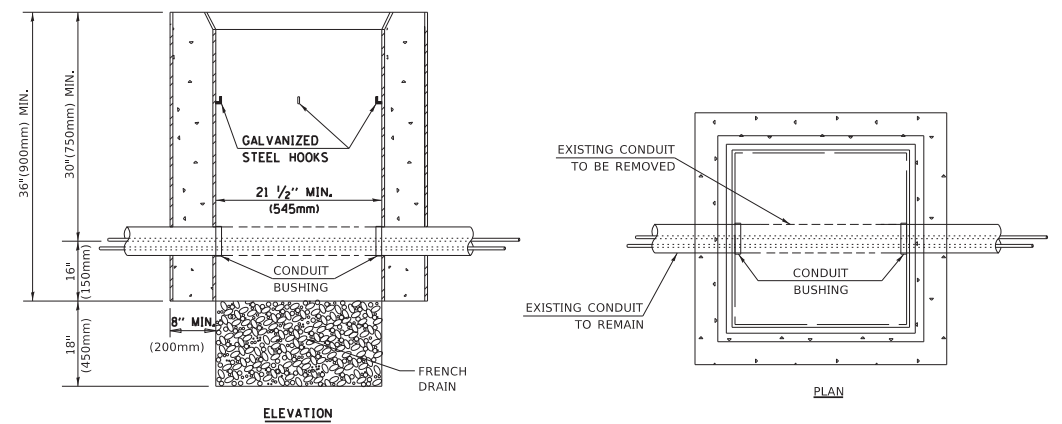
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

NOTE:

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



MODIFY EXISTING TYPE "D" FOUNDATION



NOTES:

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

HANDHOLE TO INTERCEPT EXISTING CONDUIT

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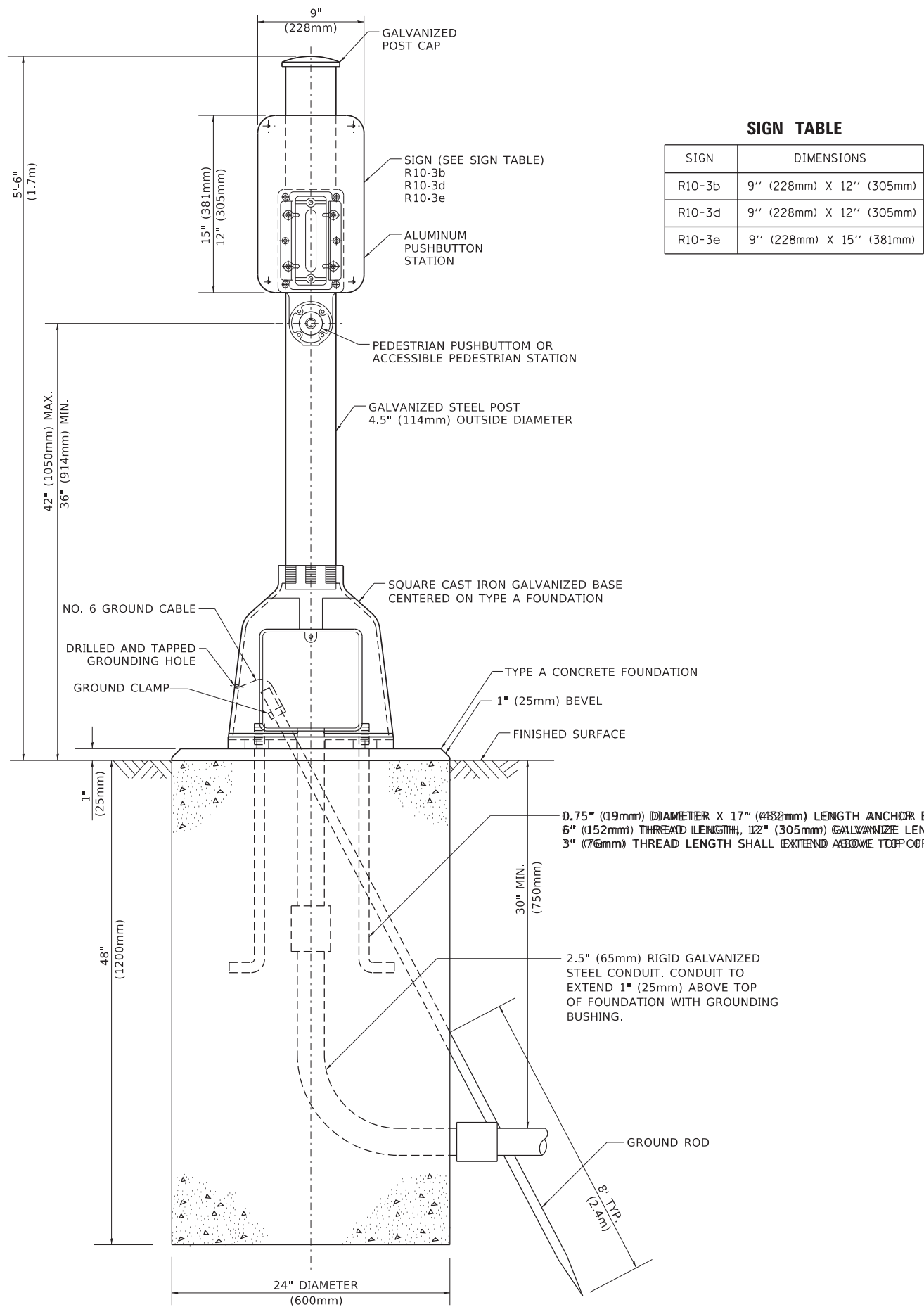
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PLOT DATE = 3/4/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

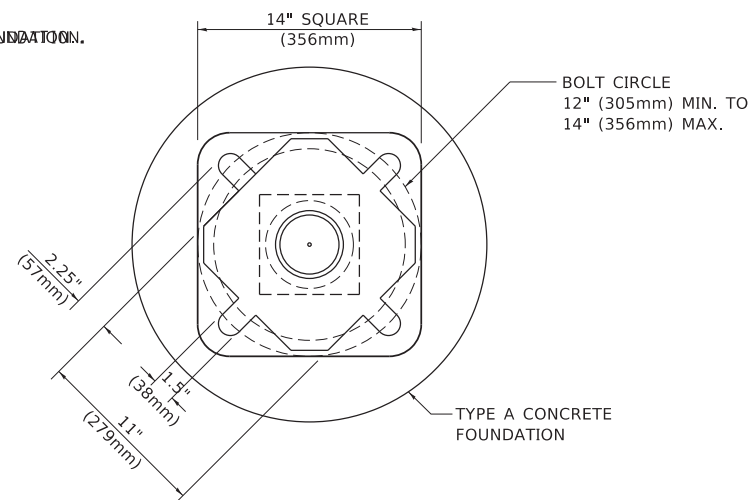
SCALE: NONE SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.P. RTE. 345	SECTION 3058A-N(14)	COUNTY COOK	TOTAL SHEETS 106	SHEET NO. 63
TS-05		CONTRACT NO. 60Y21		
ILLINOIS / FED. AID PROJECT				



SIGN TABLE

SIGN	DIMENSIONS
R10-3b	9" (228mm) X 12" (305mm)
R10-3d	9" (228mm) X 12" (305mm)
R10-3e	9" (228mm) X 15" (381mm)



BOLT PATTERN

PEDESTRIAN PUSH BUTTON POST, TYPE A

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

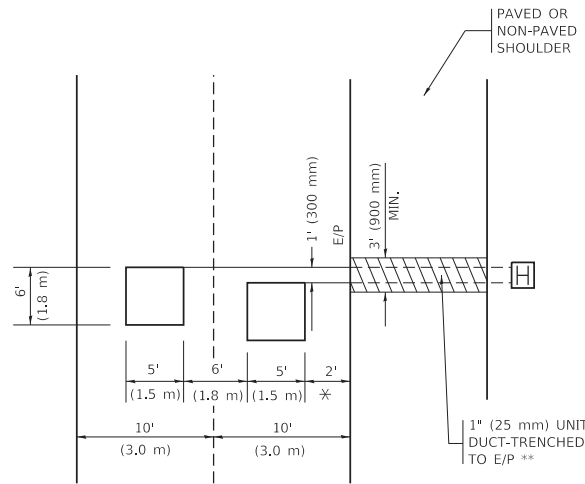
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	64
TS-05		CONTRACT NO. 60Y21		
ILLINOIS FED. AID PROJECT				

LOOPS NEXT TO SHOULDERS

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.

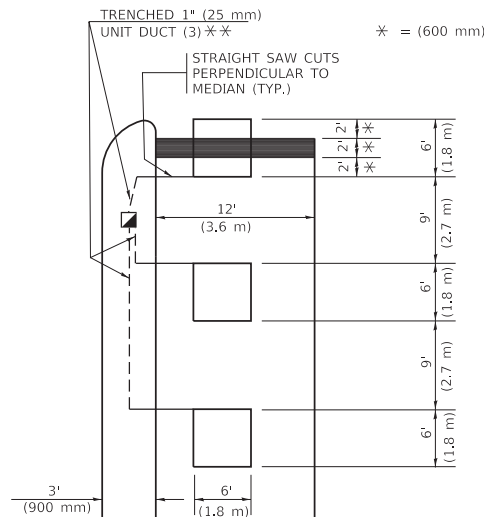


* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

LEFT TURN LANES WITH MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)

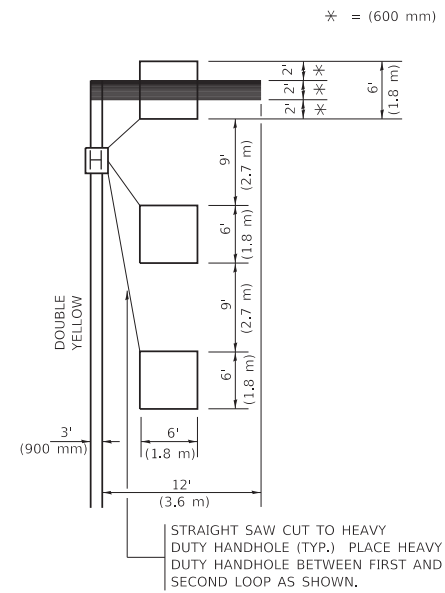
HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.



** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

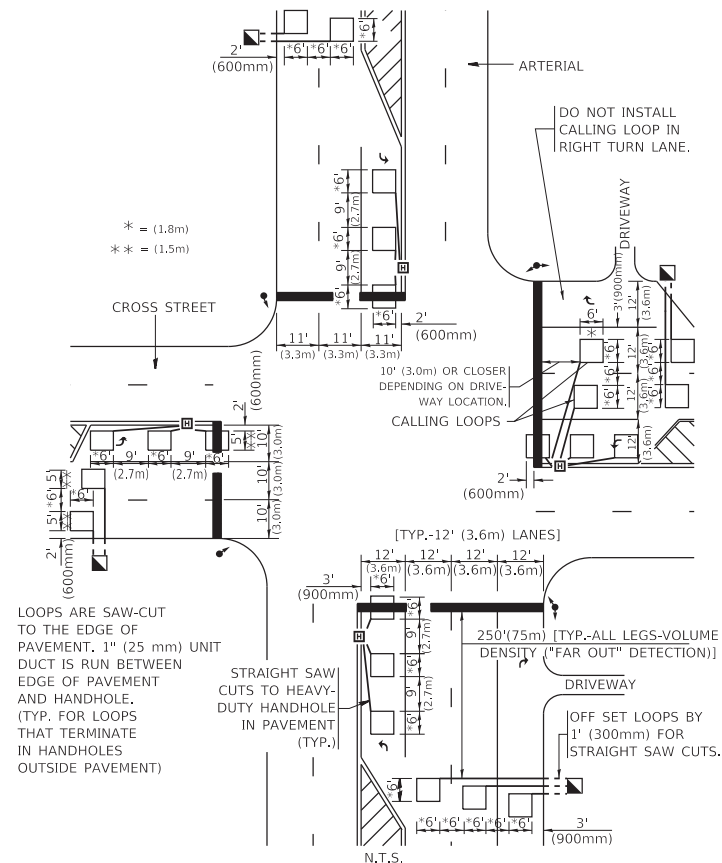
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)



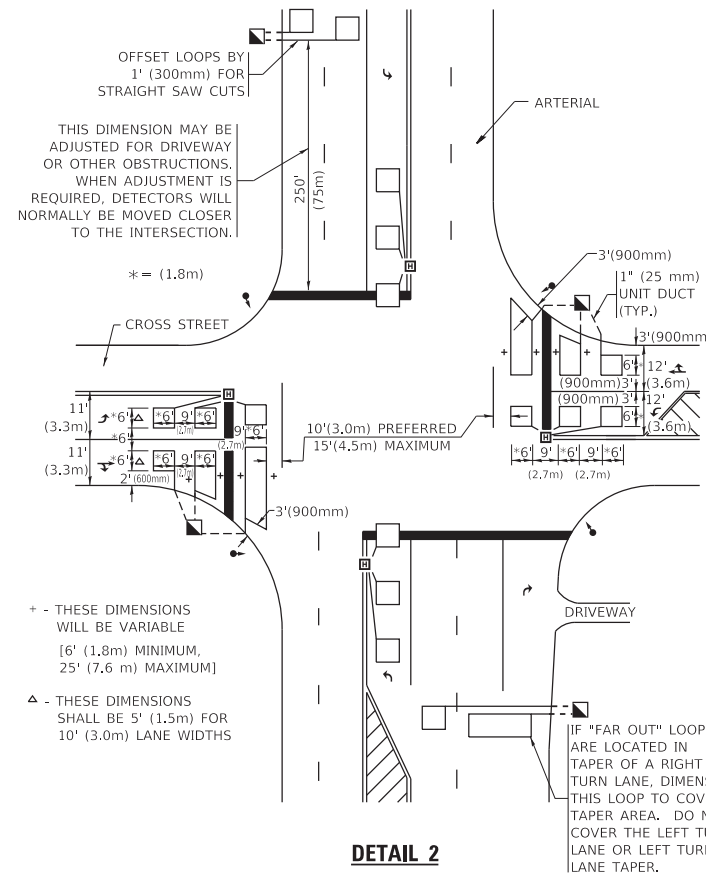
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("FAR OUT" DETECTION)



DETAIL 1
N.T.S.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)



DETAIL 2
N.T.S.

NOTES:

VEHICLES LOOP DETECTORS

- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATLY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- * ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- * EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- * WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- * WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

MODEL: D:\draft\... FILE: MAME2... PROJECTS\DISTRICT1\Office\District1\Projects\Dist1\5022-23\CADData\CAD\Sheet107.dgn

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1 - DETECTOR LOOP INSTALLATION		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DETAILS FOR ROADWAY RESURFACING		345	3058A-N(14)	COOK	106	65
SCALE: NONE		SHEET 1 OF 1 SHEETS		STA. TO STA.	CONTRACT NO. 60Y21	
				ILLINOIS FED. AID PROJECT		

REMOVAL NOTES

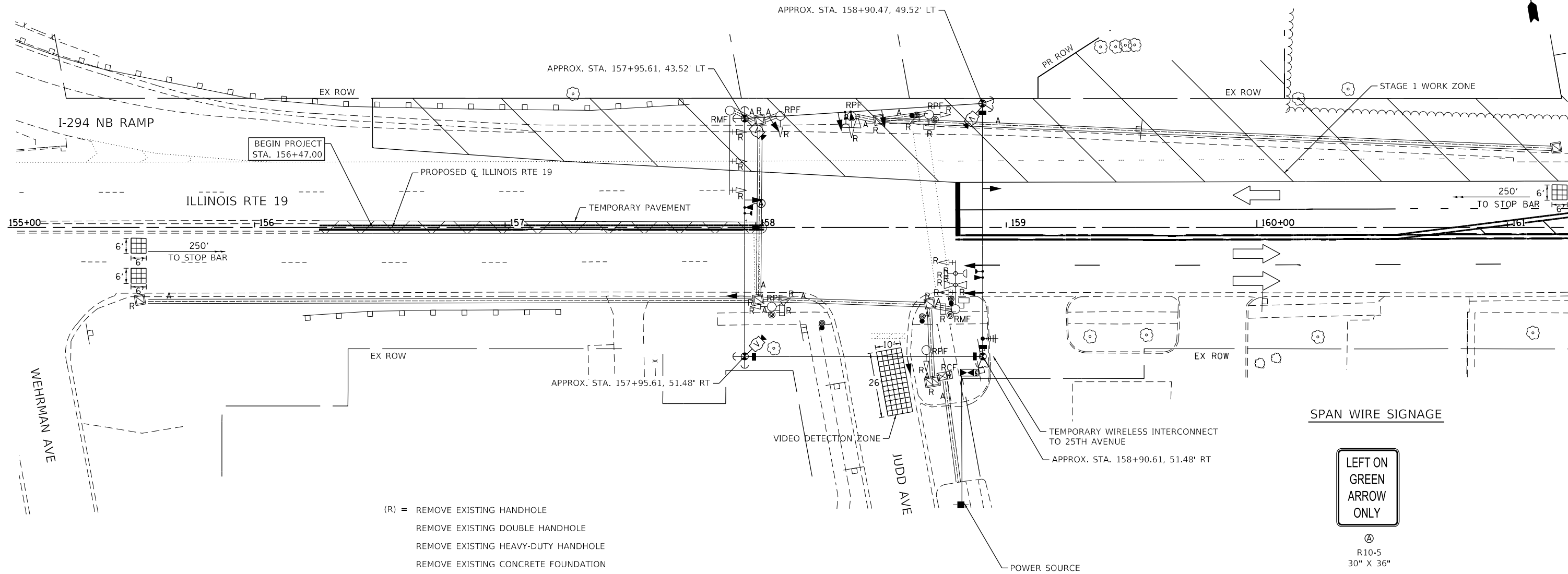
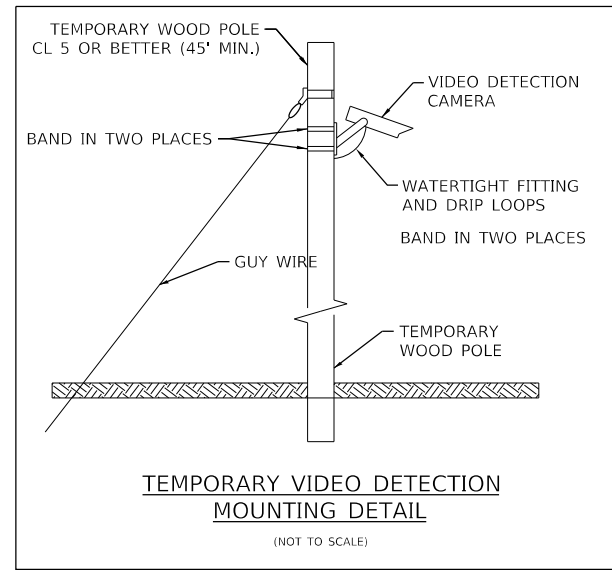
THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR PICK UP OF ALL EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

AGENCY: THE VILLAGE OF SCHILLER PARK

- 2 EACH LIGHT DETECTOR
- 1 EACH LIGHT DETECTOR AMPLIFIER
- 1 EACH PHASING UNIT

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THE CONTRACTOR 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 UNINTERRUPTABLE POWER SUPPLY (UPS)
- 1 EACH CONTROLLER AND CABINET (COMPLETE)
- 5 EACH TRAFFIC SIGNAL BACKPLATE
- 12 EACH SIGNAL HEAD, 1 FACE
- 2 EACH MAST ARM ASSEMBLY AND POLE
- 5 EACH TRAFFIC SIGNAL POST
- 1 EACH SERVICE INSTALLATION



- (R) = REMOVE EXISTING HANDHOLE
- REMOVE EXISTING DOUBLE HANDHOLE
- REMOVE EXISTING HEAVY-DUTY HANDHOLE
- REMOVE EXISTING CONCRETE FOUNDATION

NOTE:
THE REMOVAL OF HEAVY DUTY HANDHOLES SHALL BE PAID FOR AS "REMOVE EXISTING HANDHOLE"

TS SHT NO. 1 | Var: W02.7_IL_19ICADD_SheetsD160Y21-1sb-traffic_sfp-small_temp_installation_plan_1.dgn



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	DRAWN - WINSON TENG	REVISED -
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PLOT DATE = 6/22/2020	DATE - 06/05/2020	REVISED -

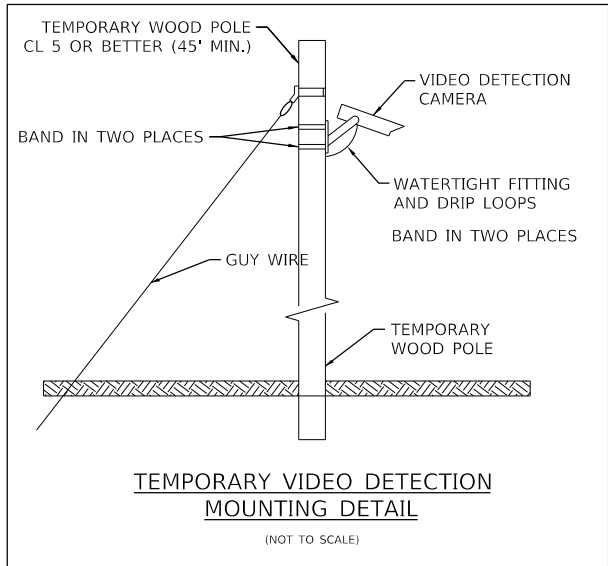
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 19 AT JUDD AVENUE
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN - PRESTAGE /STAGE 1**

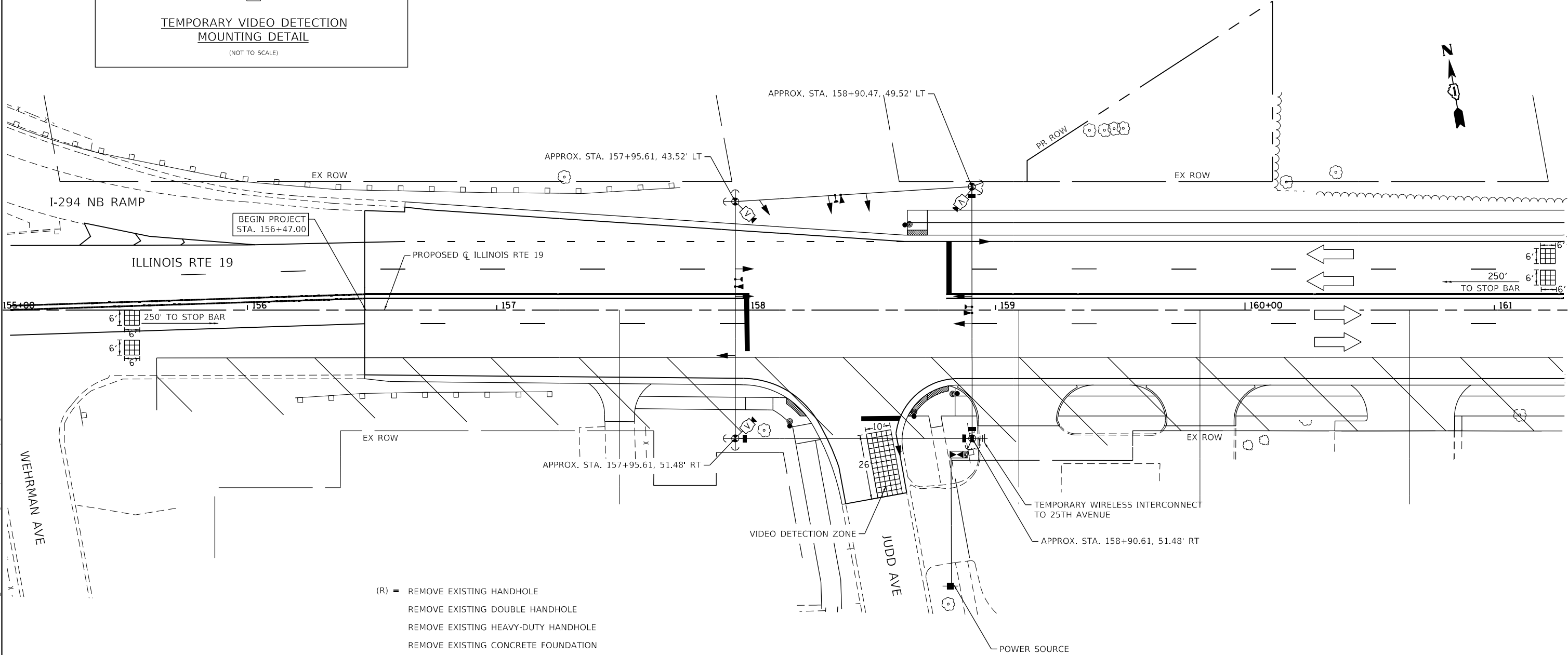
SCALE: 1" = 20' SHEET 1 OF 13 SHEETS STA. TO STA.

F.A.P. RTE. 345	SECTION 3058A-N(14)	COUNTY COOK	TOTAL SHEETS 106	SHEET NO. 66
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y21	

**TS 1953
EAGLE 2K**



THE PROPOSED TRAFFIC SIGNAL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.



