

06-16-2023 LETTING ITEM 120

**SUBSURFACE UTILITY ENGINEERING (S.U.E.)
UTILIZED ON THIS PROJECT**
If SUE was used on the project to locate utilities
The District will provide the necessary information for the plans

FOR INDEX OF SHEETS, SEE SHEET NO. 2

**PROJECT IS LOCATED IN THE
VILLAGES OF ORLAND PARK
AND PALOS PARK**

TRAFFIC DATA
ADT:

IL RTE. 7, SOUTH OF 135th STREET = 14,800 (2019) 14,000 (2040)
IL RTE. 7, FROM 135th STREET TO 131st STREET = 14,800 (2019) 15,000 (2040)
IL RTE. 7, NORTH OF 131st STREET = 16,500 (2019) 18,000 (2040)
135th STREET = 8,350 (2019) 12,000 (2040)
131st STREET = 10,800 (2019) 15,000 (2040)

DESIGN SPEED:

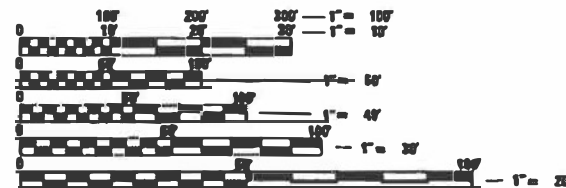
IL RTE. 7 = 50 MPH
135th STREET = 45 MPH
131st STREET = 45 MPH

POSTED SPEED LIMIT:

IL RTE. 7 = 45 MPH
135th STREET = 40 MPH
131st STREET = 40 MPH

DESIGN DESIGNATION:

IL RTE. 7 1622 (40) MINOR ARTERIAL (FD-20)
135th STREET 1258 (40) MINOR ARTERIAL (FD-20)
131st STREET 1307 (40) MAJOR COLLECTOR (FD-20)



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
1-800-493-0123
OR 811

PROJECT MANAGER: MATTHEW ROTHENBERG (847) 705-4230
PROJECT ENGINEER: FIRAS UDDIN (847) 705-4552

CONTRACT NO. 62H82

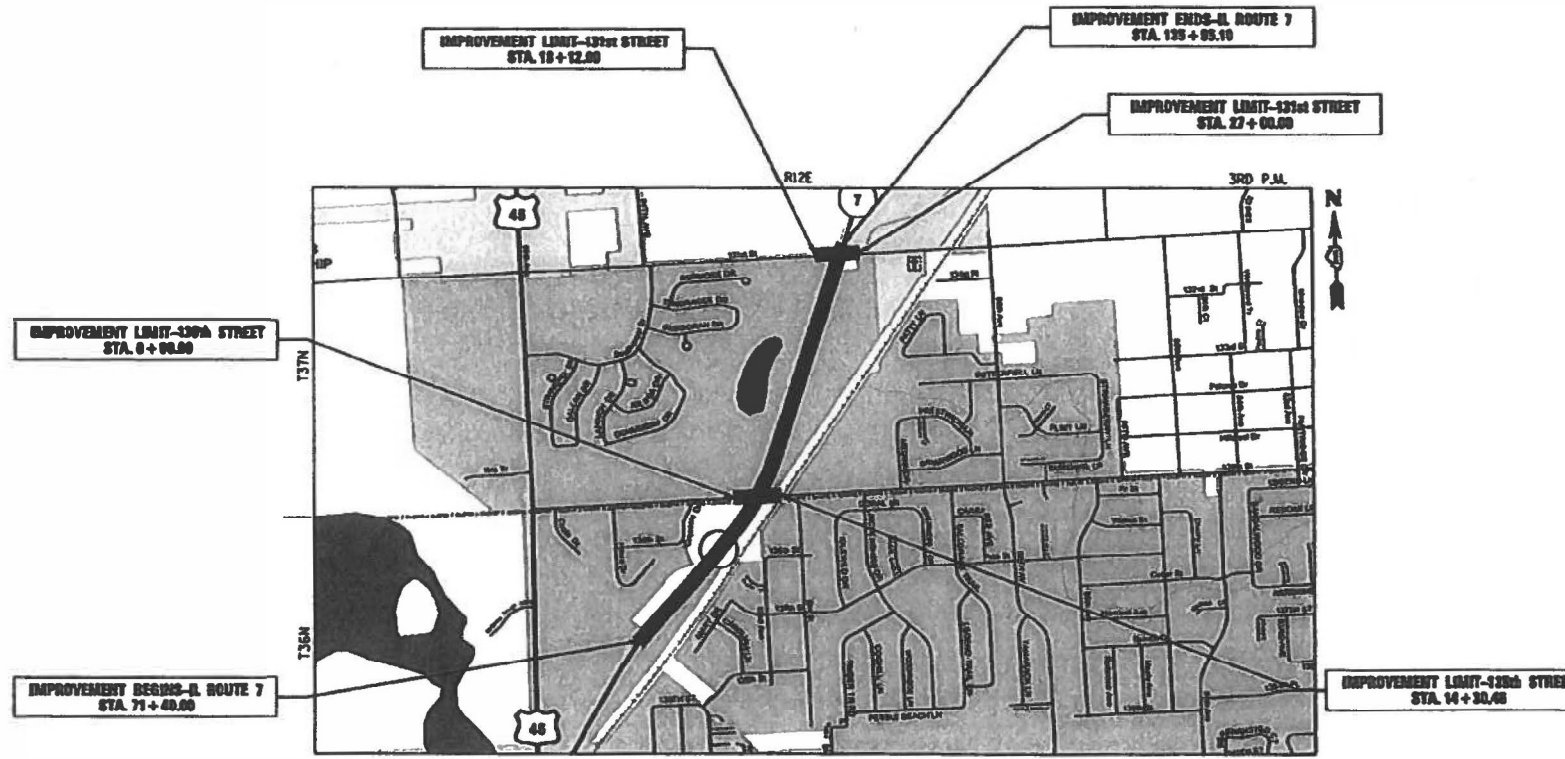
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED
HIGHWAY PLANS**

**FAU ROUTE 3578 (IL RTE. 7) SOUTHWEST HIGHWAY
FROM SOUTH OF 135th STREET TO 131st STREET
SECTION NO.: 2019-001-R
PROJECT NO.: COVD-STP-1IJQ(353)
DRAINAGE IMPROVEMENTS, ROADWAY RECONSTRUCTION
ADA IMPROVEMENTS AND TRAFFIC SIGNAL MODERNIZATION
COOK COUNTY
C-91-325-19**

F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	1
		ILLINOIS	CONTRACT NO. 62H82	

D-91-124-19



ORLAND AND PALOS TOWNSHIPS
SCALE: 1" = 1,000'
LOCATION MAP
GROSS & NET LENGTH OF PROJECT = 6,448 FT. = 1.22 MILES



LI ENGINEERING, LTD.
CONSULTING ENGINEERS
670 GARDENWAY LANE
WESTMOR, IL 60090
(708) 821-7000
Signature: *[Signature]*
DATE: 12-21-22
I.L. LICENSE NO. 002-00000
EXP. DATE: NOVEMBER 30, 2024
FIELD: STRUCTURAL ENGINEERING
(ARTS 140 TO 150)



GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
6035 N. NORTHWEST HIGHWAY, SUITE 300
CHICAGO, IL 60631
(773) 778-5017
Signature: *[Signature]*
DATE: 12-20-22
I.L. LICENSE NO. 002-00000
EXP. DATE: NOVEMBER 30, 2024
FIELD: TRAFFIC SIGNALS
(SHEETS 115 TO 140)



JAMES J. WENIG & ASSOCIATES
CONSULTING ENGINEERS
1071 WARRENDALE ROAD, SUITE 420
Lisle, IL 60532
(630) 350-9790
Signature: *[Signature]*
DATE: 12-21-22
I.L. LICENSE NO. 002-004327
EXP. DATE: NOVEMBER 30, 2023
FIELD: CIVIL ENGINEERING
(SHEETS 1 TO 114 AND 200 TO 250)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
SUBMITTED MARCH 23, 2023
[Signature]
May 12, 2023
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT
May 12, 2023
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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

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COMMITMENTS:

- CONTRACTOR SHALL COORDINATE WITH ENTERPRISE PRODUCTS PIPELINE COMPANY PRIOR TO COMMENCING EXCAVATION IN THE DETENTION BASIN SITE.

LIST OF STATE STANDARDS

STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
 TEMPORARY EROSION CONTROL SYSTEMS
 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
 CORNER PARALLEL CURB RAMPS FOR SIDEWALK
 CLASS C AND D PATCHES
 HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
 HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
 PRECAST REINFORCED CONCRETE FLARED END SECTION
 PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
 PIPE UNDERDRAIN
 CATCH BASIN, TYPE A
 INLET, TYPE A
 PRECAST MANHOLE TYPE A 4' (1.22m) DIAMETER
 PRECAST MANHOLE TYPE A 5' (1.52m) DIAMETER
 PRECAST MANHOLE TYPE A 6' (1.83m) DIAMETER
 PRECAST MANHOLE TYPE A 8' (2.44m) DIAMETER
 PRECAST MANHOLE TYPE A 10' (3.05m) DIAMETER
 PRECAST REINFORCED CONCRETE FLAT SLAB TOP MANHOLE STEPS
 FRAME AND LIDS TYPE 1
 GRATE TYPE 8
 FRAME AND GRATE TYPE 24
 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
 STEEL PLATE BEAM GUARDRAIL
 STRONG POST GUARDRAIL ATTACHED TO CULVERT
 LONG-SPAN GUARDRAIL OVER CULVERT
 OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
 OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS > 45 MPH
 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS < 40 MPH
 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
 URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
 URBAN LANE CLOSURE, MULTILANE INTERSECTION
 TRAFFIC CONTROL DEVICES
 SIGN PANEL MOUNTING DETAILS
 SIGN PANEL ERECTION DETAILS
 METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
 APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS AND MARKERS)
 TYPICAL PAVEMENT MARKINGS
 CONCRETE HANDHOLES
 DOUBLE HANDHOLES
 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
 UNINTERRUPTABLE POWER SUPPLY (UPS)
 TRAFFIC SIGNAL GROUNDING AND BONDING
 STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
 STEEL MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'
 CONCRETE FOUNDATION DETAILS
 SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
 TRAFFIC SIGNAL MOUNTING DETAILS
 DETECTOR LOOP INSTALLATIONS

GENERAL NOTES

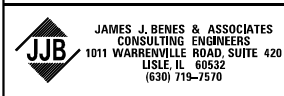
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THE PROJECT.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED.)
- THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH ALL UTILITY COMPANIES, THE VILLAGES OF ORLAND PARK AND PALOS PARK.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
- WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTION IN PREVENTING ADVERSE AFFECTS TO THE VISIBILITY OF THE MOTORING PUBLIC AS WELL AS THE ADJOINING RESIDENTIAL AREAS.
- TEN (10) FOOT LONG TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER, SHOULDER AND MEDIAN ITEMS OF WORK TO EXISTING CURB AND GUTTER AND MEDIAN, UNLESS OTHERWISE SHOWN ON THE PLANS. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
- ALL STORM SEWER CONNECTION TO EXISTING PIPES 27 INCHES DIAMETER AND SMALLER, WHERE NO MANHOLE IS PRESENT SHALL BE MADE WITH PRECAST "TEE" OR "WYE" SECTIONS INSERTED INTO THE EXISTING STORM SEWER AND SECURED WITH CONCRETE COLLARS, AS SHOWN ON CONSTRUCTION DETAIL SHEET BD-7. ALL STORM SEWER CONNECTIONS TO EXISTING PIPES LARGER THAN 27 INCHES DIAMETER, WHERE NO MANHOLE IS PRESENT, SHALL BE MADE BY CORING A HOLE IN THE EXISTING STORM SEWER AND SECURING THE LATERAL PIPE WITH A CONCRETE COLLAR, AS SHOWN ON CONSTRUCTION DETAIL SHEET BD-7. ALL STORM SEWER CONNECTIONS TO PROPOSED PIPES, WHERE NO MANHOLE IS PRESENT, SHALL BE MADE WITH PRECAST "TEE" OR "WYE" SECTIONS INSTALLED IN-LINE WITH THE PROPOSED STORM SEWER. PRECAST TEE AND WYE FITTINGS SHALL BE PAID FOR SEPARATELY AND THE IN-LINE LENGTH OF THE FITTING SHALL BE SUBTRACTED FROM THE LENGTH OF THE STORM SEWERS.
- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).
- BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- SAW CUTTING OF PAVEMENTS, SHOULDERS, ETC. SHALL BE TO FULL DEPTH AND SHALL RESULT IN CLEAN, STRAIGHT EDGE ON THE PORTION REMAINING. ALL SAW CUTTING SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM REMOVED.
- ON STATE STANDARD 482001 AGGREGATE SUBGRADE OF THE THICKNESS SPECIFIED SHALL BE USED AS THE IMPROVED SUBGRADE. THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE REQUIRED UNDER THE SHOULDER, AND UNDER THE COMBINATION CONCRETE CURB AND GUTTER SHALL BE INCLUDED IN THE COST PER SQUARE YARD OF "AGGREGATE SUBGRADE IMPROVEMENT 12".
- STATIONING FOR ALL DRAINAGE STRUCTURES IS GIVEN TO THE CENTER OF THE DRAINAGE STRUCTURE. OFFSETS FOR CURB LINE INLETS AND CATCH BASINS ARE GIVEN TO THE EDGE OF PAVEMENT. OFFSETS FOR ALL OTHER DRAINAGE STRUCTURES ARE GIVEN TO THE CENTER OF THE STRUCTURE. THE CONTRACTOR SHALL TAKE CARE TO ENSURE THAT ALL CURB LINE DRAINAGE STRUCTURES ARE PROPERLY ALIGNED WITH THE PROPOSED CURB AND GUTTER.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF ANY WORK.
- THE RESIDENT ENGINEER SHALL CONTACT PATRICE HARRIS, AREA TRAFFIC FIELD ENGINEER, AT PATRICE.HARRIS@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES AND RAISED REFLECTIVE PAVEMENT MARKERS IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.

- ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS, AND CAUSED BY THE CONTRACTOR'S NEGLIGENCE, SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
- DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS-RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" SHOWN IN THE PLANS.
- ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE PROJECT LIMITS SHALL BE PERFORMED BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE STANDARD SPECIFICATIONS AND STANDARD 601001. TOP OF PIPE UNDERDRAINS SHALL BE PLACED MINIMUM 6" BELOW THE AGGREGATE SUBGRADE IMPROVEMENT LAYER. THE COST OF MAKING PIPE UNDERDRAIN CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAINS.
- FOR WORK OUTSIDE THE LIMITS OF BRIDGE APPROACH PAVEMENT, ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB AND GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLAN.
- THIS PROJECT SHALL COMPLY WITH N.P.D.E.S. REGULATIONS. SEE EROSION AND SEDIMENT CONTROL PLAN FOR PROJECT SPECIFICATIONS.
- THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, 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 SHALL 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 IL.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 INCLUDED IN THE COST OF THE EROSION CONTROL ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- "WETLANDS NO INTRUSION" SIGNS WILL BE PROVIDED BY IDOT AND INSTALLED BY THE CONTRACTOR. THE CONTRACTOR WILL NEED TO CONTACT MELISSA DEL ROSARIO AT (847)-705-4391 TO OBTAIN THE SIGNS AND COORDINATE PLACEMENT OF THE SIGNS. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF TEMPORARY FENCE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE RESIDENT ENGINEER WILL CONTACT THE FOREST PRESERVE DISTRICT OF COOK COUNTY, MATTHEW GOMEZ AT (224)374-3887, PRIOR TO THE START OF CONSTRUCTION TO INFORM THEM OF THE INITIATION OF CONSTRUCTION ACTIVITIES NEAR THEIR PROPERTIES. THE CONTRACTOR SHOULD COORDINATE WITH THE FOREST PRESERVE WHEN THEY DO THEIR ANNUAL DRAW DOWN OF THE MCGINNIS SLOUGH.
- PHOSPHORUS FERTILIZER HAS BEEN INTENTIONALLY OMITTED FROM THE CONTRACT. A PHOSPHORUS-FREE FERTILIZER SHALL BE USED (MIDDLE NUMBER SHOULD EQUAL 0).
- IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COORDINATE WITH METRA WHENEVER CONSTRUCTION ACTIVITY IS WITHIN 25 FEET OF THE RAILROAD RIGHT-OF-WAY. THE CONTRACTOR SHALL SECURE A RAILROAD RIGHT-OF-ENTRY AGREEMENT AND RETAIN FLAGMEN EMPLOYED BY METRA TO MONITOR ON-COMING TRAIN TRAFFIC AND ADVISE CONTRACTOR PERSONNEL WHEN ACTIVITY ON OR NEAR THE RAILROAD RIGHT-OF-WAY MAY PROCEED.
- THE RESIDENT ENGINEER WILL CONTACT SOUTH PALOS SANITARY DISTRICT, JEFF DULEY AT CLERK@SOUTH PALOS.COM (708)940-1235, PRIOR TO THE START OF CONSTRUCTION TO INFORM THEM OF THE INITIATION OF CONSTRUCTION ACTIVITIES NEAR THEIR PROPERTIES.
- THE CONTRACTOR SHALL CONTACT ALEX JEZIERSKI AT ALEXANDER.JEZIERSKI@COOKCOUNTYIL.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE DETOUR IMPLEMENTATION.

 JAMES J. BENES & ASSOCIATES CONSULTING ENGINEERS 1011 WARRENVILLE ROAD, SUITE 420 LESLIE, IL 60532 (630) 719-7570	USER NAME = *USER*	DESIGNED - BLG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, INDEX OF SHEETS AND STATE STANDARDS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = *SCALE*	CHECKED - BLG	REVISED -		3578	2019-001-R	COOK	255	2				
	PLOT DATE = *DATE*	DATE - 12/09/2022	REVISED -		CONTRACT NO. 62H82								
												ILLINOIS FED. AID PROJECT	

* - DENOTES SPECIALTY ITEMS

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION TYPE CODES													
				ROADWAY	ROADWAY	TRAFFIC SIGNALS IL ROUTE 7 @ 135TH STREET	TRAFFIC SIGNALS IL ROUTE 7 @ 131ST STREET	TRAFFIC SIGNAL INTERCONNECT	IL ROUTE 7 PRE-EMPTION EQUIPMENT	IL ROUTE 7 PRE-EMPTION EQUIPMENT	SHARED USE PATH	SIDEWALK	SIDEWALK	UTILITIES			
				100% FED (Covid) 0004	STP-U 80% FED 20% STATE 0004	100% FED (Covid) 0021	STP-U 80% FED 15% STATE 5% ORLAND PARK 0021	100% FED (Covid) 0021	100% ORLAND FPD 0021	100% PALOS FPD 0021	100% FED (Covid) 0028	100% FED (Covid) 0021	100% FED (Covid) 0021	100% ORLAND PARK 0043			
20101000	TEMPORARY FENCE	FOOT	296	296													
* 20101100	TREE TRUNK PROTECTION	EACH	10	10													
* 20101200	TREE ROOT PRUNING	EACH	10	10													
* 20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	10	10													
* 20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	10	10													
20200100	EARTH EXCAVATION	CU YD	95,690		95,690												
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	35,138	35,138													
20400800	FURNISHED EXCAVATION	CU YD	12,305	12,305													
20700220	POROUS GRANULAR EMBANKMENT	CU YD	1,610	1,610													
20800150	TRENCH BACKFILL	CU YD	3,779	3,779													
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SO YD	13,942	13,942													
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	5,033	5,033													
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	65,342	65,342													
* 25000210	SEEDING, CLASS 2A	ACRE	2.00	2.00													
* 25000314	SEEDING, CLASS 4B	ACRE	4.31	4.31													
* 25000322	SEEDING, CLASS 5A	ACRE	0.98	0.98													
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,738	1,738													
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1,738	1,738													
25000750	MOWING	ACRE	0.94	0.94													



USER NAME = Dmar.Mesad	DESIGNED -	REVISED -
	DRAWN - OJM	REVISED -
PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -
PLOT DATE = 2/28/2023	DATE - 02/07/2023	REVISED -

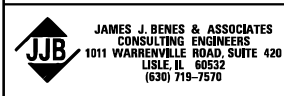
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: N/A	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	3
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				

* - DENOTES SPECIALTY ITEMS

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION TYPE CODES											
				ROADWAY	ROADWAY	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNAL	IL ROUTE 7	IL ROUTE 7	SHARED USE PATH	SIDEWALK	SIDEWALK	UTILITIES	
				100% FED (Covid)	STP-U 80% FED 20% STATE	IL ROUTE 7 @ 135TH STREET	IL ROUTE 7 @ 131ST STREET	INTERCONNECT	PRE-EMPTION EQUIPMENT	PRE-EMPTION EQUIPMENT					
				0004	0004	0021	0021	0021	0021	0021	0021	0028	0021	0021	0043
* 25003210	INTERSEEDING, CLASS 2A	ACRE	0.07	0.07											
* 25003310	INTERSEEDING, CLASS 4	ACRE	1.09	1.09											
* 25003324	INTERSEEDING, CLASS 5B	ACRE	0.28	0.28											
* 25100900	TURF REINFORCEMENT MAT	SQ YD	1,128	1,128											
* 25200110	SODDING, SALT TOLERANT	SQ YD	3,666	3,666											
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1,931	1,931											
* 28000400	PERIMETER EROSION BARRIER	FOOT	3,822	3,822											
* 28000500	INLET AND PIPE PROTECTION	EACH	20	20											
* 28000510	INLET FILTERS	EACH	44	44											
28100105	STONE RIPRAP CLASS A3	SQ YD	117	117											
28100107	STONE RIPRAP CLASS A4	SQ YD	524	524											
* 28200200	FILTER FABRIC	SQ YD	461	461											
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	6,312	6,312											
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	25,983	25,983											
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	1,993	1,993											
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	2,373									2,373			
35400300	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 8"	SQ YD	9	9											
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	18,249	18,249											
35501324	HOT-MIX ASPHALT BASE COURSE, 10"	SQ YD	2,542	2,542											



USER NAME = Dmar.Mesad	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / 1in.	DRAWN - OJM	REVISED -
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	DATE - 02/07/2023	REVISED -

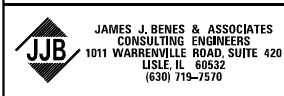
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: N/A	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	4
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				

* - DENOTES SPECIALTY ITEMS

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION TYPE CODES													
				ROADWAY	ROADWAY	TRAFFIC SIGNALS IL ROUTE 7 @ 135TH STREET	TRAFFIC SIGNALS IL ROUTE 7 @ 131ST STREET	TRAFFIC SIGNAL INTERCONNECT	IL ROUTE 7 PRE-EMPTION EQUIPMENT	IL ROUTE 7 PRE-EMPTION EQUIPMENT	SHARED USE PATH	SIDEWALK	SIDEWALK	UTILITIES			
				100% FED (Covid) 0004	STP-U 80% FED 20% STATE 0004	100% FED (Covid) 0021	STP-U 80% FED 15% STATE 5% ORLAND PARK 0021	100% FED (Covid) 0021	100% ORLAND FPD 0021	100% PALOS FPD 0021	100% FED (Covid) 0028	100% FED (Covid) 0021	100% FED (Covid) 0021	100% ORLAND PARK 0043			
35600708	HOT-MIX ASPHALT BASE COURSE WIDENING, 8"	SO YD	125	125													
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	5,279									5,279					
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	11,087	11,087													
40600370	LONGITUDINAL JOINT SEALANT	FOOT	10,991	10,991													
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	50	50													
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	52	52													
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	177	177													
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	263									263					
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	2,759	2,759													
42001300	PROTECTIVE COAT	SO YD	2,685	2,511										153	21		
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	1,559										1,373	186			
42400800	DETECTABLE WARNINGS	SO FT	97										73	24			
44000100	PAVEMENT REMOVAL	SO YD	21,415	21,415													
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SO YD	3,782	3,782													
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	2,320	2,320													
44000300	CURB REMOVAL	FOOT	22	22													
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,121	1,121													
44000600	SIDEWALK REMOVAL	SO FT	1,096	1,096													
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SO YD	95	95													



USER NAME = Dmar.Mesad
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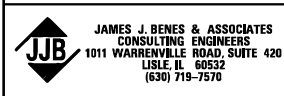
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES
 SCALE: N/A SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	5
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				

* - DENOTES SPECIALTY ITEMS

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES													
				URBAN	ROADWAY	ROADWAY	TRAFFIC SIGNALS IL ROUTE 7 @ 135TH STREET	TRAFFIC SIGNALS IL ROUTE 7 @ 131ST STREET	TRAFFIC SIGNAL INTERCONNECT	IL ROUTE 7 PRE-EMPTION EQUIPMENT	IL ROUTE 7 PRE-EMPTION EQUIPMENT	SHARED USE PATH	SIDEWALK	SIDEWALK	UTILITIES		
					100% FED (Covid) 0004	80% FED 20% STATE STP-U 0004	100% FED (Covid) 0021	5% ORLAND PARK STP-U 80% FED 15% STATE 0021	100% FED (Covid) 0021	100% ORLAND FPD 0021	100% PALOS FPD 0021	100% FED (Covid) 0028	100% FED (Covid) 0021	100% FED (Covid) 0021	100% ORLAND PARK 0043		
50800105	REINFORCEMENT BARS	POUND	105,280		105,280												
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	5,280		5,280												
50800515	BAR SPLICERS	EACH	136		136												
* 51200105	FURNISHING UNTREATED PILES UP TO 30 FEET	FOOT	2,938		2,938												
* 51202305	DRIVING PILES	FOOT	2,938		2,938												
* 51202900	TEST PILE TIMBER	EACH	1		1												
* 51500100	NAME PLATES	EACH	6		6												
* 52200020	TEMPORARY SOIL RETENTION SYSTEM	SO FT	5,402		5,402												
* 52200100	FURNISHING SOLDIER PILES (HP SECTION)	FOOT	1,189		1,189												
* 52200150	DRIVING SOLDIER PILES	FOOT	1,189		1,189												
* 52200250	UNTREATED TIMBER LAGGING	SO FT	1,128		1,128												
52200900	CONCRETE STRUCTURES (RETAINING WALL)	CU YD	67.8		67.8												
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	1		1												
54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	2		2												
54001004	BOX CULVERT END SECTIONS, CULVERT NO. 4	EACH	2		2												
54003000	CONCRETE BOX CULVERTS	CU YD	483.0		483.0												
54010404	PRECAST CONCRETE BOX CULVERTS 4' X 4'	FOOT	49		49												
54010806	PRECAST CONCRETE BOX CULVERTS 8' X 6'	FOOT	113		113												
54011208	PRECAST CONCRETE BOX CULVERTS 12' X 8'	FOOT	45		45												



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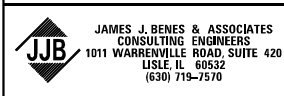
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: N/A	SHEET NO. OF SHEETS	STA. TO STA.	