- (R) = REMOVE EXISTING HANDHOLE
- REMOVE EXISTING DOUBLE HANDHOLE
- REMOVE EXISTING HEAVY-DUTY HANDHOLE
- REMOVE EXISTING CONCRETE FOUNDATION

NOTE:
THE REMOVAL OF HEAVY DUTY HANDHOLES SHALL BE PAID FOR AS "REMOVE EXISTING HANDHOLE"

TS SHT NO. 2



USER NAME = Winson	DESIGNED - WINSON TENG	REVISED -
DRAWN - WINSON TENG	REVISIONS -	
PLOT SCALE = 40,0000 "/>		

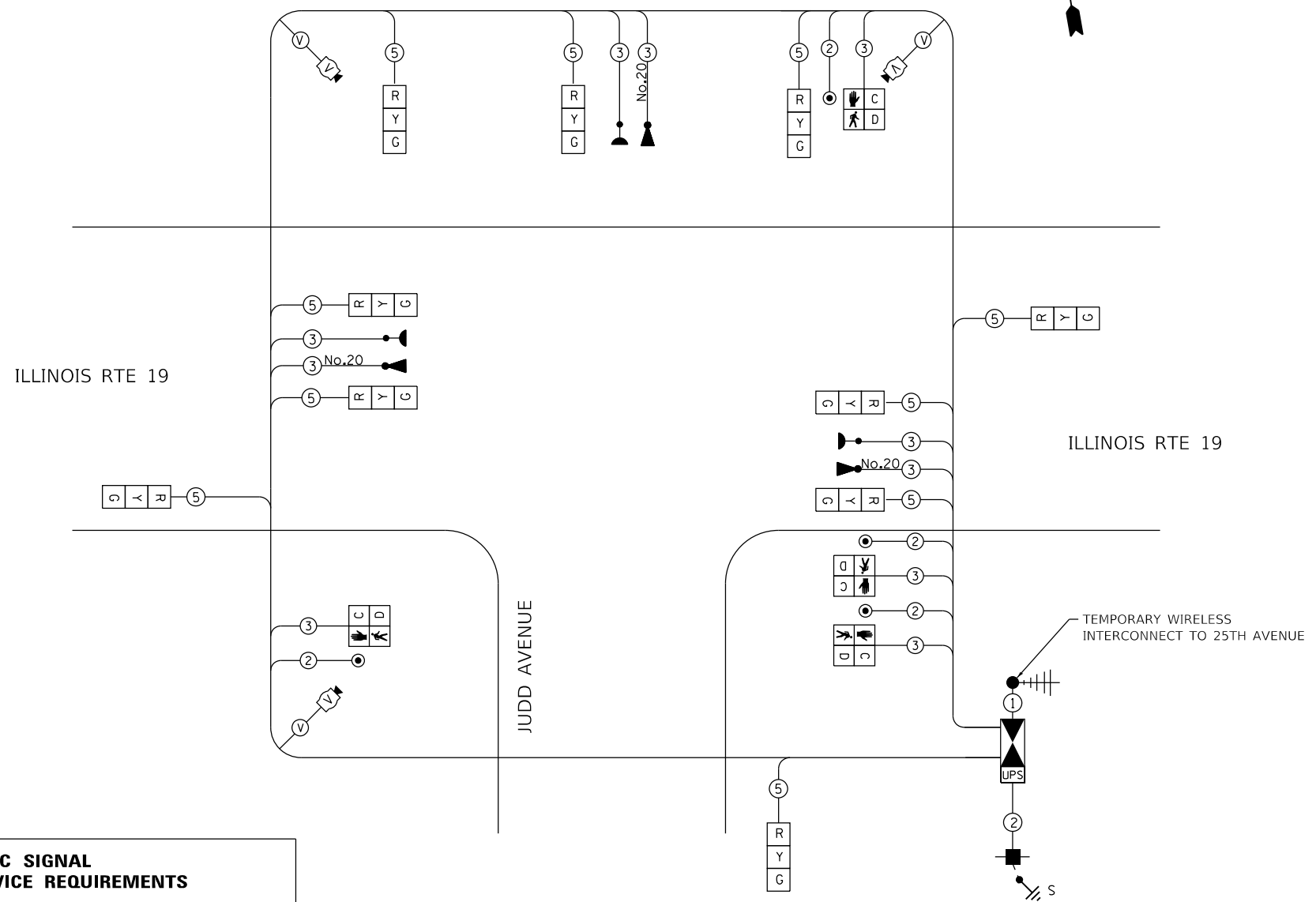
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 19 AT JUDD AVENUE
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN - STAGE 2**

SCALE: 1" = 20' SHEET 2 OF 13 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	67
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				

**TS 1953
EAGLE 2K**



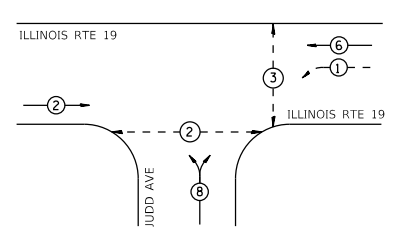
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	9	11	50	49.5
(YELLOW)	9	20	5	9.0
(GREEN)	9	12	45	48.6
PERMISSIVE ARROW	3	10	10	3.0
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
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
			TOTAL =	465.1

ENERGY COST TO:
 THE VILLAGE OF SCHILLER PARK
 9526 WEST IRVING PARK ROAD
 SCHILLER PARK, ILLINOIS 60176

ENERGY SUPPLY: CONTACT: MR. JOE STACHO
 PHONE: (630) 424-5704
 COMPANY: COMMONWEALTH EDISON
 ACCOUNT NUMBER: - - -

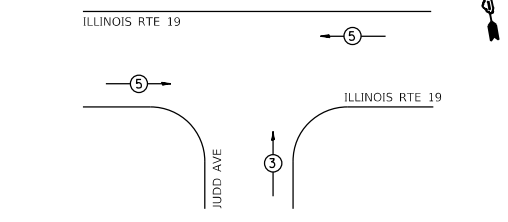
CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM - STAGE 1

- LEGEND:**
- — PROTECTED PHASE
 - — PROTECTED / PERMITTED PHASE
 - — PEDESTRIAN PHASE
 - — NUMBER REFERS TO ASSOCIATED PHASE

EMERGENCY VEHICLE PREEMPTION SEQUENCE - STAGE 1



EMERGENCY VEHICLE PREEMPTION SEQUENCE - STAGE 1

TS SHT NO. 3



USER NAME = Winson	DESIGNED - WINSON TENG	REVISED -
PLOT SCALE = 40,0000 ' / in.	DRAWN - WINSON TENG	REVISED -
PLOT DATE = 6/22/2020	CHECKED - MATTHEW CESARIO	REVISED -
	DATE - 06/05/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

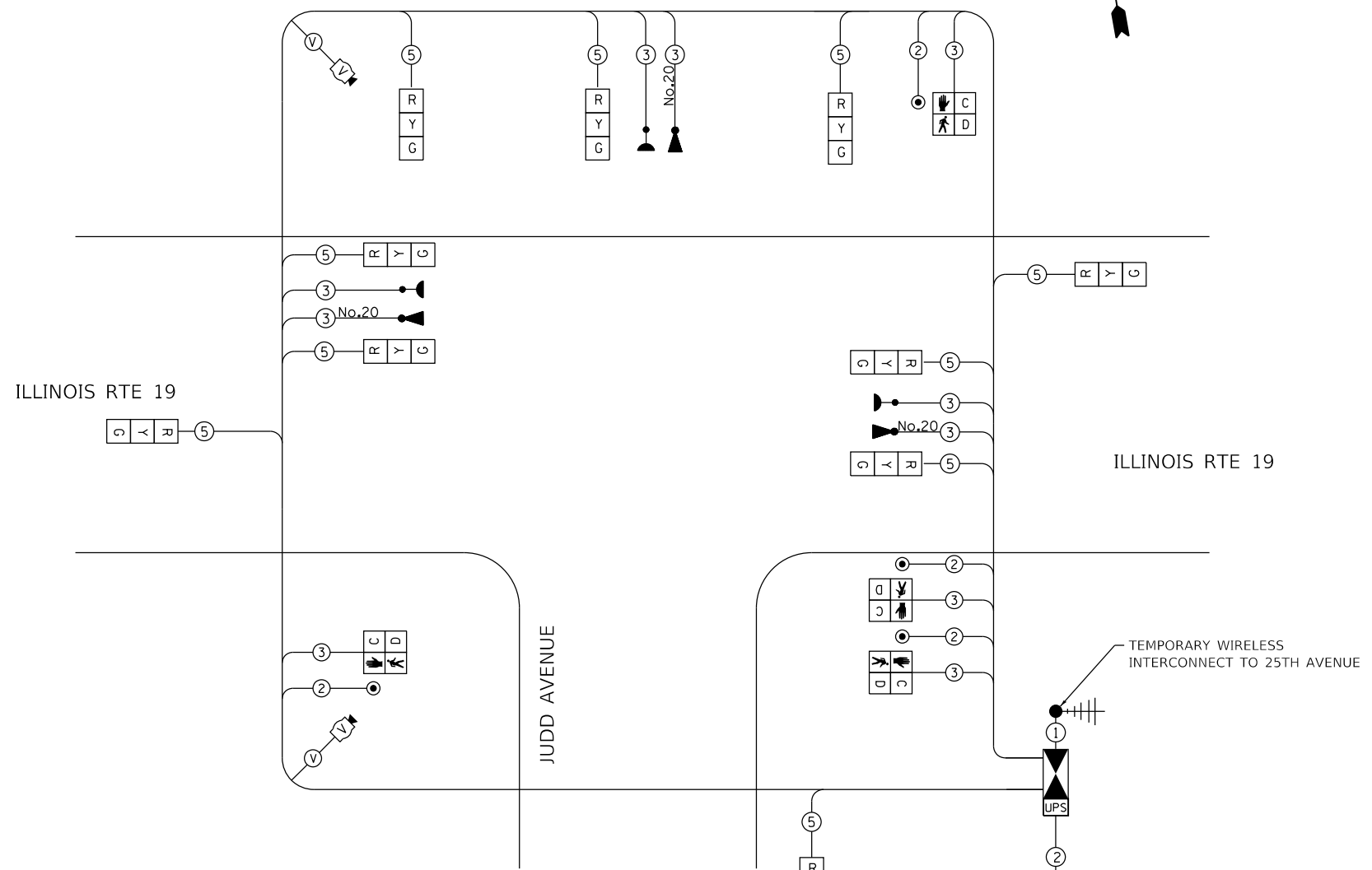
**IL RTE 19 AT JUDD AVENUE
 TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM
 AND EMERGENCY VEHICLE PREEMPTION SEQUENCE - PRESTAGE /STAGE 1**

SCALE: 1" = 20' SHEET 3 OF 13 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	68
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y21	

**TS 1953
 EAGLE 2K**

TS SHIT NO. 4
 \bar_w03.7_IL_19\CADD_Sheets\160Y21-1ch-traffic-efinal-temp_cable_plan_stage_2.dgn



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

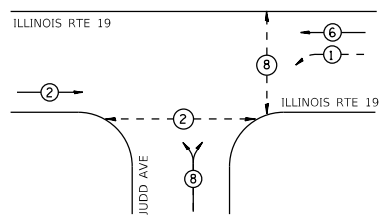
TYPE	NO. LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	9	11	50	49.5
(YELLOW)	9	20	5	9.0
(GREEN)	9	12	45	48.6
PERMISSIVE ARROW	3	10	10	3.0
PED. SIGNAL	4	20	100	80.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
			TOTAL =	465.1

ENERGY COST TO:

THE VILLAGE OF SCHILLER PARK
 9526 WEST IRVING PARK ROAD
 SCHILLER PARK, ILLINOIS 60176

ENERGY SUPPLY: CONTACT: MR. JOE STACHO
 PHONE: (630) 424-5704
 COMPANY: COMMONWEALTH EDISON
 ACCOUNT NUMBER: - - -

CONTROLLER SEQUENCE

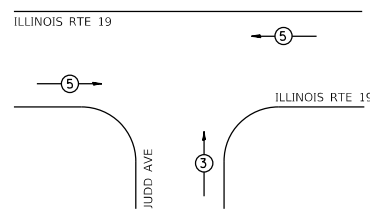


PHASE DESIGNATION DIAGRAM - STAGE 2

LEGEND:

- ⊖ PROTECTED PHASE
- ⊕ PROTECTED / PERMITTED PHASE
- ⊙ PEDESTRIAN PHASE
- NUMBER REFERS TO ASSOCIATED PHASE

EMERGENCY VEHICLE PREEMPTION SEQUENCE - STAGE 2



USER NAME = Winson	DESIGNED - WINSON TENG	REVISED -
PLOT SCALE = 40,0000 ' / in.	DRAWN - WINSON TENG	REVISED -
PLOT DATE = 6/22/2020	CHECKED - MATTHEW CESARIO	REVISED -
	DATE - 06/05/2020	REVISED -

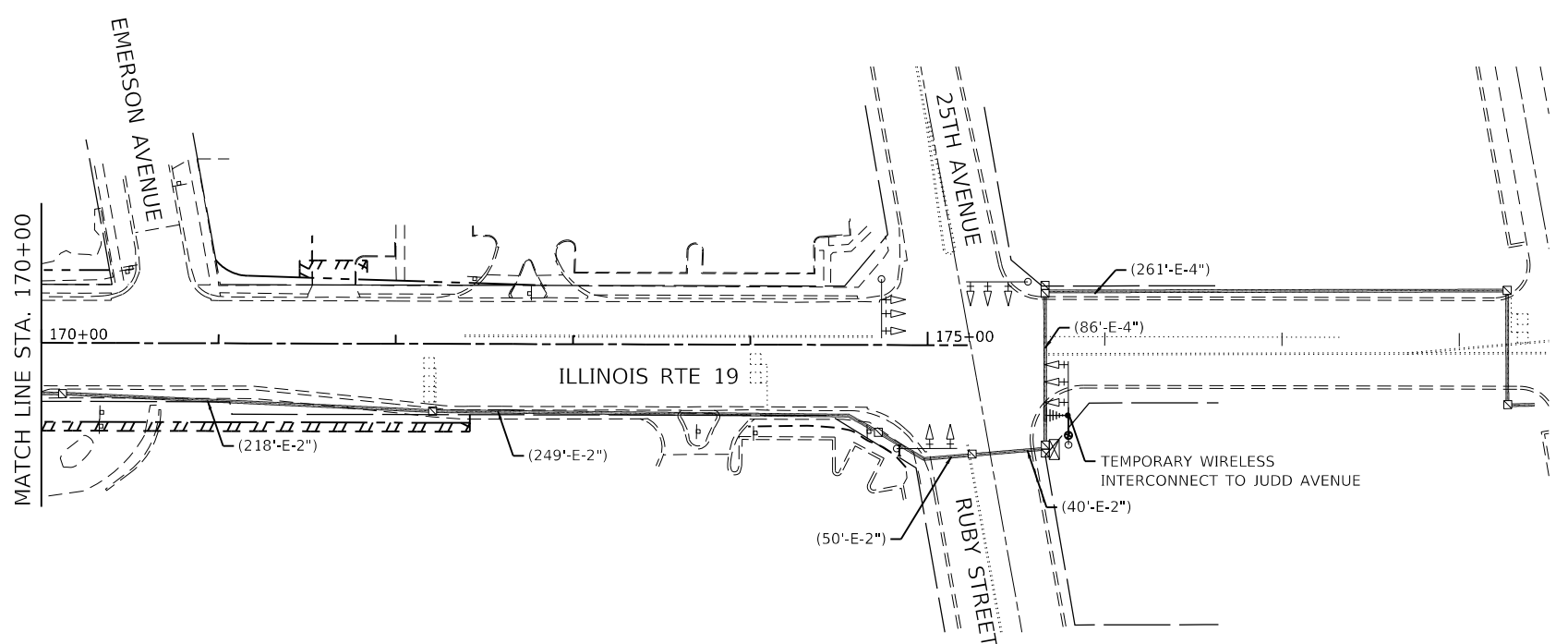
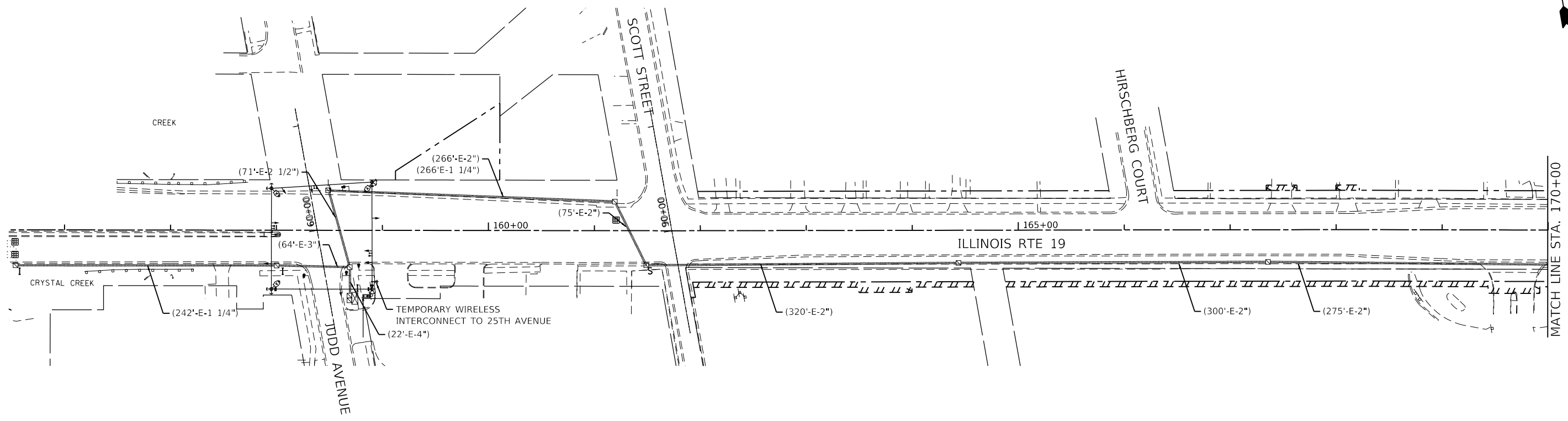
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL RTE 19 AT JUDD AVENUE
 TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM
 AND EMERGENCY VEHICLE PREEMPTION SEQUENCE - STAGE 2**

SCALE: 1" = 20' SHEET 4 OF 13 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	69
			CONTRACT NO. 60Y21	
		ILLINOIS FED. AID PROJECT		

**TS 1953
 EAGLE 2K**



NOTE: *REMOVE ELECTRIC CABLE IN CONDUIT* FROM CABINET AT JUDD AVENUE TO THE CABINET AT 25TH AVENUE. THIS INCLUDES THE SECTION OF CABLE FROM HANDHOLE AT STATION 155+55 RT HANDHOLE AT STATION 172+20 RT.

TS SHIT NO. 5 _bar_w02_7_IL_19ICADD_SheetsD160Y21-1ch-traffic_dsmall_temp_interconnect01.dgn



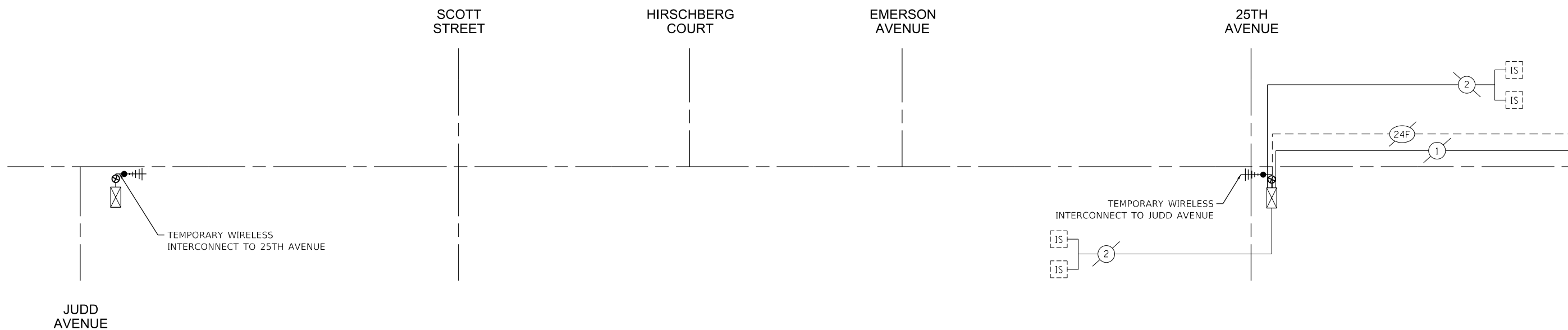
USER NAME = Winson	DESIGNED - WINSON TENG	REVISED -
DRAWN - WINSON TENG	REVISED -	
PLOT SCALE = 100,0000' / in.	CHECKED - MATTHEW CESARIO	REVISED -
PLOT DATE = 6/22/2020	DATE - 06/05/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL RTE 19 AT JUDD AVENUE TEMPORARY INTERCONNECT PLAN			
SCALE: 1" = 50'	SHEET 5	OF 13 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	70
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				

EAGLE 2K



TS SHT NO. 6

I:\PROJECTS\60Y21-14-CH-TRAFFIC-SP\small temp_schematic1.dgn



USER NAME = Winson	DESIGNED - WINSON TENG	REVISED -
	DRAWN - WINSON TENG	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED - MATTHEW CESARIO	REVISED -
PLOT DATE = 6/22/2020	DATE - 06/05/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

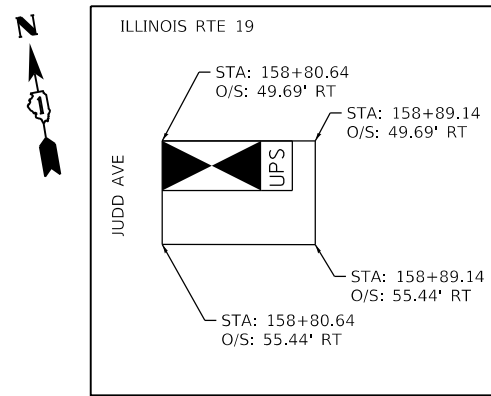
**IL RTE 19 AT JUDD AVENUE
TEMPORARY INTERCONNECT SCHEMATIC**

SCALE: N.T.S. SHEET 6 OF 13 SHEETS STA. TO STA.

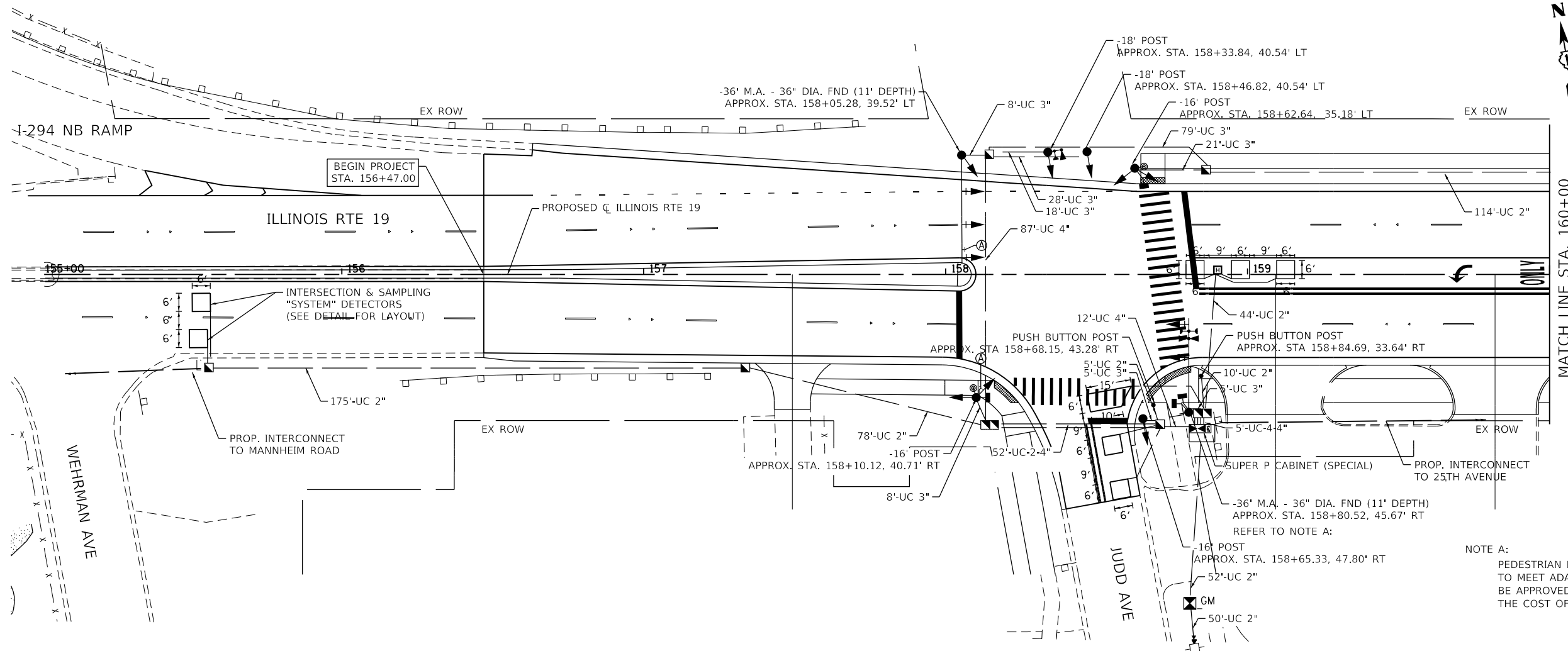
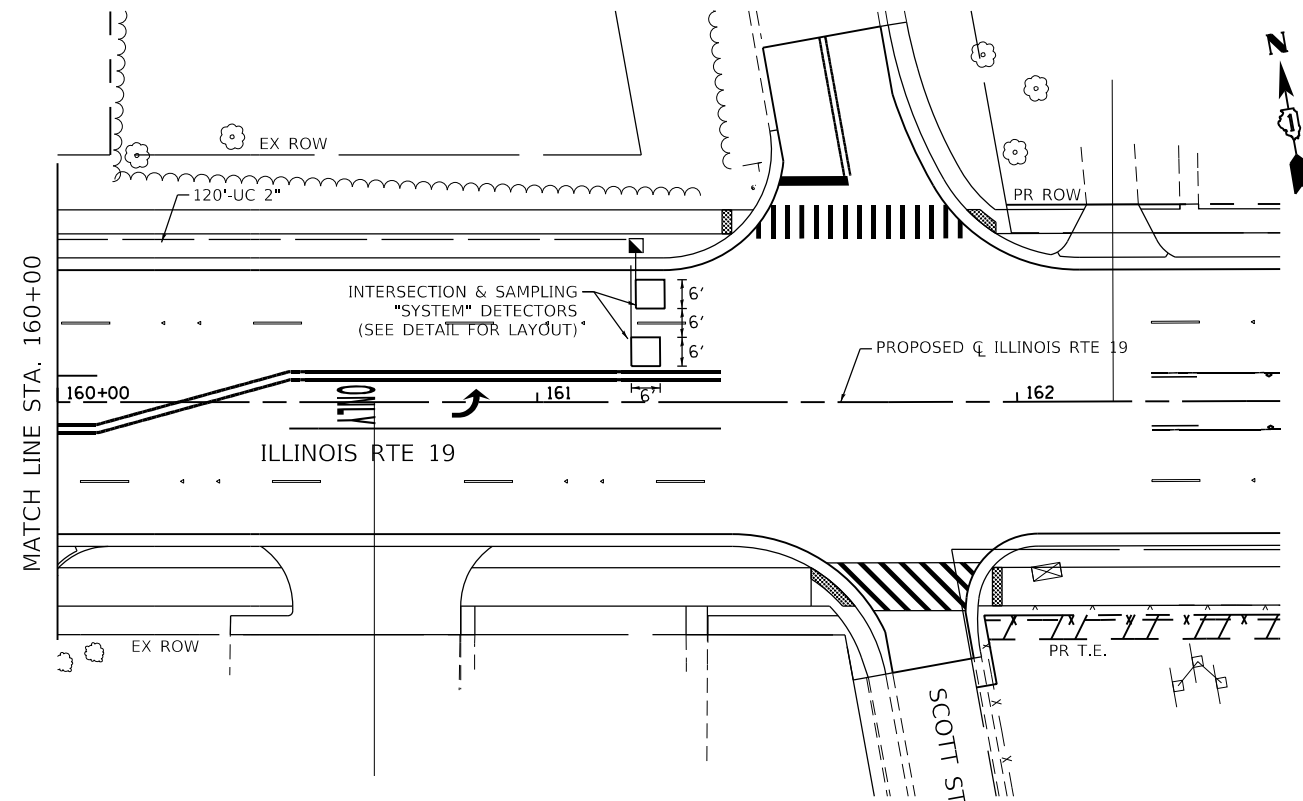
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	71
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y21	

EAGLE 2K

TRAFFIC SIGNAL CABINET FOUNDATION LAYOUT



THE PROPOSED TRAFFIC SIGNAL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.



MAST ARM SIGNAGE (SIGN PANEL - TYPE 1)



R10-5
30" X 36"

NOTE A:
PEDESTRIAN PUSH BUTTON EXTENSIONS ARE NECESSARY TO MEET ADA OFFSET REQUIREMENTS. EXTENSIONS MUST BE APPROVED BY THE ENGINEER AND ARE INCLUDED IN THE COST OF THE PEDESTRIAN PUSHBUTTON PAY ITEM.