F.A.U. RTE. 3578	SECTION 2019-001-R	COUNTY COOK	TOTAL SHEETS 255	SHEET NO. 7
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				

* - DENOTES SPECIALTY ITEMS

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION TYPE CODES													
				ROADWAY	ROADWAY	TRAFFIC SIGNALS IL ROUTE 7 @ 135TH STREET	TRAFFIC SIGNALS IL ROUTE 7 @ 131ST STREET	TRAFFIC SIGNAL INTERCONNECT	IL ROUTE 7 PRE-EMPTION EQUIPMENT	IL ROUTE 7 PRE-EMPTION EQUIPMENT	SHARED USE PATH	SIDEWALK	SIDEWALK	UTILITIES			
				100% FED (Covid) 0004	STP-U 80% FED 20% STATE 0004	100% FED (Covid) 0021	STP-U 80% FED 15% STATE 5% ORLAND PARK 0021	100% FED (Covid) 0021	100% ORLAND FPD 0021	100% PALOS FPD 0021	100% FED (Covid) 0028	100% FED (Covid) 0021	100% FED (Covid) 0021	100% ORLAND PARK 0043			
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	10	10													
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	3	3													
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2	2													
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	1	1													
54213693	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 48"	EACH	6	6													
54213705	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 60"	EACH	2	2													
54213717	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 72"	EACH	4	4													
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	351	351													
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	122	122													
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	35	35													
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	140	140													
550A0210	STORM SEWERS, CLASS A, TYPE 1 60"	FOOT	375	375													
550A0230	STORM SEWERS, CLASS A, TYPE 1 72"	FOOT	1,137	1,137													
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	358	358													
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	5	5													
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	34	34													
550A0420	STORM SEWERS, CLASS A, TYPE 2 27"	FOOT	193	193													
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	90	90													
550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	FOOT	753	753													



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

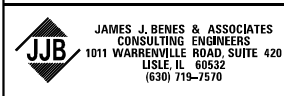
SUMMARY OF QUANTITIES

SCALE: N/A SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	8
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				

* - DENOTES SPECIALTY ITEMS

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES														
				URBAN	ROADWAY	ROADWAY	TRAFFIC SIGNALS IL ROUTE 7 @ 135TH STREET	TRAFFIC SIGNALS IL ROUTE 7 @ 131ST STREET	TRAFFIC SIGNAL INTERCONNECT	IL ROUTE 7 PRE-EMPTION EQUIPMENT	IL ROUTE 7 PRE-EMPTION EQUIPMENT	SHARED USE PATH	SIDEWALK	SIDEWALK	UTILITIES			
					100% FED (Covid) 0004	80% FED 20% STATE 0004	100% FED (Covid) 0021	5% ORLAND PARK STP-U 80% FED 15% STATE 0021	100% FED (Covid) 0021	100% ORLAND FPD 0021	100% PALOS FPD 0021	100% FED (Covid) 0028	100% FED (Covid) 0021	100% FED (Covid) 0021	100% ORLAND PARK 0043			
550A0500	STORM SEWERS, CLASS A, TYPE 2 60"	FOOT	85		85													
550A0520	STORM SEWERS, CLASS A, TYPE 2 72"	FOOT	1,481		1,481													
55100500	STORM SEWER REMOVAL 12"	FOOT	265		265													
55100700	STORM SEWER REMOVAL 15"	FOOT	297		297													
55101200	STORM SEWER REMOVAL 24"	FOOT	260		260													
55101600	STORM SEWER REMOVAL 36"	FOOT	179		179													
55101900	STORM SEWER REMOVAL 48"	FOOT	865		865													
55102100	STORM SEWER REMOVAL 60"	FOOT	580		580													
* 56103300	DUCTILE IRON WATER MAIN 12"	FOOT	584															584
* 56105702	INSERTING VALVES 12"	EACH	2															2
* 56400100	FIRE HYDRANTS TO BE MOVED	EACH	1															1
* 56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	1															1
* 56400500	FIRE HYDRANTS TO BE REMOVED	EACH	1															1
* 56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	1															1
58700300	CONCRETE SEALER	SO FT	2,389		2,389													
* 59100100	GEOCOMPOSITE WALL DRAIN	SO YD	770		770													
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	210		210													
60146304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	375		375													
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE B GRATE	EACH	6		6													



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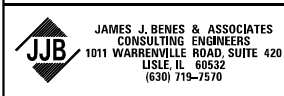
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: N/A	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE. 3578	SECTION 2019-001-R	COUNTY COOK	TOTAL SHEETS 255	SHEET NO. 9
CONTRACT NO. 62H82				ILLINOIS FED. AID PROJECT

* - DENOTES SPECIALTY ITEMS

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES											
				URBAN	ROADWAY	ROADWAY	TRAFFIC SIGNALS IL ROUTE 7 @ 135TH STREET	TRAFFIC SIGNALS IL ROUTE 7 @ 131ST STREET	TRAFFIC SIGNAL INTERCONNECT	IL ROUTE 7 PRE-EMPTION EQUIPMENT	IL ROUTE 7 PRE-EMPTION EQUIPMENT	SHARED USE PATH	SIDEWALK	SIDEWALK	UTILITIES
				STP-U	STP-U	STP-U	STP-U	STP-U	STP-U	STP-U	STP-U	STP-U	STP-U	STP-U	STP-U
				100% FED (Covid) 0004	80% FED 20% STATE 0004	100% FED (Covid) 0021	5% ORLAND PARK 0021	100% FED (Covid) 0021	100% ORLAND FPD 0021	100% PALOS FPD 0021	100% FED (Covid) 0028	100% FED (Covid) 0021	100% FED (Covid) 0021	100% ORLAND PARK 0043	
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	21		21										
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		1										
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	2		2										
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2		2										
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3		3										
60224459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2		2										
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	8		8										
* 60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3												3
60255500	MANHOLES TO BE ADJUSTED	EACH	2		2										
* 60265700	VALVE VAULTS TO BE ADJUSTED	EACH	4												4
* 60266600	VALVE BOXES TO BE ADJUSTED	EACH	1												1
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	21		21										
60500040	REMOVING MANHOLES	EACH	4		4										
60500060	REMOVING INLETS	EACH	2		2										
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	6		6										
60600605	CONCRETE CURB, TYPE B	FOOT	111		111										
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	983		983										
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	6,842		6,842										
60801018	FLAP GATE 18"	EACH	1		1										



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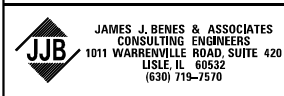
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: N/A	SHEET NO. OF SHEETS	STA. TO STA.	

F.A.U. RTE. 3578	SECTION 2019-001-R	COUNTY COOK	TOTAL SHEETS 255	SHEET NO. 10
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				

* - DENOTES SPECIALTY ITEMS

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES													
				URBAN		ROADWAY	ROADWAY	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNAL	IL ROUTE 7	IL ROUTE 7	SHARED USE PATH	SIDEWALK	SIDEWALK	UTILITIES	
				100% FED (Covid)	80% FED 20% STATE	STP-U	STP-U	INTERCONNECT	PRE-EMPTION EQUIPMENT	PRE-EMPTION EQUIPMENT	0028	0021	0021	0043			
60905305	BOX CULVERTS TO BE CLEANED	FOOT	55	55													
63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	4,892	4,892													
63000030	STRONG POST GUARDRAIL ATTACHED TO CULVERT	FOOT	32	32													
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	FOOT	50	50													
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	FOOT	38	38													
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	12	12													
63200310	GUARDRAIL REMOVAL	FOOT	2,075	2,075													
63500105	DELINEATORS	EACH	4	4													
63500310	REMOVE AND REINSTALL DELINEATORS	EACH	13	13													
66400305	CHAIN LINK FENCE, 6'	FOOT	403	403													
66900105	UNDERGROUND STORAGE TANK REMOVAL	EACH	1	1													
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	42,110		42,110												
66900530	SOIL DISPOSAL ANALYSIS	EACH	6	6													
66901000	BACKFILL PLUGS	CU YD	39	39													
66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1													
66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1													
66901006	REGULATED SUBSTANCES MONITORING	CAL DA	50	50													
67100100	MOBILIZATION	L SUM	1	1													
67201000	SEALING ABANDONED WATER WELLS	EACH	1	1													



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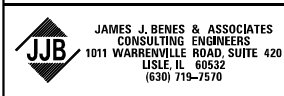
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: N/A	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	11
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				

* - DENOTES SPECIALTY ITEMS

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES													
				URBAN	ROADWAY	ROADWAY	TRAFFIC SIGNALS IL ROUTE 7 @ 135TH STREET	TRAFFIC SIGNALS IL ROUTE 7 @ 131ST STREET	TRAFFIC SIGNAL INTERCONNECT	IL ROUTE 7 PRE-EMPTION EQUIPMENT	IL ROUTE 7 PRE-EMPTION EQUIPMENT	SHARED USE PATH	SIDEWALK	SIDEWALK	UTILITIES		
					100% FED (Covid) 0004	80% FED 20% STATE 0004	100% FED (Covid) 0021	STP-U 80% FED 15% STATE 5% ORLAND PARK 0021	100% FED (Covid) 0021	100% ORLAND FPD 0021	100% PALOS FPD 0021	100% FED (Covid) 0028	100% FED (Covid) 0021	100% FED (Covid) 0021	100% ORLAND PARK 0043		
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	1,080	1,080													
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	19,697	19,697													
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SO FT	505	505													
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	41,713	41,713													
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	2,233	2,233													
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	1,044	1,044													
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	491	491													
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	6,285	6,285													
70307130	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	101	101													
70400100	TEMPORARY CONCRETE BARRIER	FOOT	3,907	3,907													
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	8	8													
* 72000100	SIGN PANEL - TYPE 1	SO FT	126	81			33	12									
* 72000200	SIGN PANEL - TYPE 2	SO FT	42				21	21									
* 72900200	METAL POST - TYPE B	FOOT	190	190													
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	728	728													
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	22,381	22,381													
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	3,674	3,674													
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	157	157													
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	269	269													



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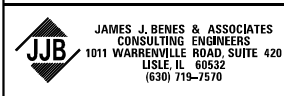
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: N/A	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE. 3578	SECTION 2019-001-R	COUNTY COOK	TOTAL SHEETS 255	SHEET NO. 12
CONTRACT NO. 62H82				ILLINOIS FED. AID PROJECT

* - DENOTES SPECIALTY ITEMS

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES														
				URBAN	ROADWAY	ROADWAY	TRAFFIC SIGNALS IL ROUTE 7 @ 135TH STREET	TRAFFIC SIGNALS IL ROUTE 7 @ 131ST STREET	TRAFFIC SIGNAL INTERCONNECT	IL ROUTE 7 PRE-EMPTION EQUIPMENT	IL ROUTE 7 PRE-EMPTION EQUIPMENT	SHARED USE PATH	SIDEWALK	SIDEWALK	UTILITIES			
					100% FED (Covid) 0004	80% FED 20% STATE 0004	100% FED (Covid) 0021	STP-U 80% FED 15% STATE 0021	5% ORLAND PARK 0021	100% FED (Covid) 0021	100% ORLAND FPD 0021	100% PALOS FPD 0021	100% FED (Covid) 0028	100% FED (Covid) 0021	100% FED (Covid) 0021	100% ORLAND PARK 0043		
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	109		109													
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	636		636													
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	900		900													
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	202		202													
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	155		155													
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	129		129													
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	285		285													
78100200	TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	EACH	111		111													
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	48		48													
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SO FT	5,131		5,131													
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	4,161				978	690	2,493									
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	334				178	156										
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	1,122				567	555										
* 81400100	HANDHOLE	EACH	12				4	4	4									
* 81400200	HEAVY-DUTY HANDHOLE	EACH	6				3	3										
* 81400300	DOUBLE HANDHOLE	EACH	4				2	2										
* 86400100	TRANSCEIVER • FIBER OPTIC	EACH	2				1	1										
* 87300925	ELECTRIC CABLE IN CONDUIT , TRACER NO. 14 1C	FOOT	2,959						2,959									
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,219				247	972										



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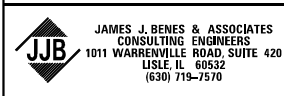
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: N/A	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE. 3578	SECTION 2019-001-R	COUNTY COOK	TOTAL SHEETS 255	SHEET NO. 13
CONTRACT NO. 62H82				ILLINOIS FED. AID PROJECT

* - DENOTES SPECIALTY ITEMS

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES												
				URBAN	ROADWAY	ROADWAY	TRAFFIC SIGNALS IL ROUTE 7 @ 135TH STREET	TRAFFIC SIGNALS IL ROUTE 7 @ 131ST STREET	TRAFFIC SIGNAL INTERCONNECT	IL ROUTE 7 PRE-EMPTION EQUIPMENT	IL ROUTE 7 PRE-EMPTION EQUIPMENT	SHARED USE PATH	SIDEWALK	SIDEWALK	UTILITIES	
					100% FED (Covid) 0004	STP-U 80% FED 20% STATE 0004	100% FED (Covid) 0021	STP-U 80% FED 15% STATE 5% ORLAND PARK 0021	100% FED (Covid) 0021	100% ORLAND FPD 0021	100% PALOS FPD 0021	100% FED (Covid) 0028	100% FED (Covid) 0021	100% FED (Covid) 0021	100% ORLAND PARK 0043	
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,964				621	1,343								
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,990				1,141	849								
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	5,278				2,755	2,523								
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2,563				1,252	1,311								
87301750	ELECTRIC CABLE IN CONDUIT, RAILROAD, NO. 14 3C	FOOT	369				369									
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	278				141	137								
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	2,190				1,200	990								
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	7				3	4								
* 87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	3				2	1								
87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	3				1	2								
87700250	STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	1					1								
87700270	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1				1									
87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1				1									
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	36				16	20								
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	8				4	4								
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	81.0				40.5	40.5								
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	41				28	13								
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	5				3	2								
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4				2	2								



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

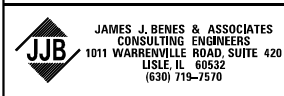
SUMMARY OF QUANTITIES			
SCALE: N/A	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE. 3578	SECTION 2019-001-R	COUNTY COOK	TOTAL SHEETS 255	SHEET NO. 14
ILLINOIS FED. AID PROJECT				CONTRACT NO. 62H82

* - DENOTES SPECIALTY ITEMS

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES													
				URBAN		ROADWAY	ROADWAY	TRAFFIC SIGNALS IL ROUTE 7 @ 135TH STREET	TRAFFIC SIGNALS IL ROUTE 7 @ 131ST STREET	TRAFFIC SIGNAL INTERCONNECT	IL ROUTE 7 PRE-EMPTION EQUIPMENT	IL ROUTE 7 PRE-EMPTION EQUIPMENT	SHARED USE PATH	SIDEWALK	SIDEWALK	UTILITIES	
				100% FED (Covid) 0004	80% FED 20% STATE 0004	100% FED (Covid) 0021	STP-U 80% FED 15% STATE 5% ORLAND PARK 0021	100% FED (Covid) 0021	100% ORLAND FPD 0021	100% PALOS FPD 0021	100% FED (Covid) 0028	100% FED (Covid) 0021	100% FED (Covid) 0021	100% ORLAND PARK 0043			
88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	11			5	6										
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	13			7	6										
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	6			2	4										
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	18			10	8										
88500100	INDUCTIVE LOOP DETECTOR	EACH	8			4	4										
88600100	DETECTOR LOOP, TYPE I	FOOT	566			285	281										
88700200	LIGHT DETECTOR	EACH	4						2	2							
88700300	LIGHT DETECTOR AMPLIFIER	EACH	2						1	1							
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2			1	1										
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2			1	1										
89502380	REMOVE EXISTING HANDHOLE	EACH	18			10	8										
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	2			1	1										
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	18			9	9										
A2002366	TREE, BETULA NIGRA (RIVER BIRCH), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	8	8													
A2002564	TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 5' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	14	14													
A2002914	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	7	7													
A2004714	TREE, GLEDITSIA TRIACANTHOS INERMIS SHADEMASTER (SHADEMASTER THORNLESS COMMON HONEYLOCUST), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	7	7													

* (next to row 89000100)



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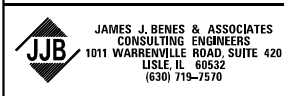
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE: N/A	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE. 3578	SECTION 2019-001-R	COUNTY COOK	TOTAL SHEETS 255	SHEET NO. 15
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				

* - DENOTES SPECIALTY ITEMS

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION TYPE CODES														
				ROADWAY	ROADWAY	TRAFFIC SIGNALS IL ROUTE 7 @ 135TH STREET	TRAFFIC SIGNALS IL ROUTE 7 @ 131ST STREET	TRAFFIC SIGNAL INTERCONNECT	IL ROUTE 7 PRE-EMPTION EQUIPMENT	IL ROUTE 7 PRE-EMPTION EQUIPMENT	SHARED USE PATH	SIDEWALK	SIDEWALK	UTILITIES				
				100% FED (Covid) 0004	80% FED 20% STATE 0004	100% FED (Covid) 0021	STP-U 80% FED 15% STATE 5% ORLAND PARK 0021	100% FED (Covid) 0021	100% ORLAND FPD 0021	100% PALOS FPD 0021	100% FED (Covid) 0028	100% FED (Covid) 0021	100% FED (Covid) 0021	100% ORLAND PARK 0043				
A2006414	TREE, QUERCUS ALBA (WHITE OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	3	3														
A2006514	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	16	16														
A2006712	TREE, QUERCUS MACROCARPA (BUR OAK), 1-1/2" CALIPER, BALLED AND BURLAPPED	EACH	6	6														
A2006814	TREE, QUERCUS MUEHLENBERGII (CHINKAPIN OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	7	7														
A2007616	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 2" CALIPER, BALLED AND BURLAPPED	EACH	11	11														
A2017816	TREE, TILIA AMERICANA MCKSENTRY (SENTRY AMERICAN LINDEN/ BASSWOOD), 2" CALIPER, BALLED AND BURLAPPED	EACH	6	6														
B2001164	TREE, CERCIS CANADENSIS (EASTERN REDBUD), 5' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	5	5														
* C2002036	SHRUB, CORYLUS AMERICANA (AMERICAN FILBERT), 3' HEIGHT, BALLED AND BURLAPPED	EACH	15	15														
C2C01424	SHRUB, CORNUS AMOMUM (SILKY DOGWOOD), 2' HEIGHT, CONTAINER	EACH	25	25														
C2C09624	SHRUB, SAMBUCUS CANADENSIS (AMERICAN ELDER), 2' HEIGHT, CONTAINER	EACH	20	20														
D2001948	EVERGREEN, PICEA GLAUCA DENSATA (BLACK HILLS SPRUCE), 4' HEIGHT, BALLED AND BURLAPPE	EACH	20	20														
D2002360	EVERGREEN, PINUS FLEXILIS (LIMBER PINE), 5' HEIGHT, BALLED AND BURLAPPED	EACH	9	9														
D2002960	EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 5' HEIGHT, BALLED AND BURLAPPED	EACH	45	45														
K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	21.7	21.7														
K0013030	PERENNIAL PLANTS, WETLAND TYPE, 2" DIAMETER BY 4" DEEP PLUG	UNIT	578.0	578.0														
K0029614	WEED CONTROL, AQUATIC	GALLON	0.23	0.23														
K0029618	WEED CONTROL, BROADLEAF IN TURF	GALLON	0.14	0.14														
K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	6.2	6.2														



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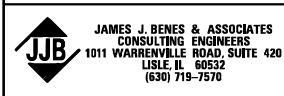
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: N/A	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	16
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				

* - DENOTES SPECIALTY ITEMS

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES											
				URBAN	ROADWAY	ROADWAY	TRAFFIC SIGNALS IL ROUTE 7 @ 135TH STREET	TRAFFIC SIGNALS IL ROUTE 7 @ 131ST STREET	TRAFFIC SIGNAL INTERCONNECT	IL ROUTE 7 PRE-EMPTION EQUIPMENT	IL ROUTE 7 PRE-EMPTION EQUIPMENT	SHARED USE PATH	SIDEWALK	SIDEWALK	UTILITIES
					100% FED (Covid)	80% FED 20% STATE	100% FED (Covid)	STP-U 80% FED 15% STATE 5% ORLAND PARK	100% FED (Covid)	100% ORLAND FPD	100% PALOS FPD	100% FED (Covid)	100% FED (Covid)	100% FED (Covid)	100% ORLAND PARK
				0004	0004	0021	0021	0021	0021	0021	0028	0021	0021	0043	
X5427602	REMOVE EXISTING FLARED END SECTION	EACH	8		8										
X0322992	COARSE SAND PLACEMENT, 4"	SO YD	483		483										
X0323260	SEDIMENT BASIN	EACH	1		1										
* X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	703							360	343				
* X2010412	STUMP REMOVAL, ACRES	ACRE	2.63		2.63										
X0350810	BOLLARD REMOVAL	EACH	3		3										
X0900064	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SO YD	680		680										
X0900075	COFFERDAM (TYPE 1) (IN-STREAM/WETLAND WORK)	EACH	5		5										
X1200050	BOX CULVERT REMOVAL	FOOT	180		180										
X1200061	CLAY LINER	CU YD	1,189		1,189										
* X1400081	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL) X1400150	EACH	1												1
* SERVICE	INSTALLATION, GROUND MOUNTED, METERED	EACH	2					1	1						
* X1400169	RAILROAD, FULL-ACTUATED CONTROLLER AND TYPE SUPER R CABINET (SPECIAL)	EACH	1					1							
* X1400367	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	3					1	2						
X1400373	RADAR VEHICLE DETECTION SYSTEM, SINGLE APPROACH, STOP BAR AND FAR BACK	EACH	4					2	2						
* X2010400	STUMP REMOVAL ONLY	UNIT	671		671										
X2020110	GRADING AND SHAPING SHOULDERS	UNIT	7		7										
* X2501750	SEEDING, CLASS 4 (SPECIAL)	ACRE	9.65		9.65										
* X2502019	SEEDING, CLASS 4B (SPECIAL)	ACRE	0.93		0.93										



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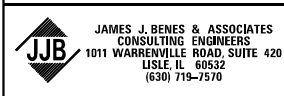
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: N/A	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE. 3578	SECTION 2019-001-R	COUNTY COOK	TOTAL SHEETS 255	SHEET NO. 17
CONTRACT NO. 62H82				ILLINOIS FED. AID PROJECT

* - DENOTES SPECIALTY ITEMS

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES												
				URBAN		ROADWAY	ROADWAY	TRAFFIC SIGNALS IL ROUTE 7 @ 135TH STREET	TRAFFIC SIGNALS IL ROUTE 7 @ 131ST STREET	TRAFFIC SIGNAL INTERCONNECT	IL ROUTE 7 PRE-EMPTION EQUIPMENT	IL ROUTE 7 PRE-EMPTION EQUIPMENT	SHARED USE PATH	SIDEWALK	SIDEWALK	UTILITIES
				100% FED (Covid)	80% FED 20% STATE	100% FED (Covid)	5% ORLAND PARK	100% FED (Covid)	100% ORLAND FPD	100% PALOS FPD	100% FED (Covid)	100% FED (Covid)	100% FED (Covid)	100% FED (Covid)	100% ORLAND PARK	
X2503110	MOWING (SPECIAL)	ACRE	0,54	0,54												
* X2511630	EROSION CONTROL BLANKET (SPECIAL)	SO YD	93,460	93,460												
X3400004	RETAINING WALL REMOVAL	FOOT	46	46												
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	13	13												
X4240800	DETECTABLE WARNINGS (SPECIAL)	SO FT	55									55				
X4421791	CLASS D PATCHES, TYPE IV, 12 INCH (SPECIAL)	SO YD	84	84												
* X5630712	CONNECTION TO EXISTING WATER MAIN 12"	EACH	1													1
X6022110	MANHOLES, TYPE A, 10'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	11	11												
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	10	10												
X6026051	SANITARY MANHOLES TO BE RECONSTRUCTED	EACH	4	4												
X6040205	FRAMES AND LIDS, SPECIAL	EACH	1	1												
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	18	18												
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1												
X7810300	RECESSED REFLECTIVE PAVEMENT MARKER	EACH	28	28												
X8440116	RELOCATE EXISTING LIGHTING UNIT, SPECIAL	EACH	7	7												
* X8600105	MASTER CONTROLLER (SPECIAL)	EACH	1						1							
X8620200	UNINTERRUPTIBLE POWER SUPPLY, SPECIAL	EACH	2				1	1								
X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	2,959						2,959							
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6				2	4								



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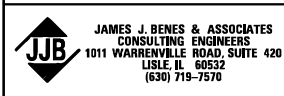
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: N/A	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	18
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				

* - DENOTES SPECIALTY ITEMS

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION TYPE CODES										
				ROADWAY	ROADWAY	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNAL	IL ROUTE 7	IL ROUTE 7	SHARED USE PATH	SIDEWALK	SIDEWALK	UTILITIES
				100% FED (Covid)	STP-U	IL ROUTE 7 @	IL ROUTE 7 @	INTERCONNECT	PRE-EMPTION	PRE-EMPTION				
		135TH STREET	131ST STREET											
				80% FED	80% FED	100% FED (Covid)	5% ORLAND PARK	100% FED (Covid)	100% ORLAND FPD	100% PALOS FPD	100% FED (Covid)	100% FED (Covid)	100% FED (Covid)	100% ORLAND PARK
				20% STATE	20% STATE	0021	0021	0021	0021	0021	0028	0021	0021	0043
X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER,	FOOT	12			4	8							
Z0004538	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 10"	SO YD	2,143	2,143										
Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SO YD	556	556										
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1										
Z0022800	FENCE REMOVAL	FOOT	432	432										
Z0023500	FILLING EXISTING CULVERTS	CU YD	54	54										
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	179	179										
* Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1					1						
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1			1								
Z0054406	ROCK FILL - FOUNDATION	CU YD	280	280										
Z0062456	TEMPORARY PAVEMENT	SO YD	3,161	3,161										
* Z0064800	SELECTIVE CLEARING	UNIT	238	238										
* Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	4			1	1	2						
Ø Z0076600	TRAINEES	HOURS	1000	1000										
Ø Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOURS	1000	1000										



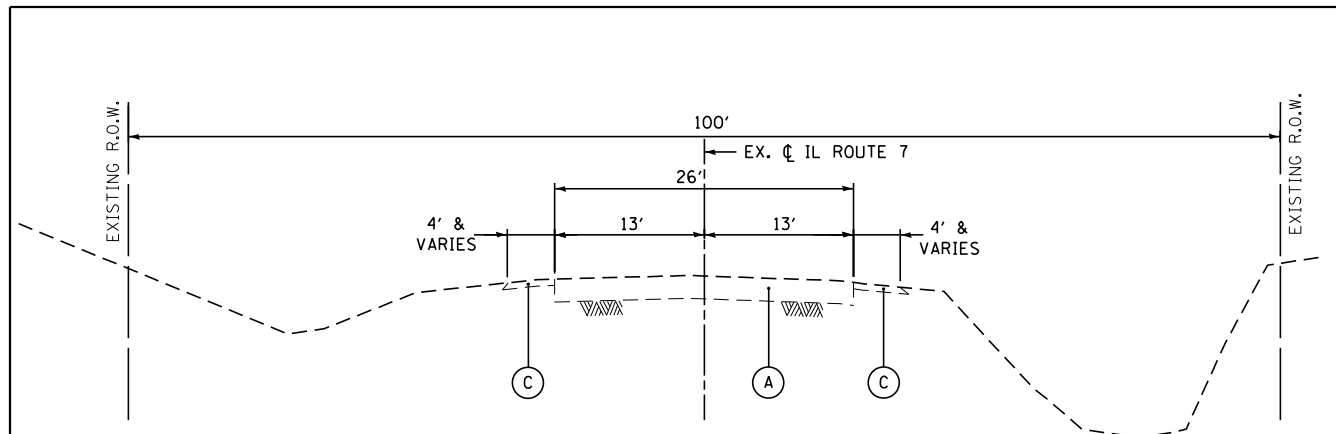
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PLOT DATE = 2/28/2023	CHECKED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

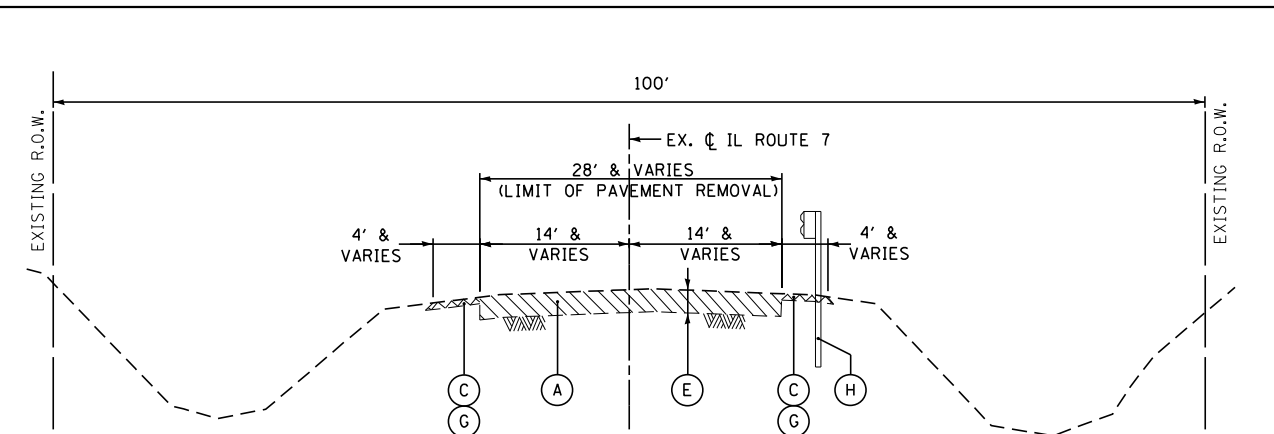
SUMMARY OF QUANTITIES			
SCALE: N/A	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	19
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				