TS SHT NO. 7



USER NAME = Winson	DESIGNED - WINSON TENG	REVISED -
PLOT SCALE = 40,0000' / in.	DRAWN - WINSON TENG	REVISED -
PLOT DATE = 6/22/2020	CHECKED - MATTHEW CESARIO	REVISED -
	DATE - 06/05/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 19 AT JUDD AVENUE
TRAFFIC SIGNAL INSTALLATION PLAN

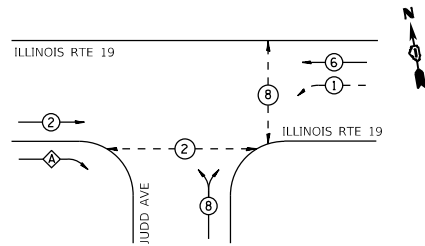
SCALE: 1" = 20' SHEET 7 OF 13 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	72
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				

TS 1953
EAGLE 2K



PROPOSED CONTROLLER SEQUENCE

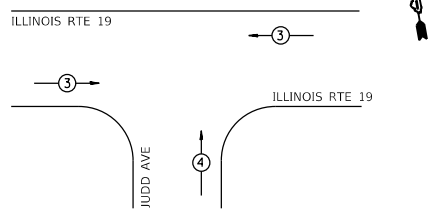


LEGEND

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OVERLAP

RIGHT TURN OVERLAP PHASE DESIGNATION

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED INTERSECTION AND SAMPLING "SYSTEM" DETECTORS

PROPOSED INTERSECTION AND SAMPLING "SYSTEM" DETECTORS

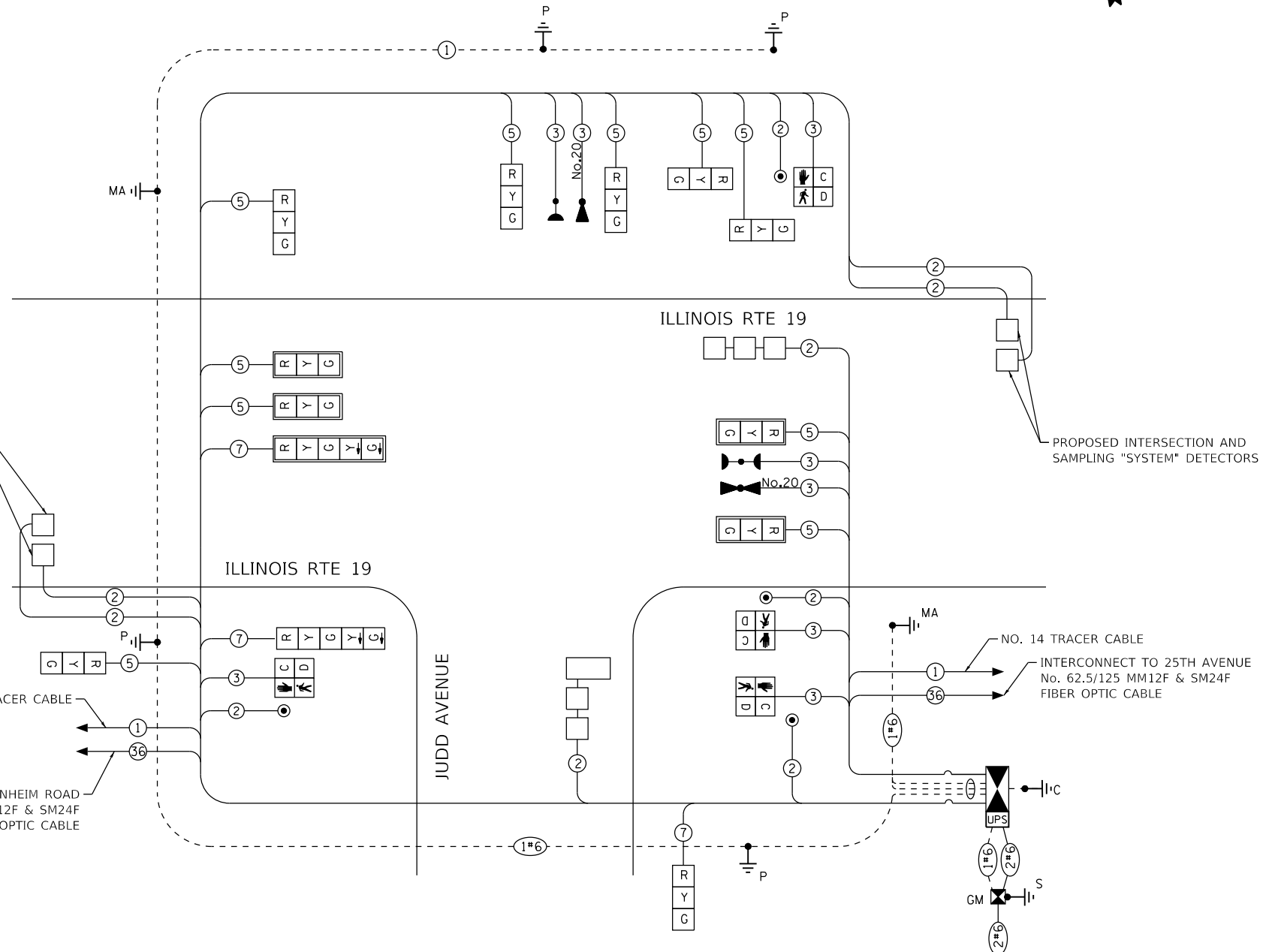
NO. 14 TRACER CABLE

INTERCONNECT TO MANNHEIM ROAD
No. 62.5/125 MM12F & SM24F
FIBER OPTIC CABLE

NO. 14 TRACER CABLE
INTERCONNECT TO 25TH AVENUE
No. 62.5/125 MM12F & SM24F
FIBER OPTIC CABLE

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE	NO. 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
PED. SIGNAL	4	20	100	80.0
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	-	-	-	-
ENERGY COST TO:			TOTAL =	363.7
THE VILLAGE OF SCHILLER PARK 9526 WEST IRVING PARK ROAD SCHILLER PARK, ILLINOIS 60176				
ENERGY SUPPLY: CONTACT: MR. JOE STACHO PHONE: (630) 424-5704 COMPANY: COMMONWEALTH EDISON ACCOUNT NUMBER: - - -				

THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CABINET



TS SHT NO. 8



USER NAME = Winson	DESIGNED - WINSON TENG	REVISED -
PLOT SCALE = 40,0000 ' / in.	DRAWN - WINSON TENG	REVISED -
PLOT DATE = 6/22/2020	CHECKED - MATTHEW CESARIO	REVISED -
	DATE - 06/05/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

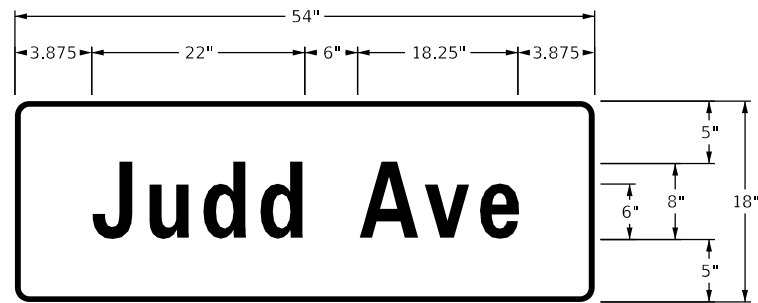
**IL RTE 19 AT JUDD AVENUE
CABLE PLAN, PHASE DESIGNATION DIAGRAM
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE**

SCALE: 1" = 20' SHEET 8 OF 13 SHEETS STA. TO STA.

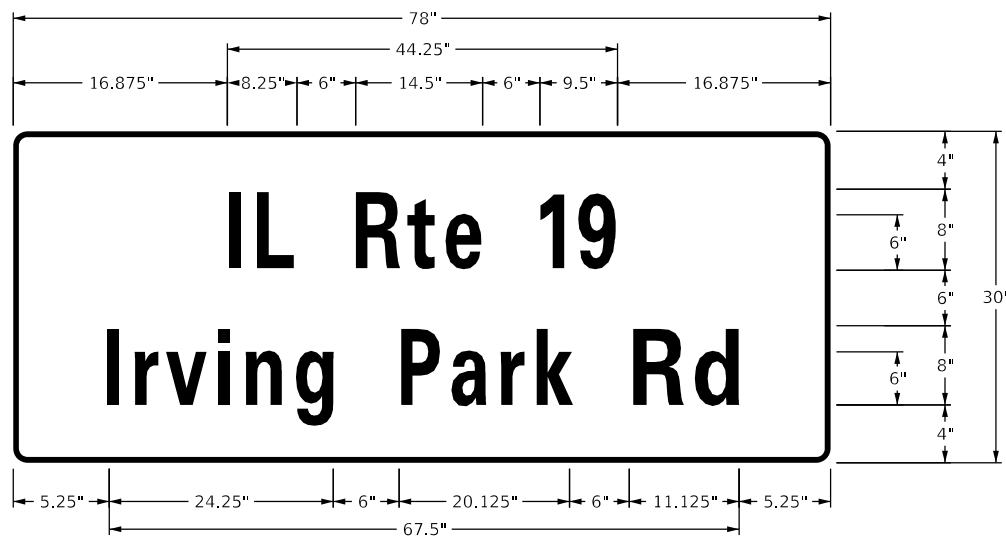
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	73
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				

**TS 1953
EAGLE 2K**

SIGN PANEL – TYPE 1 OR TYPE 2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED	NO.: SIDES
D	6.75	1	ZZ	2	1



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED	NO.: SIDES
D	16.25	2	ZZ	2	1

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

SCHEDULE OF QUANTITIES

ITEM	UNIT	QNTY.
SIGN PANEL - TYPE 1	SQ FT	13.5
SIGN PANEL - TYPE 2	SQ FT	32.5
SERVICE INSTALLATION - GROUND MOUNTED, METERED	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	648
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	172
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	171
HANDHOLE	EACH	6
HEAVY-DUTY HANDHOLE	EACH	1
DOUBLE HANDHOLE	EACH	2
TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2381
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1313
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1626
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	383
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1891
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	69
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	3585
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3
TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	2
PEDESTRAIN PUSH BUTTON POST TYPE A	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	2
CONCRETE FOUNDATION, TYPE A	FOOT	36
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	22
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	7
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
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
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	5
INDUCTIVE LOOP DETECTOR	EACH	6
DETECTOR LOOP, TYPE I	FOOT	201
* LIGHT DETECTOR	EACH	2
* LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	4
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	6
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	8
* EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	288
FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
TEMPORARY TRAFFIC SIGNA TIMING	EACH	2

* 100% COST TO THE VILLAGE OF SCHILLER PARK

TS SHT NO. 9 - for W02.7 IL 19ICADD_SheetsD160271-1ch-traffic_sfinal_street_name sign and 500.dgn

TS 1953
EAGLE 2K



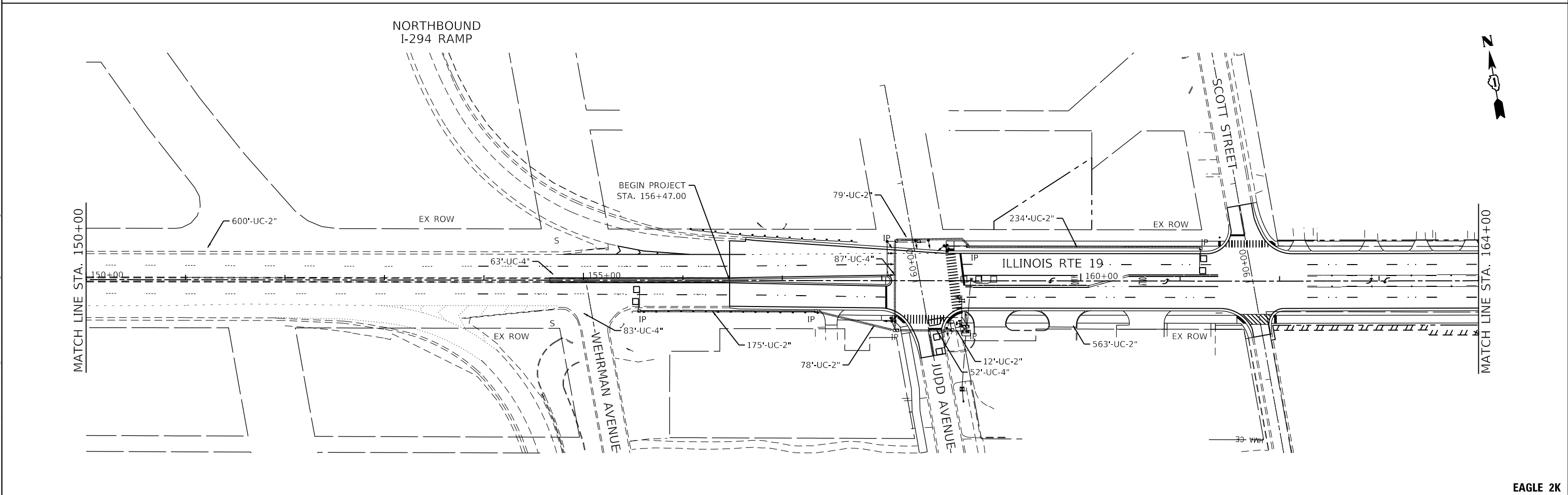
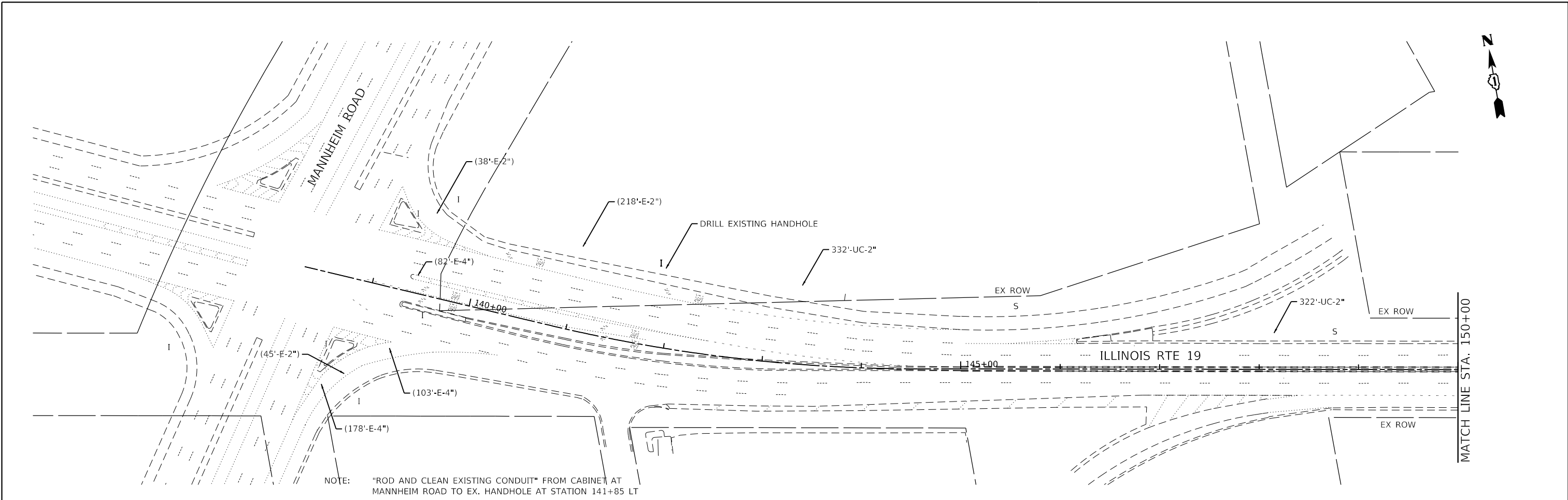
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	DRAWN - WINSON TENG	REVISED -
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PLOT DATE = 6/24/2020	DATE - 06/05/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 19 AT JUDD AVENUE
MAST ARM MOUNTED STREET NAME SIGNS
AND SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET 9 OF 13 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	74
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				



TS SHIT NO. 10



USER NAME = Winson	DESIGNED - WINSON TENG	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - WINSON TENG	REVISED -
PLOT DATE = 6/22/2020	CHECKED - MATTHEW CESARIO	REVISED -
	DATE - 06/05/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

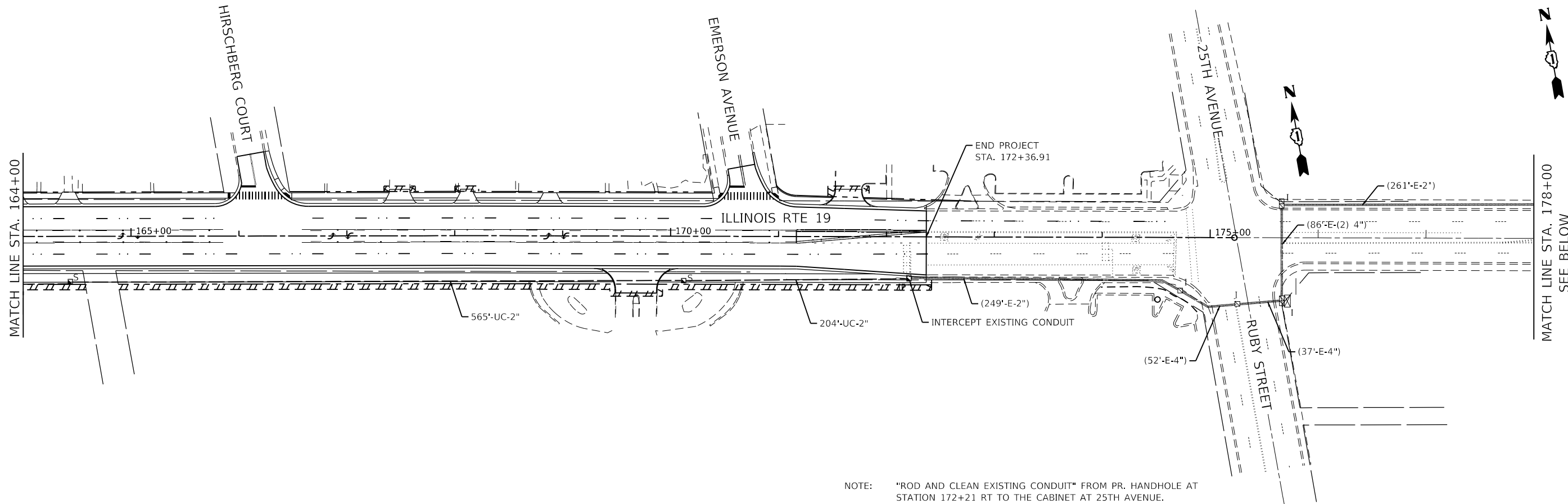
**PROPOSED INTERCONNECT PLAN (1 OF 3)
IL RTE 19 FROM
JUDD AVENUE TO DES PLAINES RIVER ROAD**

SCALE: 1" = 50' SHEET 10 OF 13 SHEETS STA. TO STA.

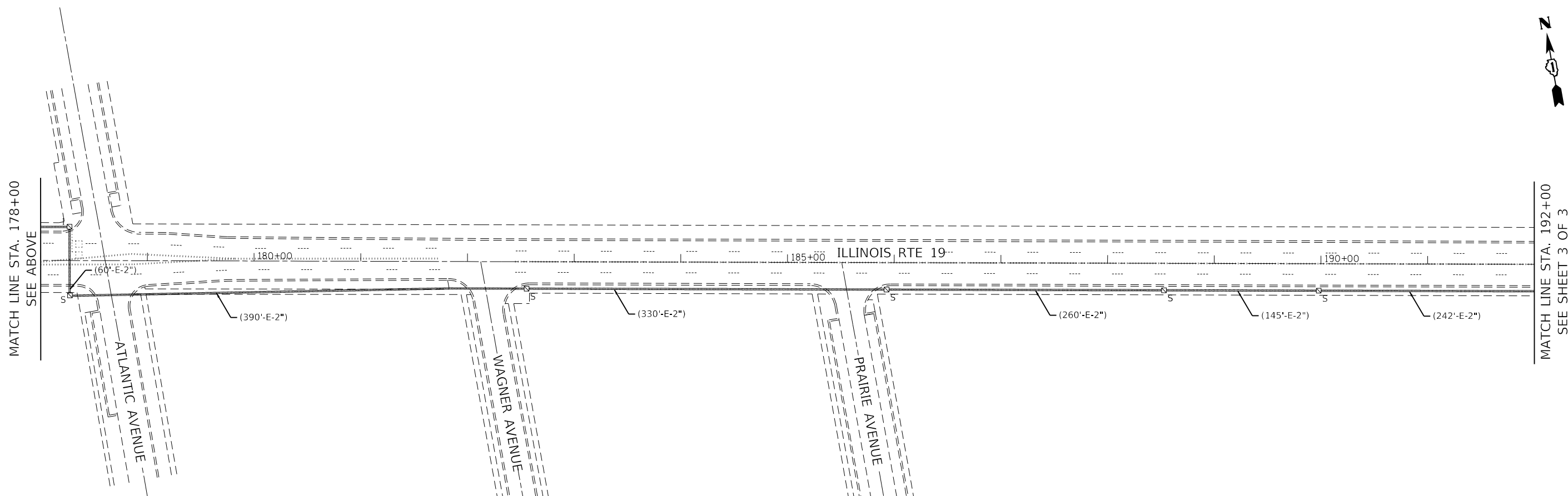
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	75
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				

EAGLE 2K

TS SHT NO. 11 ar: W02.7 IL_19\CADD_Sheets\160Y21-Sub-Traffic-Interconnect.dgn



NOTE: "ROD AND CLEAN EXISTING CONDUIT" FROM PR. HANDHOLE AT STATION 172+21 RT TO THE CABINET AT 25TH AVENUE.



USER NAME = Winson
 PLOT SCALE = 100,0000' / in.
 PLOT DATE = 6/22/2020

DESIGNED - WINSON TENG
 DRAWN - WINSON TENG
 CHECKED - MATTHEW CESARIO
 DATE - 06/05/2020

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

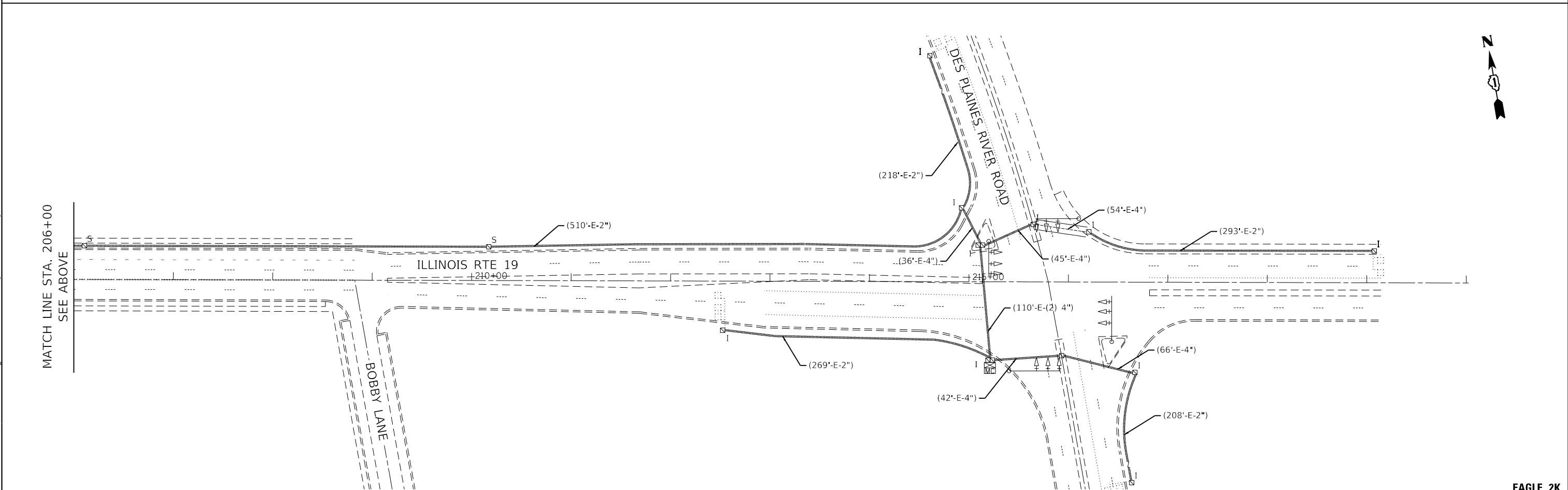
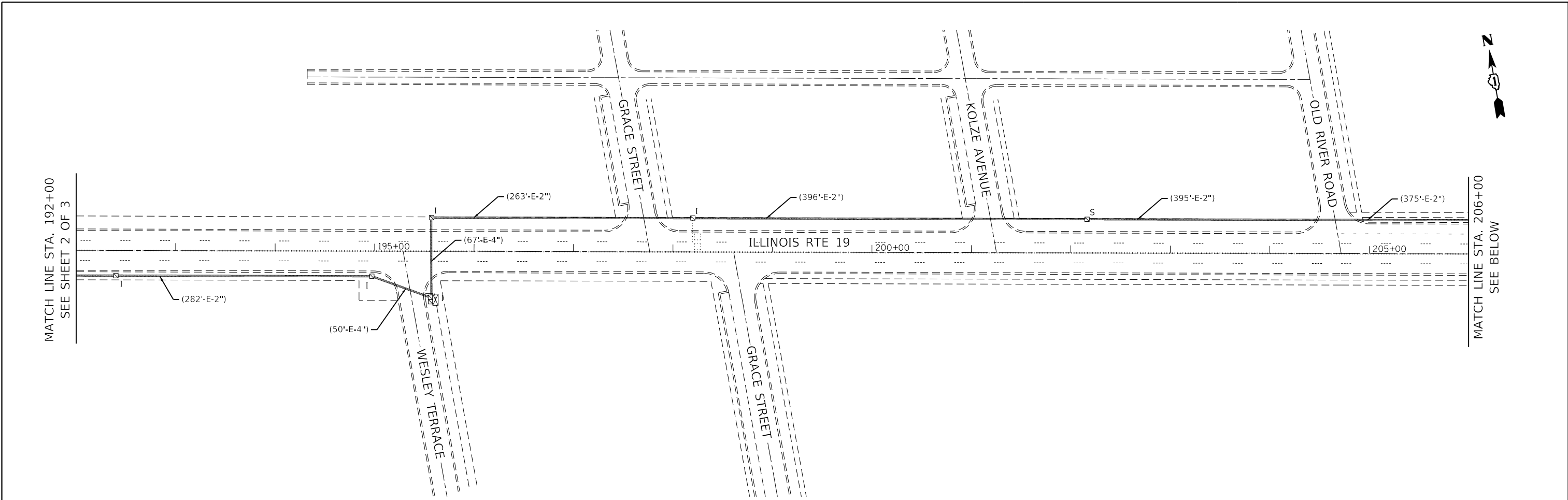
PROPOSED INTERCONNECT PLAN (2 OF 3)
 IL RTE 19 FROM
 JUDD AVENUE TO DES PLAINES RIVER ROAD

SCALE: 1" = 50' SHEET 11 OF 13 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	76
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				

EAGLE 2K

TS SHT NO. 12 ar v02.7 IL 19ICADD_Sheets\03\60Y21-12b-traffic_sfp\small_interconnect03.dgn



USER NAME = Winson	DESIGNED - WINSON TENG	REVISED -
DRAWN - WINSON TENG	REVISIONS -	
PLOT SCALE = 100,0000' / in.	CHECKED - MATTHEW CESARIO	REVISED -
PLOT DATE = 6/22/2020	DATE - 06/05/2020	REVISED -

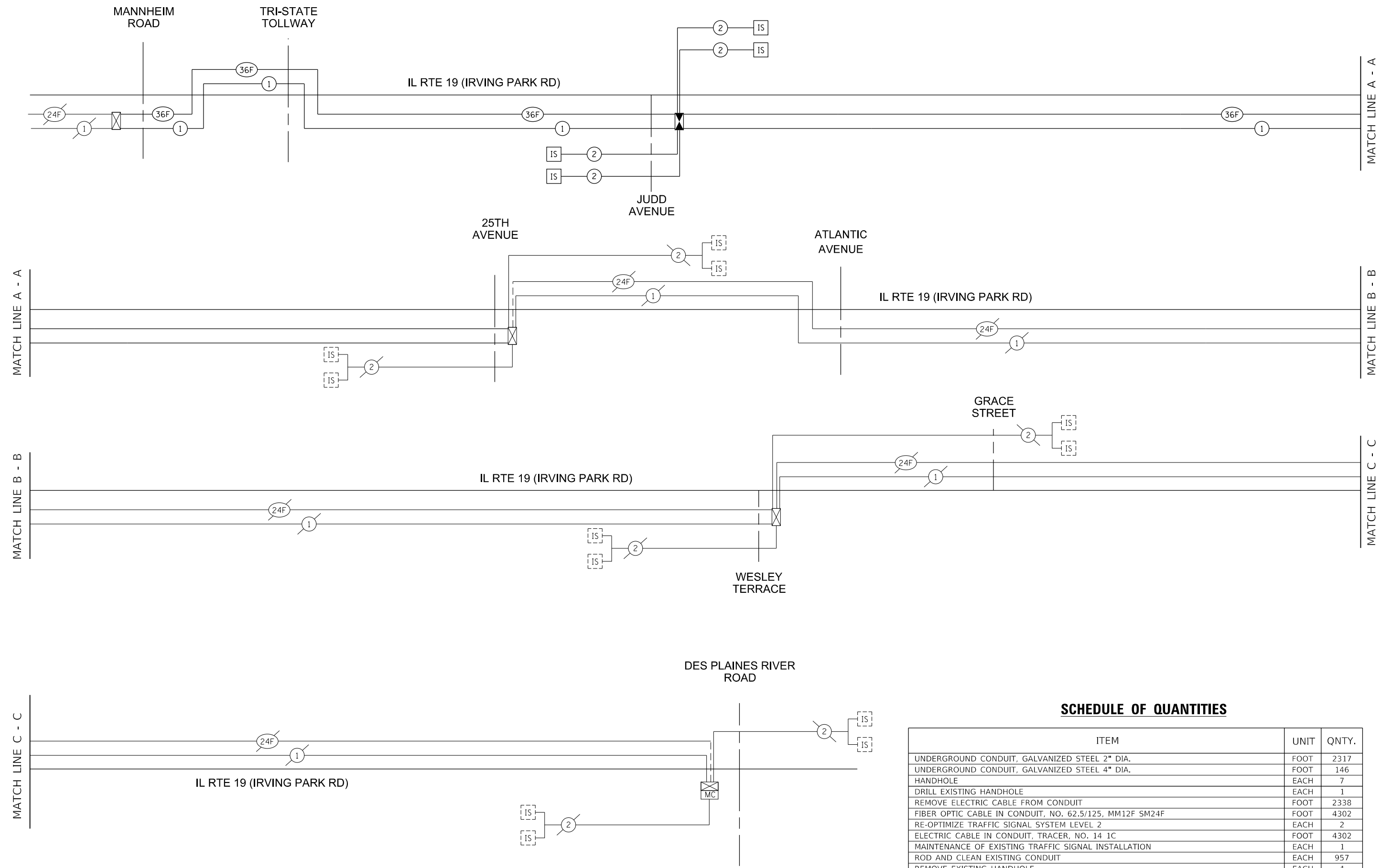
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED INTERCONNECT PLAN (3 OF 3)
IL RTE 19 FROM
JUDD AVENUE TO DES PLAINES RIVER ROAD**

SCALE: 1" = 50' SHEET 12 OF 13 SHEETS STA. TO STA.

F.A.P. RTE. 345	SECTION 3058A-N(14)	COUNTY COOK	TOTAL SHEETS 106	SHEET NO. 77
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				

EAGLE 2K



SCHEDULE OF QUANTITIES

ITEM	UNIT	QNTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL 2" DIA.	FOOT	2317
UNDERGROUND CONDUIT, GALVANIZED STEEL 4" DIA.	FOOT	146
HANDHOLE	EACH	7
DRILL EXISTING HANDHOLE	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2338
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	4302
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	2
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	4302
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ROD AND CLEAN EXISTING CONDUIT	EACH	957
REMOVE EXISTING HANDHOLE	EACH	4

TS SHT NO. 13



USER NAME = Winson	DESIGNED - WINSON TENG	REVISED -
PLOT SCALE = 40,0000 ' / in.	DRAWN - WINSON TENG	REVISED -
PLOT DATE = 6/22/2020	CHECKED - MATTHEW CESARIO	REVISED -
	DATE - 06/05/2020	REVISED -

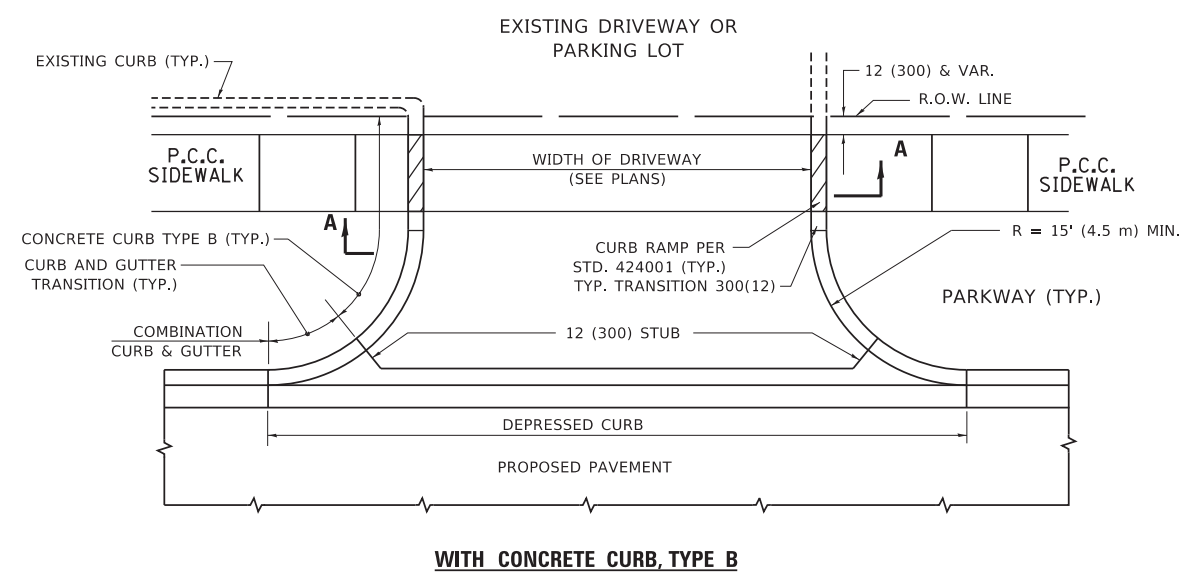
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 19 FROM JUDD AVENUE TO DES PLAINES RIVER ROAD
PROPOSED INTERCONNECT SCHEMATIC**

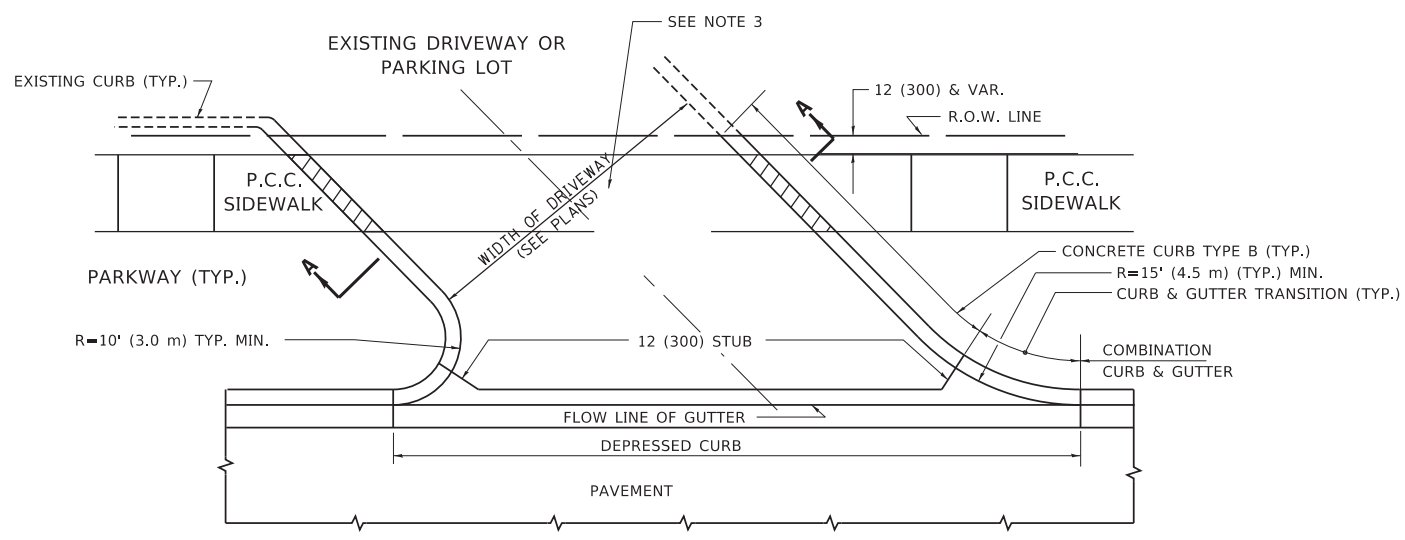
SCALE: N.T.S. SHEET 13 OF 13 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	78
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y21	

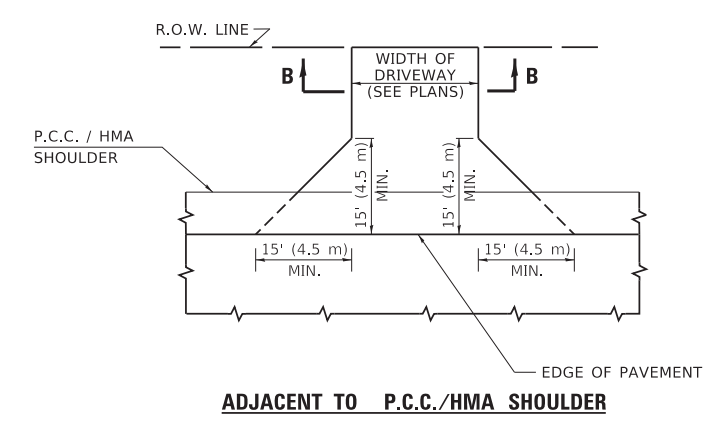
EAGLE 2K



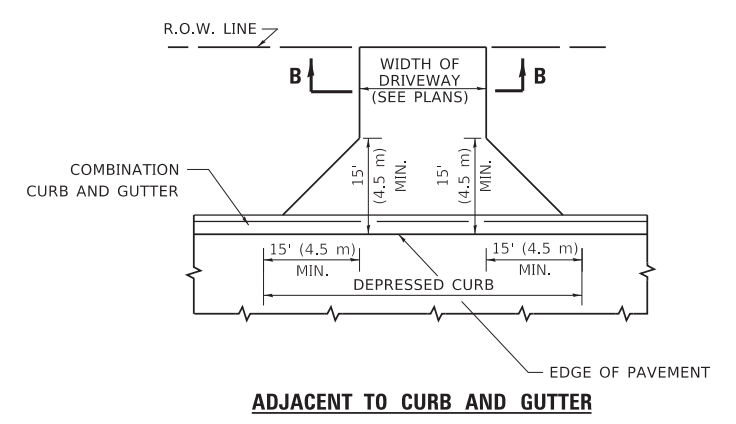
WITH CONCRETE CURB, TYPE B



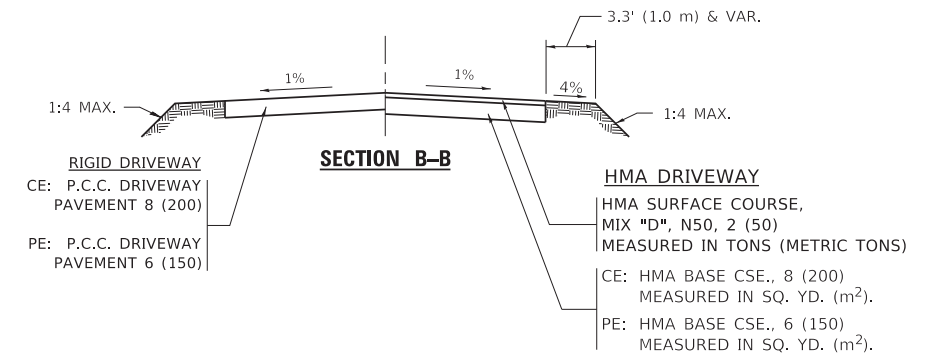
WITH CONCRETE CURB, TYPE B



ADJACENT TO P.C.C./HMA SHOULDER



ADJACENT TO CURB AND GUTTER



GENERAL NOTES:

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

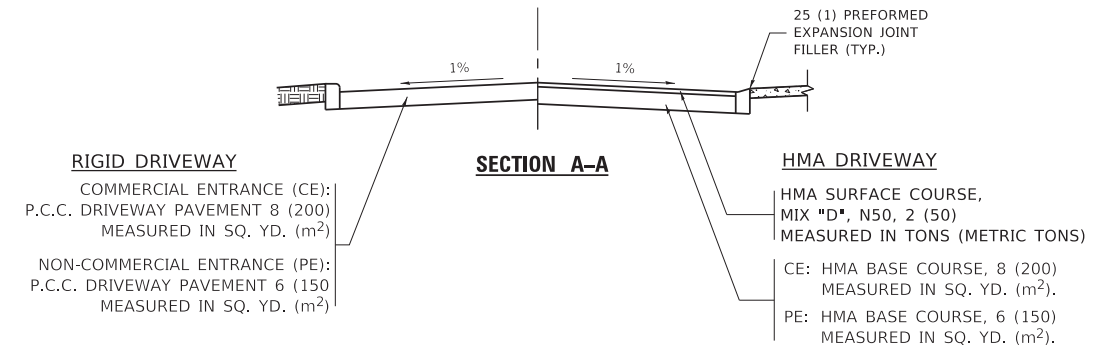
COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.



RIGID DRIVEWAY
COMMERCIAL ENTRANCE (CE):
P.C.C. DRIVEWAY PAVEMENT 8 (200)
MEASURED IN SQ. YD. (m²)
NON-COMMERCIAL ENTRANCE (PE):
P.C.C. DRIVEWAY PAVEMENT 6 (150)
MEASURED IN SQ. YD. (m²)

HMA DRIVEWAY
HMA SURFACE COURSE,
MIX "D", N50, 2 (50)
MEASURED IN TONS (METRIC TONS)
CE: HMA BASE COURSE, 8 (200)
MEASURED IN SQ. YD. (m²).
PE: HMA BASE COURSE, 6 (150)
MEASURED IN SQ. YD. (m²).

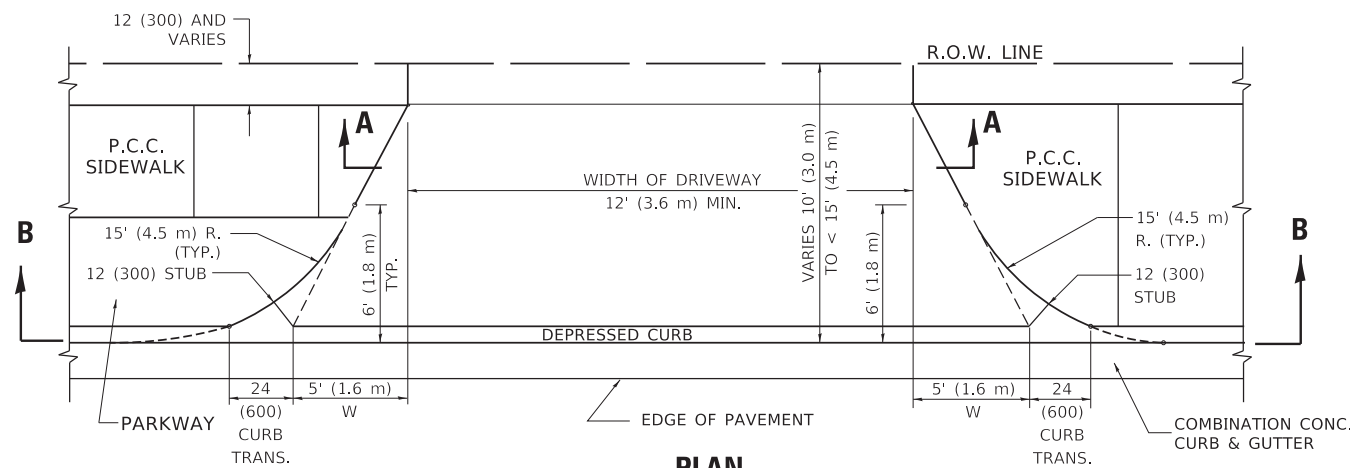
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USER NAME = footemj	DESIGNED - R. SHAH	REVISED - P. LoFLUER 04-15-03
	DRAWN -	REVISED - R. BORO 01-01-07
PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED - R. BORO 06-11-08
PLOT DATE = 3/27/2019	DATE - 11-04-95	REVISED - R. BORO 09-06-11

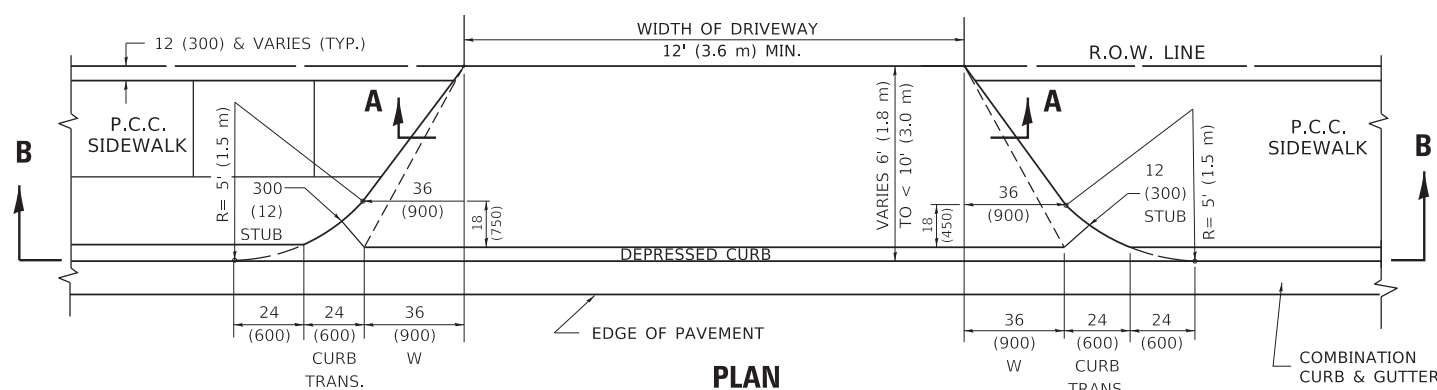
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W.
AND FACE OF CURB & EDGE OF SHOULDER ≥ 15'(4.5m)**
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

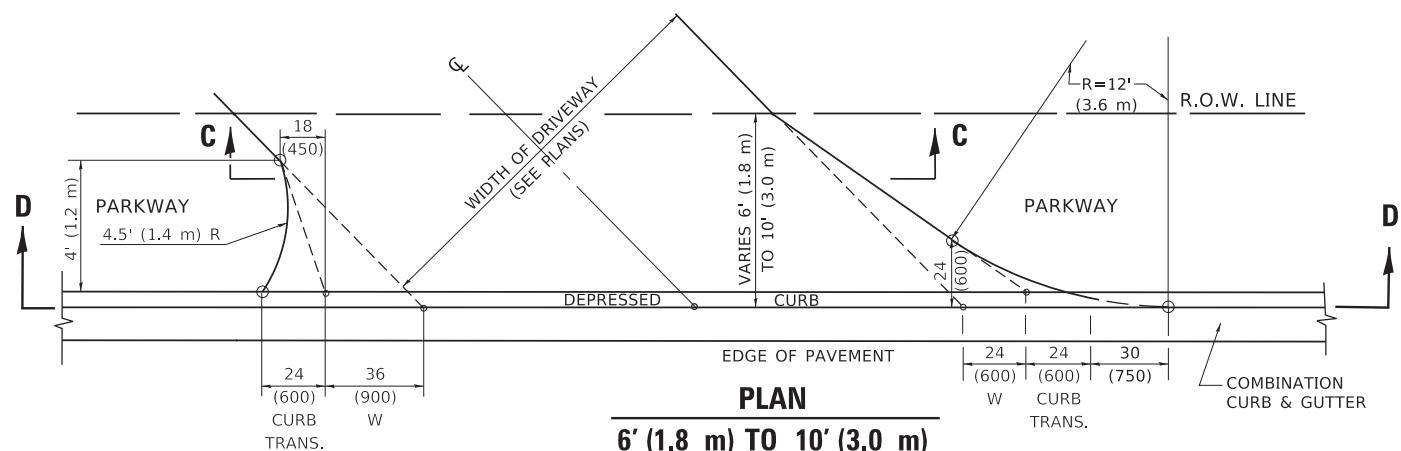
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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BD400-01 (BD-01)		CONTRACT NO. 60Y21		
ILLINOIS		FED. AID PROJECT		



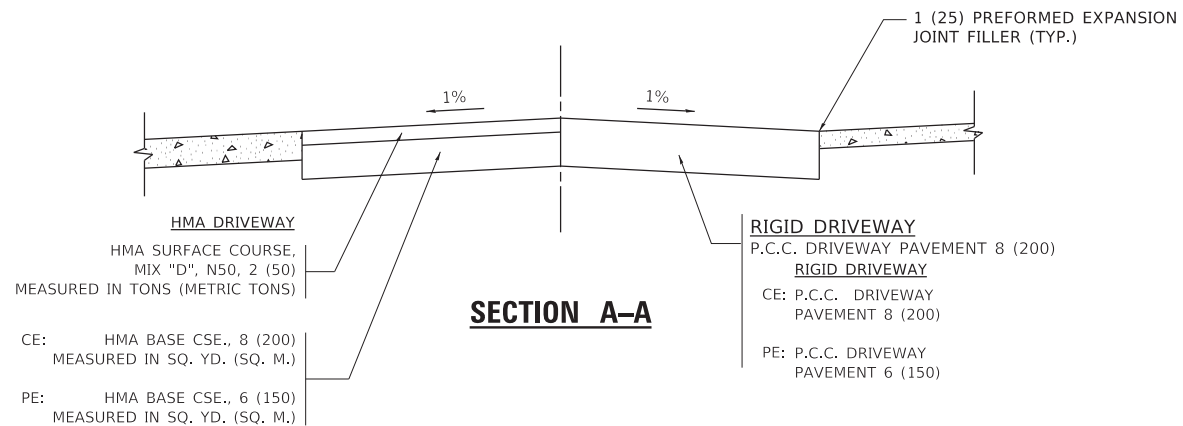
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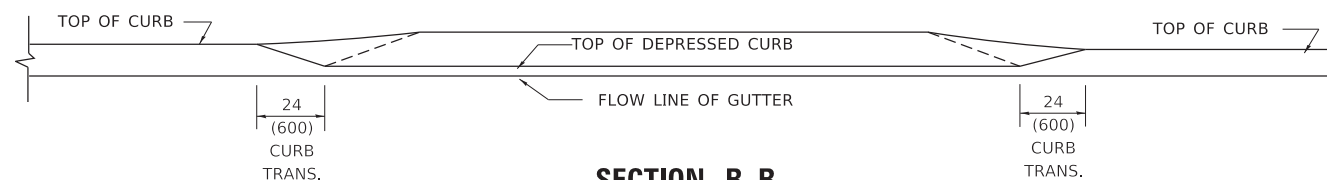
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6' (1.8 m) TO < 10' (3.0 m)



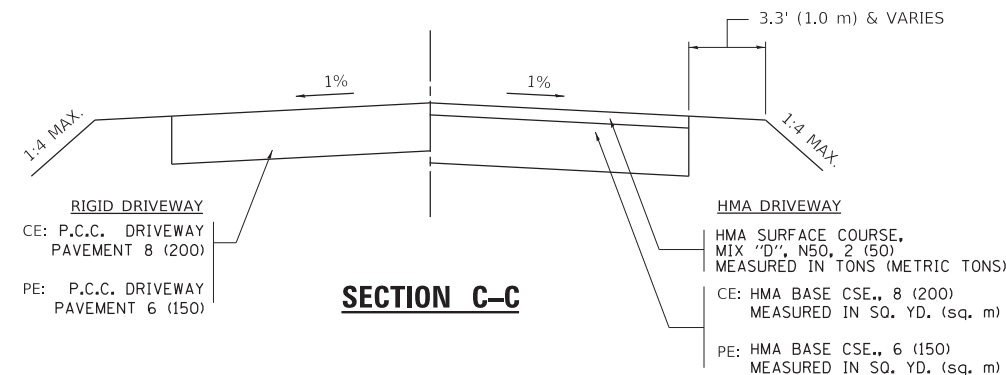
PLAN
6' (1.8 m) TO 10' (3.0 m)



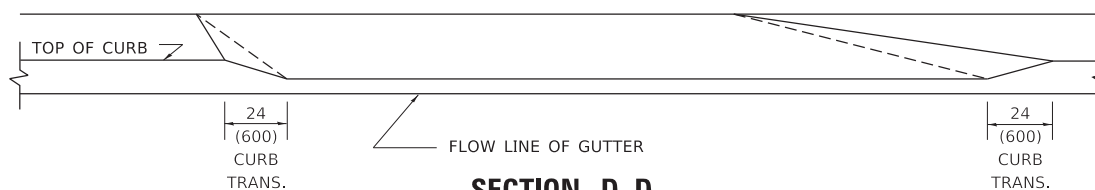
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

GENERAL NOTES

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

THE 1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

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

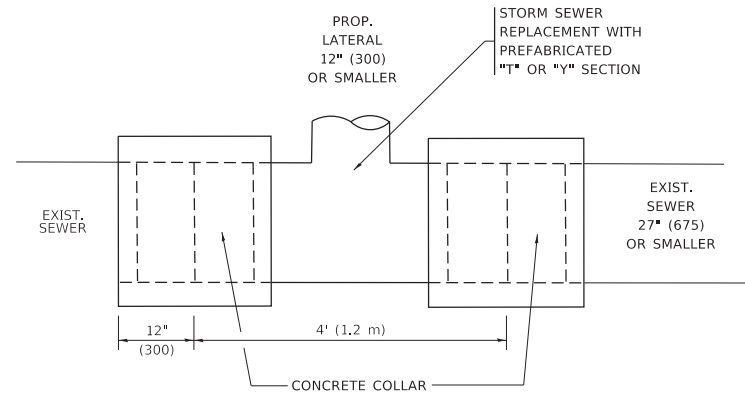
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRIVEWAY DETAILS
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5m)

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

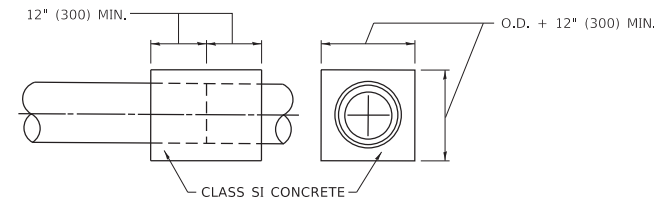
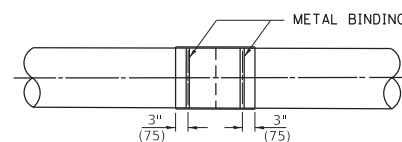
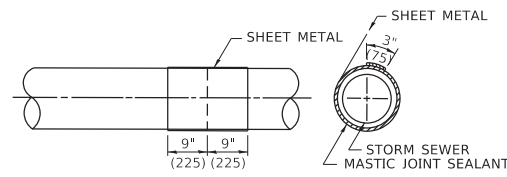
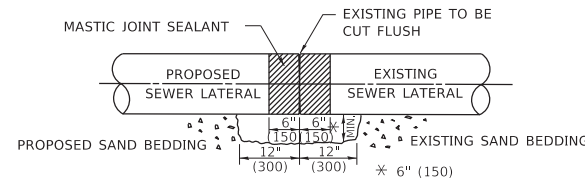
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	80
BD400-02 (BD-02)		CONTRACT NO. 60Y21		
ILLINOIS FED. AID PROJECT				

USER NAME = footemj	DESIGNED - R. SHAH	REVISED - M. GOMEZ 04-06-01
	DRAWN -	REVISED - P. LofLUER 04-15-03
PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 3/27/2019	DATE - 11-06-95	REVISED - R. BORO 09-06-11



DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER



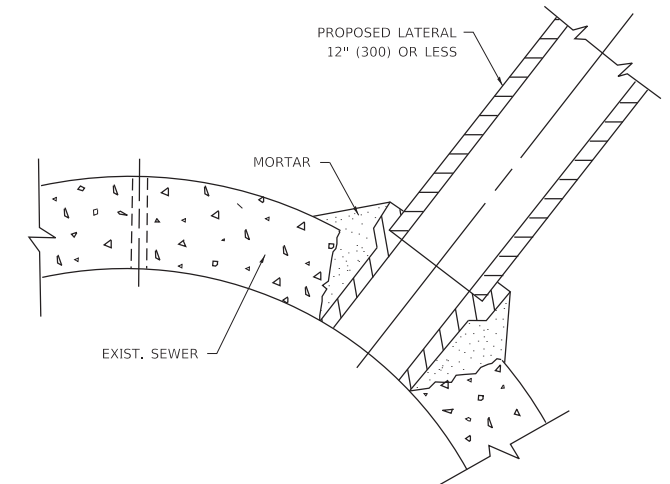
DETAIL "B"

CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE PIPES, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.