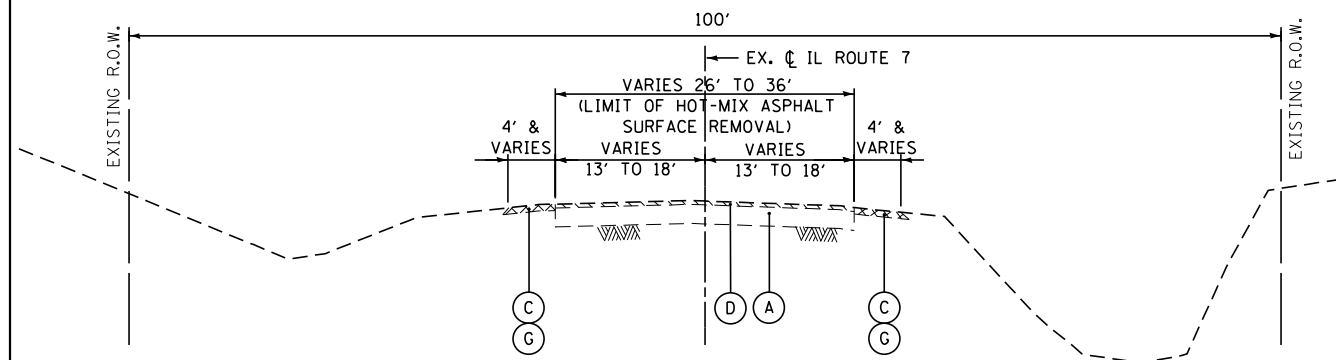
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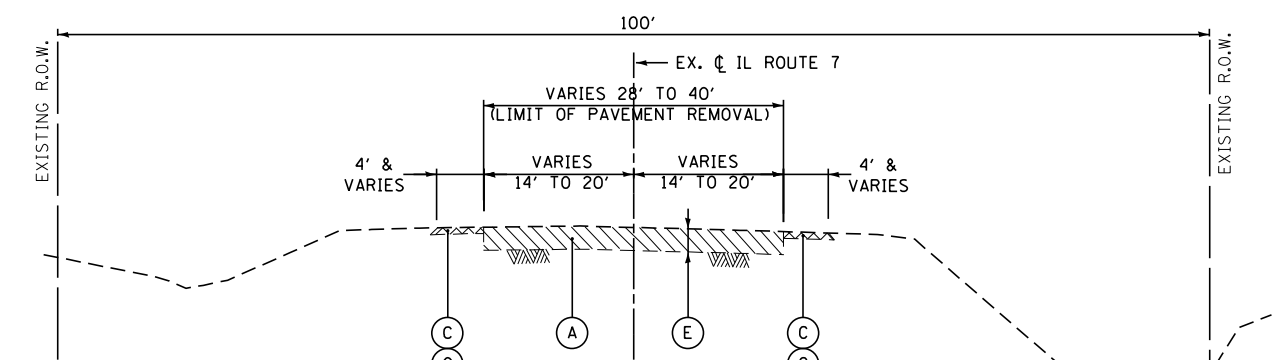
EXISTING TYPICAL SECTION - IL ROUTE 7
STA. 71+40.00 TO STA. 92+48.00



EXISTING TYPICAL SECTION - IL ROUTE 7
STA. 110+46.00 TO STA. 123+76.00



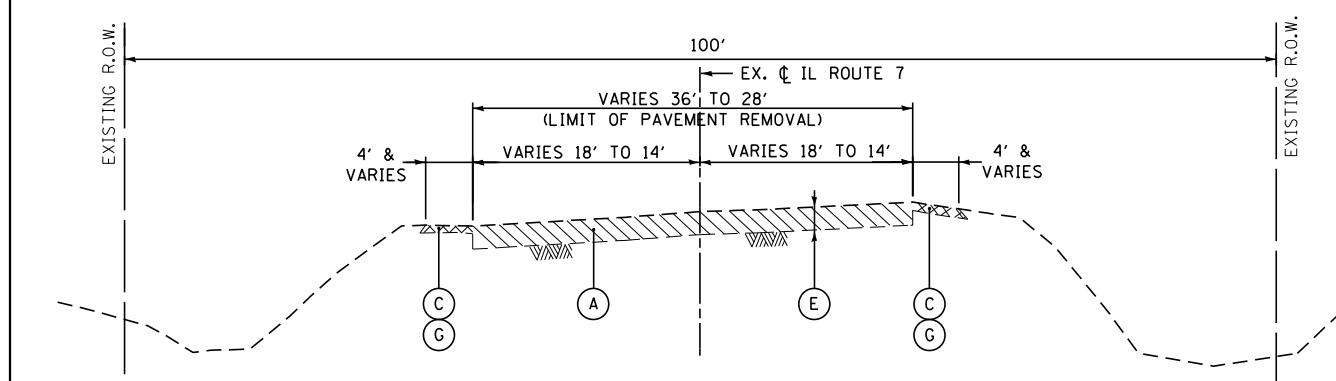
EXISTING TYPICAL SECTION - IL ROUTE 7
STA. 92+48.00 TO STA. 97+24.91



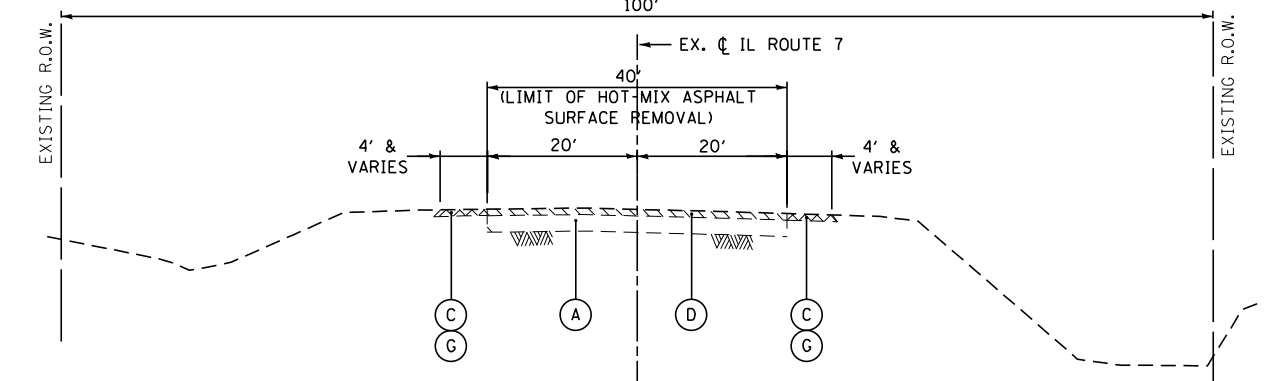
EXISTING TYPICAL SECTION - IL ROUTE 7
STA. 123+76.00 TO STA. 133+01.63

LEGEND

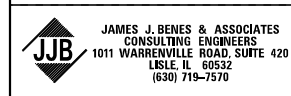
- (A) EXISTING HOT-MIX ASPHALT PAVEMENT 12"±
- (B) EXISTING CONCRETE CURB AND GUTTER, TYPE B-6.12
- (C) EXISTING AGGREGATE SHOULDERS, THICKNESS VARIES
- (D) HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- (E) PAVEMENT REMOVAL
- (F) COMBINATION CURB AND GUTTER REMOVAL
- (G) REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL
- (H) GUARDRAIL REMOVAL



EXISTING TYPICAL SECTION - IL ROUTE 7
STA. 97+24.91 TO STA. 110+46.00



EXISTING TYPICAL SECTION - IL ROUTE 7
STA. 133+01.63 TO STA. 135+85.10



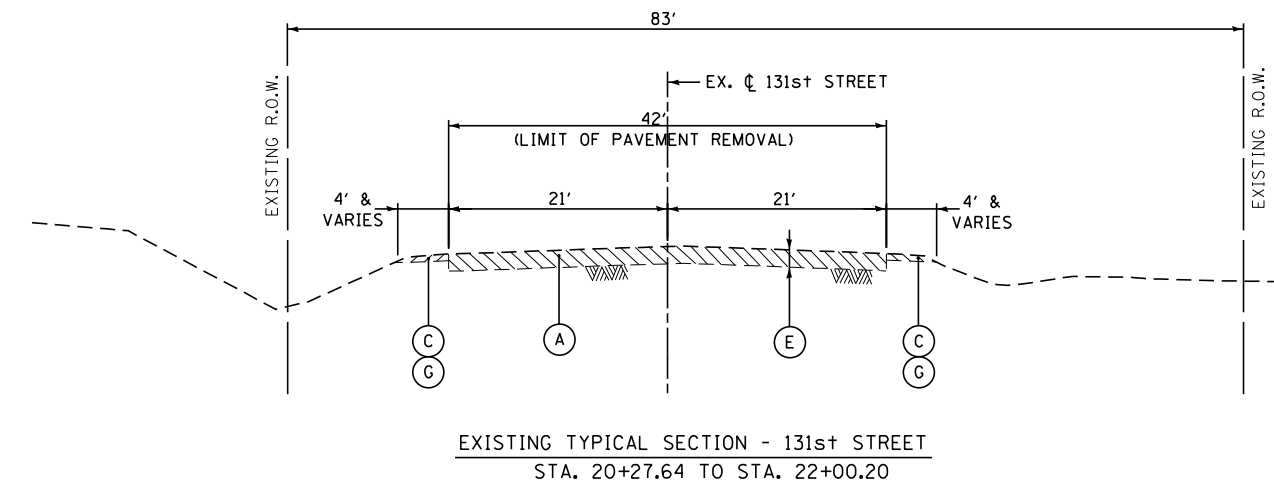
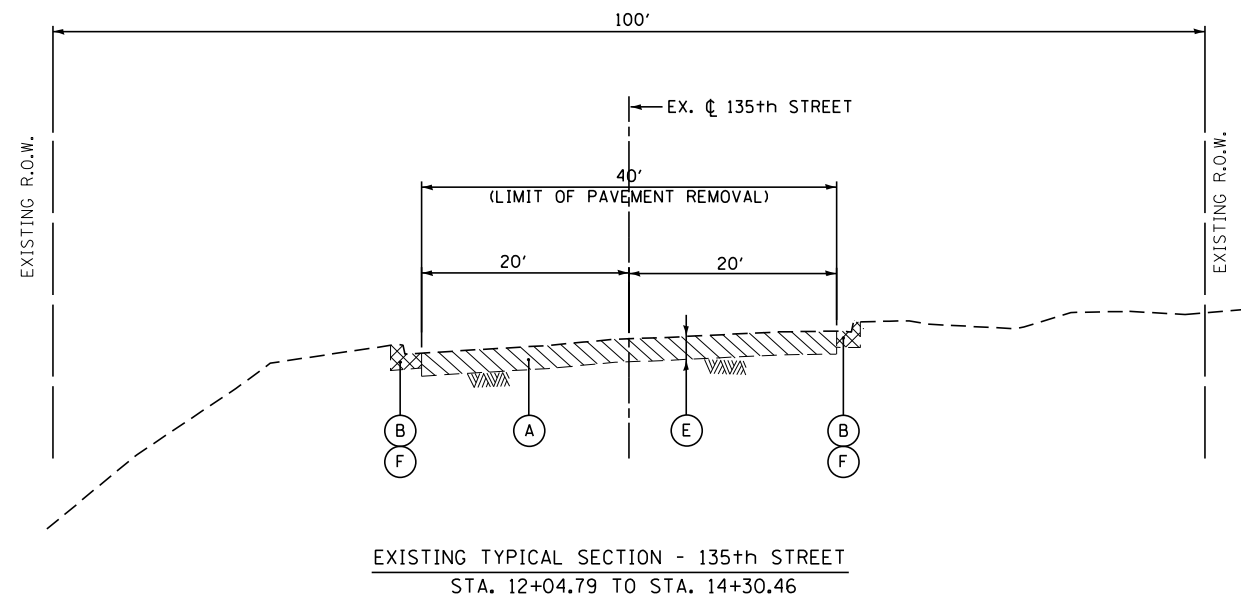
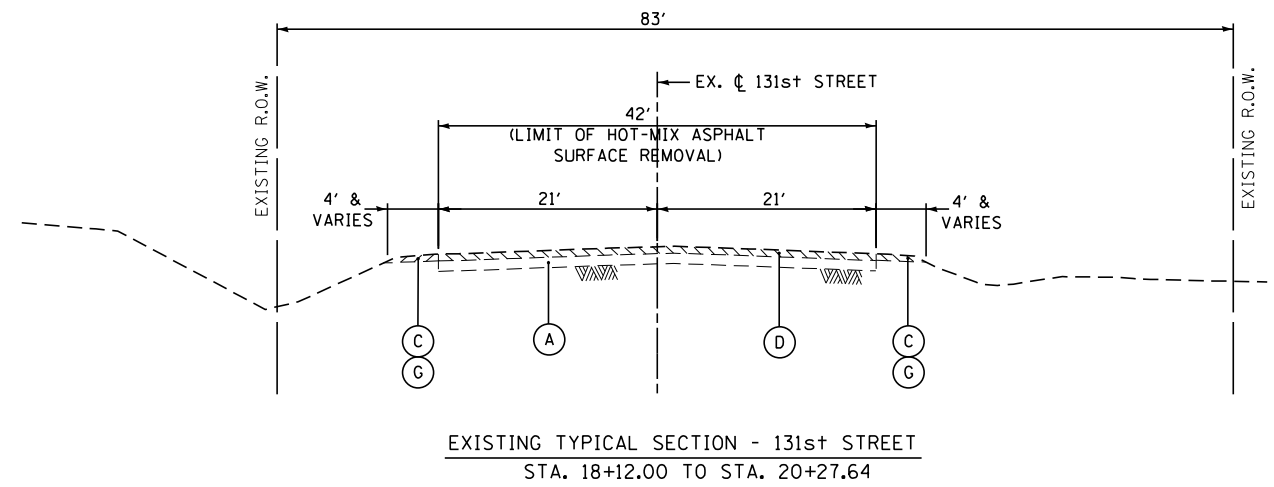
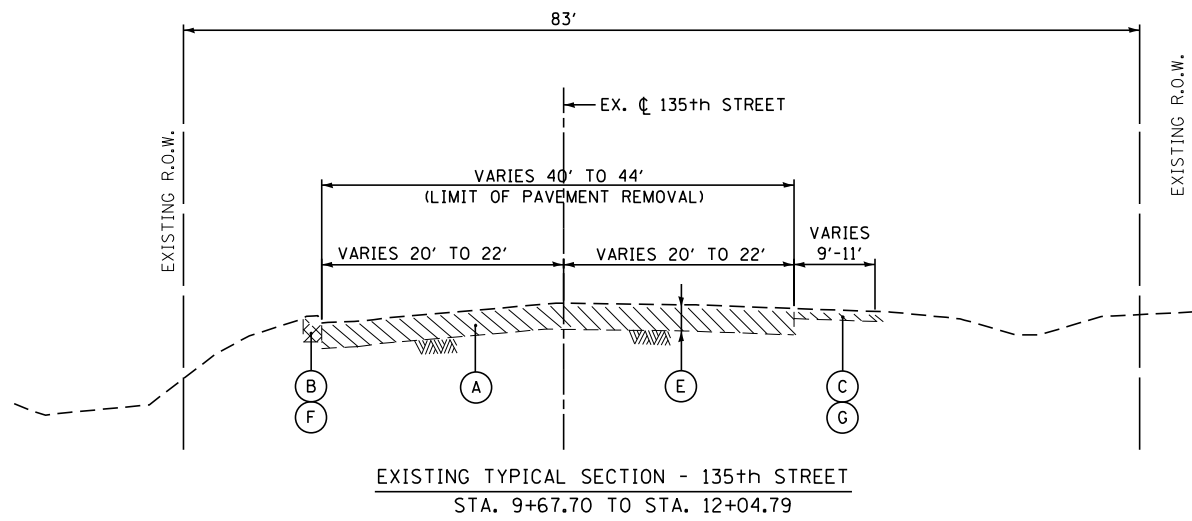
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	DATE - 12/09/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

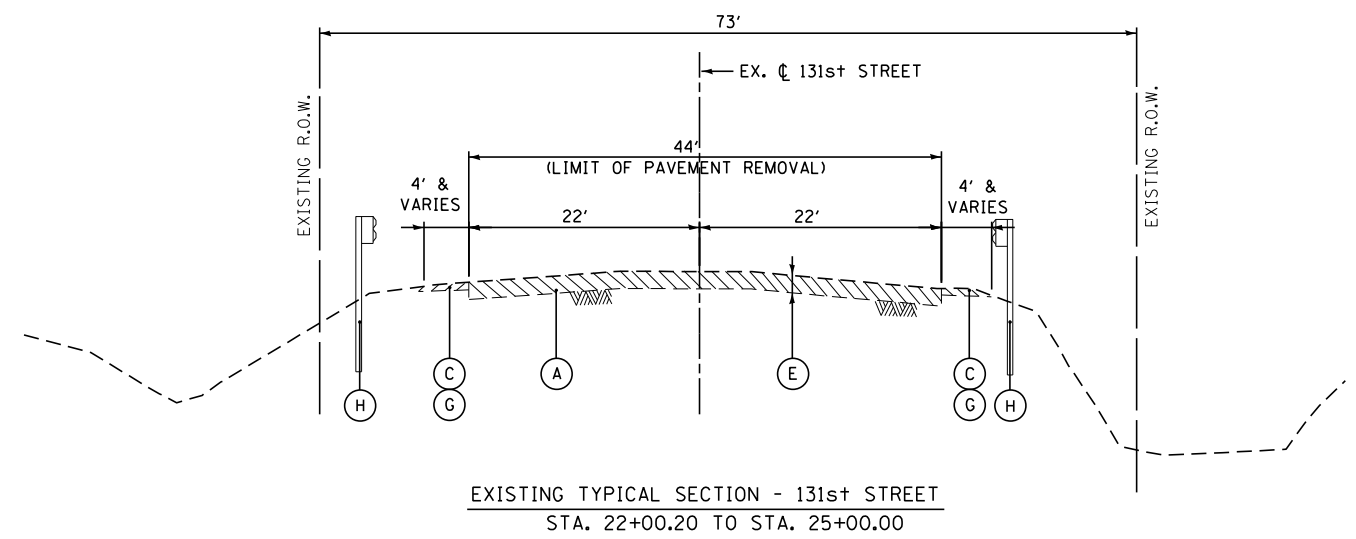
EXISTING TYPICAL SECTIONS

SCALE: NTS SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	20
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				



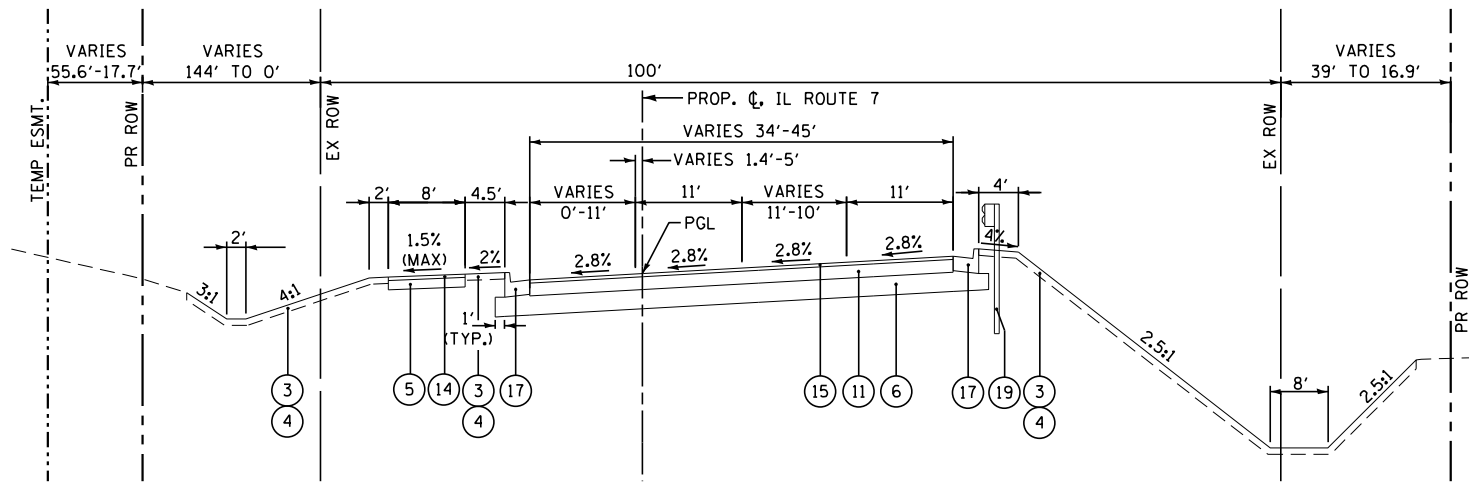
- LEGEND**
- (A) EXISTING HOT-MIX ASPHALT PAVEMENT 12"±
 - (B) EXISTING CONCRETE CURB AND GUTTER, TYPE B-6.12
 - (C) EXISTING AGGREGATE SHOULDERS, THICKNESS VARIES
 - (D) HOT-MIX ASPHALT SURFACE REMOVAL, 2"
 - (E) PAVEMENT REMOVAL
 - (F) COMBINATION CURB AND GUTTER REMOVAL
 - (G) REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL
 - (H) GUARDRAIL REMOVAL



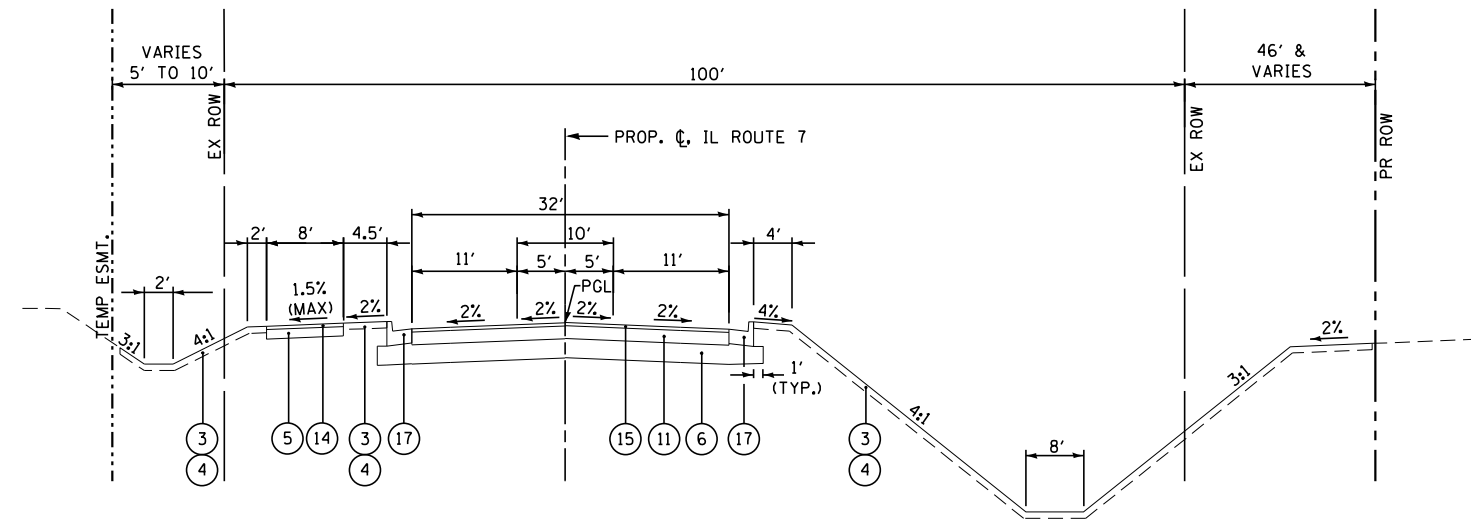
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PLOT SCALE = *SCALE*	DRAWN - SMP	REVISED -
PLOT DATE = *DATE*	CHECKED - BDH	REVISED -
	DATE - 12/09/2022	REVISED -

EXISTING TYPICAL SECTIONS	
SCALE: NTS	SHEET NO. 2 OF 2 SHEETS
STA.	TO STA.

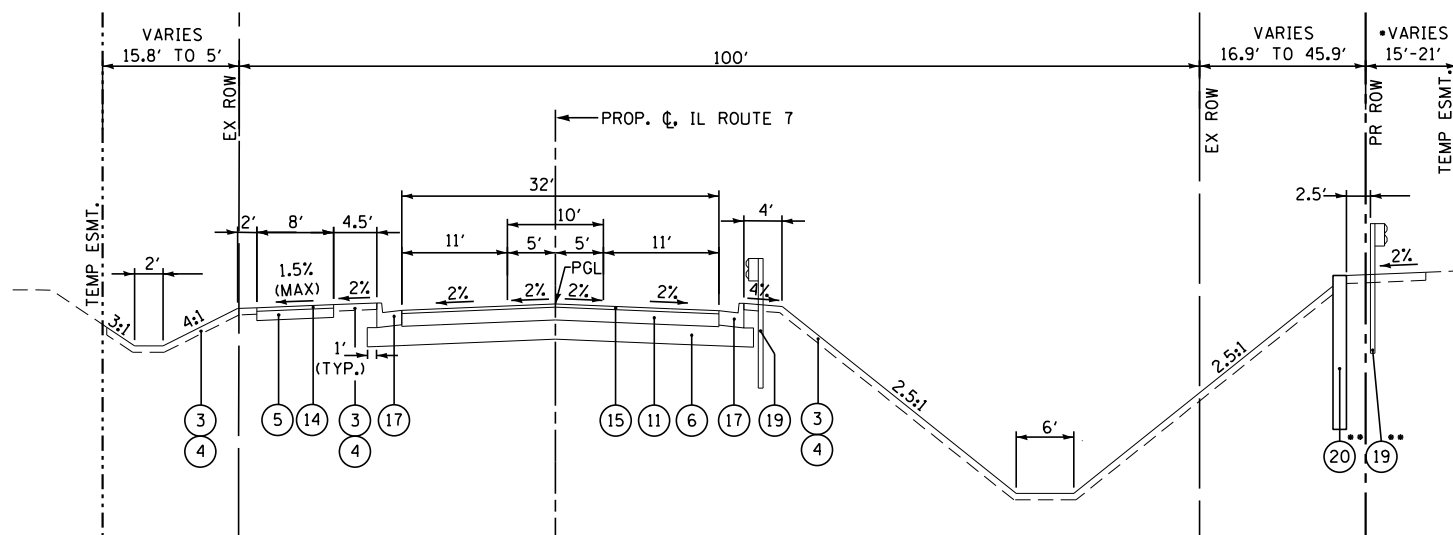
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	21
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				



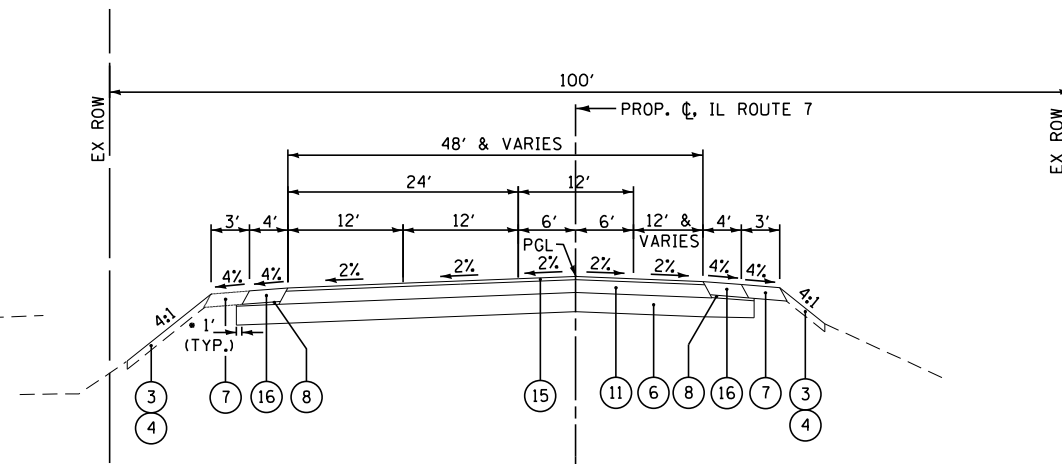
PROPOSED TYPICAL SECTION - IL ROUTE 7
STA. 102+15.08 TO STA. 108+29.52



PROPOSED TYPICAL SECTION - IL ROUTE 7
STA. 124+00.00 TO STA. 130+90.47



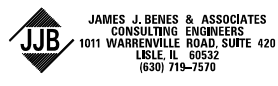
•STA. 109+00.00 TO STA. 116+25.54
••STA. 112+50.00 TO STA. 116+25.54
PROPOSED TYPICAL SECTION - IL ROUTE 7
STA. 108+29.52 TO STA. 124+00.00



•SEE STANDARD 482001 FOR DETAILS NOT SHOWN
PROPOSED TYPICAL SECTION - IL ROUTE 7
STA. 130+90.47 TO STA. 133+01.64

LEGEND

- | | |
|---|---|
| ① AGGREGATE SUBGRADE IMPROVEMENT (AT LOCATIONS DESIGNATED BY THE ENGINEER OR AS SHOWN ON THE PLANS) | ⑩ CLASS D PATCHES 10" (AT LOCATIONS DESIGNATED BY THE ENGINEER) |
| ② GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (AT LOCATIONS DESIGNATED BY THE ENGINEER OR AS SHOWN ON THE PLANS) | ⑪ HOT-MIX ASPHALT BASE COURSE, 8" |
| ③ TOPSOIL FURNISH AND PLACE, 4" | ⑫ HOT-MIX ASPHALT BASE COURSE, 10" |
| ④ SEEDING (SEE LANDSCAPING PLANS) | ⑬ HOT-MIX ASPHALT BASE COURSE WIDENING 8" (FOR WIDENING BETWEEN 3 FT TO 6 FT) |
| ⑤ SUB-BASE GRANULAR MATERIAL, TYPE B, 6" | ⑭ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2" |
| ⑥ AGGREGATE SUBGRADE IMPROVEMENT 12" | ⑮ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2" |
| ⑦ AGGREGATE SHOULDER, TYPE B, 8" | ⑯ HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑧ SUB-BASE GRANULAR MATERIAL, TYPE C (COST INCLUDED IN AGGREGATE SUBGRADE IMPROVEMENT 12") | ⑰ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 |
| ⑨ CLASS D PATCHES, 12" (AT LOCATIONS DESIGNATED BY THE ENGINEER) | ⑱ PORTLAND CEMENT CONCRETE BASE COURSE, 8" (FOR WIDENING LESS THAN 3 FT) |
| | ⑲ PROPOSED GUARDRAIL |
| | ⑳ PROPOSED RETAINING WALL |