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



DETAIL "C"

PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

NOTES:

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
 - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
 - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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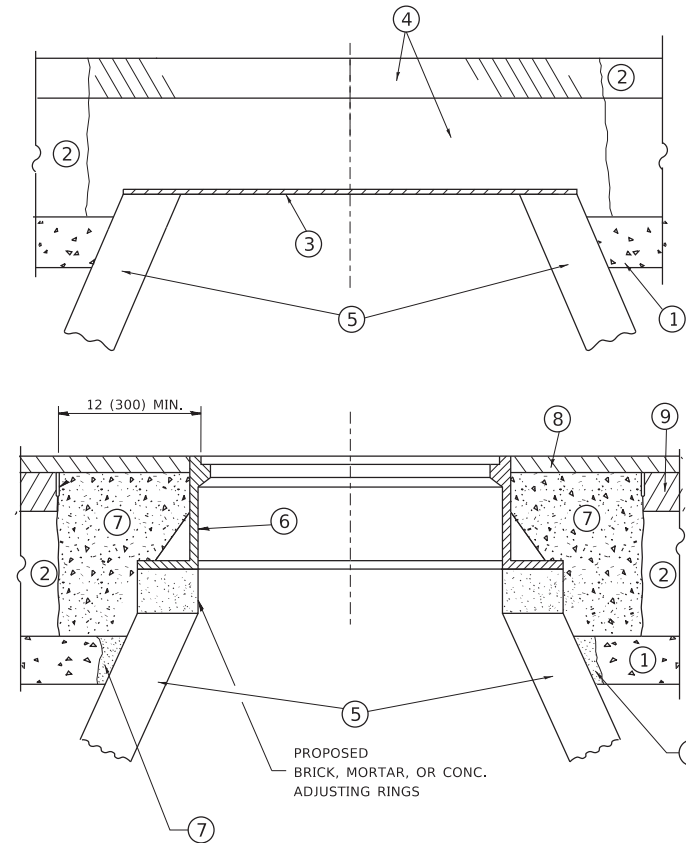
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PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - R. SHAH 10-25-94
PLOT DATE = 3/27/2019	DATE - 07-25-90	REVISED - R. SHAH 06-12-96

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAIL OF STORM SEWER
CONNECTION TO EXISTING SEWER**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	81
BD500-01 (BD-7)		CONTRACT NO. 60Y21		
ILLINOIS		FED. AID PROJECT		



NOTES

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1½ (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1 * CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT *THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER.*

LEGEND

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS PP-1 *CONCRETE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR *FRAMES AND LIDS TO BE ADJUSTED (SPECIAL).*

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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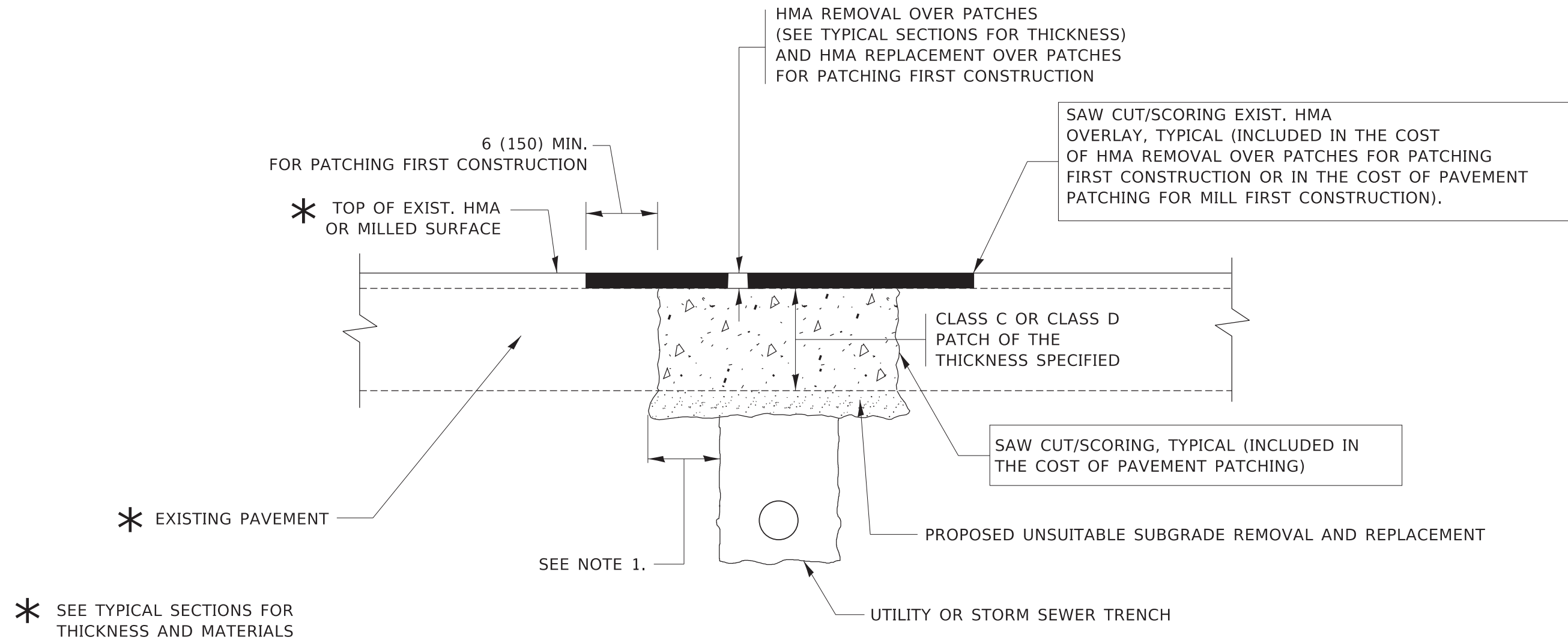
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PLOT DATE = 3/27/2019	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	82
BD600-03 (BD-8)		CONTRACT NO. 60Y21		
ILLINOIS		FED. AID PROJECT		



NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

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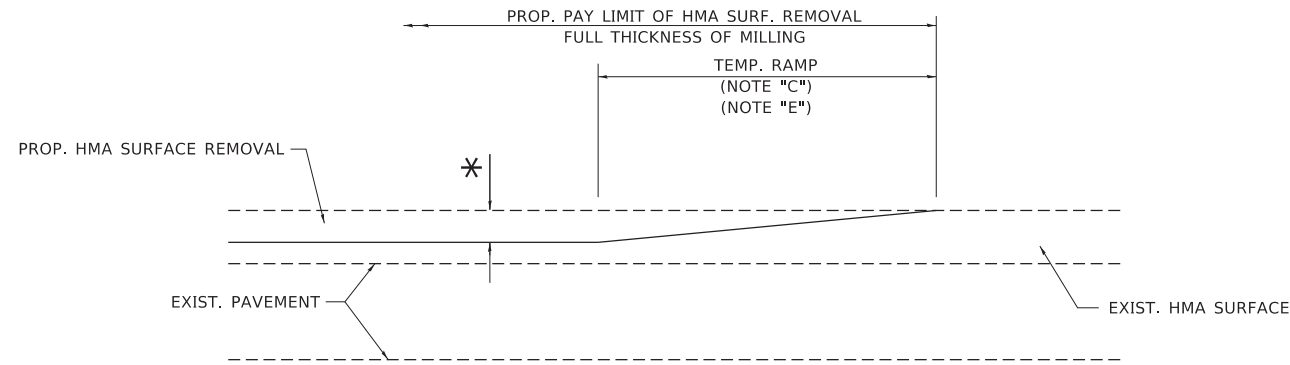
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PLOT DATE = 3/27/2019	DATE - 10-25-94	REVISED - K. ENG 10-27-08

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT PATCHING FOR
HMA SURFACED PAVEMENT**

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

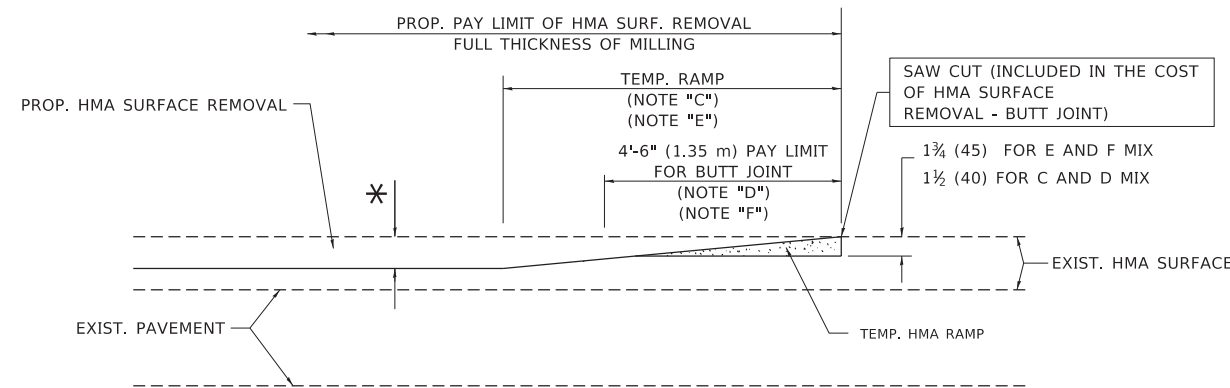
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345	3058A-N(14)	COOK	106	84
BD400-04 (BD-22)			CONTRACT NO. 60Y21	
ILLINOIS FED. AID PROJECT				



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

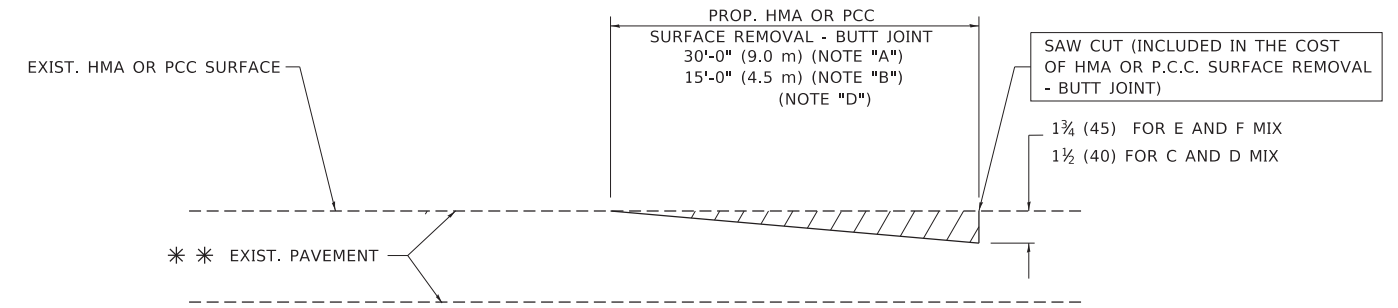


HMA CONSTRUCTED TEMPORARY RAMP

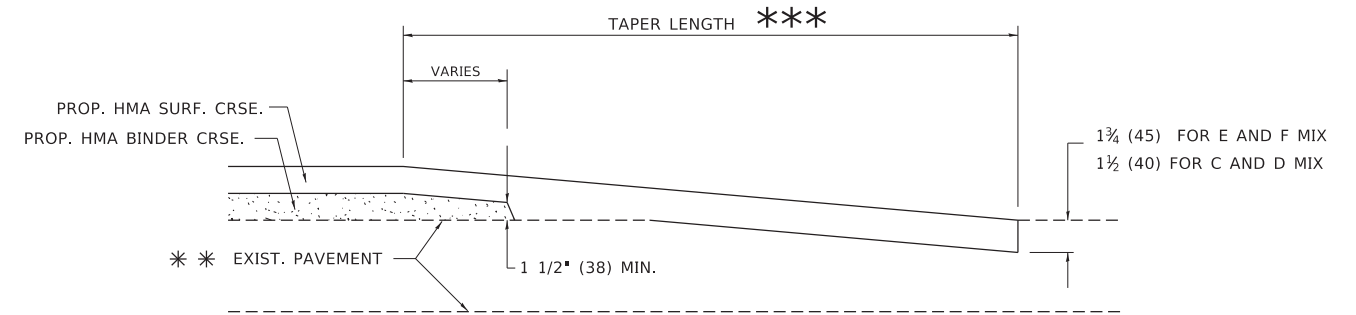
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

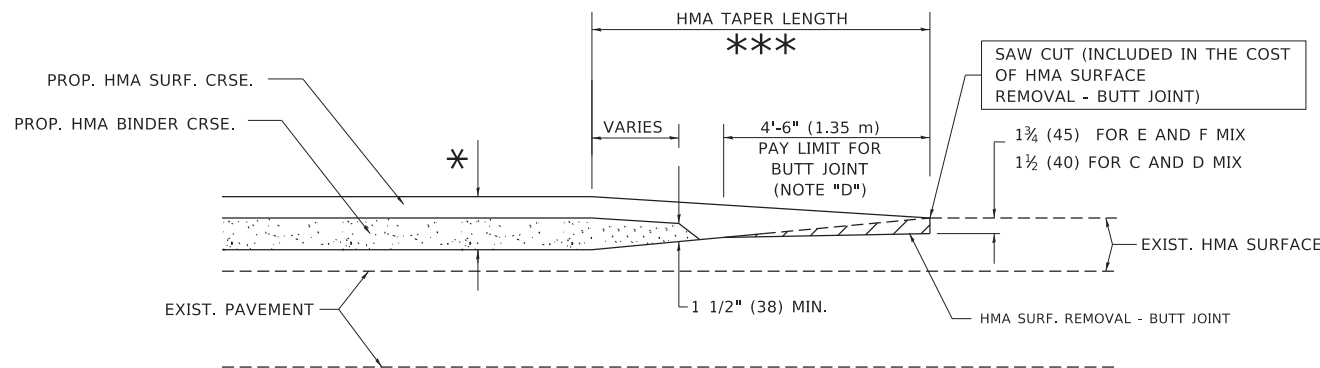
NOTES

- A. MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F. INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT.
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- G. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

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



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

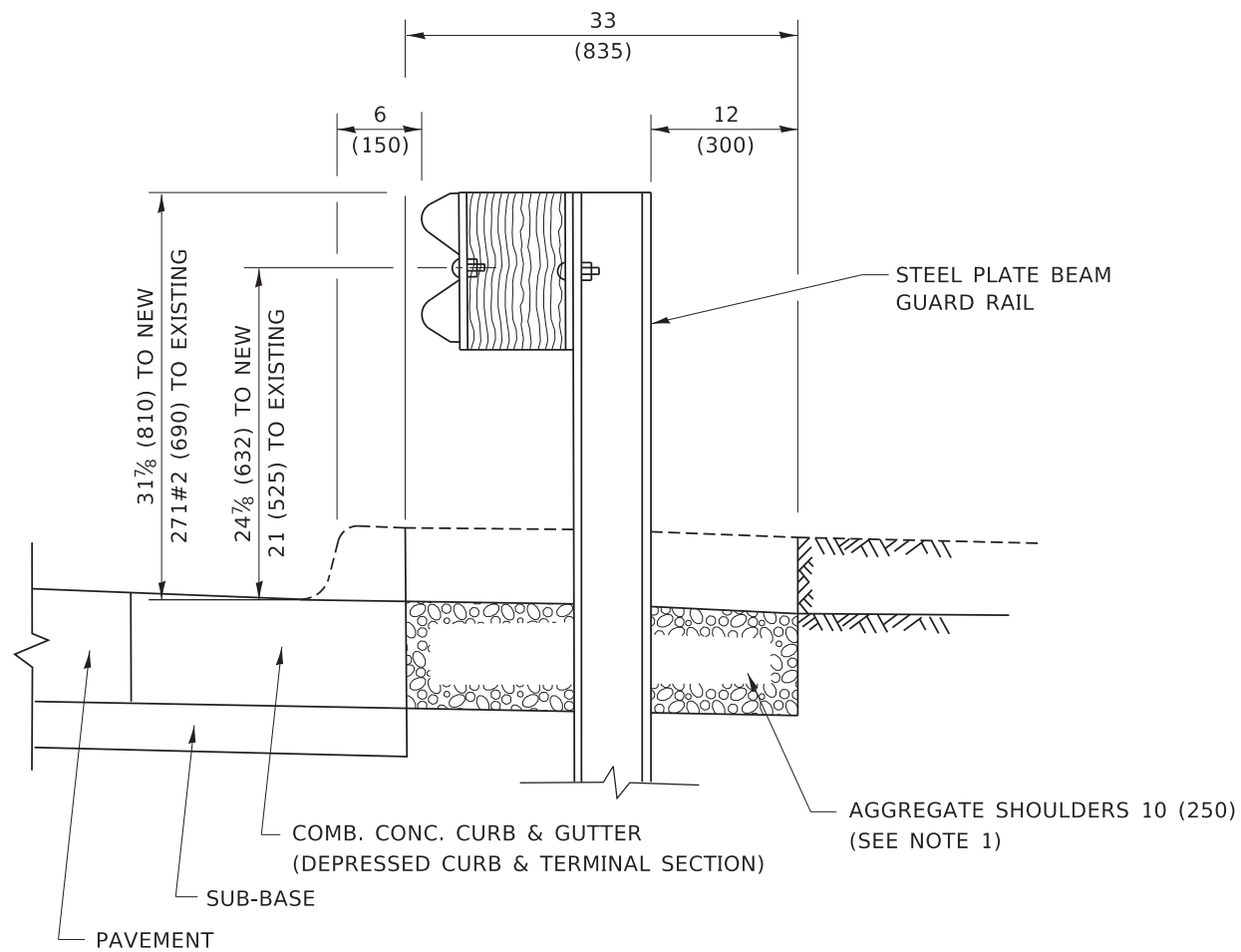
BUTT JOINT AND
HMA TAPER DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	85
BD400-05 BD32		CONTRACT NO. 60Y21		
ILLINOIS FED. AID PROJECT				

USER NAME = footemj	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
	DRAWN -	REVISED - A. ABBAS 03-21-97
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - M. GOMEZ 04-06-01
PLOT DATE = 3/27/2019	DATE - 06-13-90	REVISED - R.BORO 01-01-07

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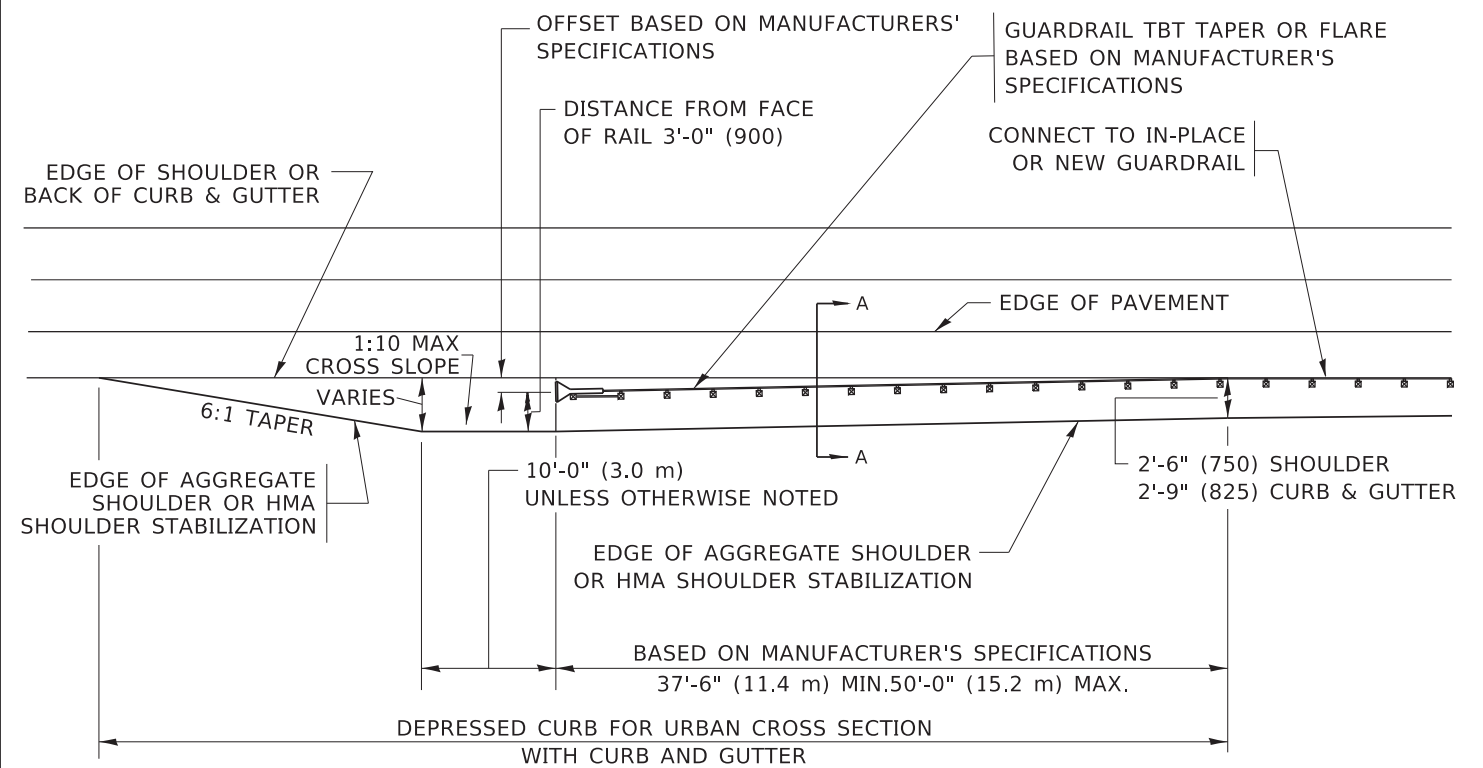
SECTION A-A

NOTES:

1. THE AGGREGATE SHOULDER, 10 (250) OR HMA SHOULDER, 6 (150) (IF REQUIRED) SHALL EXTEND UNDER THE TRAFFIC BARRIER TERMINAL.
2. "EXISTING" GUARDRAIL REFERS TO CONNECTING TERMINAL SECTION TO GUARD RAILING PRIOR TO THE MIDWEST GUARDRAIL SYSTEM.
3. THE CONTRACTOR SHALL VERIFY THE TYPE/HEIGHT OF GUARDRAIL IN-PLACE BEFORE ORDERING THE NEW TERMINAL SECTION. COST INCLUDED WITH THE COST OF THE TERMINAL. THE TERMINAL SECTION HEIGHT TO BE PLACED MUST MATCH THE HEIGHT OF THE IN-PLACE GUARDRAIL.

**DETAILS FOR STEEL PLATE BEAM
GUARD RAIL ADJACENT TO CURB AND GUTTER**

[FOR ROADWAY SPEED 35 MPH (60 kmh) TO 45 MPH (70 kmh)]



**DEPRESSED CURB AND GUTTER AND
SHOULDER TREATMENT AT TBT TY. 1 SPL.**

AGGREGATE SHOULDER, 10 (250) WILL BE PAID ACCORDING TO SECTION 481.

HMA SHOULDERS 6 (150) (IF REQUIRED) WILL BE PAID ACCORDING TO SECTION 482.

COMB. CONC. C&G, STEEL PLATE BEAM GUARD RAIL AND TRAFFIC BARRIER TERMINAL, OF THE TYPE SPECIFIED WILL BE PAID FOR SEPARATELY.

TBT = TRAFFIC BARRIER TERMINAL
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN.