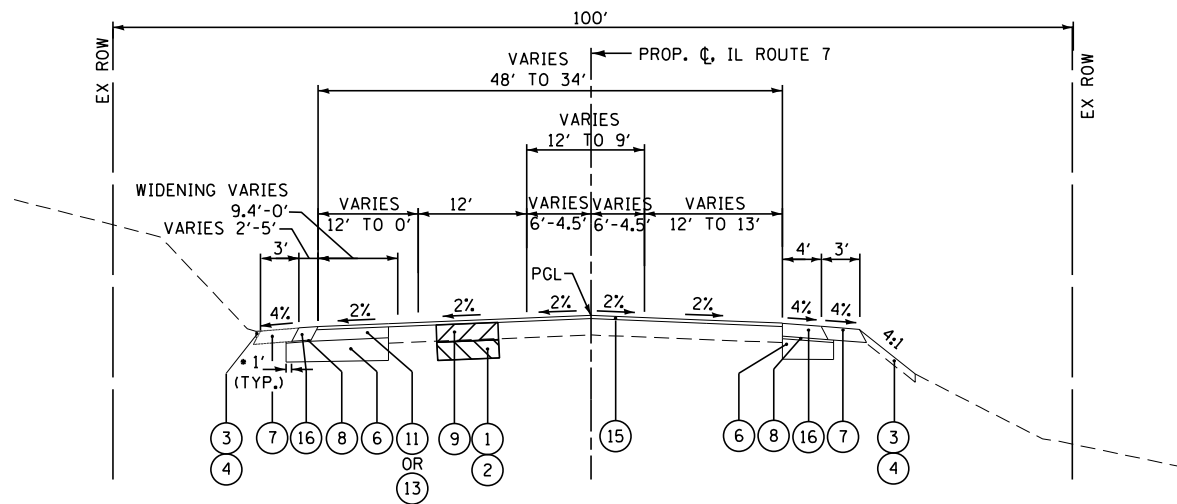
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PLOT SCALE = *SCALE*	DRAWN - SMP	REVISED -
PLOT DATE = *DATE*	CHECKED - BDH	REVISED -
	DATE - 12/09/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED TYPICAL SECTIONS

SCALE: NTS SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	23
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				



•SEE STANDARD 482001 FOR DETAILS NOT SHOWN
PROPOSED TYPICAL SECTION - IL ROUTE 7
 STA. 133+01.64 TO STA. 135+85.10

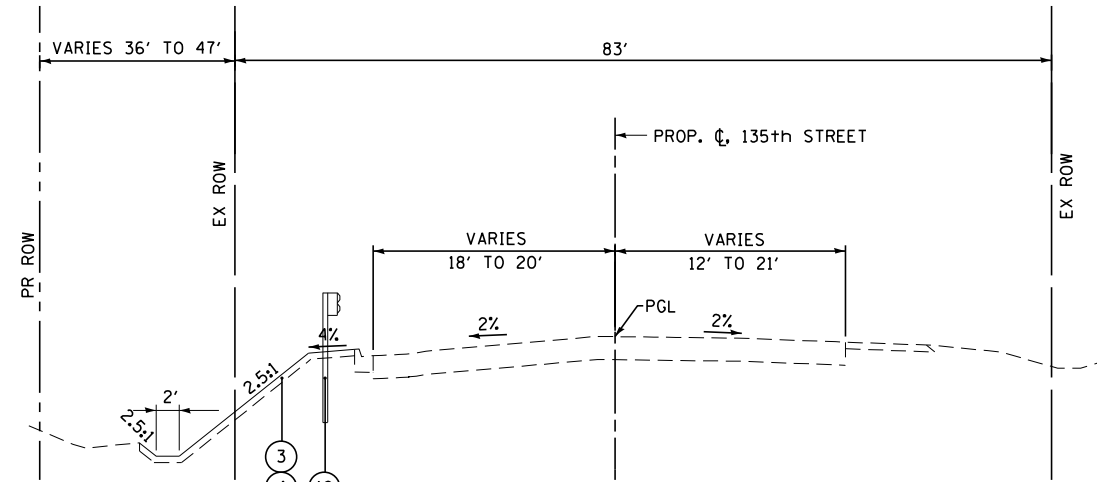
SOILS NOTE:

1. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
2. THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12 INCH LOWER LIFT SHALL BE CS 1 OR RR 1.
3. ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECT BY THE ENGINEER AT CONTRACTOR EXPENSE.
4. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT HAS BEEN PROVIDED AT THE LOCATIONS INDICATED FOR SOILS WHICH TEND TO BE UNSTABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT 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 OF THE STANDARD SPECIFICATIONS AND IDOT SUBGRADE STABILITY MANUAL. 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. THE LIMITS OF UNSTABLE SOILS ARE ESTIMATED AT THE APPROXIMATE LOCATIONS AS FOLLOWS:

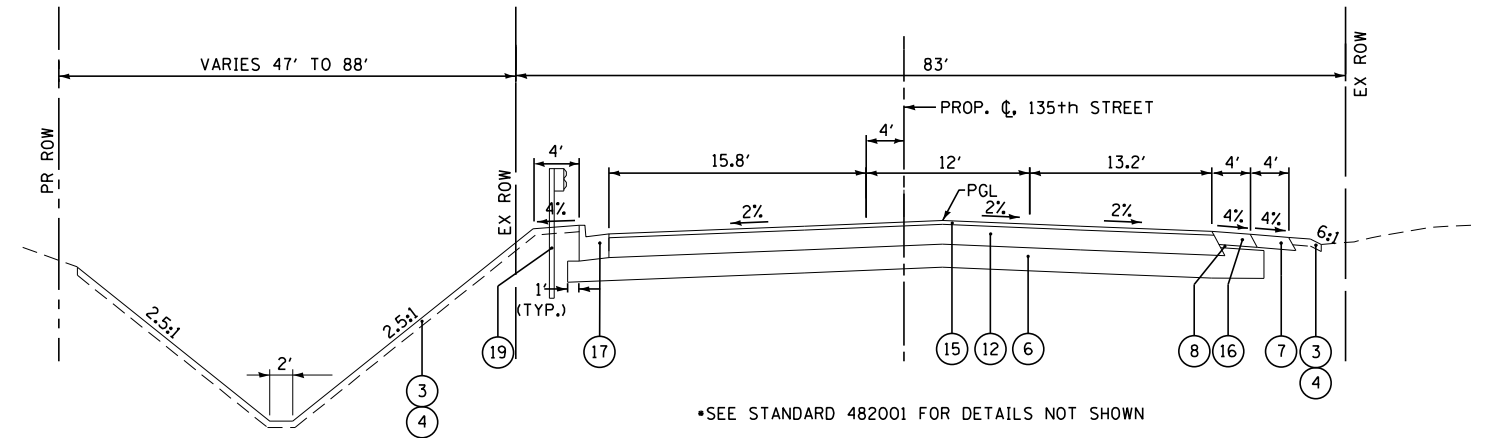
STA. TO STA.	ESTIMATED UNDERCUT DEPTH	ESTIMATED UNDERCUT
IL ROUTE 7:		
103+14 TO 108+21	6 INCHES	425 CU YD WITH GEOTECHNICAL FABRIC (2552 SO YD)
108+21 TO 112+45	12 INCHES	585 CU YD WITH GEOTECHNICAL FABRIC (1754 SO YD)
116+54 TO 120+14	12 INCHES	496 CU YD WITH GEOTECHNICAL FABRIC (1486 SO YD)
127+10 TO 131+19	12 INCHES	818 CU YD WITH GEOTECHNICAL FABRIC (2453 SO YD)
131+19 TO 133+01.64	48 INCHES	1215 CU YD WITH GEOTECHNICAL FABRIC (911 SO YD)
131st STREET:		
18+12 TO 22+00	36 INCHES	1265 CU YD WITH GEOTECHNICAL FABRIC (1265 SO YD)

LEGEND

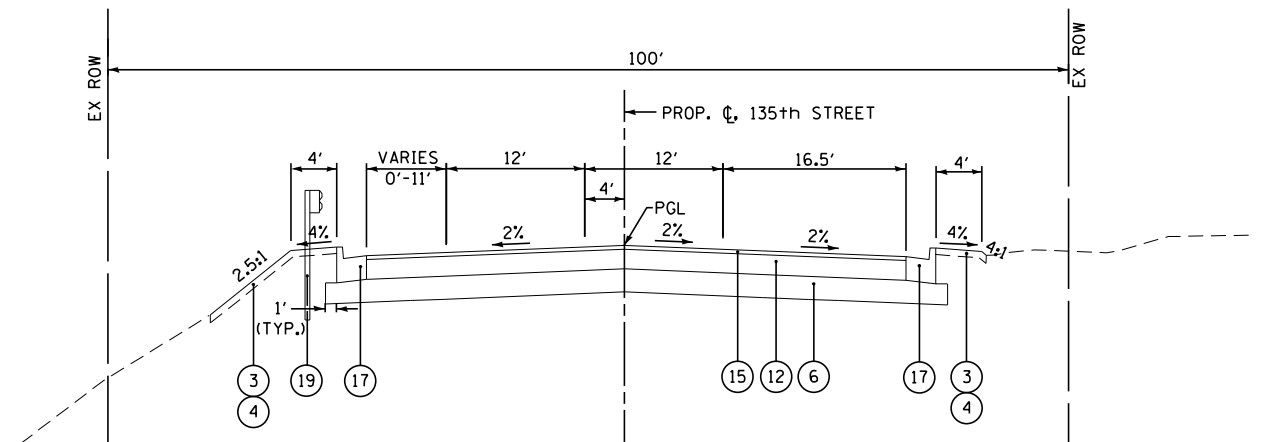
- | | |
|---|---|
| ① AGGREGATE SUBGRADE IMPROVEMENT (AT LOCATIONS DESIGNATED BY THE ENGINEER OR AS SHOWN ON THE PLANS) | ⑩ CLASS D PATCHES 10" (AT LOCATIONS DESIGNATED BY THE ENGINEER) |
| ② GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (AT LOCATIONS DESIGNATED BY THE ENGINEER OR AS SHOWN ON THE PLANS) | ⑪ HOT-MIX ASPHALT BASE COURSE, 8" |
| ③ TOPSOIL FURNISH AND PLACE, 4" | ⑫ HOT-MIX ASPHALT BASE COURSE, 10" |
| ④ SEEDING (SEE LANDSCAPING PLANS) | ⑬ HOT-MIX ASPHALT BASE COURSE WIDENING 8" (FOR WIDENING BETWEEN 3 FT TO 6 FT) |
| ⑤ SUB-BASE GRANULAR MATERIAL, TYPE B, 6" | ⑭ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2" |
| ⑥ AGGREGATE SUBGRADE IMPROVEMENT 12" | ⑮ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2" |
| ⑦ AGGREGATE SHOULDER, TYPE B, 8" | ⑯ HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑧ SUB-BASE GRANULAR MATERIAL, TYPE C (COST INCLUDED IN AGGREGATE SUBGRADE IMPROVEMENT 12") | ⑰ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 |
| ⑨ CLASS D PATCHES, 12" (AT LOCATIONS DESIGNATED BY THE ENGINEER) | ⑱ PORTLAND CEMENT CONCRETE BASE COURSE, 8" (FOR WIDENING LESS THAN 3 FT) |
| | ⑲ PROPOSED GUARDRAIL |
| | ⑳ PROPOSED RETAINING WALL |



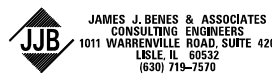
•SEE STANDARD 482001 FOR DETAILS NOT SHOWN
PROPOSED TYPICAL SECTION - 135th STREET
 STA. 6+90 TO STA. 9+67.70



•SEE STANDARD 482001 FOR DETAILS NOT SHOWN
PROPOSED TYPICAL SECTION - 135th STREET
 STA. 9+67.70 TO STA. 11+65.50



•SEE STANDARD 482001 FOR DETAILS NOT SHOWN
PROPOSED TYPICAL SECTION - 135th STREET
 STA. 12+44.96 TO STA. 14+30.46



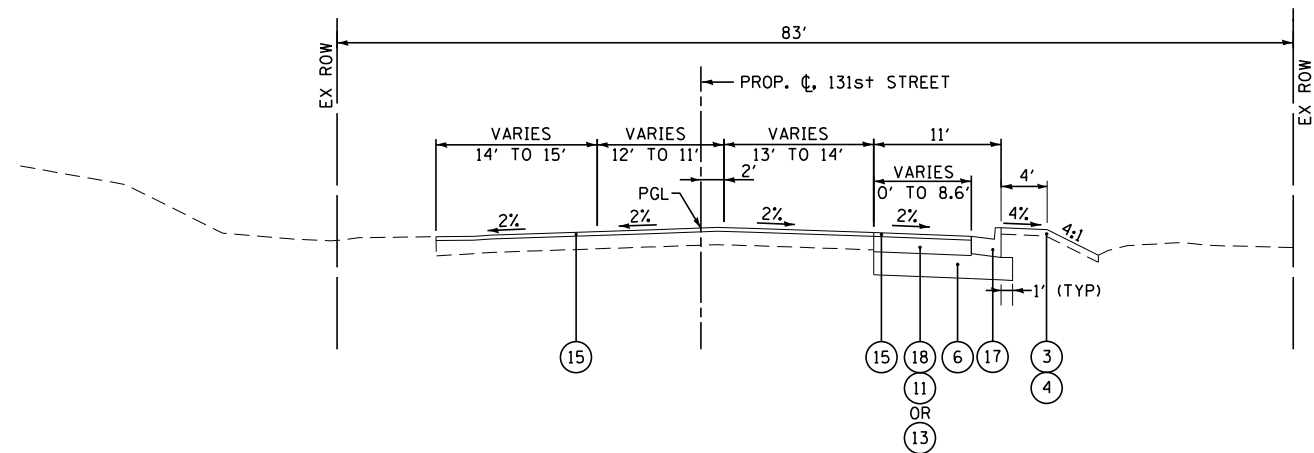
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PLOT DATE = *DATE*	CHECKED - BDH	REVISED -
	DATE - 12/09/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

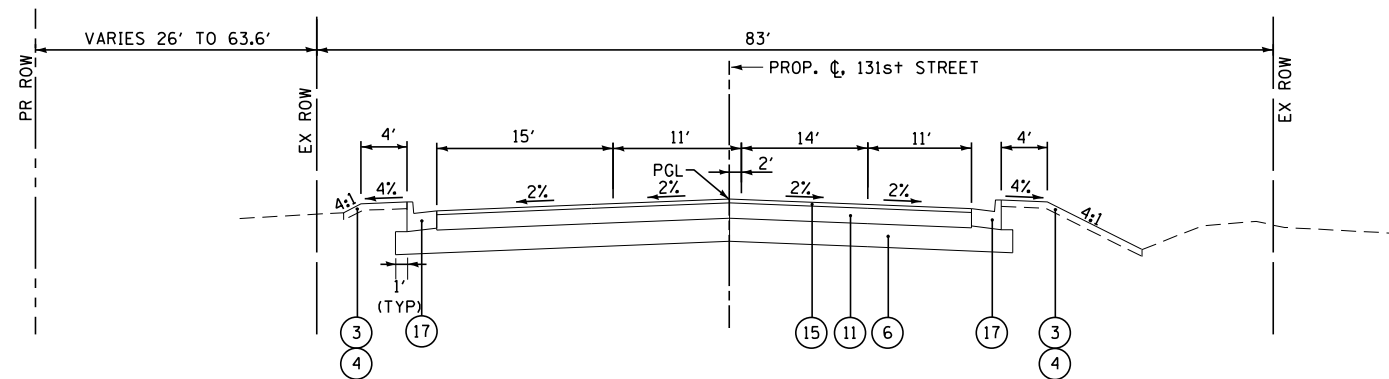
PROPOSED TYPICAL SECTIONS

SCALE: NTS SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	24
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				



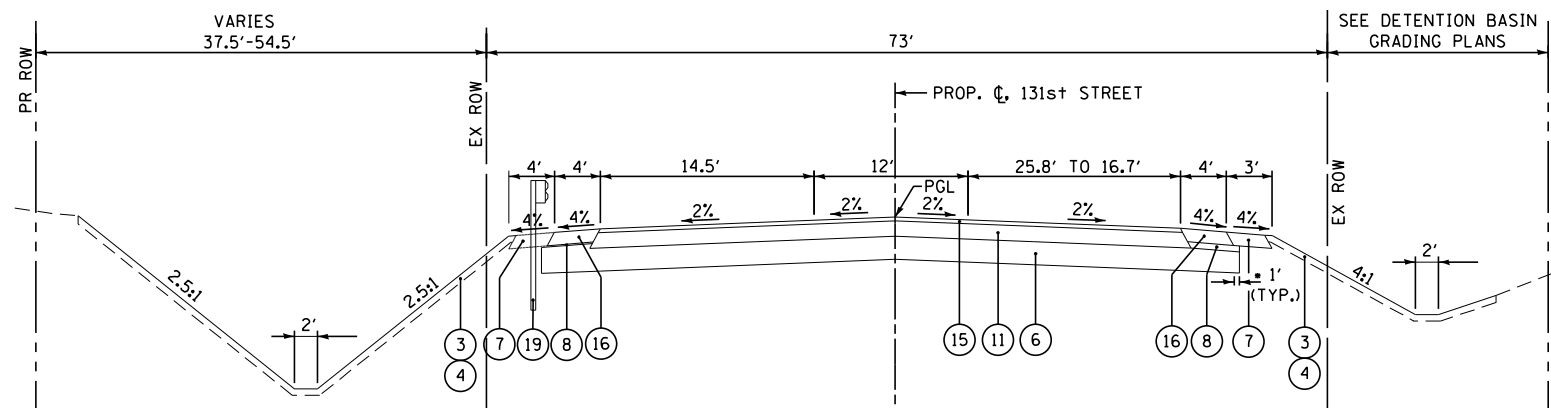
PROPOSED TYPICAL SECTION – 131st STREET
STA. 18+12.00 TO STA. 20+27.64



PROPOSED TYPICAL SECTION – 131st STREET
STA. 20+27.64 TO STA. 22+00.00

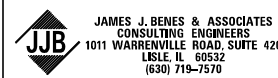
LEGEND

- | | |
|---|---|
| ① AGGREGATE SUBGRADE IMPROVEMENT (AT LOCATIONS DESIGNATED BY THE ENGINEER OR AS SHOWN ON THE PLANS) | ⑩ CLASS D PATCHES 10" (AT LOCATIONS DESIGNATED BY THE ENGINEER) |
| ② GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (AT LOCATIONS DESIGNATED BY THE ENGINEER OR AS SHOWN ON THE PLANS) | ⑪ HOT-MIX ASPHALT BASE COURSE, 8" |
| ③ TOPSOIL FURNISH AND PLACE, 4" | ⑫ HOT-MIX ASPHALT BASE COURSE, 10" |
| ④ SEEDING (SEE LANDSCAPING PLANS) | ⑬ HOT-MIX ASPHALT BASE COURSE WIDENING 8" (FOR WIDENING BETWEEN 3 FT TO 6 FT) |
| ⑤ SUB-BASE GRANULAR MATERIAL, TYPE B, 6" | ⑭ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2" |
| ⑥ AGGREGATE SUBGRADE IMPROVEMENT 12" | ⑮ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2" |
| ⑦ AGGREGATE SHOULDER, TYPE B, 8" | ⑯ HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑧ SUB-BASE GRANULAR MATERIAL, TYPE C (COST INCLUDED IN AGGREGATE SUBGRADE IMPROVEMENT 12") | ⑰ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 |
| ⑨ CLASS D PATCHES, 12" (AT LOCATIONS DESIGNATED BY THE ENGINEER) | ⑱ PROPOSED GUARDRAIL |
| | ⑳ PROPOSED RETAINING WALL |



*SEE STANDARD 482001 FOR DETAILS NOT SHOWN

PROPOSED TYPICAL SECTION – 131st STREET
STA. 22+00.00 TO STA. 25+00.00



USER NAME : *USER*	DESIGNED - BLG	REVISED -
PLOT SCALE : *SCALE*	DRAWN - SMP	REVISED -
PLOT DATE : *DATE*	CHECKED - BDH	REVISED -
	DATE - 12/09/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED TYPICAL SECTIONS

SCALE: NTS SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	25
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				

STUMP REMOVAL ONLY			
STATION	OFFSET (FOOT)	LT/RT	QUANTITY (UNIT)
IL RTE 7 - 70+00 TO 81+00			
73+90	33	RT	6
IL RTE 7 - 96+00 TO 111+00			
103+17	41	LT	7
107+94	81	RT	6
107+94	81	RT	8
107+94	81	RT	9
107+94	81	RT	10
107+94	81	RT	10
IL RTE 7 - 111+00 TO 124+00			
116+15	63	RT	12
116+58	61	RT	6
122+66	47	RT	6
122+83	47	RT	8
123+41	49	RT	6
123+43	46	RT	6
123+49	47	RT	6
123+56	47	RT	6
IL RTE 7 - 124+00 TO 135+85			
124+92	49	RT	15
125+01	49	RT	6
125+30	51	RT	12
125+33	133	RT	7
125+41	154	RT	6
125+64	50	RT	12
125+64	50	RT	6
125+77	50	RT	6
126+11	52	RT	6
126+11	52	RT	6
126+11	52	RT	6
126+16	278	RT	11
126+16	224	RT	7
126+26	226	RT	8
126+36	49	RT	6
126+36	49	RT	6
126+36	49	RT	6
126+36	49	RT	6
126+36	49	RT	6
126+36	49	RT	6
126+77	36	LT	6
126+99	36	LT	6
126+99	48	RT	6
127+74	48	RT	8
128+11	422	RT	8
129+11	424	RT	8
129+38	427	RT	6
129+38	427	RT	6
129+38	427	RT	6
129+29	135	RT	7
129+41	132	RT	12
129+53	36	LT	6
135TH ST-8+00 TO 14+00			
10+30	87	LT	10
10+48	90	LT	10
10+61	88	LT	10
10+63	96	LT	10
10+73	94	LT	8
10+87	101	LT	8
11+44	96	LT	12
131ST ST-18+00 TO 25+00			
19+38	35	RT	12
20+18	35	RT	12
20+67	36	RT	8
24+33	39	LT	14

CONTINUED

STUMP REMOVAL ONLY			
STATION	OFFSET (FOOT)	LT/RT	QUANTITY (UNIT)
IL RTE 7 - 81+00 TO 96+00			
85+78	34	RT	16
IL RTE 7 - 96+00 TO 111+00			
99+19	59	RT	24
99+64	60	RT	24
IL RTE 7 - 124+00 TO 135+85			
126+08	34	LT	22
135TH ST-8+00 TO 14+00			
11+29	73	LT	22
11+29	73	LT	32
11+54	43	LT	28
131ST ST-18+00 TO 25+00			
20+91	38	LT	24
21+24	39	LT	24

STUMP REMOVAL, ACRES			
FROM STATION	TO STATION	AREA (ACRES)	
IL RTE 7 - 79+00 TO 94+00			
73+76	96+00	0.24	
IL RTE 7 - 96+00 TO 111+00			
96+00	98+90	0.10	
100+00	101+86	0.11	
103+00	106+00	0.21	
103+00	107+50	0.26	
IL RTE 7 - 111+00 TO 124+00			
120+60	124+00	0.11	
IL RTE 7 - 124+00 TO 135+85			
	BASIN	0.77	
	BASIN	0.40	
	BASIN	0.16	
	BASIN	0.02	
	BASIN	0.09	
	BASIN	0.02	
135TH ST - 8+00 TO 14+00			
8+00	10+15	0.14	

TOTAL 2.63

SELECTIVE CLEARING			
FROM STATION	TO STATION	AREA (ACRES)	
IL RTE 7			
103+00	106+00	0.08	
	BASIN	5.22	
135TH STREET			
5+00	7+60	0.10	
131ST STREET			
20+50	22+00	0.06	

TOTAL 5.46

PERIMETER EROSION BARRIER			
STATION	TO STATION	LENGTH (FOOT)	
STAGE 1			
DETENTION BASIN		1,523	
STAGE 2			
94+00	96+30	764	
114+00	116+00	200	
119+00	125+00	600	
126+00	126+73	73	
127+07	129+75	268	
STAGE 3			
131+93	135+85	394	

TOTAL 3,822

INLET AND PIPE PROTECTION			
STATION	OFFSET (LT/RT)	QTY (EA)	
STAGE 1			
72+47	35.8' LT	1	
78+05	43.0' RT	1	
80+78	40.0' RT	1	
84+61	43.0' RT	1	
STAGE 2			
94+85	36.1' LT	1	
102+65	73.4' LT	1	
109+16	26.8' LT	1	
110+47	15.8' LT	1	
118+69	25.0' LT	1	
121+00	35.3' LT	1	
122+41	15.7' LT	1	
125+06	24.7' LT	1	
129+13	25.8' LT	1	
130+14	28.6' LT	1	
135+74	42.3' LT	1	
135TH ST			
12+89	46.0' RT	1	
135TH ST			
21+36	32.3' RT	1	
21+20	37.6' LT	1	
STAGE 3			
109+03	50.7' RT	1	
120+05	50.0' RT	1	

TOTAL 20

AGGREGATE SUBGRADE IMPROVEMENT 12"			
FROM STATION	TO STATION	AREA (SQ YD)	
IL RTE 7			
92+48	96+00	757	
96+00	97+25	260	
97+25	111+00	10,907	
111+00	126+00	6,531	
126+00	133+02	6,857	
133+02	135+85	456	
131ST STREET			
18+12	20+28	215	

TOTAL 25,983

INLET FILTERS			
STATION	OFFSET (LT/RT)	QUANTITY (EACH)	
STAGE 1			
73+33	35.1' RT	1	
74+85	49.5' RT	1	
75+00	40.2' RT	1	
STAGE 2			
103+77	62.1' LT	1	
105+69	19.6' LT	1	
105+79	19.6' LT	1	
105+89	19.6' LT	1	
106+00	42.0' LT	1	
108+90	15.8' LT	1	
109+00	39.7' LT	1	
110+50	38.8' LT	1	
111+83	16.1' LT	1	
111+93	16.1' LT	1	
112+00	35.0' LT	1	
116+30	16.3' LT	1	
117+94	16.0' LT	1	
118+05	16.0' LT	1	
119+85	15.8' LT	1	
123+90	16.0' LT	1	
125+83	36.1' LT	1	
126+20	16.1' LT	1	
126+20	16.1' LT	1	
129+10	18.9' LT	1	
135TH ST			
8+45	20.7' LT	1	
8+70	20.7' LT	1	
12+69	30.9' RT	1	
131ST ST			
21+00	29.0' RT	1	
21+10	47.3' LT	1	
21+39	36.4' LT	1	
21+50	52.7' LT	1	
18+20	21.6' RT	1	
STAGE 3			
89+00	34.5' LT	1	
105+80	19.2' RT	1	
108+90	16.2' RT	1	
111+83	16.1' RT	1	
111+93	16.1' RT	1	
116+30	16.0' RT	1	
117+94	16.3' RT	1	
118+04	16.0' RT	1	
119+85	16.0' RT	1	
123+90	16.2' RT	1	
126+20	17.3' RT	1	
126+30	17.5' RT	1	
129+10	17.2' RT	1	

TOTAL 44

HOT MIX ASPHALT SURFACE REMOVAL - BUTT JOINT			
STATION	AREA (SQ YD)		
IL RTE 7			
92+48	92+53	13	
135+81	135+85	18	
131ST STREET			
18+12	18+17	21	

TOTAL = 52

PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 8"			
STATION	AREA (SQ.YD)		
131ST STREET			
18+12	18+68	9	

TOTAL = 9

HOT-MIX ASPHALT BASE COURSE WIDENING, 8"			
STATION	AREA (SQ. YD)		
IL RTE 7			
92+48	97+25	63	
134+08	134+59	34	
131ST STREET			
18+68	19+25	28	

TOTAL = 125

HOT-MIX ASPHALT BASE COURSE 8"			
STATION	AREA (SQ.YD)		
IL RTE 7			
97+25	111+00	6755	
111+00	126+00	5338	
126+00	133+02	5963	
133+02	134+08	101	
131ST STREET			
19+25	20+28	92	

TOTAL = 18249

HOT-MIX ASPHALT BASE COURSE 10"			
STATION	AREA (SQ.YD)		
135TH STREET			
9+00	14+20	2542	

TOTAL = 2542

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50			
LOCATION	THICKNESS (IN)	QUANTITY (TON)	
MULTI-USE PATH			
TOTAL	2.00	263	

HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70			
STATION	HMA AREA (SQ YD)	QUANTITY (TON)	
IL RTE 7			
92+47	96+00	1098.3	123
96+00	97+25	469.0	53
97+25	111+00	9296.9	1041
111+00	126+00	5337.8	598
126+00	133+02	5962.8	668
133+02	135+85	1337.5	150
131ST STREET			
18+12	20+28	1136.1	127

TOTAL = 2759

PCC SIDEWALK 5 INCH			
STATION	AREA (SQ.FT)		
IL RTE 7			
101+00	101+28	119	
102+38	102+57	132	
129+65	130+12	578	
130+27	130+82	544	
131+64	131+90	186	