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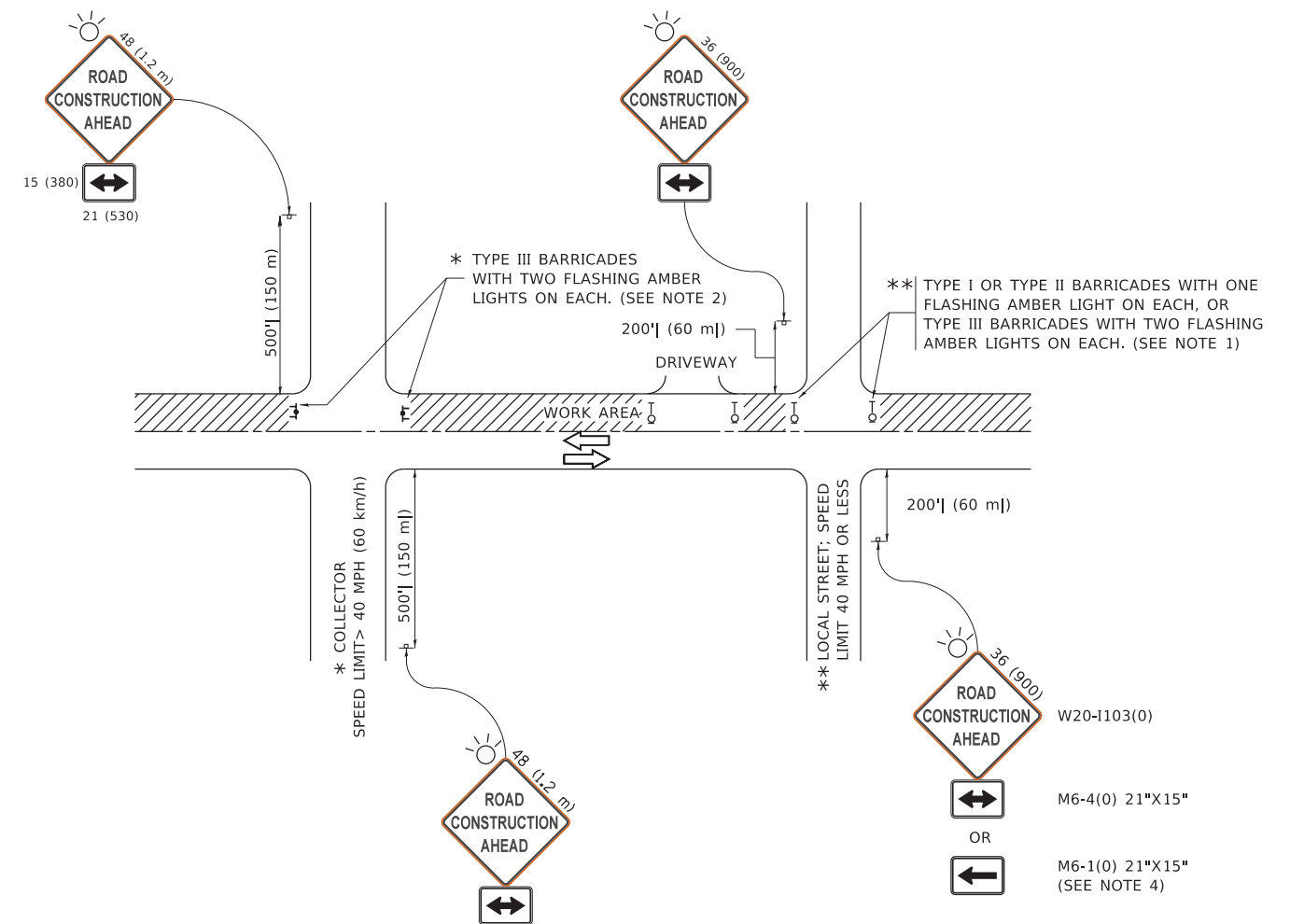
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PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - R. BORO 08-06-2012
PLOT DATE = 3/27/2019	DATE - 09-22-90	REVISED - R. BORO 05-08-2015

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR DEPRESSED CURB & GUTTER AND
SHOULDER TREATMENT AT TBT TY. 1 SPL.**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	86
BD600-10 (BD 34)		CONTRACT NO. 60Y21		
ILLINOIS FED. AID PROJECT				



NOTES:

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

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

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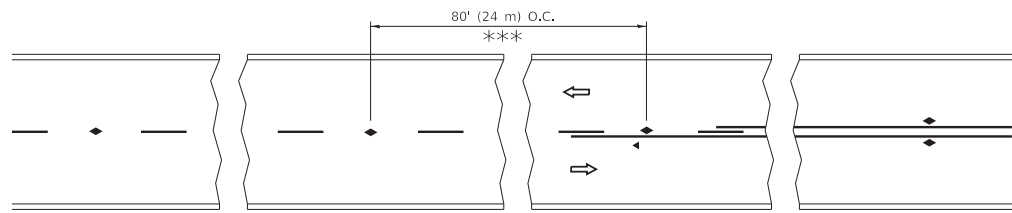
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		REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

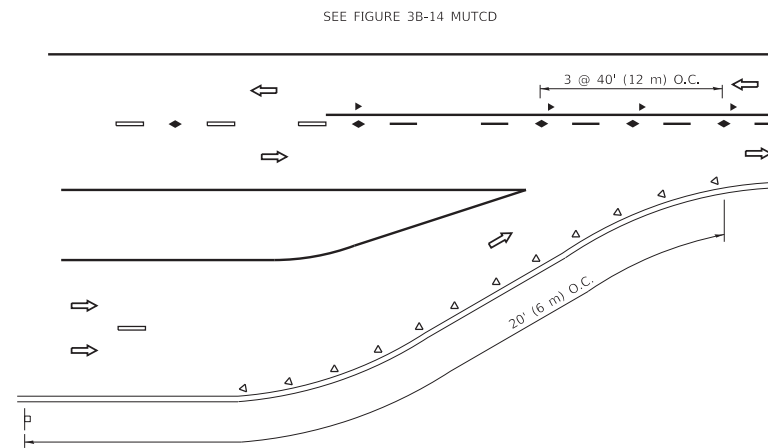
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-10			CONTRACT NO. 60Y21	
ILLINOIS FED. AID PROJECT				

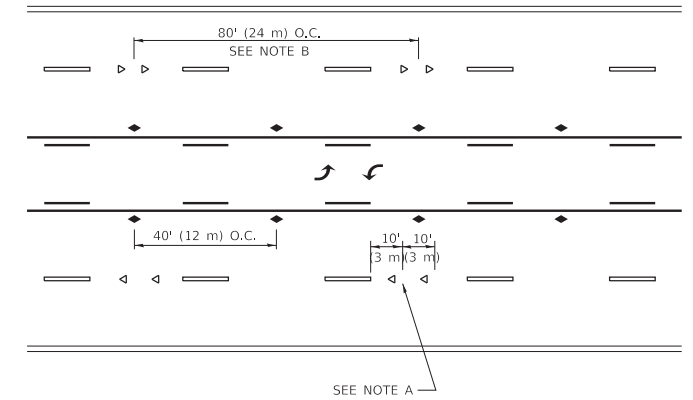


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

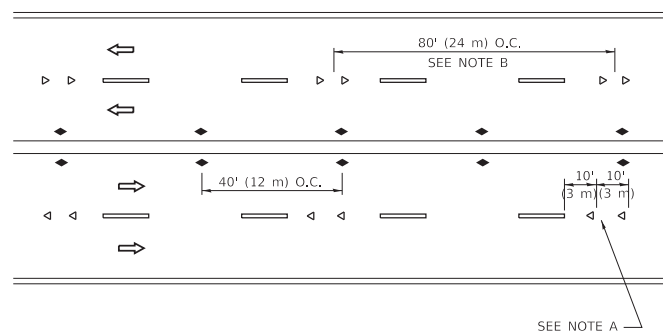
TWO-LANE/TWO-WAY



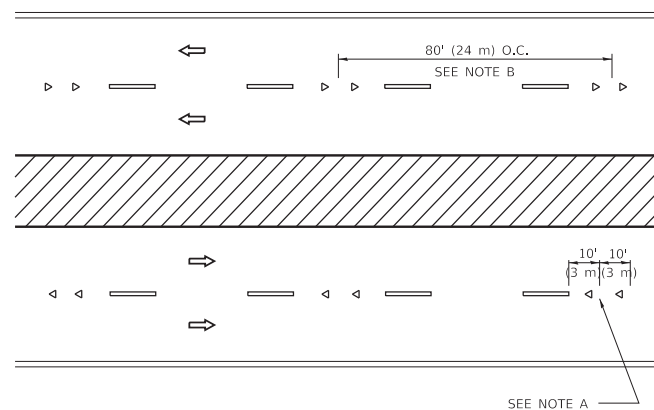
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

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

SYMBOLS

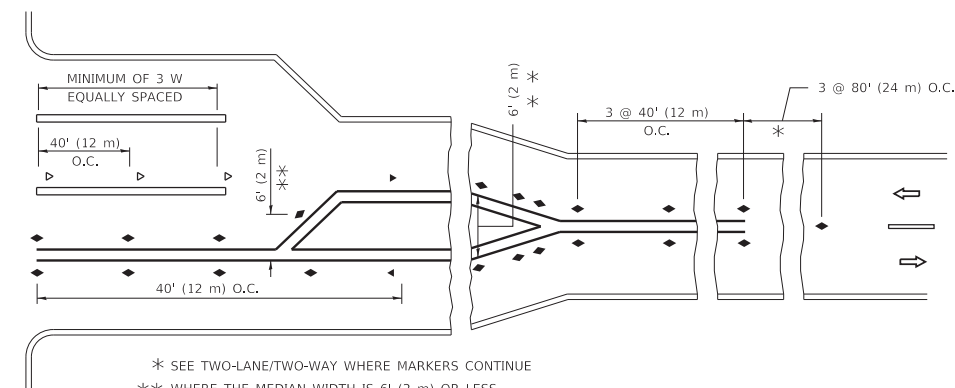
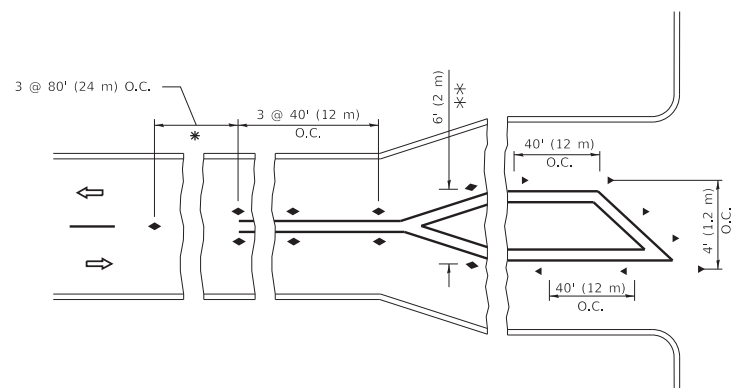
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

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

DESIGN NOTES

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



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

TURN LANES

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

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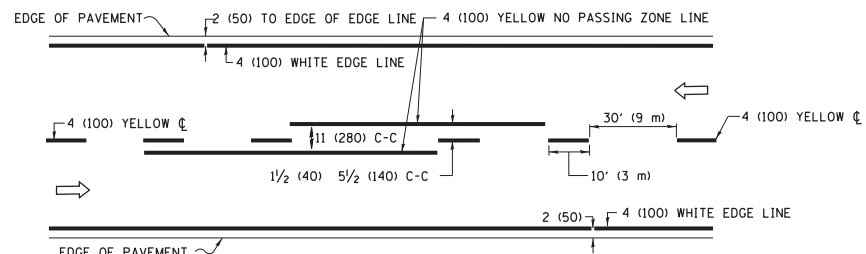
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PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 07-01-13

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

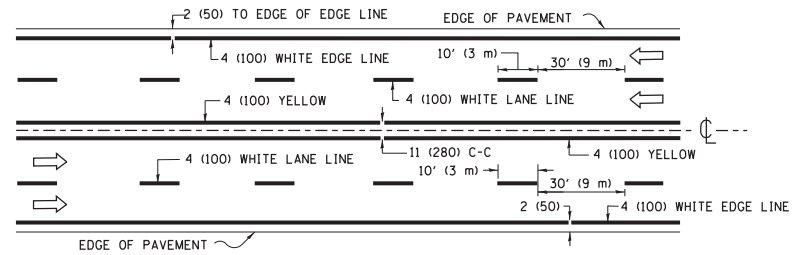
**TYPICAL APPLICATIONS
 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)**

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

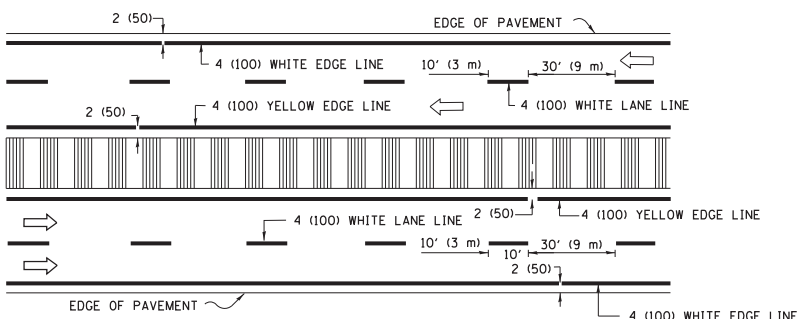
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345	3058A-N(14)	COOK	106	88
TC-11			CONTRACT NO. 60Y21	
ILLINOIS		FED. AID PROJECT		



2-LANE ROADWAY

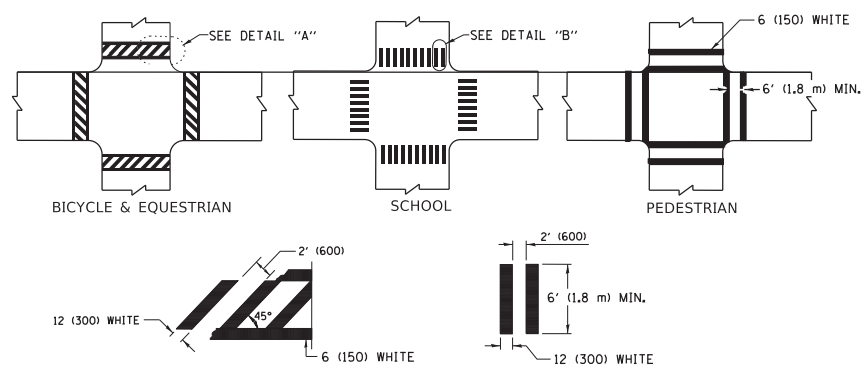


MULTI-LANE UNDIVIDED



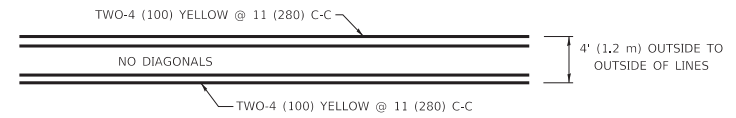
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

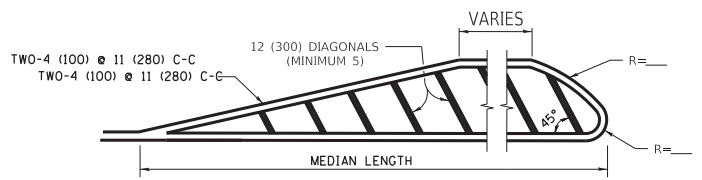


TYPICAL CROSSWALK MARKING

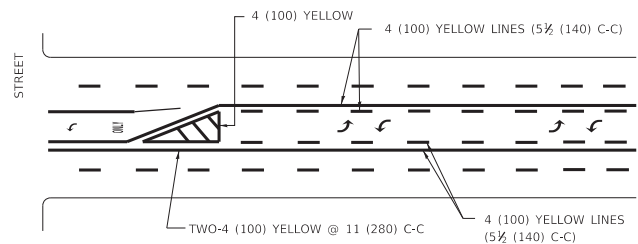
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



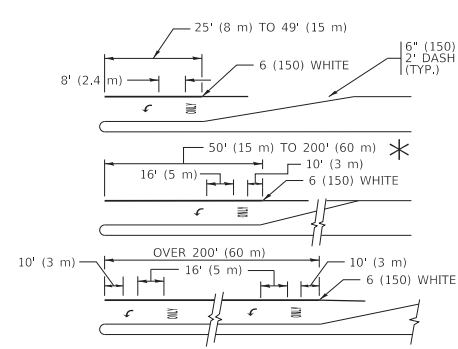
4' (1.2 m) WIDE MEDIANS ONLY



MEDIANS OVER 4' (1.2 m) WIDE



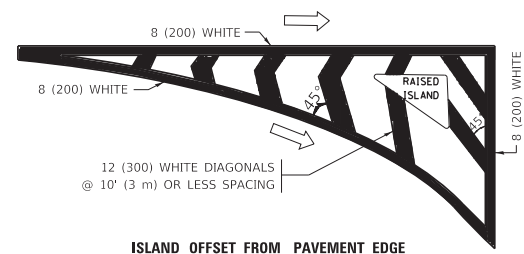
MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING



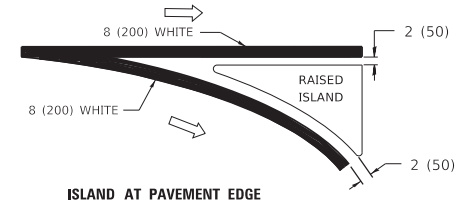
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

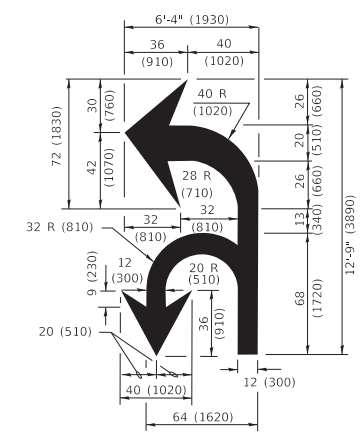
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".



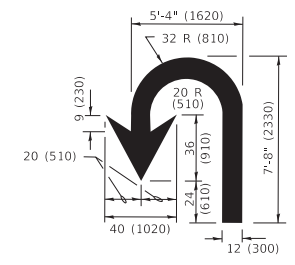
ISLAND OFFSET FROM PAVEMENT EDGE



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" IS 6' (1.8 m) LETTERS: 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
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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		REVISED - C. JUCIUS 04-12-16

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE TYPICAL PAVEMENT MARKINGS

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. 345	SECTION 3058A-N(14)	COUNTY COOK	TOTAL SHEETS 106	SHEET NO. 89
TC-13		CONTRACT NO. 60Y21		
ILLINOIS		FED. AID PROJECT		

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

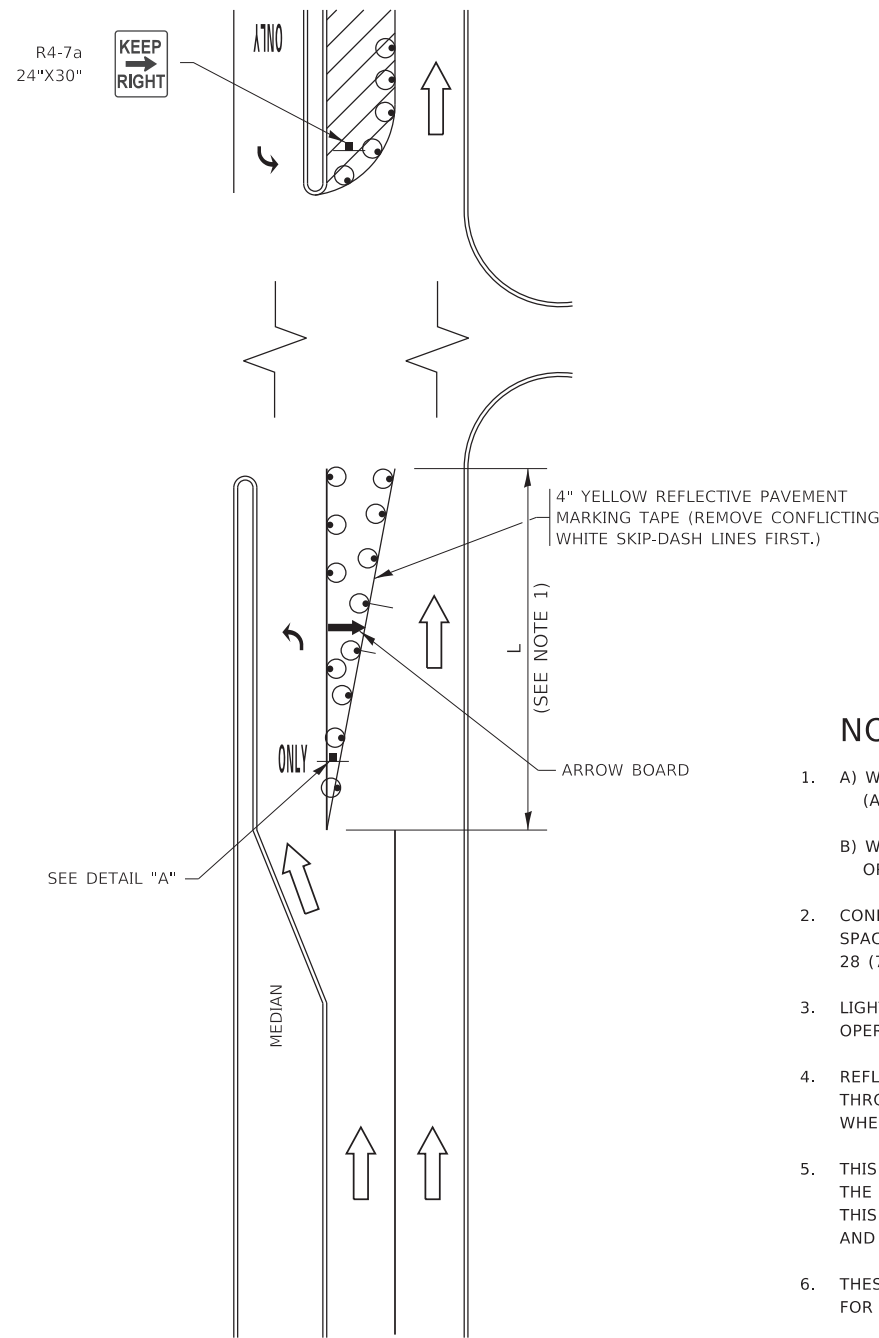


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

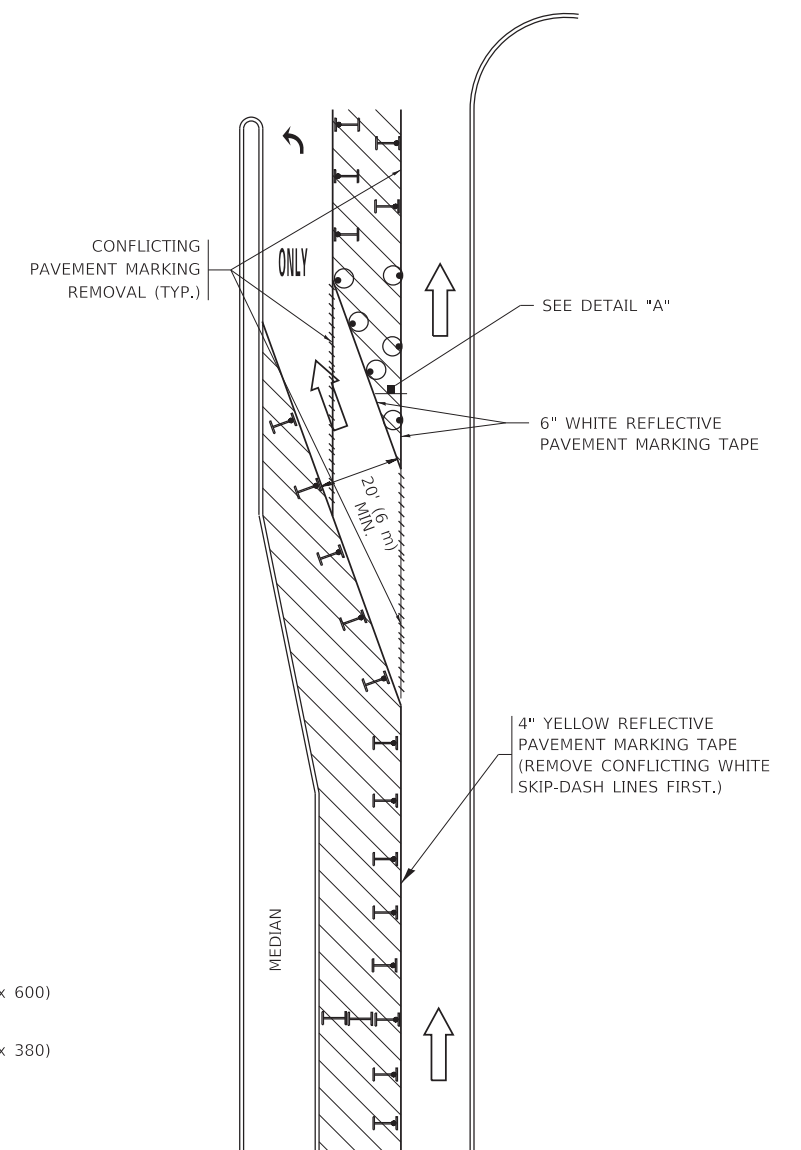


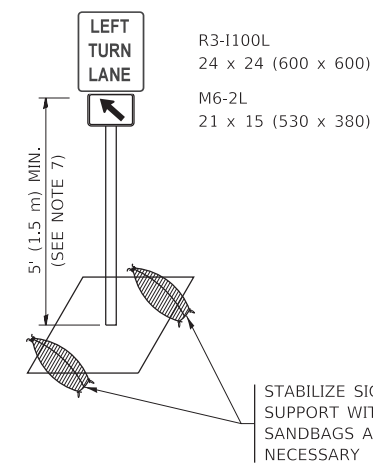
FIGURE 2

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- ARROW BOARD
- TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- SIGN ASSEMBLY
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

1. A) WHEN "L" IS \leq THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-1100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH REQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



DETAIL A

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

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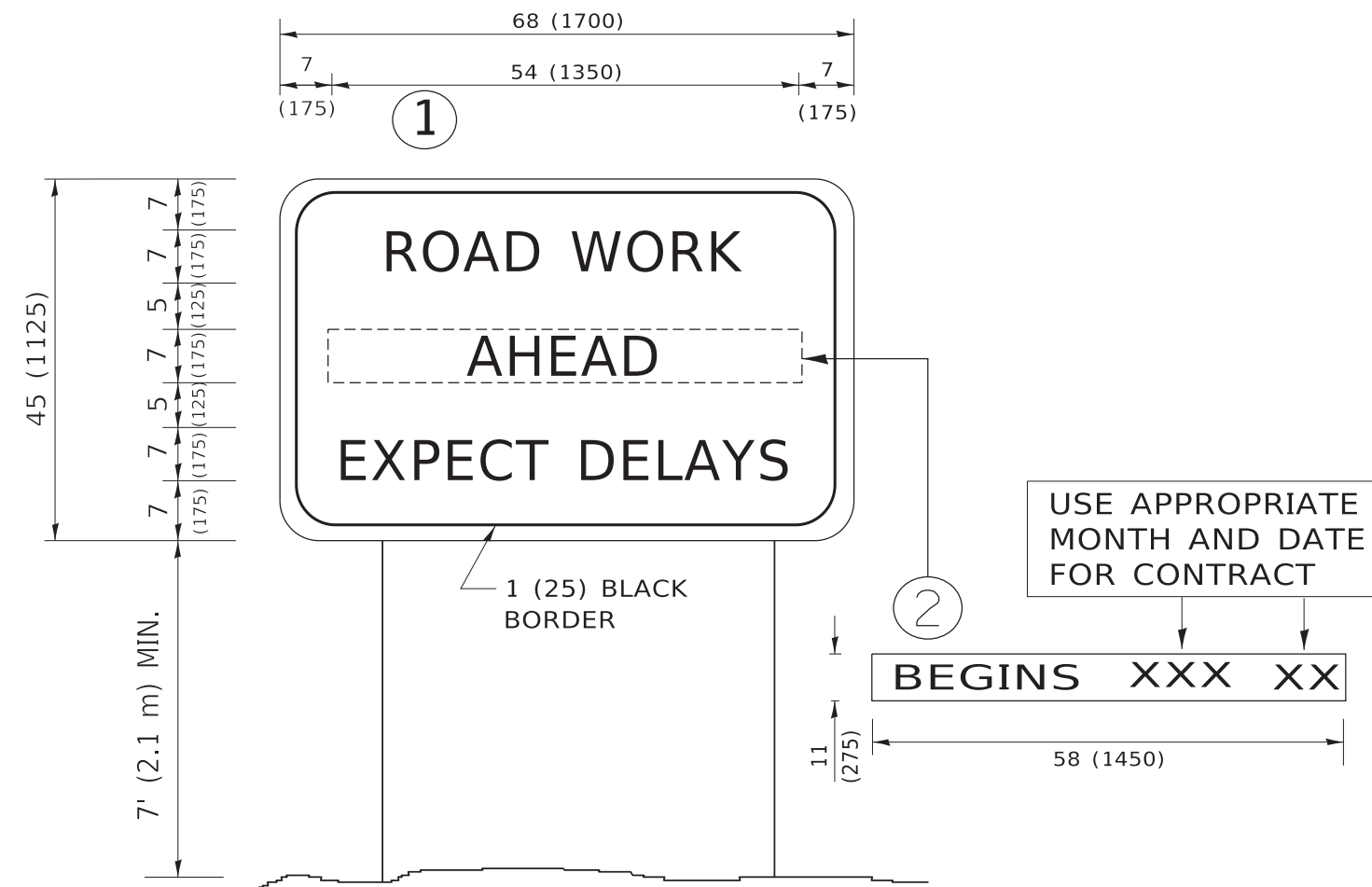
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)**

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

F.A.P. RTE. 345	SECTION 3058A-N(14)	COUNTY COOK	TOTAL SHEETS 106	SHEET NO. 90
TC-14		CONTRACT NO. 60Y21		
ILLINOIS FED. AID PROJECT				



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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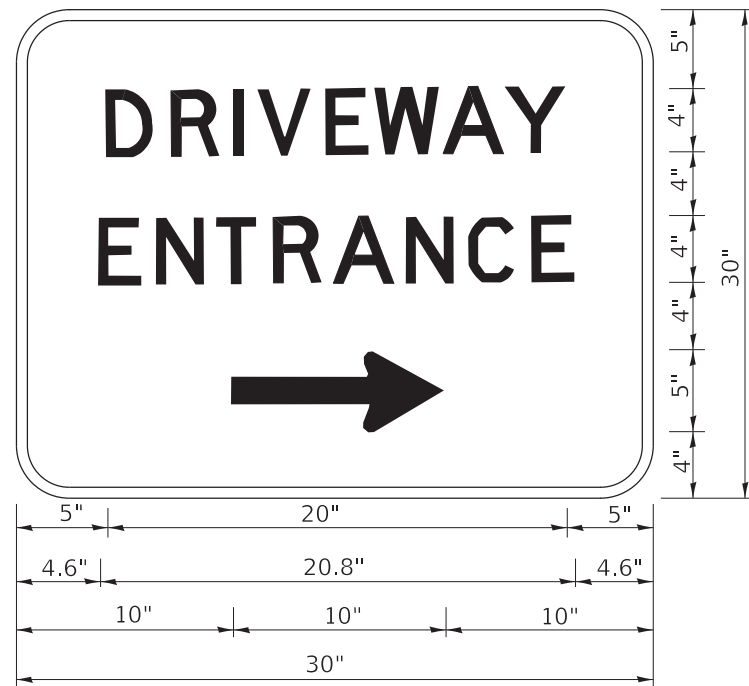
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	92
TC-22			CONTRACT NO. 60Y21	
ILLINOIS FED. AID PROJECT				



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

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

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRIVEWAY ENTRANCE SIGNING

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	93
TC-26			CONTRACT NO. 60Y21	
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	SURVEYED	BY	DATE
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NO.	TEMPLATE		
	AREAS CHECKED		