TOTAL = 1559

DETECTABLE WARNINGS				
FROM STATION	TO STATION	SIDE	AREA SQ FT	
130+00	130+08	LT	17	
130+26	130+35	RT	56	
131+62	131+70	RT	24	

TOTAL 97

DETECTABLE WARNINGS, SPEICAL				
FROM STATION	TO STATION	SIDE	AREA SQ FT	
101+19	101+33	LT	25	
102+35	102+51	LT	30	

TOTAL 55

LOCATION	UNSUITABLE EXCAVATION* (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	
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DRIVEWAY QUANTITY SCHEDULE					
STATION	OFFSET	EXISTING PAVEMENT STRUCTURE AND TYPE	DRIVEWAY PAVEMENT REMOVAL (SQ. YD.)	HOT-MIX ASPHALT DRIVEWAY PVMT 10 (SQ. YD.)	AGG. FOR TEMP ACCESS (EACH)
IL RTE 7 - STA. 71+40 TO STA. 81+00					
71+91	RT	C.E. HMA	168	168	1
74+52	RT	C.E. HMA	149	146	1
75+85	RT	C.E. HMA	125	126	1
76+58	RT	C.E. HMA	78	72	1
78+25	RT	C.E. HMA	134	134	1
79+41	RT	C.E. HMA	192	171	1
IL RTE 7 - STA. 81+00 TO STA. 96+00					
81+00	RT	C.E. HMA	107	118	1
85+95	RT	C.E. HMA	75	75	1
IL RTE 7 - STA. 96+00 TO STA. 111+00					
109+30	LT	C.E. HMA	135	67	1
109+32	RT	C.E. HMA	460	606	1
IL RTE 7 - STA. 111+00 TO STA. 126+00					
120+32	RT	C.E. HMA	150	152	1
IL RTE 7 - STA. 126+00 TO STA. 135+85					
126+90	LT	C.E. HMA	-	202	1
129+23	LT	C.E. HMA	184		
131ST STREET					
18+44	RT	C.E. HMA	123	106	1
PARKING LOT					
109+63	116+10		242	INCLUDED IN 109+32	
TOTAL =			2320	2143	13

AGGREGATE SHOULDERS, TYPE B 6"			
FROM STATION	TO STATION		AREA SQ YD
IL RTE 7			
92+48	96+00	LT	156
92+48	96+00	RT	157
96+00	97+25	LT	55
96+00	97+25	RT	56
97+25	105+43	LT	130
97+25	106+09	RT	186
126+00	135+85	LT	131
126+00	135+85	RT	219
131st ST			
9+68	10+97	RT	58
135th ST			
22+72	25+00	RT	73
TOTAL			1,220

STORM SEWER REMOVAL 12"				
FROM STATION	SIDE	TO STATION	SIDE	LENGTH FEET
IL RTE 7				
P-T1				21
P-T2				28
P-T3				20
P-T4				20
P-T5				21
P-T6				16
122+27	LT	122+32	LT	10
122+41	LT	122+43	LT	10
P-T7				19
124+18	LT	124+18	RT	20
P-T8				15
129+04	LT	129+37	LT	33
P-T9				24
130+14	LT	130+22	RT	8
TOTAL				265

STORM SEWER REMOVAL 48"				
FROM STATION	SIDE	TO STATION	SIDE	LENGTH FEET
IL RTE 7				
78+00	RT	79+83	RT	178
80+79	RT	81+20	RT	41
84+61	RT	86+62	RT	201
72+47	LT	73+33	RT	112
86+62	RT	88+82	RT	220
109+21	RT	110+34	RT	113
TOTAL				865

SANITARY MANHOLES TO BE ADJUSTED			
STATION	OFFSET		QUANTITY (EA)
102+98	49.0	RT	1
109+72	34.7	RT	1
109+72	40.7	RT	1
112+55	93.5	RT	1
116+88	40.5	RT	1
117+00	70.0	RT	1
123+79	44.7	RT	1
131+40	28.5	RT	1
131+87	38.8	RT	1
133+32	2.2	LT	1
TOTAL			10

HOT-MIX ASPHALT SHOULDERS, 8"			
FROM STATION	TO STATION		AREA SQ YD
IL RTE 7			
92+48	96+00	LT	312
92+48	96+00	RT	313
96+00	97+25	LT	111
96+00	97+25	RT	111
97+25	105+43	LT	242
97+25	106+09	RT	258
126+00	135+85	LT	186
126+00	135+85	RT	294
131st ST			
22+72	25+00	RT	101
135th ST			
9+67	10+98	RT	57
TOTAL			1,987

STORM SEWER REMOVAL 15"				
FROM STATION	SIDE	TO STATION	SIDE	LENGTH FEET
IL RTE 7				
71+46	RT	71+55	RT	11
121+37	LT	121+64	LT	28
122+32	LT	122+34	LT	10
124+16	RT	124+16	RT	18
130+35	LT	133+76	LT	57
130+93	LT	131+63	RT	173
TOTAL				297

STORM SEWER REMOVAL 60"				
FROM STATION	SIDE	TO STATION	SIDE	LENGTH FEET
IL RTE 7				
73+33	RT	76+89	RT	357
120+07	RT	120+57	RT	54
128+77	RT	130+47	RT	169
TOTAL				580

SANITARY MANHOLES TO BE RECONSTRUCTED			
STATION	OFFSET		QUANTITY (EA)
130+13	37.3'	LT	1
131+57	45.6'	RT	1
131+68	44.4'	RT	1
131+80	27.1'	RT	1
TOTAL			4

PAVEMENT REMOVAL		
FROM STATION	TO STATION	AREA (SQ YD)
IL RTE 7		
97+25	107+00	6,624
107+00	111+00	1,467
111+00	126+00	4,686
126+00	133+02	5,478
TEMPORARY PAVEMENT REMOVAL		
		3,161
TOTAL		21,415

COMBINATION CURB AND GUTTER REMOVAL				
FROM STATION	TO STATION	SIDE	LENGTH FEET	
IL RTE 7				
71+59	71+80	RT	32	
72+02	72+24	RT	32	
74+18	74+40	RT	34	
74+65	74+90	RT	39	
109+60	109+80	RT	55	
110+46	111+00	RT	138	
120+00	120+18	RT	34	
120+45	120+63	RT	33	
135TH STREET				
9+68	10+97	LT	137	
10+97	12+40	LT	173	
11+91	13+79	RT	209	
13+03	14+44	LT	204	
TOTAL				1,121

CONCRETE HEADWALL REMOVAL			
STATION	OFFSET		QUANTITY
72+47	35.1'	LT	1
88+82	37.8'	RT	1
109+18	25.5'	LT	1
109+40	25.5'	LT	1
109+21	63.8'	RT	1
110+34	57.5'	RT	1
110+43	15.5'	LT	1
120+07	51.1'	RT	1
120+57	51.6'	RT	1
122+99	48.9'	RT	1
122+34	16'	LT	1
128+77	58.5'	RT	1
130+47	56.2'	RT	1
24+40	34'	LT	1
24+47	28.8'	RT	1
TOTAL			15

STORM SEWER REMOVAL 24"				
FROM STATION	SIDE	TO STATION	SIDE	LENGTH FEET
IL RTE 7				
86+27	LT	86+62	RT	88
118+70	LT	118+70	RT	75
125+09	LT	125+09	RT	75
101+98	RT	101+98	RT	22
TOTAL				260

MANHOLES TO BE ADJUSTED			
STATION	OFFSET		QUANTITY (EA)
87+50	38.0	LT	1
18+20	21.5	RT	1
TOTAL			2

FENCE REMOVAL			
FROM STATION	TO STATION	SIDE	LENGTH FEET
IL RTE 7			
122+53	124+77	LT	224
129+36	129+65	RT	29
131ST STREET			
23+02	24+33	LT	161
24+58	24+73	LT	18
TOTAL			432

HOT-MIX ASPHALT SURFACE REMOVAL, 2"		
FROM STATION	TO STATION	AREA (SQ YD)
IL RTE 7		
92+48	92+53	13
92+53	96+00	1,044
96+00	97+25	466
133+02	135+81	1,233
135+81	135+85	18
131ST STREET		
18+12	18+17	21
18+17	20+27	987
TOTAL		3,782

SIDEWALK REMOVAL			
FROM STATION	TO STATION	SIDE	AREA SQ FT
131ST STREET			
21+00	21+60	RT	305
22+83	24+12	RT	791
TOTAL			1,096

STORM SEWER REMOVAL 36"				
FROM STATION	SIDE	TO STATION	SIDE	LENGTH FEET
IL RTE 7				
71+46	RT	73+33	RT	179
TOTAL				179

VALVE VAULTS TO BE ADJUSTED			
STATION	OFFSET		QUANTITY (EA)
125+06	103.8	RT	1
126+46	99.4	RT	1
127+95	105.2	RT	1
127+97	102.9	RT	1
TOTAL			4

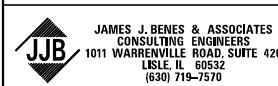
TEMPORARY PAVEMENT		
FROM STATION	TO STATION	AREA (SQ YD)
STAGE 1A		
22+00	26+00	166
STAGE 1B		
18+00	27+00	1,002
STAGE 2		
94+18	101+34	648
103+13	108+97	260
110+65	119+92	409
120+73	130+60	433
131+61	135+85	243
TOTAL		3,161

CURB REMOVAL			
FROM STATION	TO STATION	SIDE	LENGTH FEET
IL RTE 7			
109+42	109+44	RT	22
TOTAL			22

REMOVE EXISTING FLARED END SECTION			
STATION	OFFSET		QUANTITY
117+61	25.5'	LT	1
122+32	28'	LT	1
122+34	26.6'	LT	1
122+43	22.5'	LT	1
125+09	23.1'	LT	1
130+35	45.5'	LT	1
130+63	67.2'	RT	1
18+95	28.7'	RT	1
TOTAL			8

REMOVING MANHOLES			
STATION	OFFSET		QUANTITY (EA)
71+46	34.4'	RT	1
73+33	35.1'	RT	1
75+00	40.2'	RT	1
110+37	82.9'	RT	1
TOTAL			4

REMOVING INLETS			
STATION	OFFSET		QUANTITY (EA)
102+24	71.1'	RT	1
102+93	77.9'	RT	1
TOTAL			2



USER NAME = *USER*	DESIGNED - BLG	REVISED -
PLOT SCALE = *SCALE*	DRAWN - SMP	REVISED -
PLOT DATE = *DATE*	CHECKED - BLG	REVISED -
	DATE - 12/09/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
SCALE: N/A	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK		

CONCRETE CURB, TYPE B			
STATION			QUANTITY (FEET)
FROM	TO	SIDE	
ROUTE 7 109+00	111+00	RT	111
TOTAL			111

STRONG POST GUARDRAIL ATTACHED TO CULVERT			
STATION			QUANTITY (FEET)
FROM	TO	SIDE	
131ST STREET 22+89	27+00	LT	32
TOTAL			32

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12			
STATION			QUANTITY (FEET)
FROM	TO	SIDE	
ROUTE 7			
71+55	71+80	RT	34
72+04	72+26	RT	32
74+20	74+41	RT	33
74+64	74+90	RT	39
108+97	109+12	RT	86
109+42	109+85	RT	135
110+28	110+59	RT	118
119+95	120+18	RT	60
120+46	120+70	RT	60
125+90	126+73	LT	110
127+07	129+55	LT	276
TOTAL			983

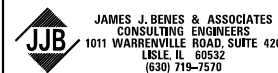
LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN			
STATION			QUANTITY (FEET)
FROM	TO	SIDE	
ROUTE 7			
103+39	109+12	RT	12.5
110+30	111+00	RT	12.5
135TH STREET			
6+90	11+86	LT	25
TOTAL			50

LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN			
STATION			QUANTITY (FEET)
FROM	TO	SIDE	
ROUTE 7			
122+16		RT	19
122+47		RT	19
TOTAL			38

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24			
STATION			QUANTITY (FEET)
FROM	TO	SIDE	
ROUTE 7			
100+19	101+35	LT	145
101+35	102+97	RT	238
101+14	111+00	LT	1075
103+46	111+00	RT	949
111+00	126+00	LT	1500
111+00	126+00	RT	1500
126+00	129+21	LT	740
126+00	130+91	RT	527
131ST STREET			
22+89	27+00	LT	168
TOTAL			6,842

GUARDRAIL REMOVAL			
FROM	TO	SIDE	LENGTH (FEET)
IL RTE 7			
89+15	91+93	RT	281
96+83	99+83	RT	304
117+53	120+17	RT	276
120+48	123+10	RT	275
135TH STREET			
7+59	9+35	LT	176
12+86	13+93	RT	107
131ST STREET			
21+90	25+76	RT	440
23+66	25+81	LT	216
TOTAL			2,075

STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS			
STATION			QUANTITY (FEET)
FROM	TO	SIDE	
ROUTE 7			
87+28	96+00	RT	874
96+00	99+68	RT	374
103+39	109+12	RT	783
110+30	111+00	RT	159
111+00	120+16	RT	1441
120+48	124+00	RT	369
135TH STREET			
6+90	11+86	LT	482
131ST STREET			
22+89	27+00	LT	410
TOTAL			4,892



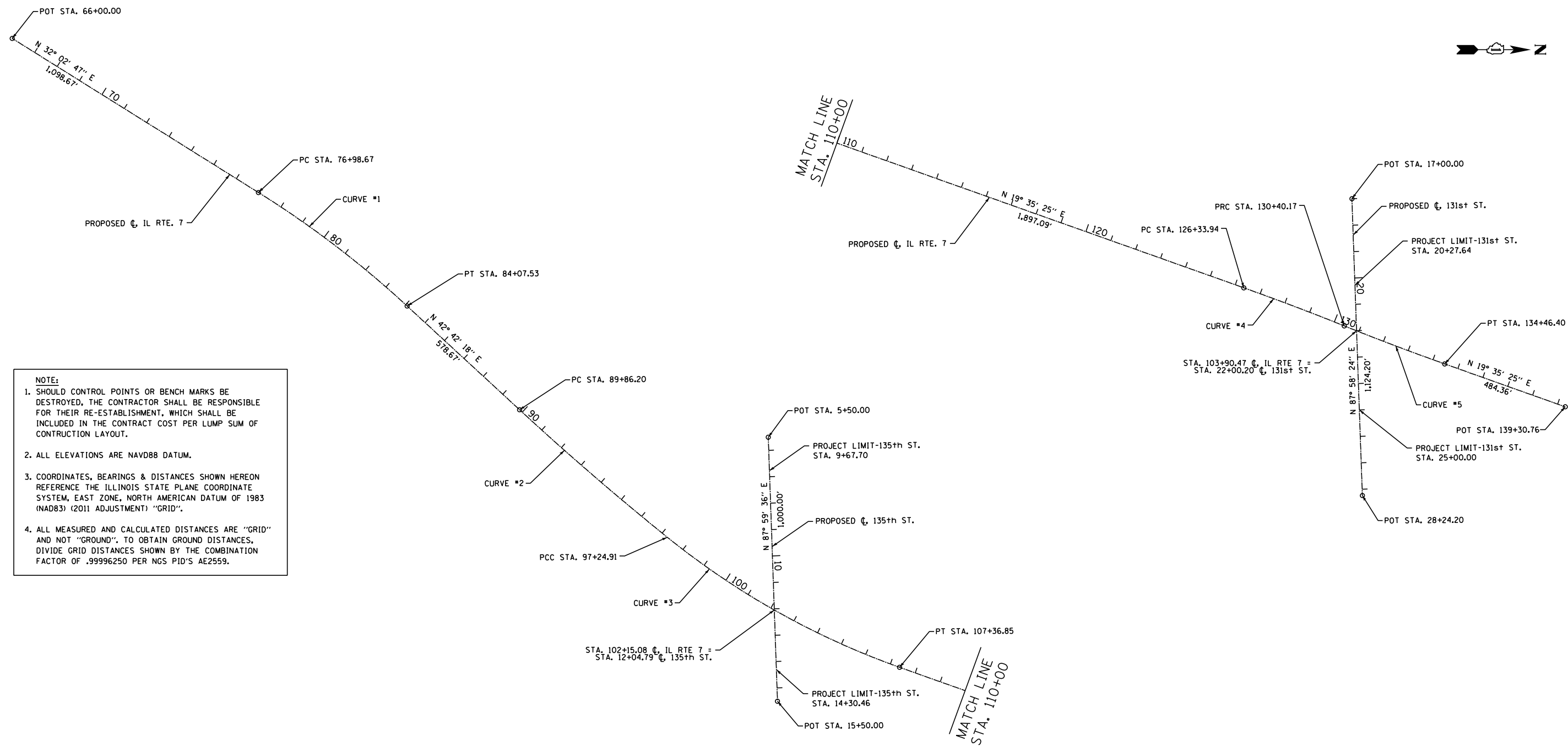
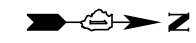
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PLOT SCALE = *SCALE*	DRAWN - SMP	REVISED -
PLOT DATE = *DATE*	CHECKED - BLG	REVISED -
	DATE - 12/09/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N/A SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	28
CONTRACT NO. 62H82			ILLINOIS FED. AID PROJECT	



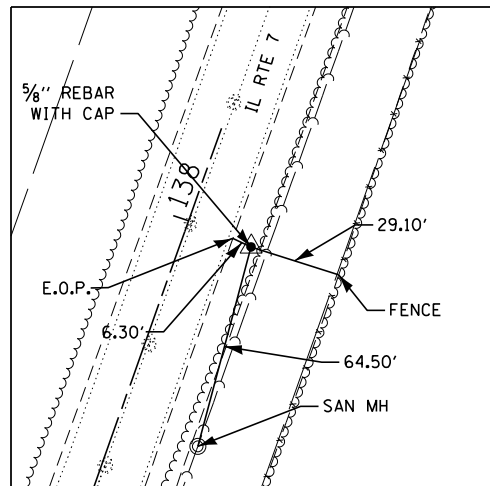
NOTE:

1. SHOULD CONTROL POINTS OR BENCH MARKS BE DESTROYED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR RE-ESTABLISHMENT, WHICH SHALL BE INCLUDED IN THE CONTRACT COST PER LUMP SUM OF CONSTRUCTION LAYOUT.
2. ALL ELEVATIONS ARE NAVD88 DATUM.
3. COORDINATES, BEARINGS & DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (NAD83) (2011 ADJUSTMENT) "GRID".
4. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" AND NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF .99996250 PER NGS PID'S AE2559.

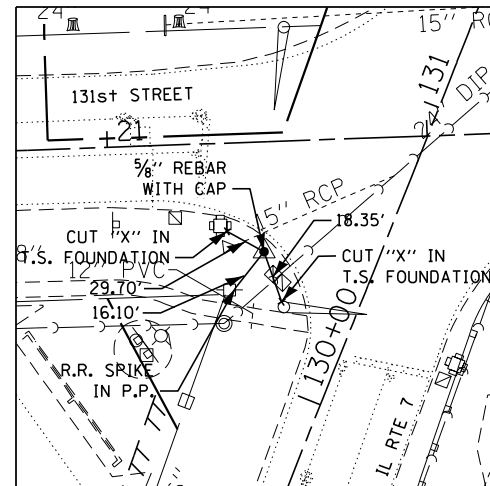
BENCH MARK SUMMARY

- BM#1: CUT "+" IN TOP SOUTHERLY FLANGE BOLT ON FIRE HYDRANT. FIRE HYDRANT LOCATED ALONG IL RTE 7 SOUTH OF ENTRANCE TO "VILLAGE OF ORLAND PARK NATURE CENTER", NEAR STA. 67+52 LT. ELEVATION = 681.69 (NAVD88)
- BM#2: TOP OF RR SPIKE IN WEST SIDE OF POWER POLE NORTHERLY OF "MAGEL AUTO" ENTRANCE LOCATED ALONG IL RTE 7, NEAR STA. 74+92 RT. ELEVATION = 679.30 (NAVD88)
- BM#3: CUT "+" IN TOP EASTERLY FLANGE BOLT ON FIRE HYDRANT. FIRE HYDRANT LOCATED ALONG IL RTE 7 NEAR "AUTO MEDICS" AT STA. 80+30 RT. ELEVATION = 681.85 (NAVD88)
- BM#4: CUT "+" IN NORTHWEST CORNER OF CONCRETE SIDEWALK IN FRONT OF "ORLAND INDUSTRIAL PARK" ALONG IL ROUTE 7, NEAR STA. 86+92 LT. ELEVATION = 677.68 (NAVD88)
- BM#5: CUT "□" IN TOP NORTHWEST CORNER OF CONCRETE TRAFFIC SIGNAL MASTARM FOUNDATION LOCATED AT THE SOUTHEAST CORNER OF IL RTE 7 AND 135th STREET, NEAR STA. 102+25 RT. ELEVATION = 672.84 (NAVD88)
- BM#6: CUT "□" IN EAST END OF HEADWALL OF CONCRETE STRUCTURE NORTHERLY OF COMMERCIAL ENTRANCE LOCATED ALONG THE IL RTE 7, NEAR STA. 110+34 RT. ELEVATION = 670.28 (NAVD88)
- BM#7: CUT "□" IN EAST END OF HEADWALL OF CONCRETE STRUCTURE SOUTHERLY OF COMMERCIAL ENTRANCE LOCATED ALONG IL RTE 7, NEAR STA. 120+03 RT. ELEVATION = 669.52 (NAVD88)
- BM#8: CUT "□" IN TOP NORTHEAST CORNER OF CONCRETE TRAFFIC SIGNAL POST FOUNDATION LOCATED AT THE SOUTHWEST CORNER OF IL RTE 7 AND 131st STREET, NEAR STA. 130+40 LT. ELEVATION = 672.36 (NAVD88)

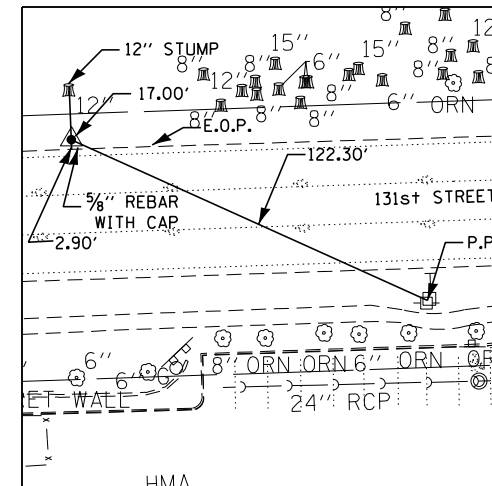
PROPOSED CURVE NO.	Δ	R	T	L	E	SE	P.O.T./PI STATION	P.O.T./PI COORDINATE		PC STATION	P.C. COORDINATES		PT STATION	P.T. COORDINATES	
								NORTHING	EASTING		NORTHING	EASTING		NORTHING	EASTING
IL RTE. 7							66+00.00	1,810,795.5812	1,115,640.3408						
1	10°39'31"	3,810.50'	355.46'	708.86'	16.54'	N.C.	80+54.12	1,812,028.1234	1,116,411.9085	76+98.67	1,811,726.8335	1,116,223.3020	84+07.53	1,812,289.3311	1,116,652.9866
2	3°47'17"	11,173.00'	369.49'	738.71'	6.11'	N.C.	93+55.69	1,812,986.0918	1,117,296.0523	89+86.20	1,812,714.5698	1,117,045.4548	97+24.91	1,813,273.5769	1,117,528.1635
3	19°19'36"	3,000.00'	510.82'	1,011.94'	43.18'	2.8%	102+35.73	1,813,671.0272	1,117,849.0588	97+24.91	1,813,273.5769	1,117,528.1635	107+36.85	1,814,152.2814	1,118,020.3332
4	2°19'39"	10,000.00'	203.14'	406.23'	2.06'	N.C.	128+37.08	1,816,130.9371	1,118,724.5205	126+33.94	1,815,939.5533	1,118,656.4086	130+40.17	1,816,319.3969	1,118,800.3487
5	2°19'39"	10,000.00'	203.14'	406.23'	2.06'	N.C.	132+43.31	1,816,507.8568	1,118,876.1769	130+40.17	1,816,319.3969	1,118,800.3487	134+46.40	1,816,699.2406	1,118,944.2889
							139+30.76	1,817,155.5698	1,119,106.6927						
							5+50.00	1,813,655.4367	1,117,149.2388						
							15+50.00	1,813,690.4513	1,118,148.6256						
135th STREET							17+00.00	1,816,348.4223	1,118,319.1155						
131st STREET							28+24.20	1,816,388.1767	1,119,442.6149						



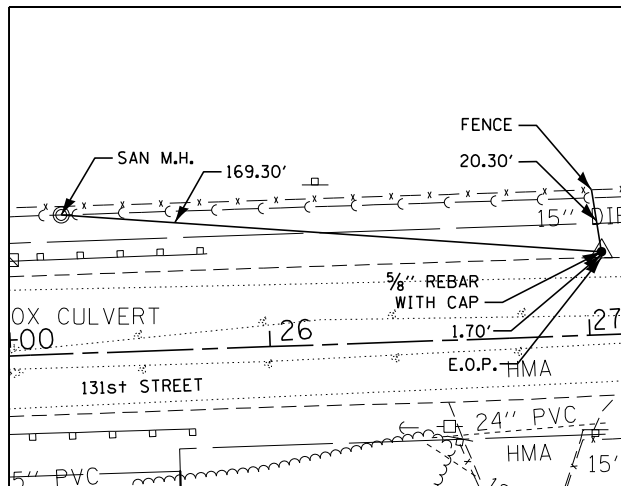
CONTROL POINT #1: STA. 138+98.89, 21.15' RT
 N 1,817,118.446
 E 1,119,115.934
 ELEV=673.99



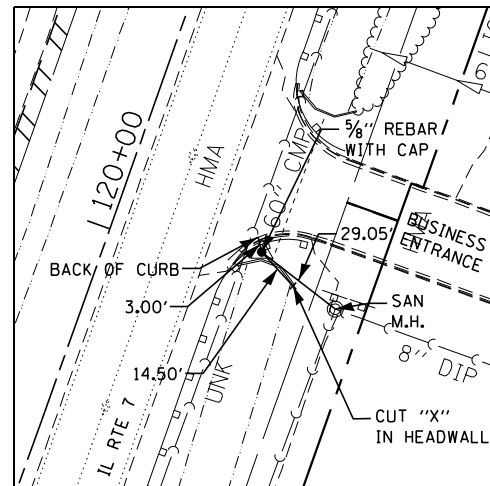
CONTROL POINT #2: STA. 130+37.82, 34.08' LT
 N 1,816,329.931
 E 1,118,767.855
 ELEV=670.92



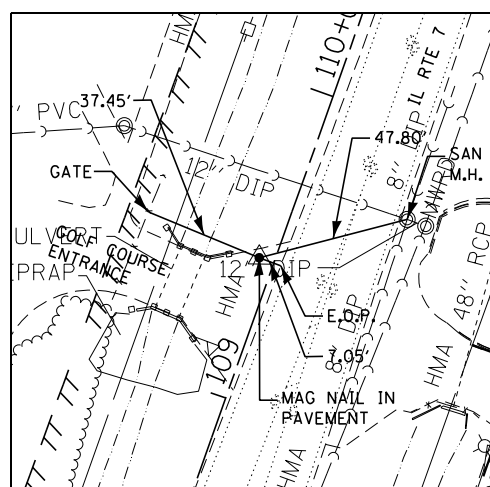
CONTROL POINT #3: STA. 127+66.74, 856.99' LT
 N 1,816,362.405
 E 1,117,898.271
 ELEV=699.09



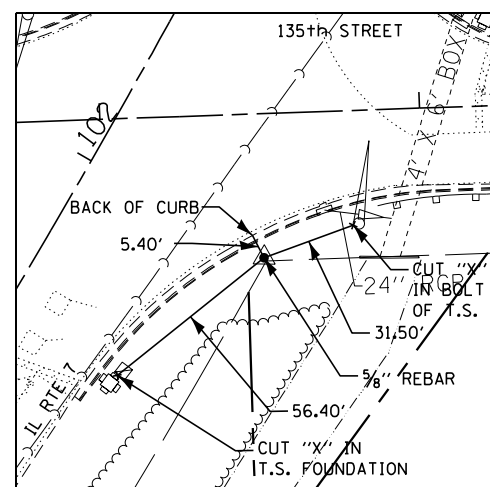
CONTROL POINT #4: STA. 27+04.52, 25.99' LT
 N 1,816,409.918
 E 1,119,322.090
 ELEV=675.42



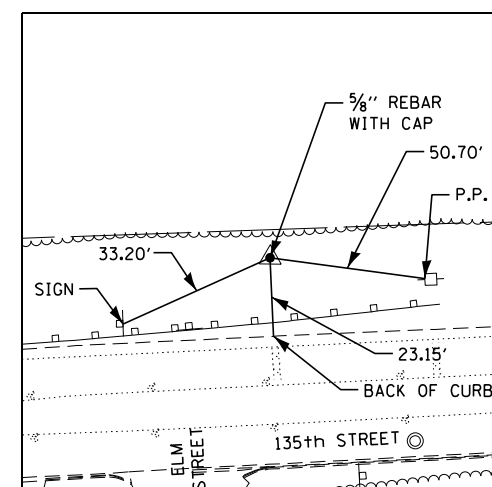
CONTROL POINT #5: STA. 120+09.21, 47.19' RT
 N 1,815,335.165
 E 1,118,491.401
 ELEV=669.71



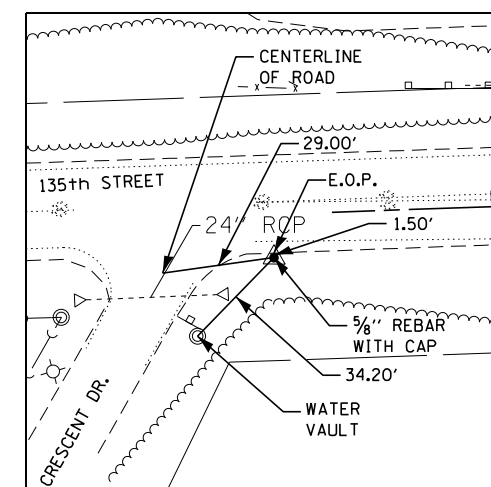
CONTROL POINT #6: STA. 109+44.82, 4.85' LT
 N 1,814,349.837
 E 1,118,085.491
 ELEV=670.39



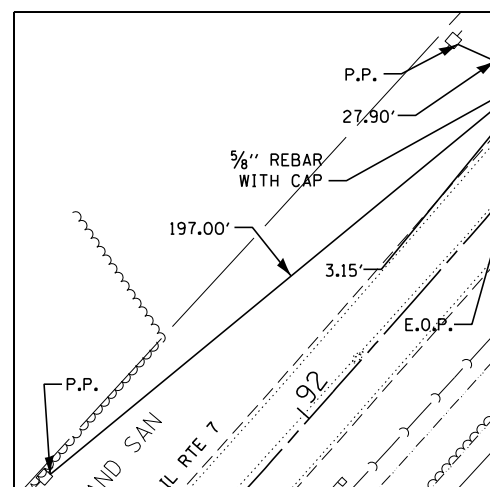
CONTROL POINT #7: STA. 102+00.58, 61.95' RT
 N 1,813,634.946
 E 1,117,850.183
 ELEV=673.21



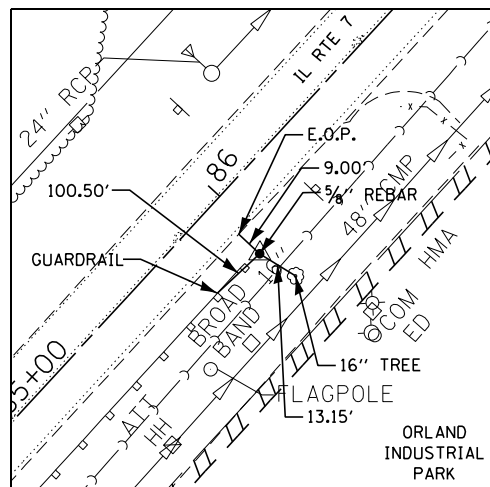
CONTROL POINT #8: STA. 104+76.19, 409.63' RT
 N 1,813,740.494
 E 1,118,294.927
 ELEV=687.29



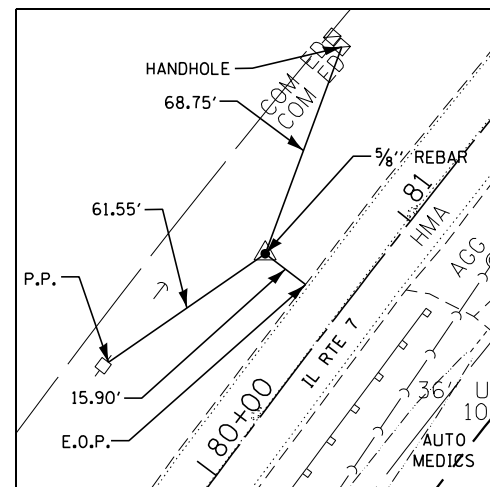
CONTROL POINT #9: STA. 97+69.57, 539.57' LT
 N 1,813,641.198
 E 1,117,131.139
 ELEV=676.17



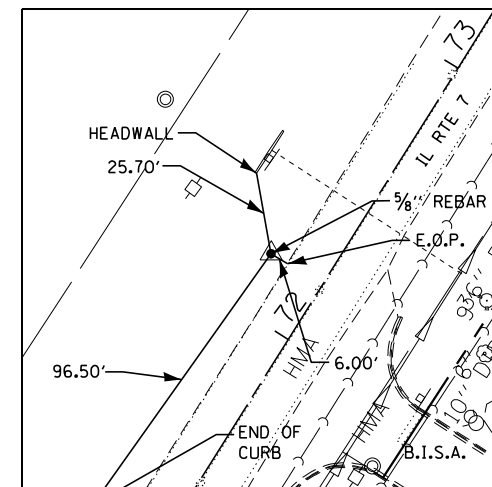
CONTROL POINT #10: STA. 93+26.08, 17.99' LT
 N 1,812,979.598
 E 1,117,258.553
 ELEV=675.05



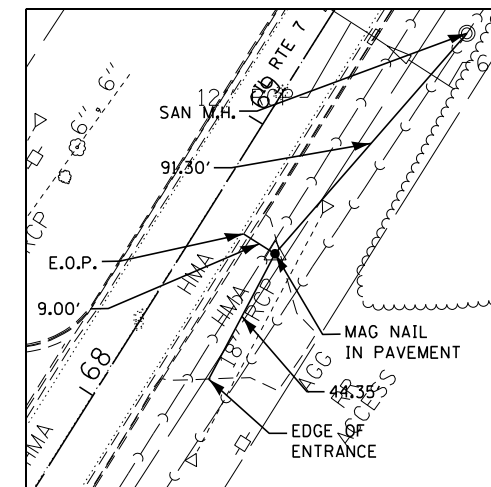
CONTROL POINT #11: STA. 85+95.33, 21.29' RT
 N 1,812,412.903
 E 1,116,796.004
 ELEV=675.59



CONTROL POINT #12: STA. 80+64.27, 29.62' LT
 N 1,812,045.001
 E 1,116,408.362
 ELEV=677.39



CONTROL POINT #13: STA. 72+19.86, 18.76' LT
 N 1,811,330.939
 E 1,115,953.344
 ELEV=678.23

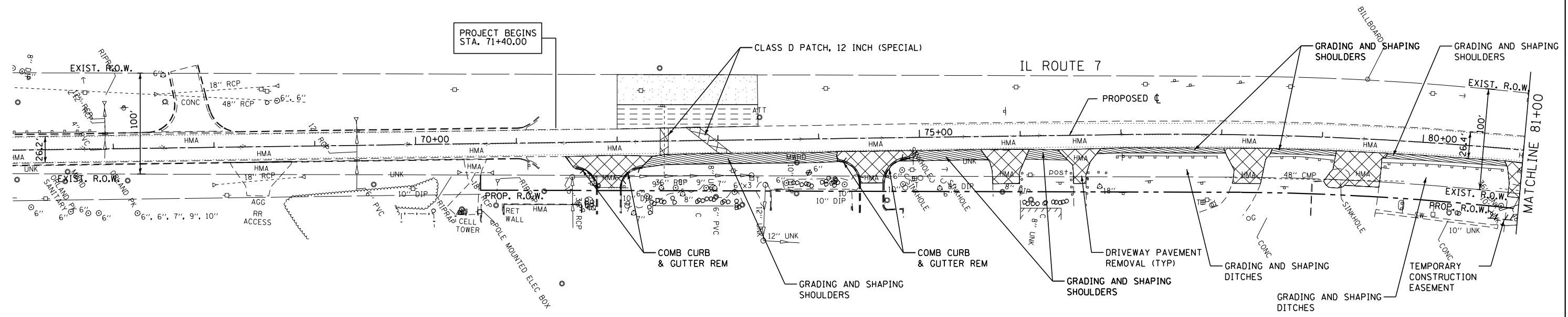


CONTROL POINT #14: STA. 68+67.76, 24.71' RT
 N 1,811,009.427
 E 1,115,803.359
 ELEV=680.44

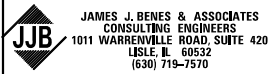
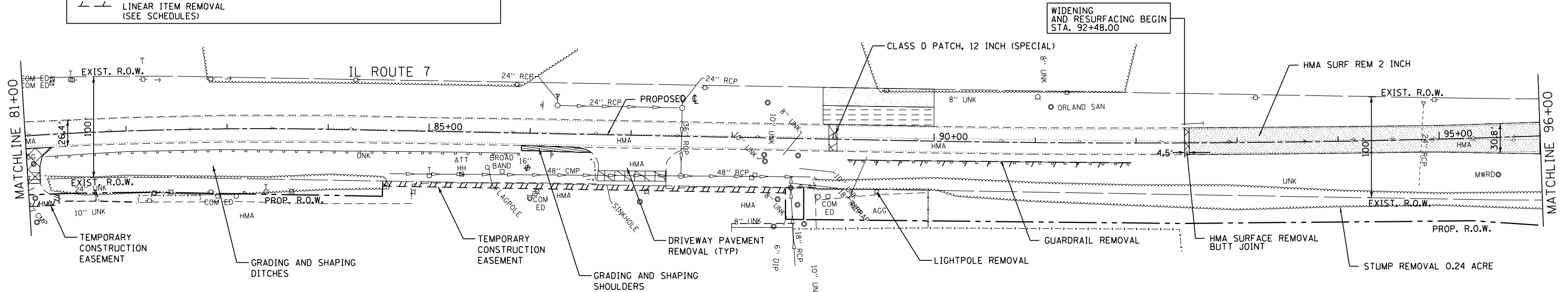
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#MODELNAME#	PLOT SCALE = #SCALE#	DRAWN - SMP	REVISED -					3578	2019-001-R	COOK	255	30
	PLOT DATE = #DATE#	CHECKED - BDH	REVISED -					CONTRACT NO. 62H82				
		DATE - 12/09/2022	REVISED -					SCALE: NTS	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	

NOTE:
 1) REFER TO PLAT OF HIGHWAYS FOR PROPOSED RIGHT-OF-WAY AND TEMPORARY CONSTRUCTION EASEMENT STATION AND OFFSET LOCATION

2) TREES IDENTIFIED FOR REMOVAL WILL BE CUT OFF AT GROUND LEVEL AS PART OF THE CONTRACT 62U34, ADVANCE TREE REMOVAL CONTRACT. NO TREE REMOVAL OR TREE CLEARING SHALL OCCUR FROM APRIL 1 TO SEPTEMBER 30 DUE TO IDOT'S COMMITMENT TO PROTECT THE NORTHERN LONG-EARED BAT (NLEB). THE REMOVAL OF STUMPS IS EXEMPT FROM THE RESTRICTION DATES.



LEGEND	
	SIDEWALK REMOVAL
	HMA SURFACE REMOVAL
	PAVEMENT REMOVAL OR DRIVEWAY PAVEMENT REMOVAL OR PAVED SHOULDER REMOVAL
	WEED CONTROL, AQUATIC
	WEED CONTROL, BROADLEAF IN TURF
	GRADING AND SHAPING SHOULDERS
	LINEAR ITEM REMOVAL (SEE SCHEDULES)



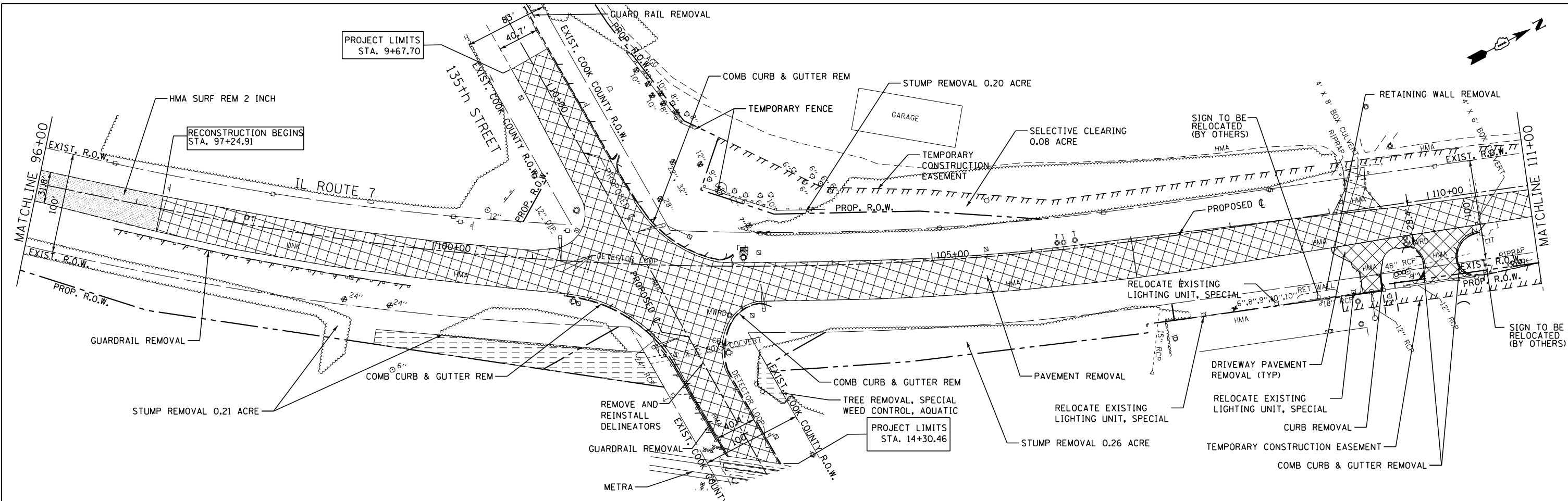
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PLOT DATE = *DATE*	CHECKED - BDH	REVISED -
	DATE - 12/09/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	31
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				



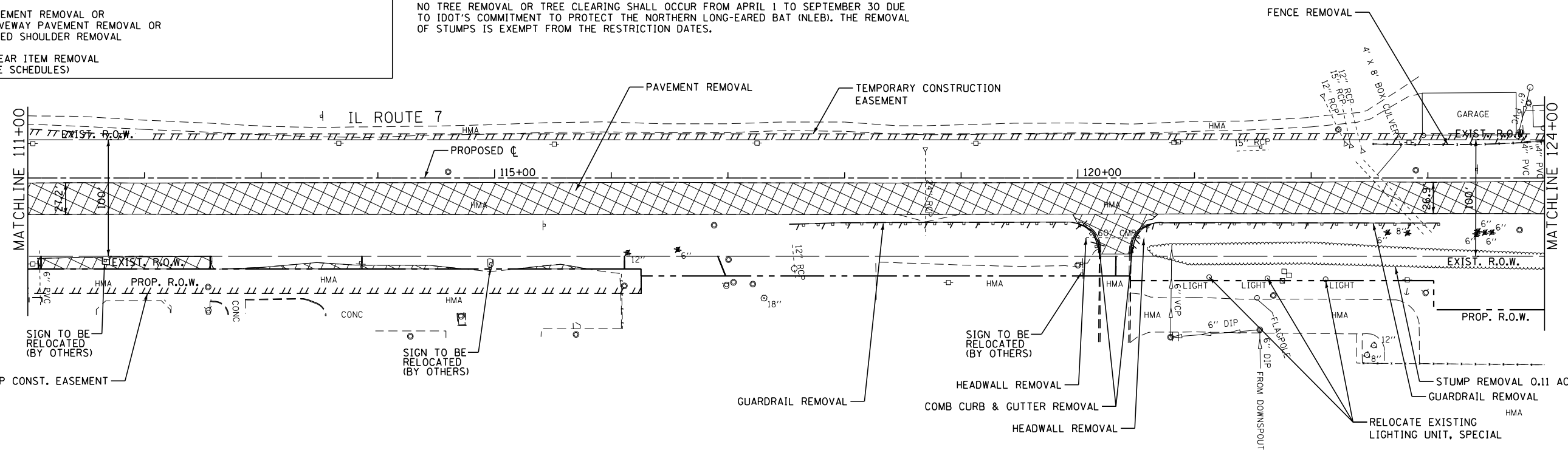
LEGEND

	SIDEWALK REMOVAL		WEED CONTROL, AQUATIC
	HMA SURFACE REMOVAL		WEED CONTROL, BROADLEAF IN TURF
	PAVEMENT REMOVAL OR DRIVEWAY PAVEMENT REMOVAL OR PAVED SHOULDER REMOVAL		
	LINEAR ITEM REMOVAL (SEE SCHEDULES)		

NOTE:

1) REFER TO PLAT OF HIGHWAYS FOR PROPOSED RIGHT-OF-WAY AND TEMPORARY CONSTRUCTION EASEMENT STATION AND OFFSET LOCATION

2) TREES IDENTIFIED FOR REMOVAL WILL BE CUT OFF AT GROUND LEVEL AS PART OF THE CONTRACT 62U34. ADVANCE TREE REMOVAL CONTRACT. NO TREE REMOVAL OR TREE CLEARING SHALL OCCUR FROM APRIL 1 TO SEPTEMBER 30 DUE TO IDOT'S COMMITMENT TO PROTECT THE NORTHERN LONG-EARED BAT (INLEB). THE REMOVAL OF STUMPS IS EXEMPT FROM THE RESTRICTION DATES.



JJB JAMES J. BENES & ASSOCIATES
CONSULTING ENGINEERS
1011 WARRENVILLE ROAD, SUITE 420
LISLE, IL 60532
(630) 719-7570

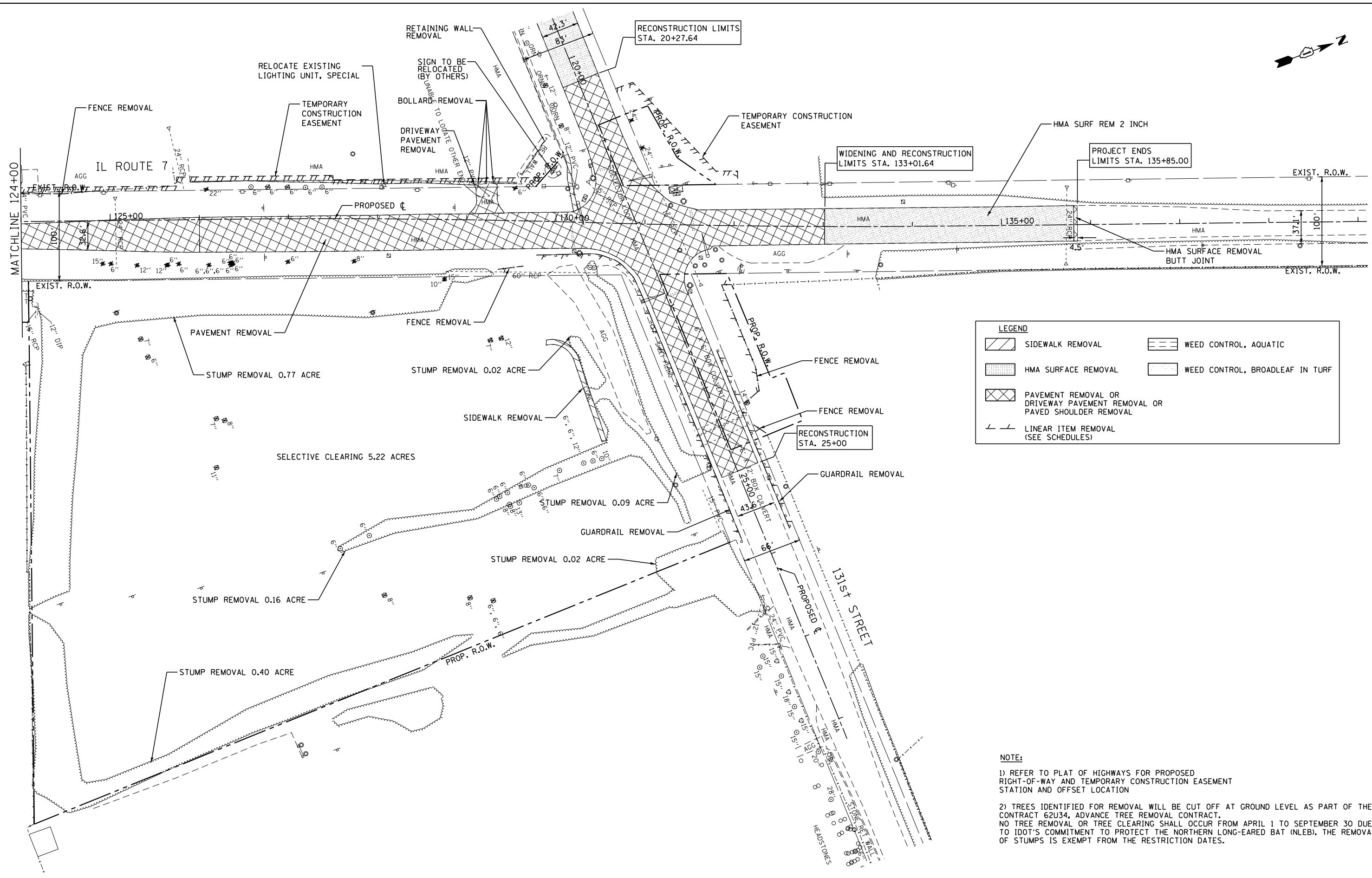
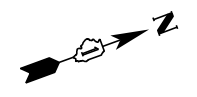
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	DATE - 12/09/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	32
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				



LEGEND

	SIDEWALK REMOVAL		WEED CONTROL, AQUATIC
	HMA SURFACE REMOVAL		WEED CONTROL, BROADLEAF IN TURF
	PAVEMENT REMOVAL OR DRIVEWAY PAVEMENT REMOVAL OR PAVED SHOULDER REMOVAL		
	LINEAR ITEM REMOVAL (SEE SCHEDULES)		

NOTE:

1) REFER TO PLAT OF HIGHWAYS FOR PROPOSED RIGHT-OF-WAY AND TEMPORARY CONSTRUCTION EASEMENT STATION AND OFFSET LOCATION

2) TREES IDENTIFIED FOR REMOVAL WILL BE CUT OFF AT GROUND LEVEL AS PART OF THE CONTRACT 62U34, ADVANCE TREE REMOVAL CONTRACT. NO TREE REMOVAL OR TREE CLEARING SHALL OCCUR FROM APRIL 1 TO SEPTEMBER 30 DUE TO IDOT'S COMMITMENT TO PROTECT THE NORTHERN LONG-EARED BAT (NLEB). THE REMOVAL OF STUMPS IS EXEMPT FROM THE RESTRICTION DATES.

JJB JAMES J. BENES & ASSOCIATES
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1011 WARRENVILLE ROAD, SUITE 420
LISLE, IL 60532
(630) 719-7570

USER NAME = *USER*	DESIGNED - BLG	REVISED -
PLOT SCALE = *SCALE*	DRAWN - JY	REVISED -
PLOT DATE = *DATE*	CHECKED - BDH	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

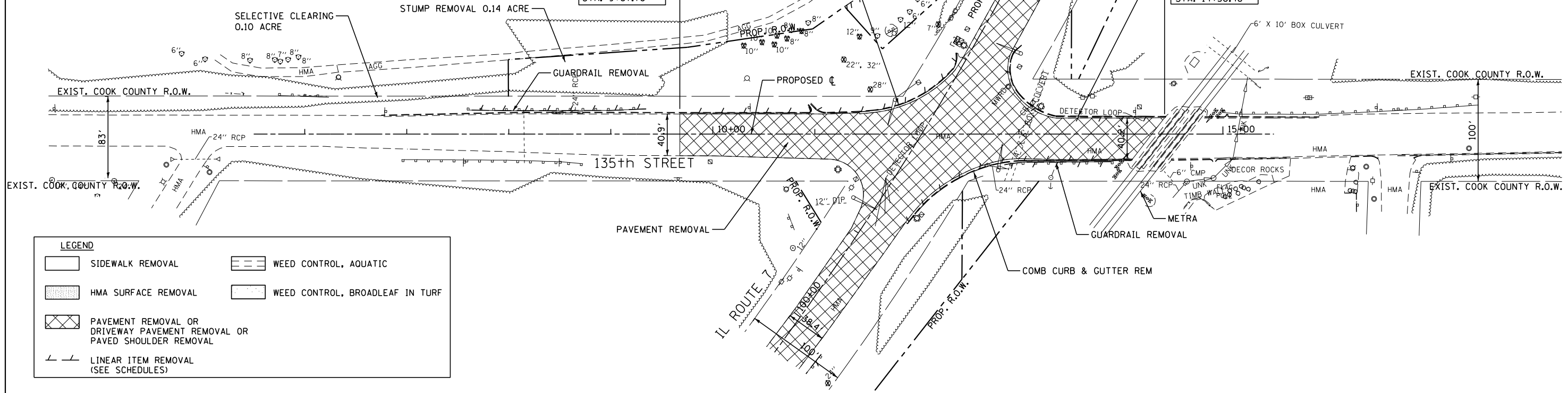
REMOVAL PLAN

SCALE: 1"=50' SHEET OF SHEETS STA. 126+00 TO STA. 135+00

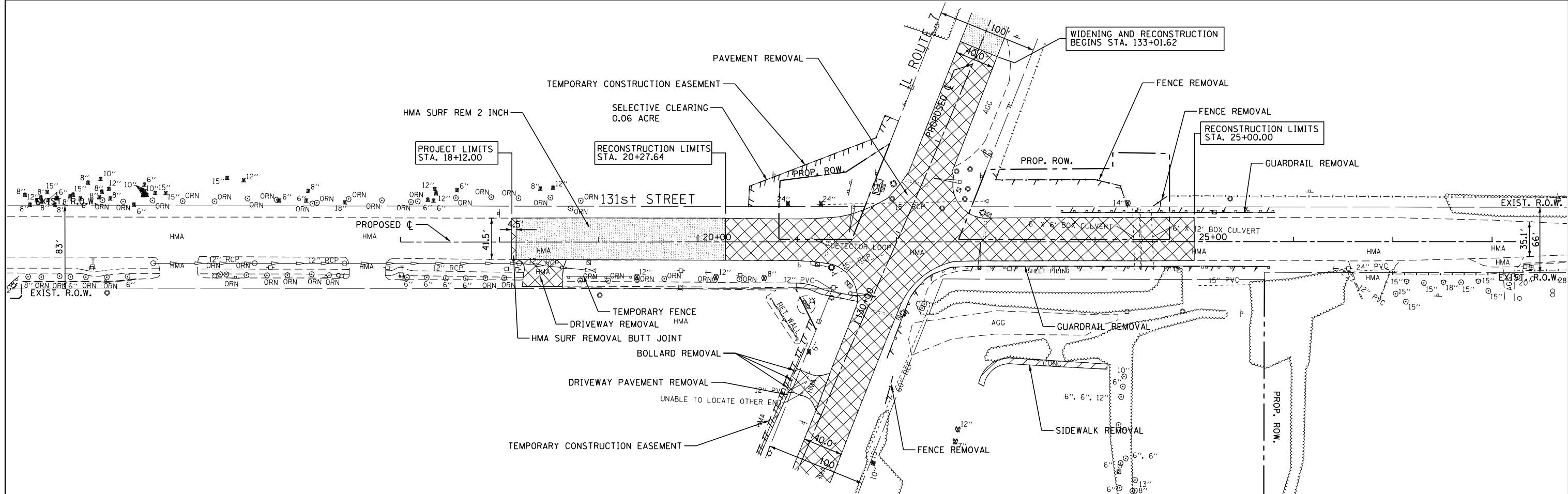
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	33
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				

NOTE:
 1) REFER TO PLAT OF HIGHWAYS FOR PROPOSED RIGHT-OF-WAY AND TEMPORARY CONSTRUCTION EASEMENT STATION AND OFFSET LOCATION

2) TREES IDENTIFIED FOR REMOVAL WILL BE CUT OFF AT GROUND LEVEL AS PART OF THE CONTRACT 62U34. ADVANCE TREE REMOVAL CONTRACT. NO TREE REMOVAL OR TREE CLEARING SHALL OCCUR FROM APRIL 1 TO SEPTEMBER 30 DUE TO IDOT'S COMMITMENT TO PROTECT THE NORTHERN LONG-EARED BAT (NLEB). THE REMOVAL OF STUMPS IS EXEMPT FROM THE RESTRICTION DATES.