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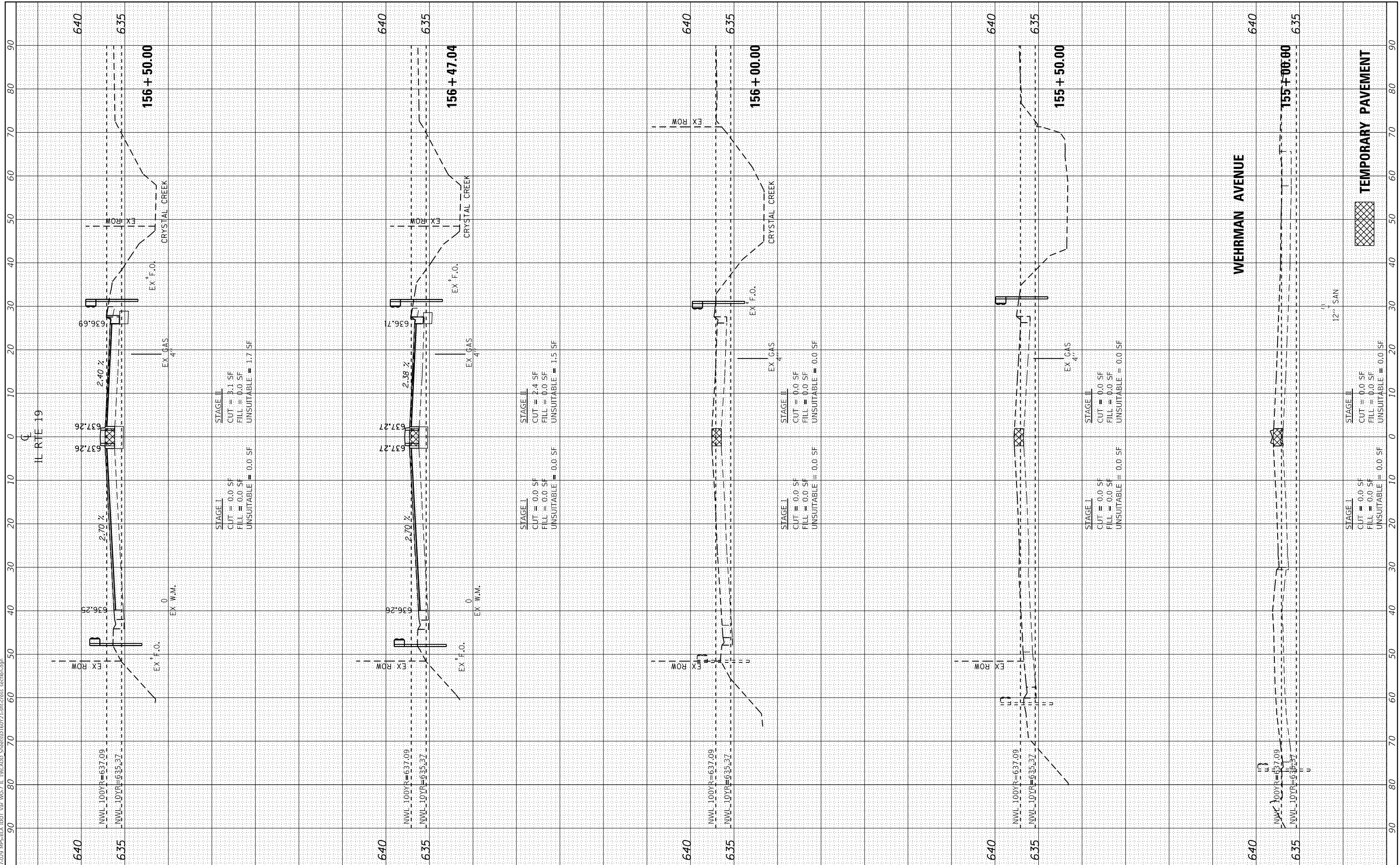
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 19 AT JUDD AVENUE
CROSS SECTIONS

V: 1"=5'
SCALE: H: 1"=10' SHEET 1 OF 13 SHEETS STA. 155+00.00 TO STA. 156+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	94
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: Defnair
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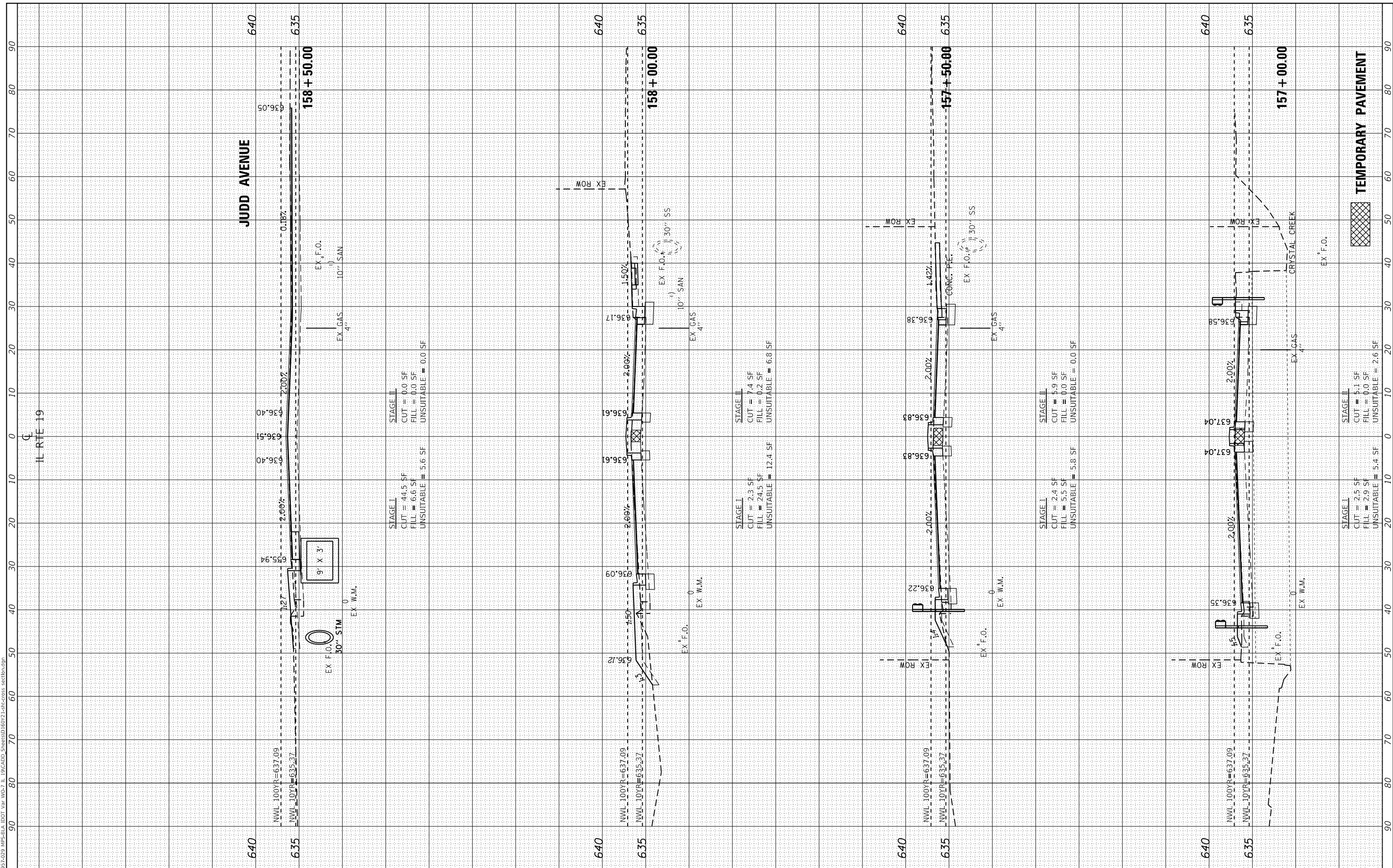
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DRAWN -	WJT
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PLOT SCALE =	20.0000' / in.
PLOT DATE =	6/20/2020

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL RTE 19 AT JUDD AVENUE CROSS SECTIONS	
V: 1"=5'	
SCALE: H: 1"=10'	
SHEET 2	OF 13 SHEETS
STA. 157+00.00	TO STA. 158+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	95
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				



TEMPORARY PAVEMENT



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: D:\mtr\...
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CHECKED -	MTC
DATE -	06/05/2020

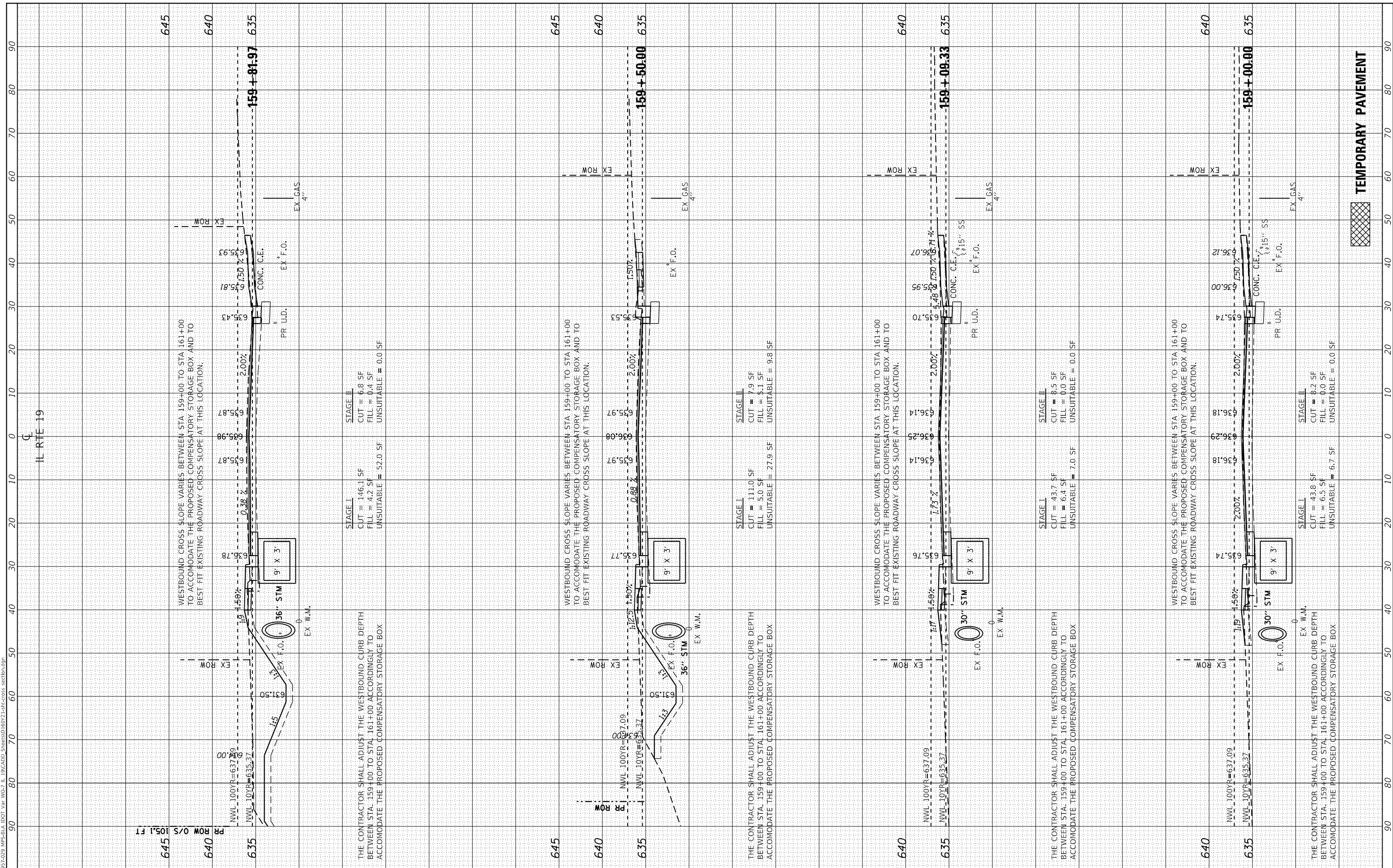
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL RTE 19 AT JUDD AVENUE
 CROSS SECTIONS

V: 1"=5'
 SCALE: H: 1"=10' SHEET 3 OF 13 SHEETS STA. 159+00.00 TO STA. 159+81.97

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	96
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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CHECKED -	MTC
DATE -	06/05/2020

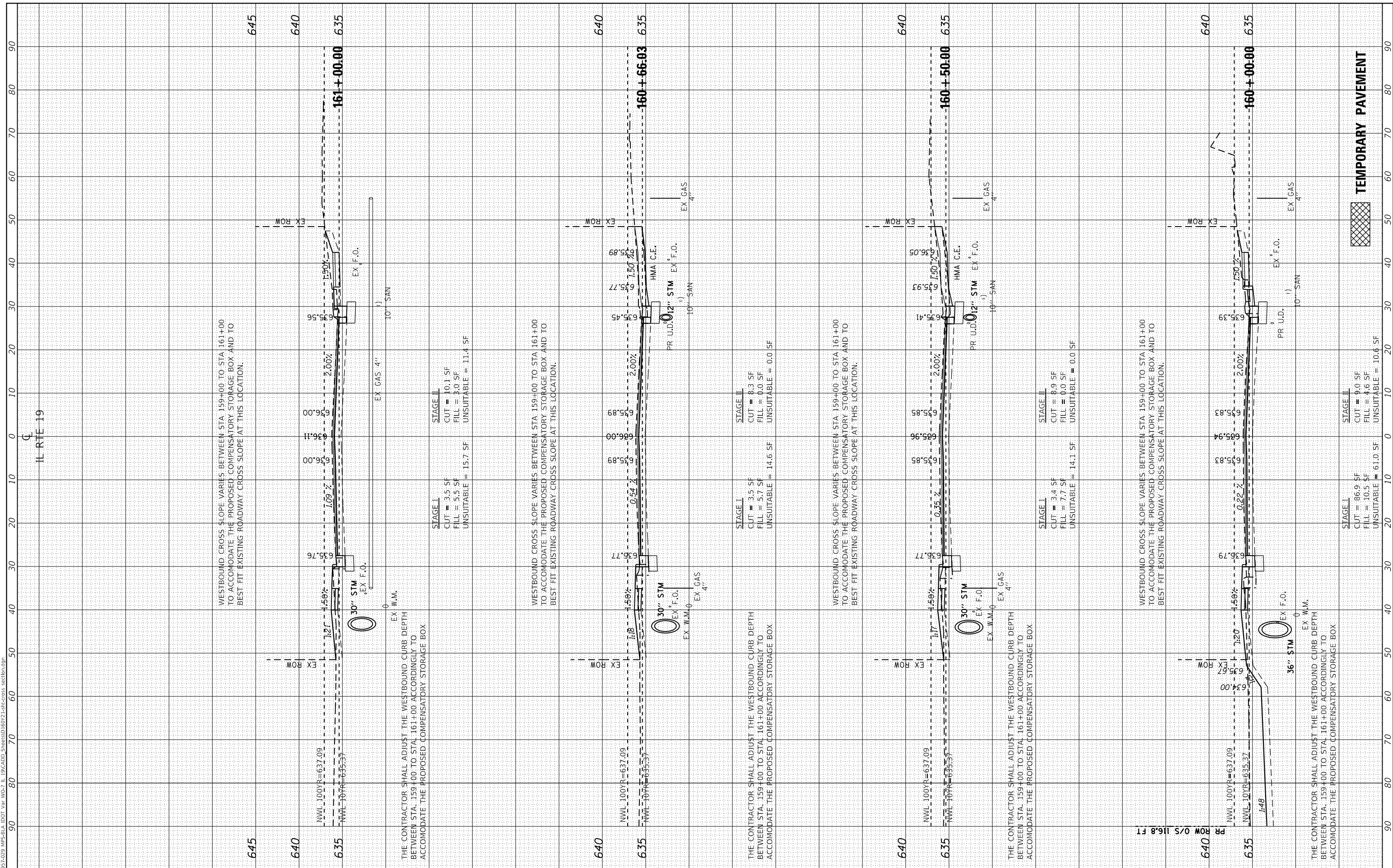
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 19 AT JUDD AVENUE
CROSS SECTIONS

SCALE: H: 1"=10' SHEET 4 OF 13 SHEETS STA. 160+00.00 TO STA. 161+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	97
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				



WESTBOUND CROSS SLOPE VARIES BETWEEN STA. 159+00 TO STA. 161+00 TO ACCOMMODATE THE PROPOSED COMPENSATORY STORAGE BOX AND TO BEST FIT EXISTING ROADWAY CROSS SLOPE AT THIS LOCATION.

WESTBOUND CROSS SLOPE VARIES BETWEEN STA. 159+00 TO STA. 161+00 TO ACCOMMODATE THE PROPOSED COMPENSATORY STORAGE BOX AND TO BEST FIT EXISTING ROADWAY CROSS SLOPE AT THIS LOCATION.

WESTBOUND CROSS SLOPE VARIES BETWEEN STA. 159+00 TO STA. 161+00 TO ACCOMMODATE THE PROPOSED COMPENSATORY STORAGE BOX AND TO BEST FIT EXISTING ROADWAY CROSS SLOPE AT THIS LOCATION.

WESTBOUND CROSS SLOPE VARIES BETWEEN STA. 159+00 TO STA. 161+00 TO ACCOMMODATE THE PROPOSED COMPENSATORY STORAGE BOX AND TO BEST FIT EXISTING ROADWAY CROSS SLOPE AT THIS LOCATION.

THE CONTRACTOR SHALL ADJUST THE WESTBOUND CURB DEPTH BETWEEN STA. 159+00 TO STA. 161+00 ACCORDINGLY TO ACCOMMODATE THE PROPOSED COMPENSATORY STORAGE BOX

THE CONTRACTOR SHALL ADJUST THE WESTBOUND CURB DEPTH BETWEEN STA. 159+00 TO STA. 161+00 ACCORDINGLY TO ACCOMMODATE THE PROPOSED COMPENSATORY STORAGE BOX

THE CONTRACTOR SHALL ADJUST THE WESTBOUND CURB DEPTH BETWEEN STA. 159+00 TO STA. 161+00 ACCORDINGLY TO ACCOMMODATE THE PROPOSED COMPENSATORY STORAGE BOX

THE CONTRACTOR SHALL ADJUST THE WESTBOUND CURB DEPTH BETWEEN STA. 159+00 TO STA. 161+00 ACCORDINGLY TO ACCOMMODATE THE PROPOSED COMPENSATORY STORAGE BOX

TEMPORARY PAVEMENT

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

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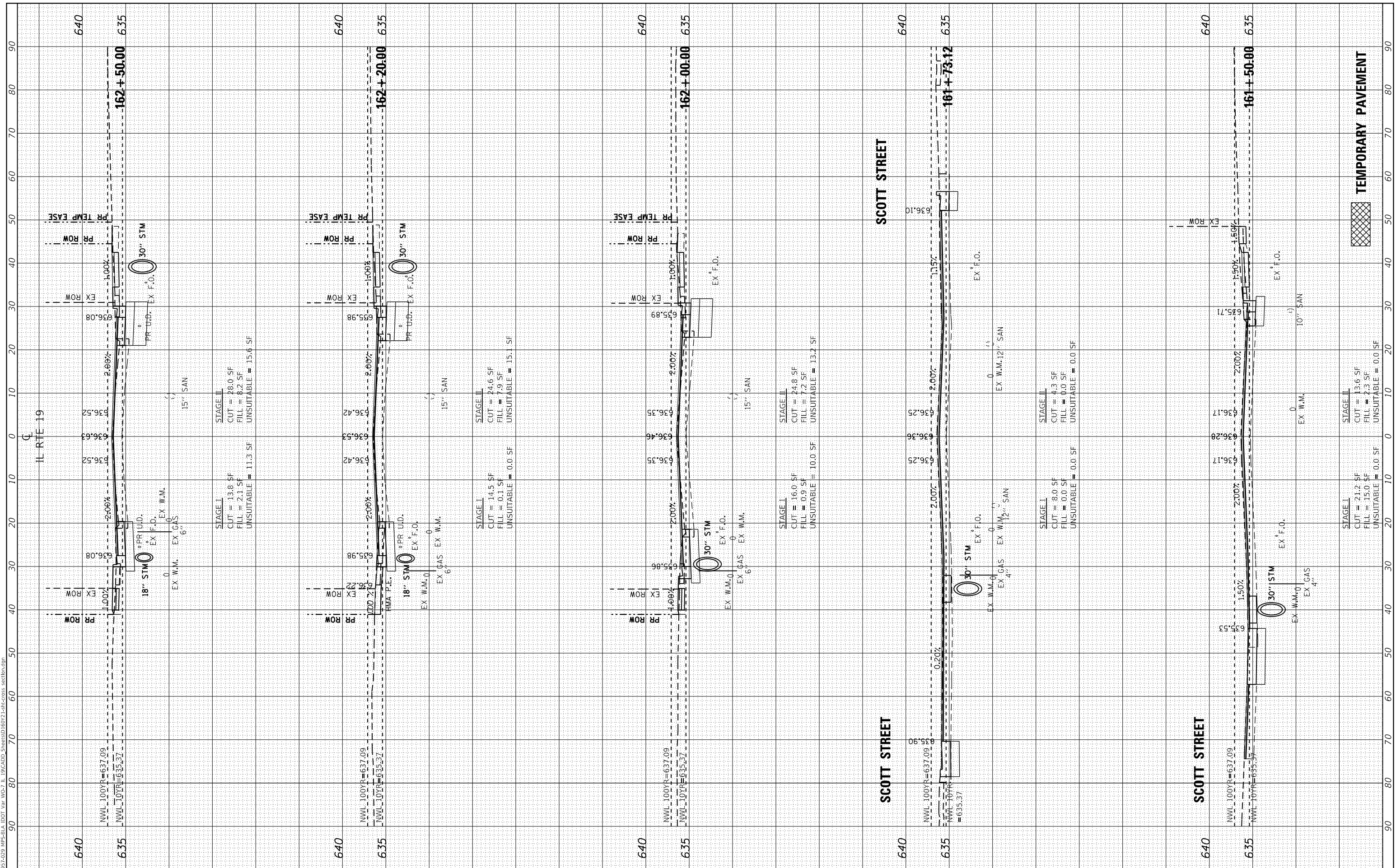
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CHECKED	- MTC
DATE	- 06/05/2020

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

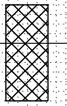
IL RTE 19 AT JUDD AVENUE
 CROSS SECTIONS

V: 1"=5'
 SCALE: H: 1"=10' SHEET 5 OF 13 SHEETS STA. 161+50.00 TO STA. 162+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	98
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				



TEMPORARY PAVEMENT



FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

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CHECKED	- MTC
DATE	- 06/05/2020

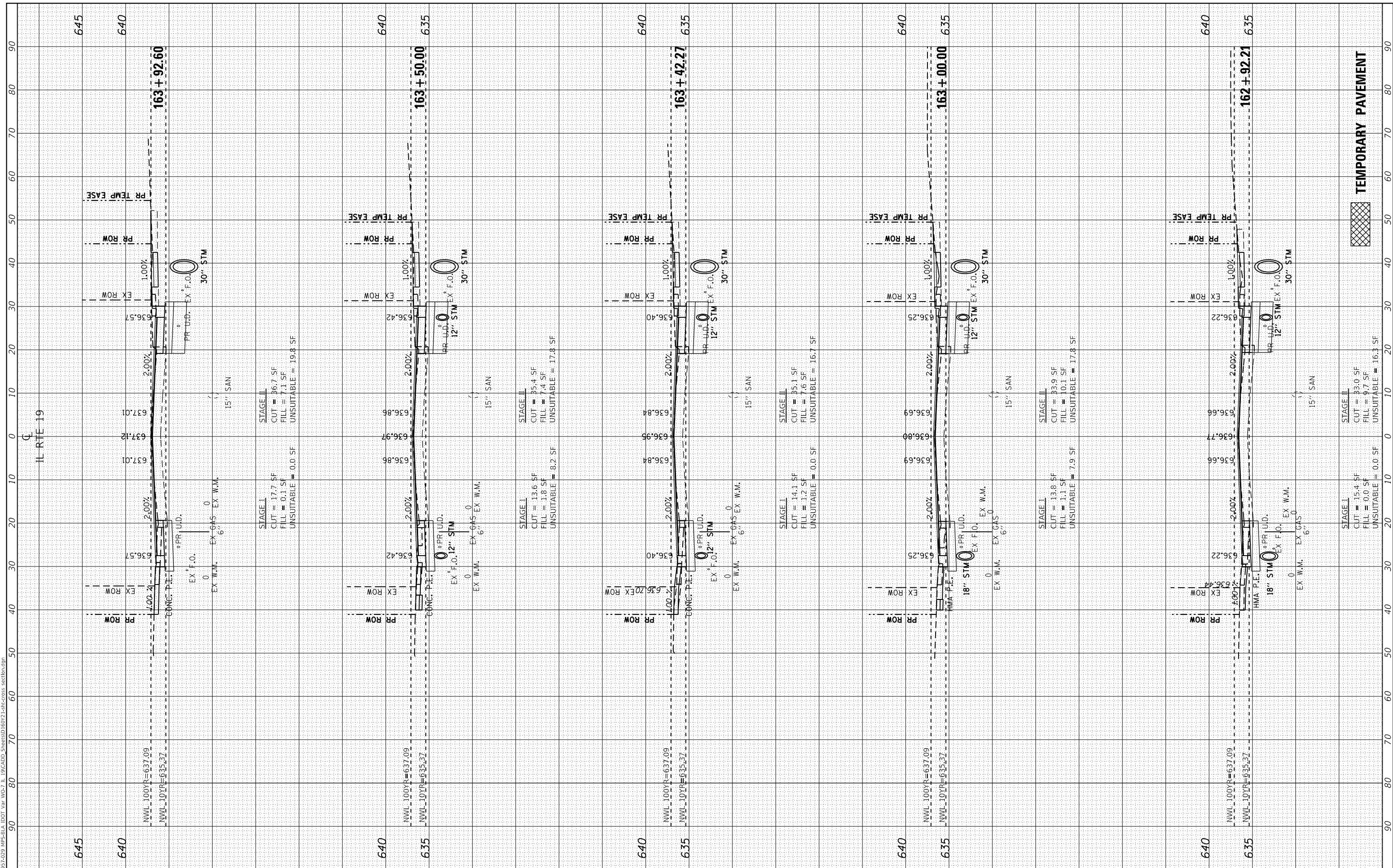
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL RTE 19 AT JUDD AVENUE
 CROSS SECTIONS