LEGEND	
	SIDEWALK REMOVAL
	HMA SURFACE REMOVAL
	PAVEMENT REMOVAL OR DRIVEWAY PAVEMENT REMOVAL OR PAVED SHOULDER REMOVAL
	LINEAR ITEM REMOVAL (SEE SCHEDULES)
	WEED CONTROL, AQUATIC
	WEED CONTROL, BROADLEAF IN TURF



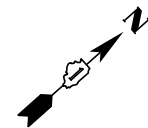
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	DATE - 12/09/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

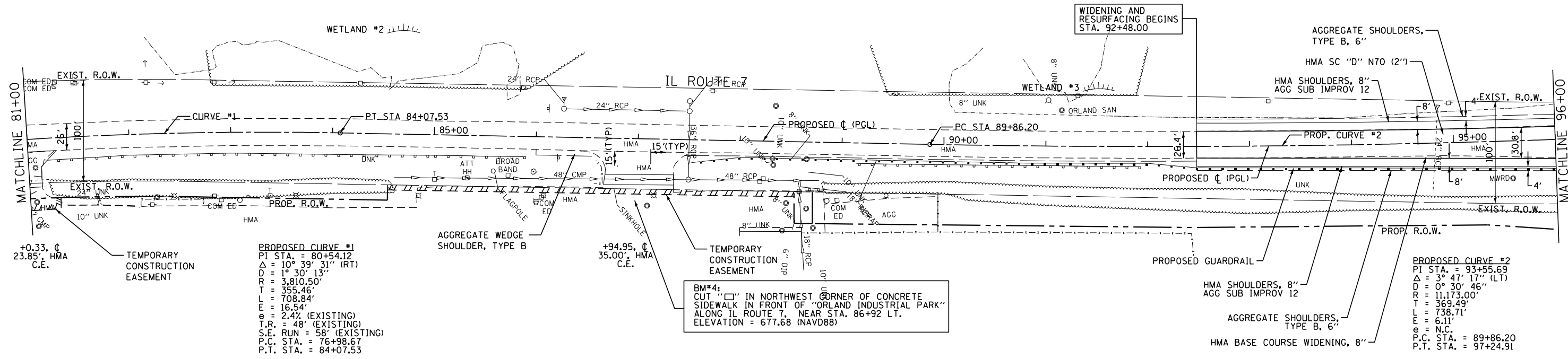
REMOVAL PLAN			
SCALE: 1"=50'	SHEET	OF SHEETS	STA. 126+00 TO STA. 135+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	34
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				

NOTE:
 1) REFER TO PLAT OF HIGHWAYS FOR PROPOSED
 RIGHT-OF-WAY AND TEMPORARY CONSTRUCTION EASEMENT
 STATION AND OFFSET LOCATION



PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	AT/OWN	
	CARD FILE NAME	
	NO.	

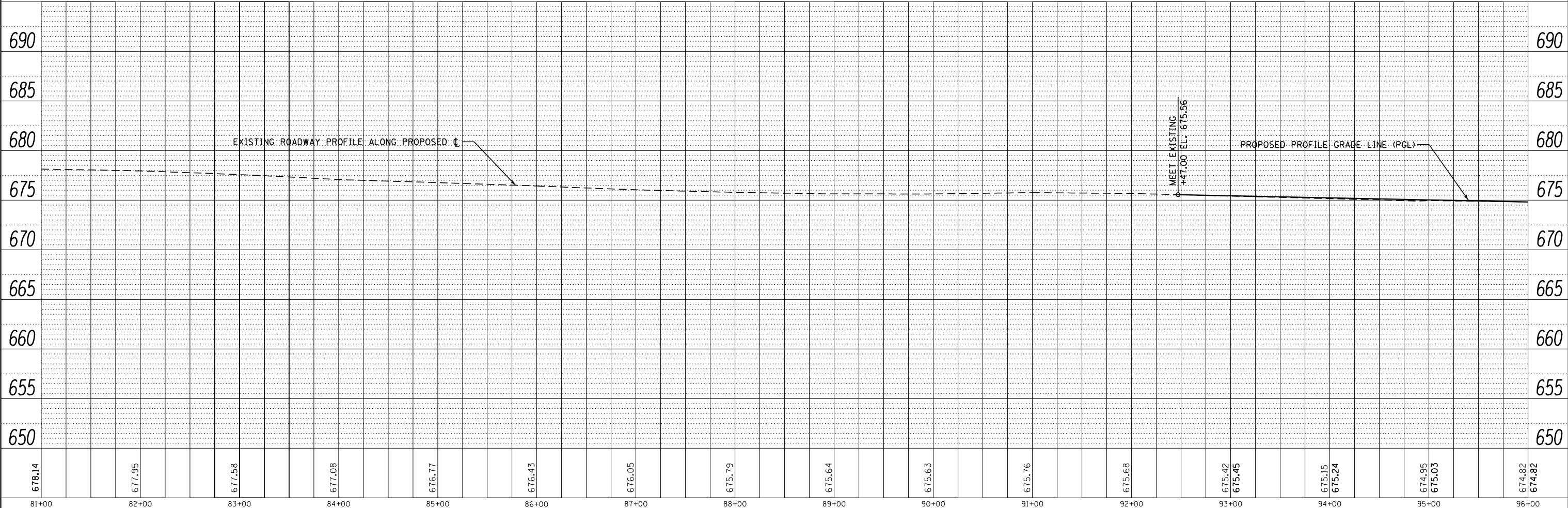


PROPOSED CURVE #1
 PI STA. = 80+54.12
 $\Delta = 10^\circ 39' 31''$ (RT)
 $D = 1^\circ 30' 13''$
 $R = 3,810.50'$
 $T = 355.46'$
 $L = 708.84'$
 $E = 16.54'$
 $e = 2.4\%$ (EXISTING)
 $T.R. = 48'$ (EXISTING)
 $S.E. RUN = 58'$ (EXISTING)
 $P.C. STA. = 76+98.67$
 $P.T. STA. = 84+07.53$

BM#4:
 CUT "□" IN NORTHWEST CORNER OF CONCRETE
 SIDEWALK IN FRONT OF "ORLAND INDUSTRIAL PARK"
 ALONG IL ROUTE 7, NEAR STA. 86+92 LT.
 ELEVATION = 677.68 (NAVD88)

PROPOSED CURVE #2
 PI STA. = 93+55.69
 $\Delta = 3^\circ 47' 17''$ (LT)
 $D = 0^\circ 30' 46''$
 $R = 11,173.00'$
 $T = 369.49'$
 $L = 738.71'$
 $e = 6.1\%$ N.C.
 $P.C. STA. = 89+86.20$
 $P.T. STA. = 97+24.91$

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	GRADES	
	STRUCTURE	
	NOTATIONS	
	CHFD	
	NO.	



678.14	677.95	677.58	677.08	676.77	676.43	676.05	675.79	675.64	675.63	675.76	675.68	675.42	675.45	675.15	675.24	674.95	675.03	674.82	674.82
81+00	82+00	83+00	84+00	85+00	86+00	87+00	88+00	89+00	90+00	91+00	92+00	93+00	94+00	95+00	96+00				

JJB JAMES J. BENES & ASSOCIATES
 CONSULTING ENGINEERS
 1011 WARRENVILLE ROAD, SUITE 420
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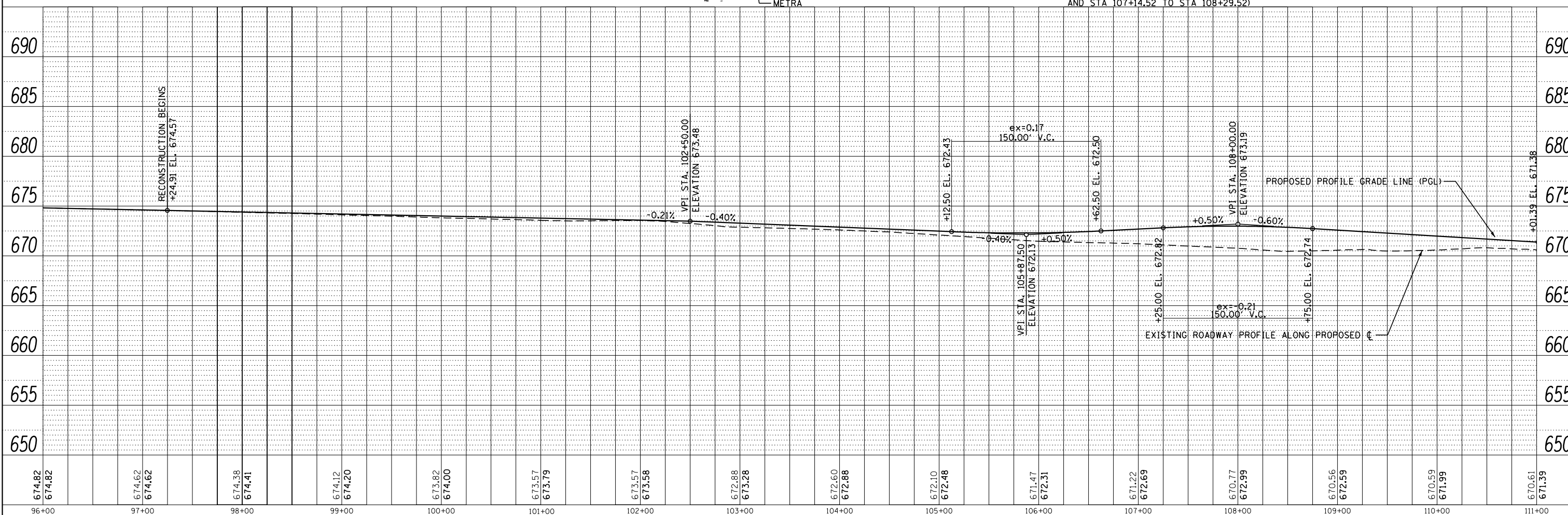
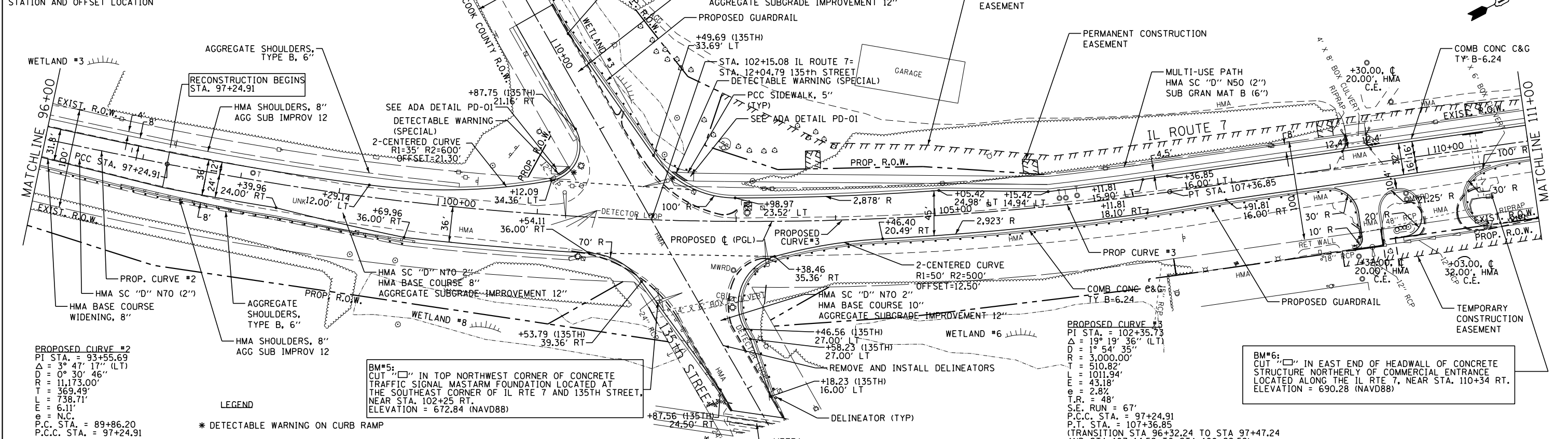
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PLOT DATE = *DATE*	DATE - 12/09/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
 SCALE: 1"=50'
 SHEET 2 OF 7 SHEETS
 STA. 81+00 TO STA. 96+00

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	36
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				

NOTE:
1) REFER TO PLAT OF HIGHWAYS FOR PROPOSED RIGHT-OF-WAY AND TEMPORARY CONSTRUCTION EASEMENT STATION AND OFFSET LOCATION



PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	ATLANTA	
	CARD	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	STRUCTURE	
	NOTATIONS	

JAMES J. BENES & ASSOCIATES
CONSULTING ENGINEERS
1011 WARRENVILLE ROAD, SUITE 420
LISLE, IL 60532
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USER NAME : #USER*
DESIGNED - BLG
DRAWN - SMP
CHECKED - BDH
DATE - 12/09/2022

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

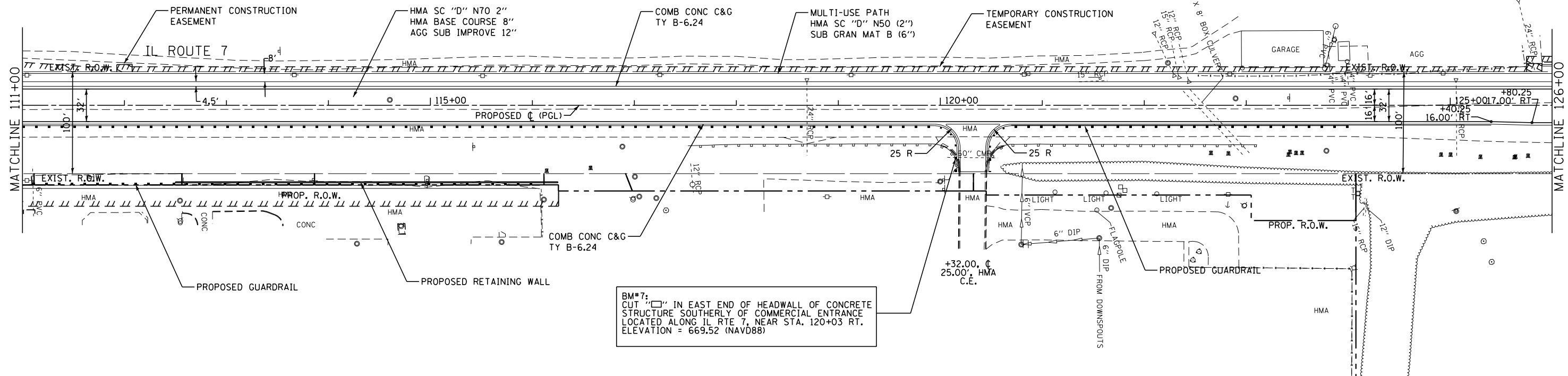
SCALE: 1"=50'
SHEET 3 OF 7 SHEETS
STA. 96+00 TO STA. 111+00

PLAN AND PROFILE
F.A.U. RTE. 3578
SECTION 2019-001-R
COUNTY COOK
TOTAL SHEETS 255
SHEET NO. 37
CONTRACT NO. 62H82
ILLINOIS FED. AID PROJECT

NOTE:
 1) REFER TO PLAT OF HIGHWAYS FOR PROPOSED RIGHT-OF-WAY AND TEMPORARY CONSTRUCTION EASEMENT STATION AND OFFSET LOCATION

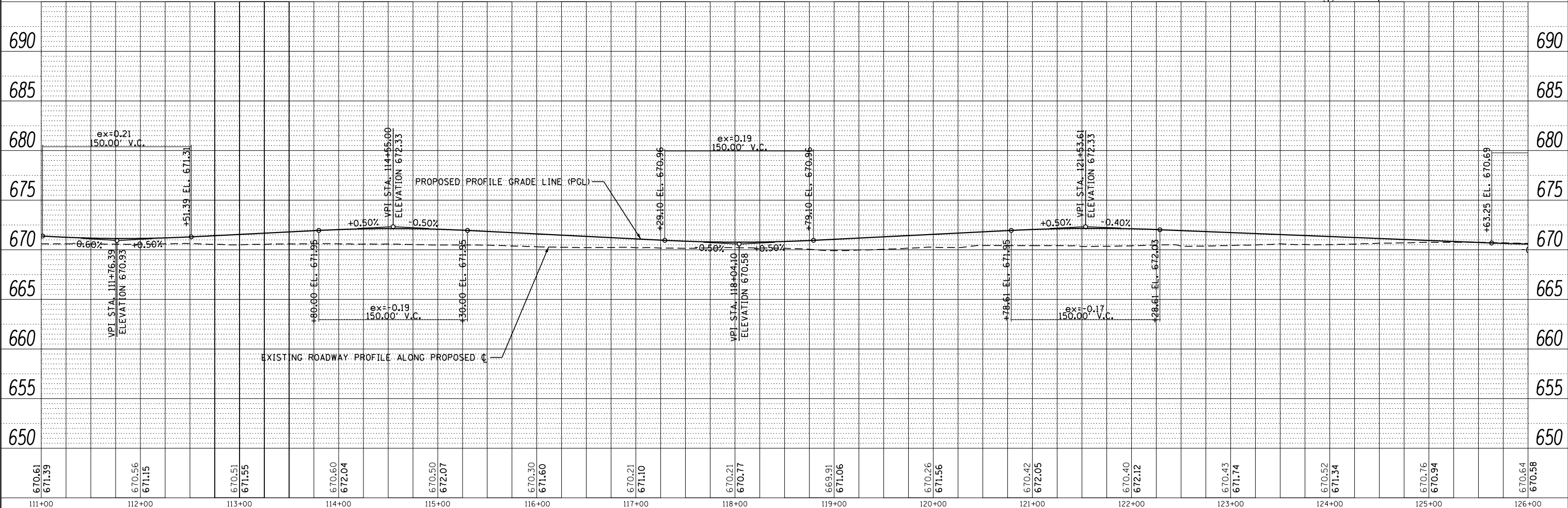


PLAN	SURVEYED	BY	DATE
NO.	NO.		



BM#7:
 CUT "□" IN EAST END OF HEADWALL OF CONCRETE STRUCTURE SOUTHERLY OF COMMERCIAL ENTRANCE LOCATED ALONG IL RTE 7, NEAR STA. 120+03 RT. ELEVATION = 669.52 (NAVD88)

PROFILE	SURVEYED	BY	DATE
NO.	NO.		



670.61 671.39	670.56 671.15	670.51 671.55	670.60 672.04	670.50 672.07	670.30 671.60	670.21 671.10	670.21 670.77	670.91 671.06	670.26 671.56	670.42 672.05	670.40 672.12	670.43 671.74	670.52 671.34	670.76 670.94	670.64 670.58
111+00	112+00	113+00	114+00	115+00	116+00	117+00	118+00	119+00	120+00	121+00	122+00	123+00	124+00	125+00	126+00

JJB JAMES J. BENES & ASSOCIATES
 CONSULTING ENGINEERS
 1011 WARRENVILLE ROAD, SUITE 420
 LISLE, IL 60532
 (630) 719-7570

USER NAME = *USER*	DESIGNED - BLG	REVISED -
	DRAWN - SMP	REVISED -
PLOT SCALE = *SCALE*	CHECKED - BDH	REVISED -
PLOT DATE = *DATE*	DATE - 12/09/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE
 SCALE: 1"=50' SHEET 4 OF 7 SHEETS STA. 111+00 TO STA. 126+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	38
CONTRACT NO. 62H82				

ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CHECKED BY	
	DATE	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CHECKED BY	
	DATE	

BM#8:
CUT "□" IN TOP NORTHEAST CORNER OF CONCRETE TRAFFIC SIGNAL POST FOUNDATION LOCATED AT THE SOUTHWEST CORNER OF IL RTE 7 AND 131ST STREET, NEAR STA. 130+40 LT. ELEVATION = 672.36 (NAVD88)

MULTI-USE PATH
HMA SC "D" N50 (2")
SUB GRAN MAT B (6")
+90.00, C
30.27' HMA
C.E.

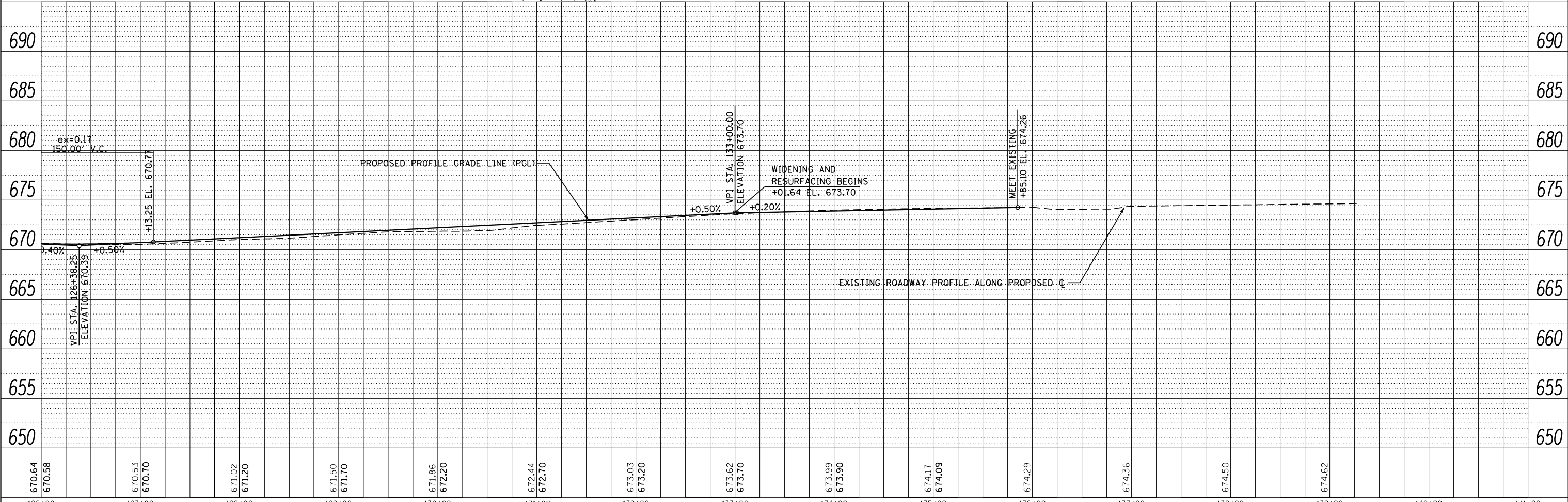
PROPOSED CURVE #4
PI STA. = 128+37.08
Δ = 2° 19' 39" (RT)
D = 0° 34' 23"
R = 10,000.00'
T = 203.14'
L = 406.23'
E = 2.06'
P.C. STA. = 126+33.94
P.R.C. STA. = 130+40.17

2-CENTERED CURVE
R1=50' R2=100'
OFFSET=10.90'
SEE ADA DETAIL PD-03
PCC SIDEWALK, 5" (TYP)

PROPOSED CURVE #5
PI STA. = 132+43.31
Δ = 2° 19' 39" (LT)
D = 0° 34' 23"
R = 10,000.00'
T = 203.14'
L = 406.23'
E = 2.06'
P.C.C. STA. = 130+40.17
P.T. STA. = 134+46.40

LEGEND
* DETECTABLE WARNING ON CURB RAMP

NOTE:
1) REFER TO PLAT OF HIGHWAYS FOR PROPOSED RIGHT-OF-WAY AND TEMPORARY CONSTRUCTION EASEMENT STATION AND OFFSET LOCATION



670.64	670.58	670.53	670.70	671.02	671.20	671.50	671.70	671.86	672.20	672.44	672.70	673.03	673.20	673.62	673.70	673.99	673.90	674.17	674.09	674.29	674.36	674.50	674.62	690	
126+00	127+00	128+00	129+00	130+00	131+00	132+00	133+00	134+00	135+00	136+00	137+00	138+00	139+00	140+00	141+00										690

JJB JAMES J. BENES & ASSOCIATES
CONSULTING ENGINEERS
1011 WARRENVILLE ROAD, SUITE 420
LISLE, IL 60532
(630) 719-7570

USER NAME : *USER*	DESIGNED - BLG	REVISED -
	DRAWN - SMP	REVISED -
PLOT SCALE : *SCALE*	CHECKED - BDH	REVISED -
PLOT DATE : *DATE*	DATE - 12/09/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

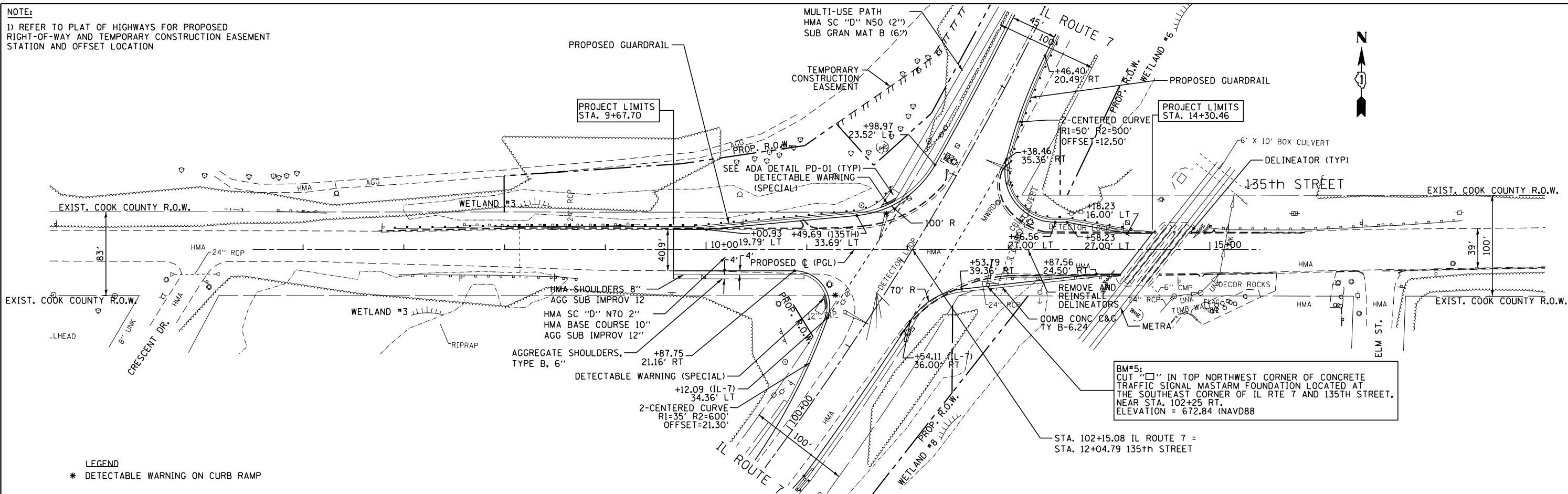
PLAN AND PROFILE

SCALE: 1"=50' SHEET 5 OF 7 SHEETS STA. 126+00 TO STA. 139+31

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	39
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				

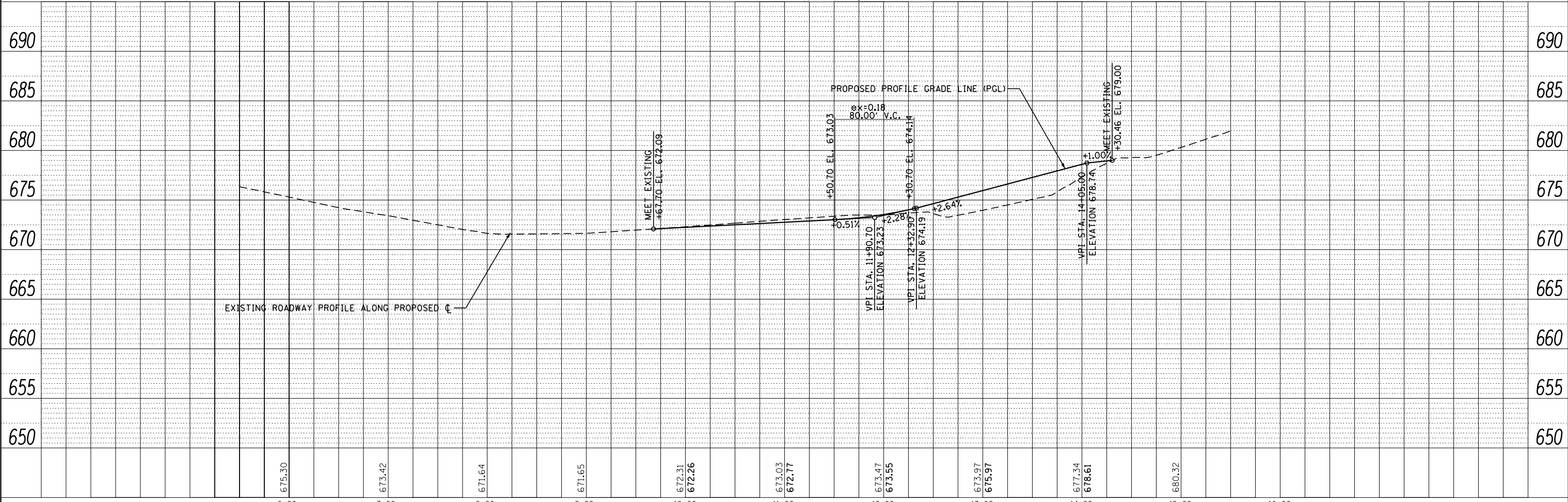
NOTE:
 1) REFER TO PLAT OF HIGHWAYS FOR PROPOSED RIGHT-OF-WAY AND TEMPORARY CONSTRUCTION EASEMENT STATION AND OFFSET LOCATION

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. _____	



LEGEND
 * DETECTABLE WARNING ON CURB RAMP

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. _____	



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 CONSULTING ENGINEERS
 1011 WARRENVILLE ROAD, SUITE 420
 LISLE, IL 60532
 (630) 719-7570

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	DRAWN - SMP	REVISED -
PLOT SCALE = *SCALE*	CHECKED - BDH	REVISED -
PLOT DATE = *DATE*	DATE - 12/09/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