V: 1"=5'
 SCALE: H: 1"=50' SHEET 6 OF 13 SHEETS STA. 162+92.21 TO STA. 163+92.60

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A=N(14)	COOK	106	99
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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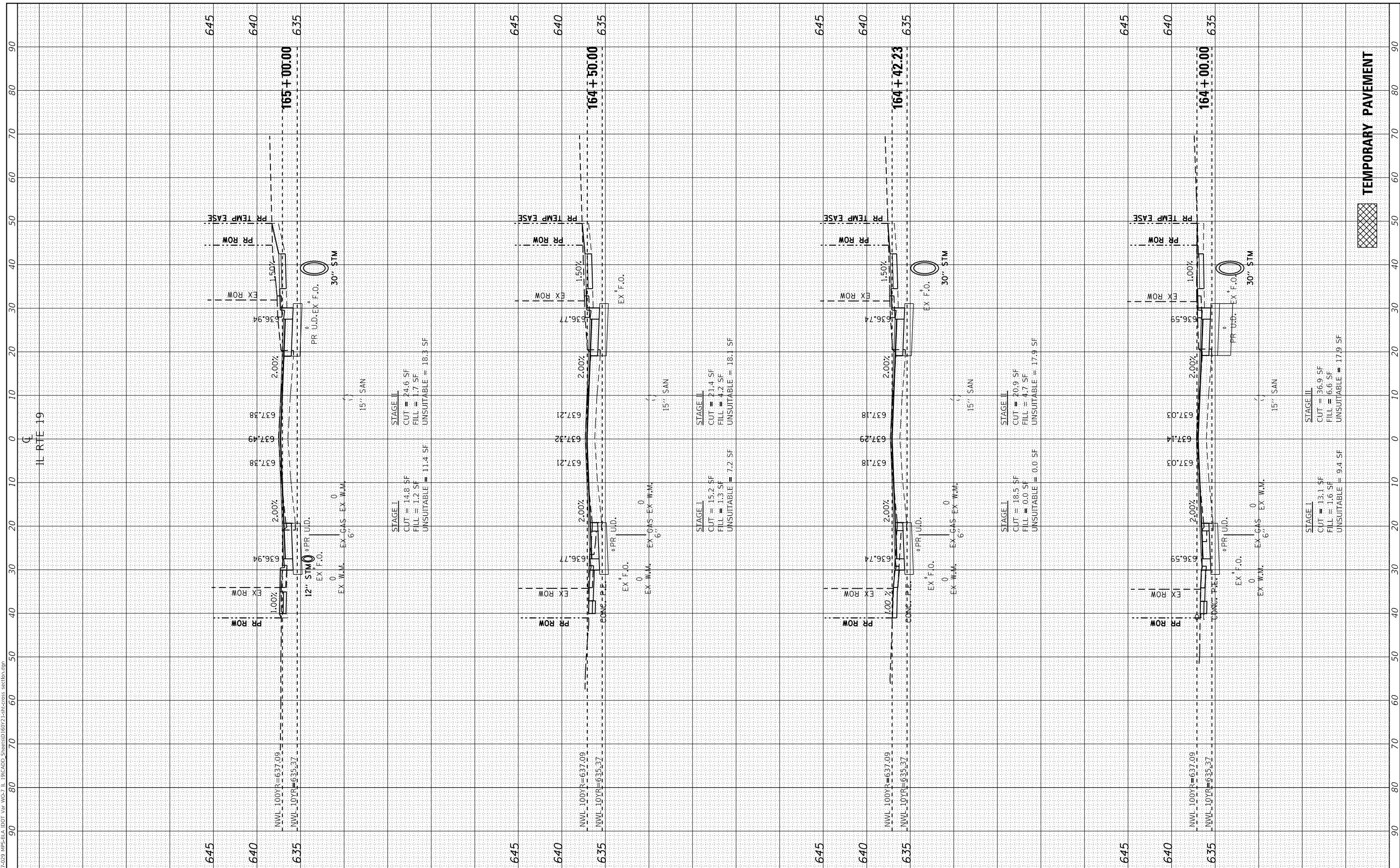
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DRAWN -	WJT
CHECKED -	MTC
DATE -	06/05/2020

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL RTE 19 AT JUDD AVENUE CROSS SECTIONS			
V: 1"=5'			
SCALE: H: 1"=10'	SHEET 7	OF 13 SHEETS	STA. 164+00.00 TO STA. 165+00.00

F.A.P. RTE. 345	SECTION 3058A-N(14)	COUNTY COOK	TOTAL SHEETS 106	SHEET NO. 100
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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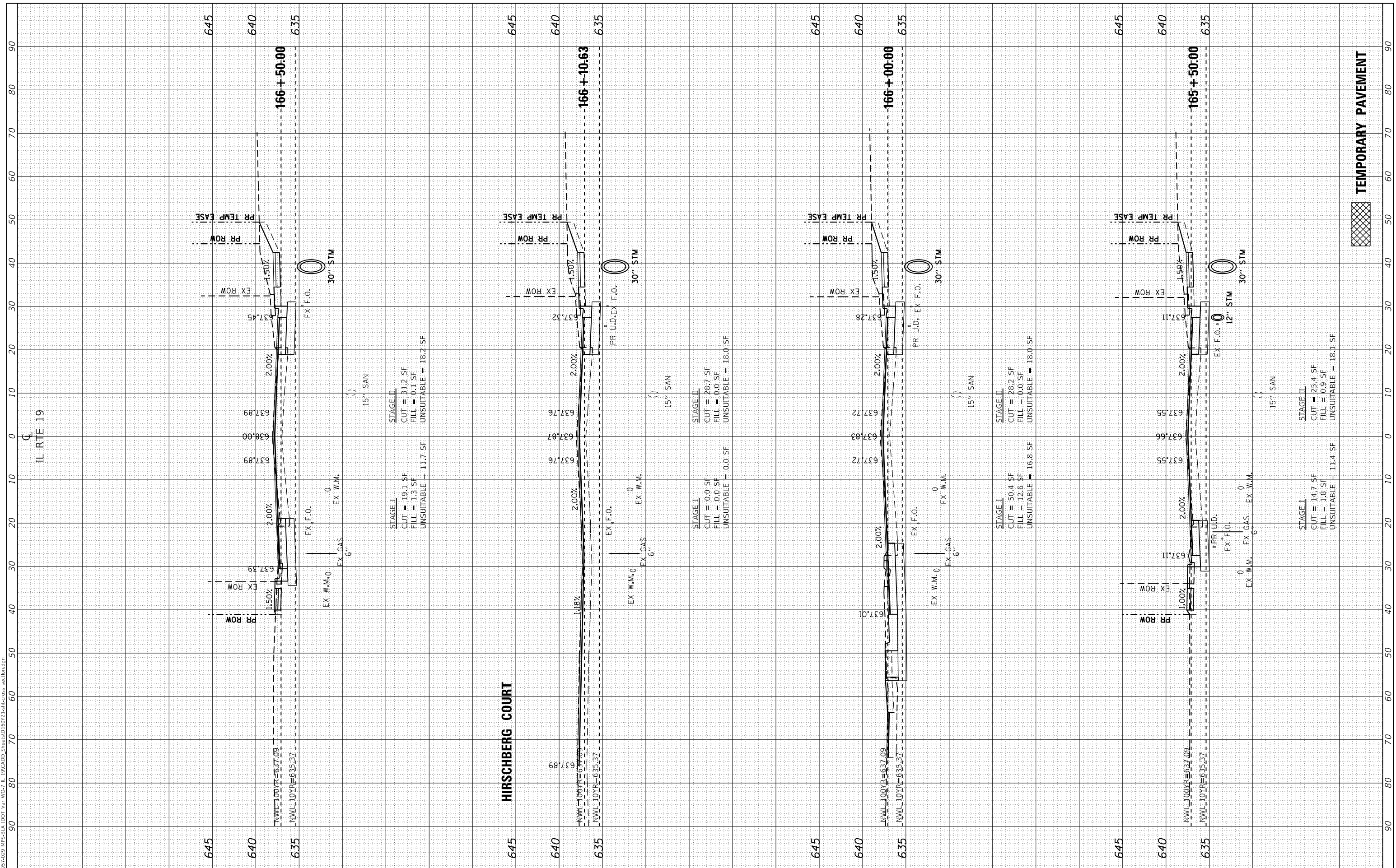
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PLOT DATE =	6/20/2020	DATE -	06/05/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 19 AT JUDD AVENUE
CROSS SECTIONS

V: 1"=5'
SCALE: H: 1"=10' SHEET 8 OF 13 SHEETS STA. 165+50.00 TO STA. 166+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	101
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				



TEMPORARY PAVEMENT

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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DATE -	06/05/2020

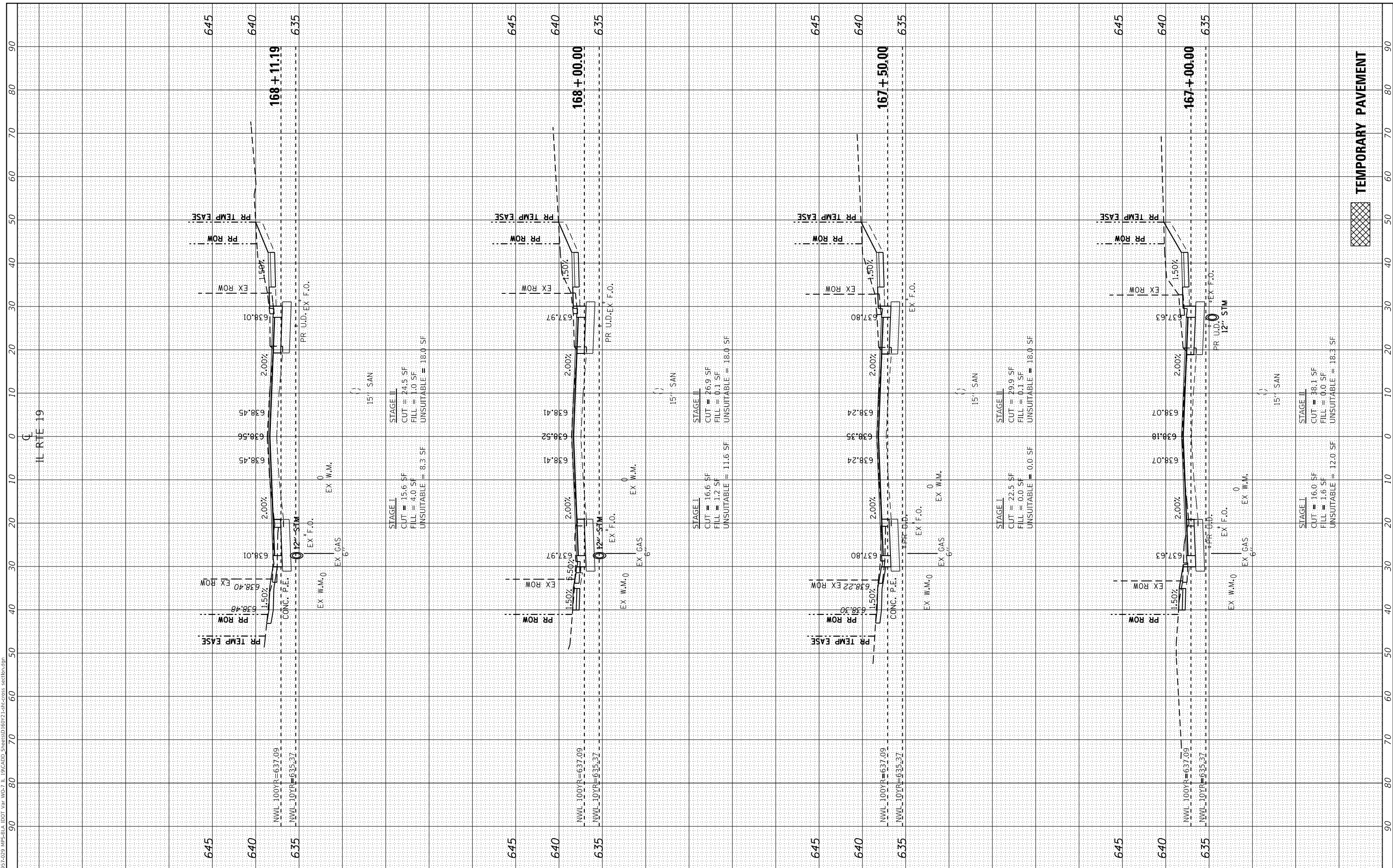
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL RTE 19 AT JUDD AVENUE
 CROSS SECTIONS

V: 1"=5'
 SCALE: H: 1"=10' SHEET 9 OF 13 SHEETS STA. 167+00.00 TO STA. 168+11.19

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A=N(14)	COOK	106	102
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				



TEMPORARY PAVEMENT



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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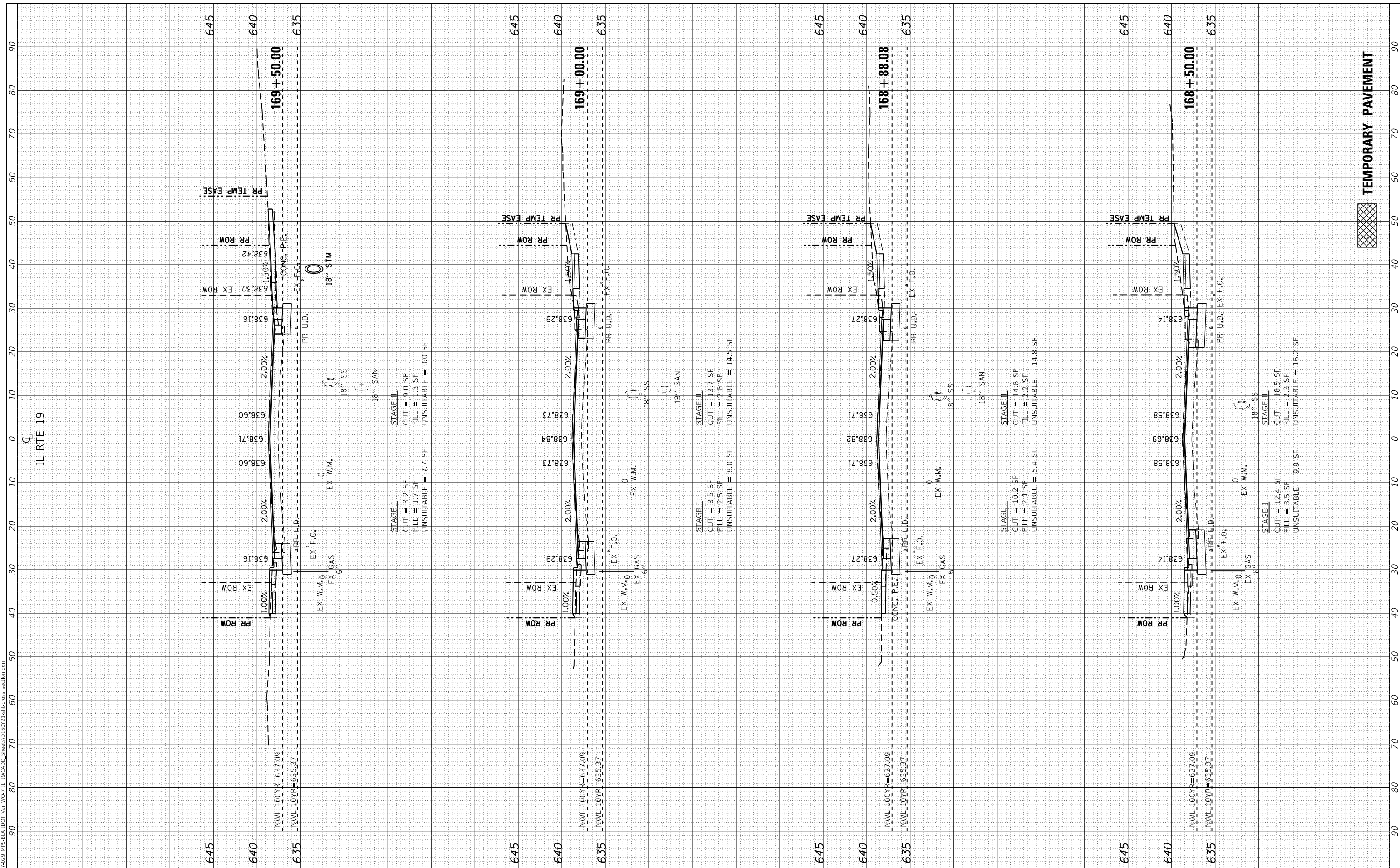
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PLOT DATE =	6/20/2020	CHECKED -	MTC
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL RTE 19 AT JUDD AVENUE CROSS SECTIONS			
V: 1"=5'			
SCALE: H: 1"=10'	SHEET 10	OF 13 SHEETS	STA. 168+50.00 TO STA. 169+50.00

F.A.P. RTE. 345	SECTION 3058A=N(14)	COUNTY COOK	TOTAL SHEETS 106	SHEET NO. 103
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y21	



TEMPORARY PAVEMENT



FINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

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CHECKED	- MTC
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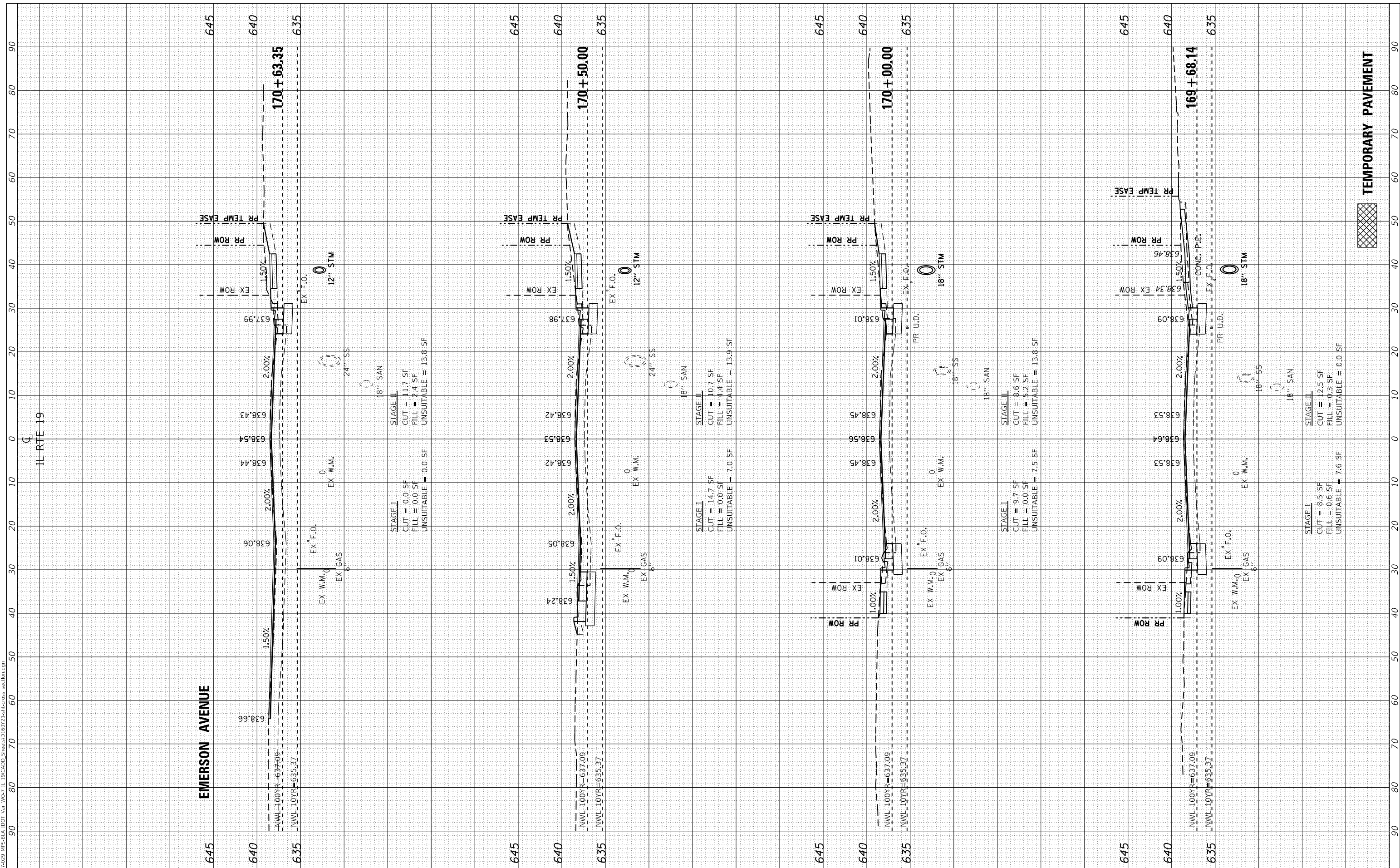
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 19 AT JUDD AVENUE
CROSS SECTIONS**

SCALE: H: 1"=10' SHEET 11 OF 13 SHEETS STA. 169+68.14 TO STA. 170+63.35

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A-N(14)	COOK	106	104
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				



TEMPORARY PAVEMENT

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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DATE -	06/05/2020

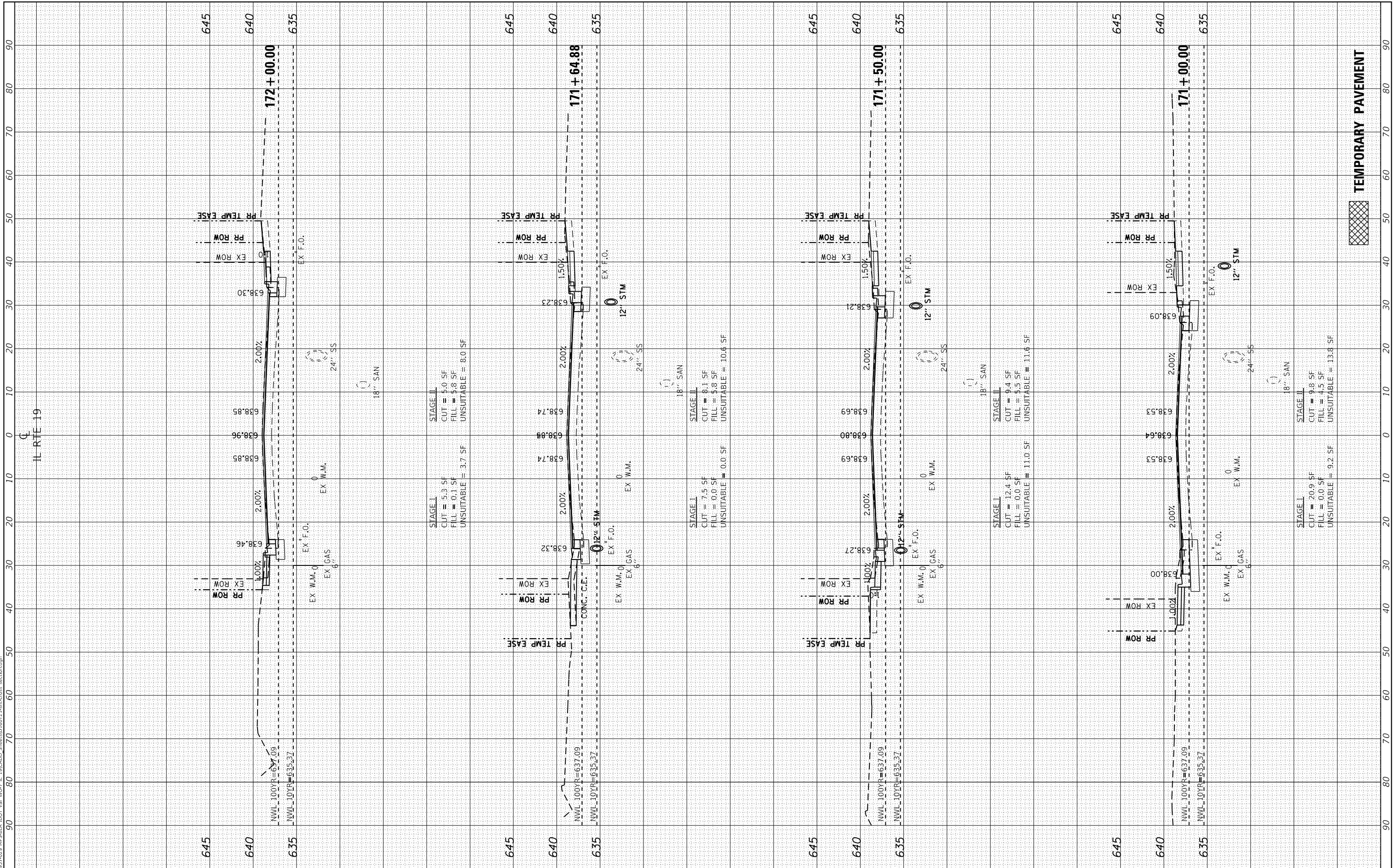
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 19 AT JUDD AVENUE
CROSS SECTIONS

V: 1"=5'
SCALE: H: 1"=10' SHEET 12 OF 13 SHEETS STA. 171+00.00 TO STA. 172+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A=N(14)	COOK	106	105
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				



TEMPORARY PAVEMENT



FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK	TEMPLATE		
AREAS CHECKED			

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK	TEMPLATE		
AREAS CHECKED			

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DATE -	06/05/2020

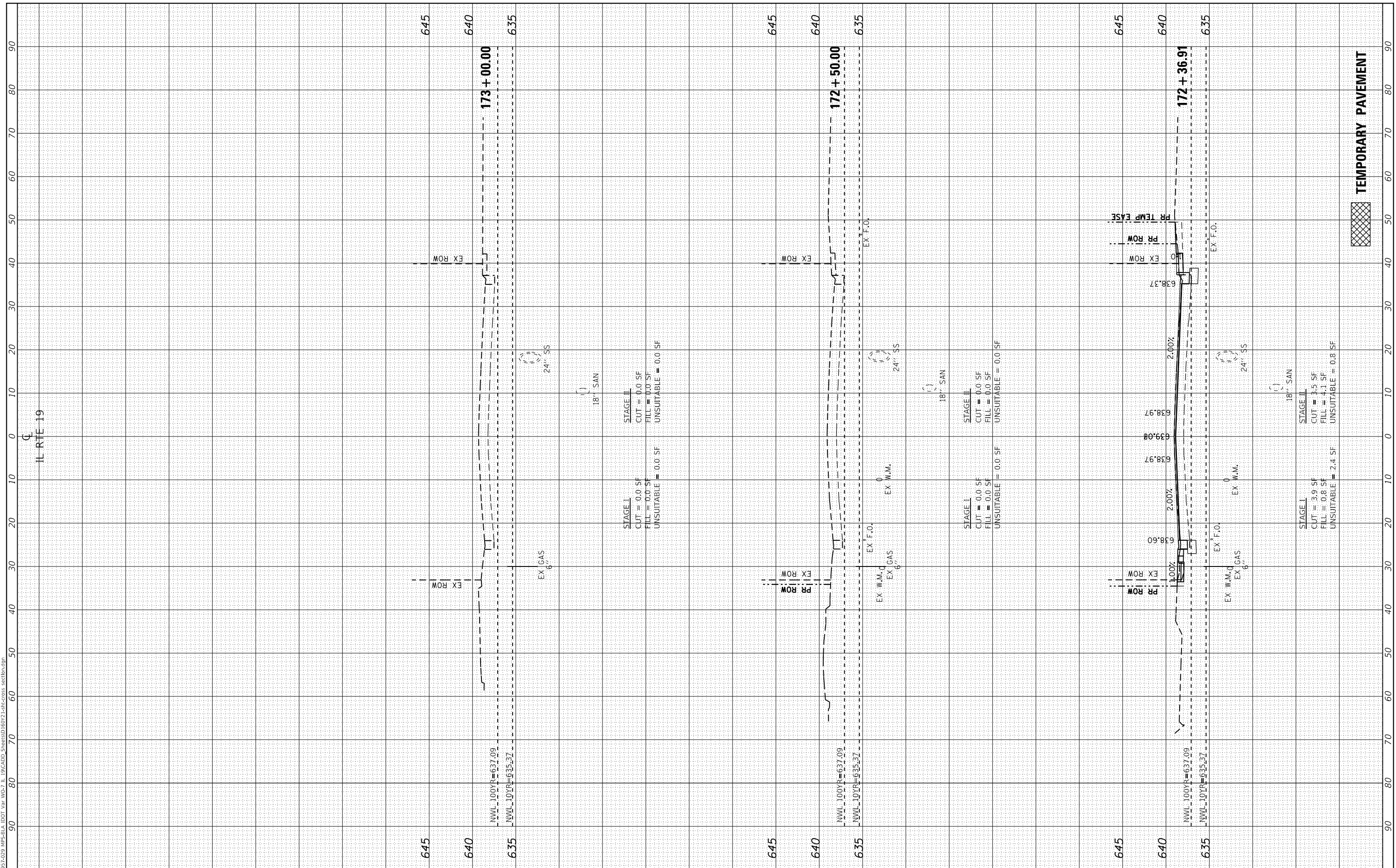
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL RTE 19 AT JUDD AVENUE
 CROSS SECTIONS**

V: 1"=5'
 SCALE: H: 1"=10' SHEET 13 OF 13 SHEETS STA. 172+36.91 TO STA. 173+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	3058A=N(14)	COOK	106	106
CONTRACT NO. 60Y21				
ILLINOIS FED. AID PROJECT				



TEMPORARY PAVEMENT