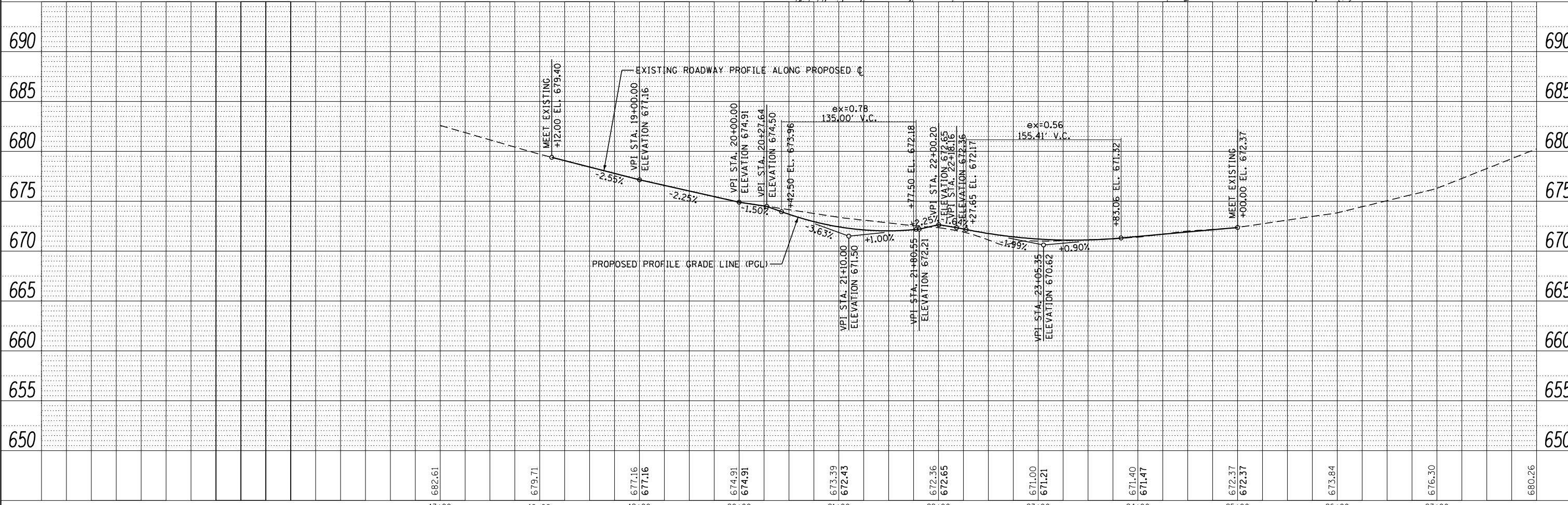
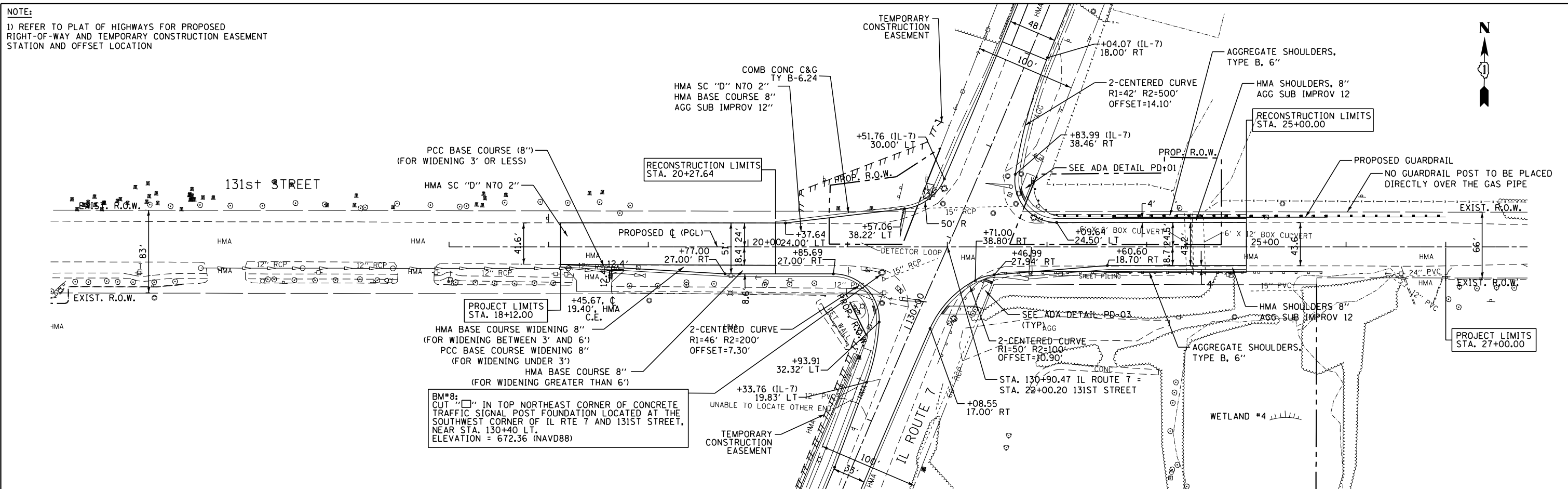
PLAN AND PROFILE	
135th STREET	
SCALE: 1"=50'	SHEET 6 OF 7 SHEETS
STA. 5+50	TO STA. 15+15

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	40
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				

NOTE:
 1) REFER TO PLAT OF HIGHWAYS FOR PROPOSED
 RIGHT-OF-WAY AND TEMPORARY CONSTRUCTION EASEMENT
 STATION AND OFFSET LOCATION

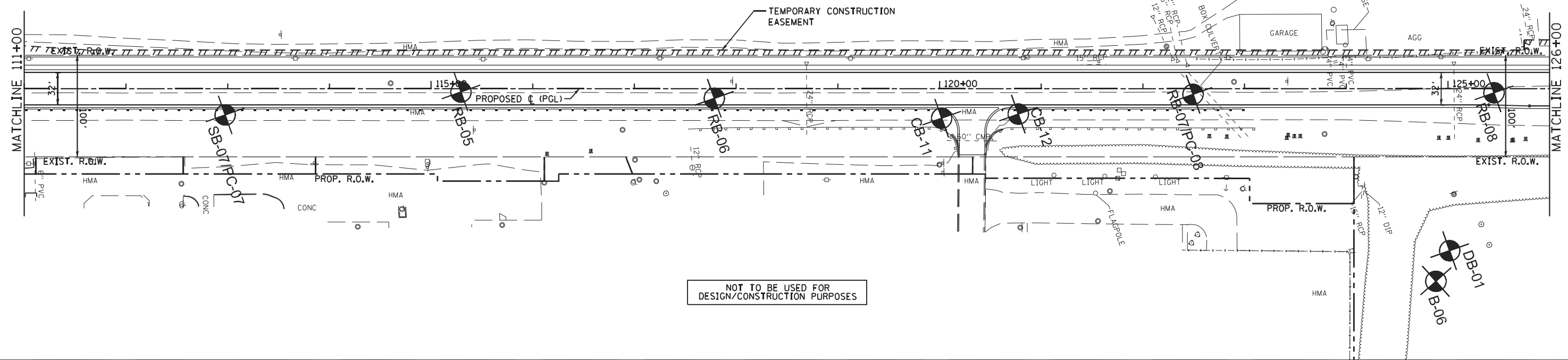
PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

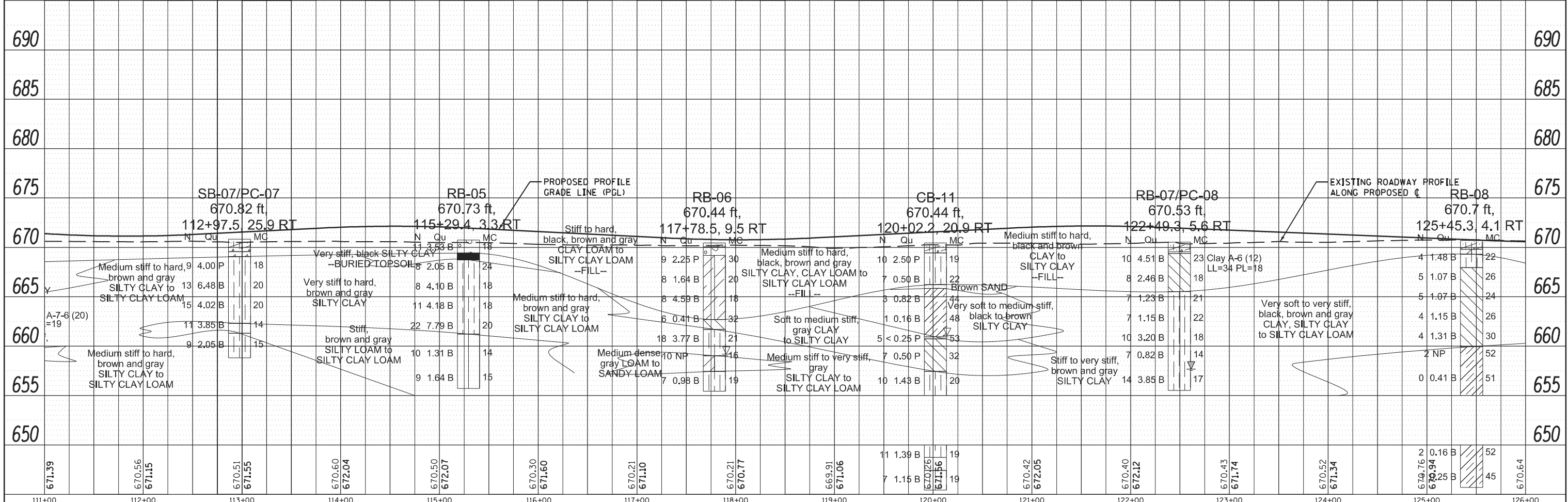


PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	ALIGNED		
	CHECKED		
	RT. OF WAY CHECKED		
	ADD. FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	GRADES CHECKED		
	B.M. NOTED		
	STRUCTURE NOTATIONS C/P/D		



NOT TO BE USED FOR DESIGN/CONSTRUCTION PURPOSES



111+00	112+00	113+00	114+00	115+00	116+00	117+00	118+00	119+00	120+00	121+00	122+00	123+00	124+00	125+00	126+00
671.39	670.56 671.15	670.51 671.55	670.60 672.04	670.50 672.07	670.30 671.60	670.21 671.10	670.21 670.77	669.91 671.06	670.26 671.56	670.42 672.05	670.40 672.12	670.43 671.74	670.52 671.34	670.76 670.94 670.25	670.64

JJB JAMES J. BENES & ASSOCIATES
CONSULTING ENGINEERS
1011 WARRENVILLE ROAD, SUITE 420
Lisle, IL 60532
(630) 719-7570

USER NAME = jrowells	DESIGNED - BLG	REVISED -
PLOT SCALE = 100.3600' / in.	DRAWN - SMP	REVISED -
PLOT DATE = 8/12/2020	CHECKED - BDH	REVISED -
	DATE - 12/09/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL PLAN AND PROFILE			
IL RTE 7 - SOUTH OF 135th ST TO 131st ST			
SCALE: 1"=50'	SHEET	OF	SHEETS
	STA. 111+00	TO	STA. 126+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	45
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				

SUGGESTED MAINTENANCE OF TRAFFIC SEQUENCE AND OPERATIONS

PRE-STAGE

TRAFFIC:

TRAFFIC ON IL ROUTE 7 (SOUTHWEST HIGHWAY) WILL USE EXISTING LANES.

TEMPORARY LANE CLOSURES - USE STANDARDS 701501, 701701 AND 701801.

CONSTRUCTION:

1. CONSTRUCT TEMPORARY TRAFFIC SIGNALS AT 131st STREET AND 135th STREET WITH IL ROUTE 7.
2. INSTALL EROSION AND SEDIMENT CONTROL MEASURES FOR STAGE I WORK ZONE.

STAGE I

TRAFFIC:

TRAFFIC ON IL ROUTE 7 (SOUTHWEST HIGHWAY) WILL USE EXISTING LANES. TRAFFIC ON 131st STREET WILL BE SHIFTED AS DESCRIBED BELOW FOR CONSTRUCTION OF NEW BOX CULVERT.

TEMPORARY LANE CLOSURES - USE STANDARDS 701501, 701701 AND 701801.

CONSTRUCTION:

1. CONSTRUCT THE BOX CULVERT BENEATH THE EAST LEG OF 131st STREET UNDER STAGED CONSTRUCTION AS FOLLOWS:
 - A. SHIFT TRAFFIC TO THE NORTH USING TEMPORARY PAVEMENT ON THE NORTH SHOULDER AREA. PROVIDE ONE 11 FOOT LANE EAST BOUND AND ONE 11 FOOT LANE WEST BOUND. CONSTRUCT THE SOUTH PORTION OF THE BOX CULVERT PER THE STRUCTURAL PLANS. CONSTRUCT THE REQUIRED STORM SEWERS ON THE WEST LEG OF 131st STREET PRIOR TO PLACING THE REQUIRED TEMPORARY PAVEMENT ON THE SOUTH SIDE OF 131st STREET. PLACE TEMPORARY PAVEMENT OVER THE NEW BOX CULVERT ON THE EAST LEG AND ON THE WEST LEG OF 131st STREET AND SHIFT TRAFFIC TO THE SOUTH LANES.
 - B. CONSTRUCT THE NORTH PORTION OF THE BOX CULVERT AND REMOVE/ABANDON THE OLD CULVERT. CONSTRUCT ADDITIONAL TEMPORARY OR PERMANENT PAVEMENT AS NEEDED FOR STAGE II OF THE PROJECT.
2. CONSTRUCT COMPENSATORY STORAGE BASIN LOCATED NEAR THE SOUTHEAST CORNER OF IL ROUTE 7 AND 131st STREET. RESTORE/STABILIZE AREA.
3. REGRADE CREEK AND INSTALL DRIVEWAY/PARKWAY CULVERT REPLACEMENTS ALONG THE EAST SIDE OF IL ROUTE 7 SOUTH OF 135th STREET.
4. CONSTRUCT SEWERS/CULVERTS BENEATH IL ROUTE 7 SOUTH OF 135th STREET AT STA. 72+46 AND STA. 89+00. THIS WORK WILL REQUIRE TEMPORARY LANE CLOSURES WITH FLAGGERS.
5. CONSTRUCT PROPOSED LATERAL STORM SEWERS BETWEEN STATION 104+00 TO STATION 130+00 AND MAINLINE STORM SEWER CROSSING AT STATION 127+96 FROM THE EXISTING MILL CREEK TO THE STAGE 2 WORK ZONE. THIS WORK WILL REQUIRE TEMPORARY LANE CLOSURES WITH FLAGGERS.
6. CONSTRUCT TEMPORARY PAVEMENT AS INDICATED ALONG THE EAST SIDE OF IL ROUTE 7 FOR STAGE II WORK ZONE. THIS WORK WILL REQUIRE TEMPORARY LANE CLOSURES WITH FLAGGERS.
7. INSTALL PAVEMENT PATCH AT LOCATIONS STORM SEWERS WERE INSTALLED. THIS WORK WILL REQUIRE TEMPORARY LANE CLOSURES WITH FLAGGERS.
8. INSTALL STAGE II TEMPORARY PAVEMENT MARKINGS, SIGNAGE, BARRICADES, AND RELOCATE TRAFFIC TO STAGE II LANES.

STAGE II

TRAFFIC:

PROVIDE ONE 11' LANE OF TRAFFIC IN EACH DIRECTION BETWEEN 131st STREET AND 135th STREET WITH MINIMUM 10' LEFT TURN LANES AT 131st STREET AND 135th STREET SIGNALIZED INTERSECTIONS. TRAFFIC ON IL ROUTE 7 (SOUTHWEST HIGHWAY) WILL BE SHIFTED TO THE EAST, USING THE TEMPORARY PAVEMENT AND EXISTING LANES.

TEMPORARY LANE CLOSURES NECESSARY FOR STAGE II WORK WILL BE ACCOMPLISHED USING IDOT TRAFFIC CONTROL AND PROTECTION STANDARDS.

EAST LEG OF 135th STREET WILL BE CLOSED TO TRAFFIC. A POSTED DETOUR WILL ROUTE TRAFFIC AROUND THIS LOCATION BY USING 135th STREET, IL ROUTE 43, 131st STREET, AND IL ROUTE 7.

STAGE II

CONSTRUCTION:

1. INSTALL EROSION AND SEDIMENT CONTROL MEASURES IN STAGE II WORK ZONE.
2. REMOVE PORTION OF THE WEST SIDE OF THE SOUTHBOUND EXISTING PAVEMENT.
3. COMPLETE MAINLINE STORM SEWER BENEATH IL ROUTE 7 AT STA. 127+96 AND CONSTRUCT STORM SEWER CROSSING AT STA. 122+55 & STA. 103+78 WITHIN THE STAGE II WORK ZONE.
4. CONSTRUCT THE NEW 72" MAINLINE STORM SEWER AND NEW DRAINAGE STRUCTURES IN STAGE II WORK ZONE.
5. CONSTRUCT THE BOX CULVERT BENEATH THE EAST LEG OF 135th STREET. OPEN EAST LEG OF 135th STREET AND REMOVE DETOUR ROUTE ONCE CULVERT REPLACEMENT AND PAVEMENT IS COMPLETE.
6. CONSTRUCT THE REMAINING WEST PORTION OF THE LATERAL SEWERS IN STAGE II WORK ZONE BY OPEN CUT METHOD. LATERAL SEWERS WILL OUTLET DIRECTLY INTO MILL CREEK ON THE EAST SIDE.
7. CONSTRUCT THE NEW PAVEMENT (UP TO 27'), CURB AND GUTTERS, DRIVEWAYS, MULTI-USE PATH ON THE WEST SIDE OF THE PROJECT, 131st STREET AND 135th STREET PAVEMENT (SEE SIDE STREET CONSTRUCTION NOTES FOR ADDITIONAL DETAILS).
8. CONSTRUCT TRAFFIC SIGNAL ITEMS IN WORK ZONE.
9. GRADE WEST PARKWAY AS NECESSARY AND INSTALL SOIL STABILIZATION AND LANDSCAPE RESTORATION AS APPLICABLE.
10. INSTALL GUARDRAIL IN WORK ZONE.
11. INSTALL STAGE III TEMPORARY PAVEMENT MARKINGS, SIGNAGE, BARRICADES, AND RELOCATE TRAFFIC TO STAGE III LANES.

STAGE III

TRAFFIC:

FROM THE NEW WEST EDGE OF PAVEMENT PROVIDE ONE 11' LANE OF TRAFFIC IN EACH DIRECTION BETWEEN 131st STREET AND 135th STREET WITH MINIMUM 10' LEFT TURN LANES AT 131st STREET AND 135th STREET SIGNALIZED INTERSECTIONS. TRAFFIC ON IL ROUTE 7 (SOUTHWEST HIGHWAY) WILL BE SHIFTED TO THE WEST USING THE NEW PAVEMENT

TEMPORARY LANE CLOSURES NECESSARY FOR STAGE III WORK WILL BE ACCOMPLISHED USING IDOT TRAFFIC CONTROL AND PROTECTION STANDARDS.

CONSTRUCTION:

1. INSTALL EROSION AND SEDIMENT CONTROL MEASURES IN STAGE III WORK ZONE.
2. REMOVE THE EXISTING NORTHBOUND PAVEMENT, TEMPORARY PAVEMENT AND REMAINING SOUTHBOUND EXISTING PAVEMENT.
3. CONSTRUCT NEW DRAINAGE STRUCTURES IN STAGE III WORK ZONE AND MODIFY LATERAL SEWERS AS NECESSARY.
4. REGRADE MILL CREEK ON THE EAST SIDE BETWEEN 131st STREET AND 135th STREET.
5. CONSTRUCT THE REMAINING PORTION OF THE MAINLINE STORM SEWER CROSSINGS AT STA. 103+78 AND STA. 122+55 TO MILL CREEK.
6. EXCESS LATERAL STORM SEWERS CONSTRUCTED IN STAGE I TO BE REMOVED TO MATCH REGADING OF MILL CREEK.
7. CONSTRUCT DRIVEWAY CULVERTS NORTH OF 135th.
8. CONSTRUCT THE REMAINING NEW PAVEMENT, CURB AND GUTTERS, AND DRIVES ON THE EAST SIDE OF THE PROJECT.
9. CONSTRUCT TRAFFIC SIGNAL ITEMS IN WORK ZONE.
10. GRADE EAST PARKWAY AS NECESSARY AND INSTALL SOIL STABILIZATION AND LANDSCAPE RESTORATION AS APPLICABLE.
11. INSTALL GUARDRAIL IN WORK ZONE.
12. INSTALL STAGE IV (FINAL) PAVEMENT MARKINGS AND RELOCATE TRAFFIC TO STAGE IV LANES.

STAGE IV

TRAFFIC:

MAINTAIN ONE LANE OF TRAFFIC IN EACH DIRECTION USING THE ENTIRE NEW PAVEMENT.

SOUTHBOUND TRAFFIC ON IL ROUTE 7 (SOUTHWEST HIGHWAY) WILL BE 11' WIDE AND USE THE NEW PAVEMENT. NORTHBOUND TRAFFIC ON IL ROUTE 7 (SOUTHWEST HIGHWAY) WILL BE 11' WIDE AND USE THE NEW PAVEMENT. A 10' BI-DIRECTIONAL MEDIAN AND LEFT/RIGHT LANES WILL BE PROVIDED AS INDICATED ON THE PLANS.

TEMPORARY LANE CLOSURES NECESSARY FOR FINAL WORK WILL BE ACCOMPLISHED USING IDOT TRAFFIC CONTROL AND PROTECTION STANDARDS.

CONSTRUCTION:

1. COMPLETE TRAFFIC SIGNAL INSTALLATION, INTERCONNECTION AND DETECTOR LOOPS.
2. PLACE HMA SURFACE COURSE.
3. TURN ON NEW TRAFFIC SIGNALS, REMOVE TEMPORARY SIGNALS.
4. PLACE FINAL PAVEMENT MARKINGS AND SIGNAGE.
5. INSTALL REMAINING GUARDRAIL.
6. COMPLETE FINAL LANDSCAPE RESTORATION.

131st STREET:

TRAFFIC:

TRAFFIC ALONG 131st STREET WILL BE MAINTAINED DURING WIDENING AND RECONSTRUCTION BY STAGING THE CONSTRUCTION. STAGING CANNOT CONFLICT WITH THE DETOUR ROUTE FOR 135th STREET CONSTRUCTION.

STAGE IIA - SHIFT TRAFFIC NORTH ON THE EXISTING LANES AND CONSTRUCT THE EASTBOUND LANES.

STAGE IIB - SHIFT EASTBOUND TRAFFIC TO THE NEW EASTBOUND LANES, MAINTAIN TRAFFIC ON EXISTING WESTBOUND LANE, AND CONSTRUCT THE NEW LEFT TURN LANES.

STAGE IIC - SHIFT TRAFFIC SOUTH TO THE NEW LANES AND CONSTRUCT THE WESTBOUND LANES.

135th STREET:

TRAFFIC:

TRAFFIC ALONG 135th STREET WILL BE DETOURED NORTH ON ROUTE 7 TO 131st EASTBOUND TO ALLOW FOR CULVERT REPLACEMENT EAST OF ROUTE 7 NEAR THE RAILROAD TRACKS IN STAGE II. THE EAST LEG WILL BE RECONSTRUCTED AND WIDENED DURING THE DETOUR CLOSURE. THE WEST LEG WILL BE WIDENED AND RECONSTRUCTED DURING THE DETOUR BY STAGING CONSTRUCTION.

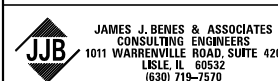
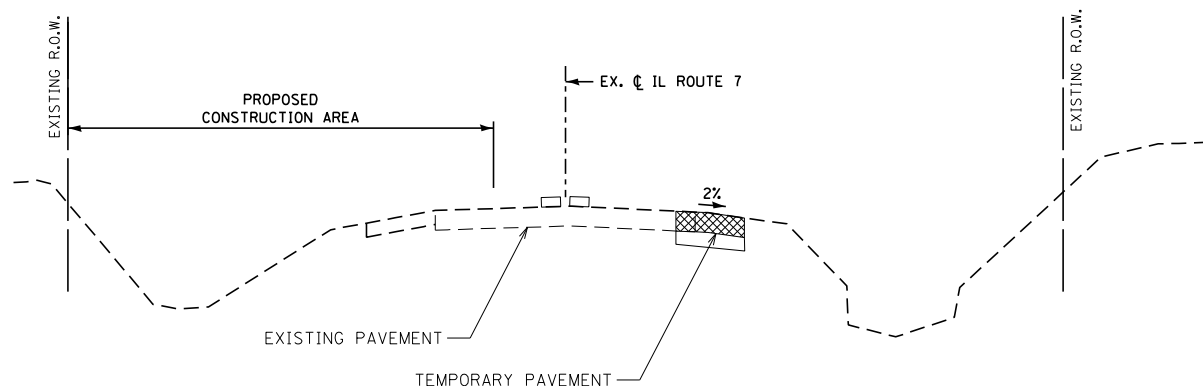
STAGE IIA - SHIFT TRAFFIC SOUTH ON THE EXISTING LANES AND CONSTRUCT THE WESTBOUND LANES.

STAGE IIB - SHIFT WESTBOUND TRAFFIC TO THE NEW WESTBOUND LANES, MAINTAIN TRAFFIC ON EXISTING EASTBOUND LANE, AND CONSTRUCT THE NEW LEFT TURN LANES.

STAGE IIC - SHIFT TRAFFIC NORTH TO THE NEW LANES AND CONSTRUCT THE EASTBOUND LANES.

GENERAL NOTES FOR TRAFFIC CONTROL

1. ALL TRAFFIC CONTROL MATERIAL AND DEVICES SHALL CONFORM TO THE TRAFFIC CONTROL PLANS AND THE LATEST EDITION OF THE ILLINOIS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
2. MAINTENANCE OF TRAFFIC AS DENOTED ON THE PLANS IS INTENDED TO BE USED AS A GENERAL GUIDE FOR THE SEQUENCE OF CONSTRUCTION OF THE WORK. NO CHANGES WILL BE PERMITTED WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER.
3. ACCESS TO ENTRANCES SHALL BE MAINTAINED. WHEN A PROPERTY IS SERVICED BY A SINGLE ENTRANCE, CONSTRUCTION OF THE ENTRANCE SHALL BE COMPLETED ONE HALF AT A TIME IN ORDER TO MAINTAIN ACCESS. WHEN A PROPERTY IS SERVICED BY MULTIPLE ENTRANCES, ONE OF THE ENTRANCES SHALL REMAIN OPEN AT ALL TIMES.
4. THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND TRAFFIC CONTROL DEVICES MAY BE ADJUSTED TO FIT THE FIELD CONDITIONS, AS DIRECTED BY THE ENGINEER.
5. REMOVE ANY EXISTING PAVEMENT MARKINGS, AS REQUIRED, IF IN CONFLICT WITH THE TEMPORARY PAVEMENT MARKINGS FOR TRAFFIC CONTROL AND PROTECTION AS SHOWN ON THE PLANS. TEMPORARY PAVEMENT MARKINGS WHICH FALL BEYOND THE PROJECT LIMITS SHALL BE WET REFLECTIVE TYPE III TAPE. TEMPORARY PAVEMENT MARKINGS SHALL NOT BE TAPE DURING WINTER SNOW MONTHS.
6. WORK AT INTERSECTIONS SHALL BE PERFORMED BETWEEN 9:00 A.M. AND 3:00 P.M. ONLY. FLAGGERS SHALL BE USED FOR ALL SUCH OPERATIONS.
7. THE FURNISHING, INSTALLATION, RELOCATION AND REMOVAL OF ALL TRAFFIC CONTROL DEVICES SHOWN ON THESE MAINTENANCE OF TRAFFIC PLANS AND ON THE APPLICABLE IDOT TRAFFIC CONTROL STANDARDS SHALL BE PAID FOR UNDER THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)". THE CONTRACTOR SHALL FURNISH ANY ADDITIONAL SIGNS AS REQUIRED BY THE ENGINEER, THE COST OF WHICH WILL ALSO BE INCLUDED IN "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".
8. PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE PROVIDED NORTHBOUND AND SOUTHBOUND ON IL ROUTE 7 AND EASTBOUND AND WESTBOUND ON BOTH 131st STREET AND 135th STREET WHEN NECESSARY AS DIRECTED BY THE ENGINEER, TO ADVISE MOTORISTS OF STAGE CHANGES.
9. A 3'-6" DEFLECTION AREA IS REQUIRED FROM THE BACK SIDE OF THE TEMPORARY CONCRETE BARRIER WALL TO ANY OBSTRUCTION OR DROP OFF IN THE WORK ZONE. IF THIS 3'-6" DEFLECTION AREA CANNOT BE MAINTAINED, THE TEMPORARY CONCRETE BARRIER WALL SHALL BE ANCHORED TO THE PAVEMENT THROUGH THE 3 ANCHORING HOLES ON THE TRAFFIC SIDE OF THE TEMPORARY CONCRETE BARRIER WALL. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE TEMPORARY CONCRETE BARRIER WALL.
10. CONTACT ALEX JEZIEWSKI AT ALEXANDER.JEZIEWSKI@COOKCOUNTYIL.GOV 2 WEEKS PRIOR TO THE DETOUR IMPLEMENTATION.



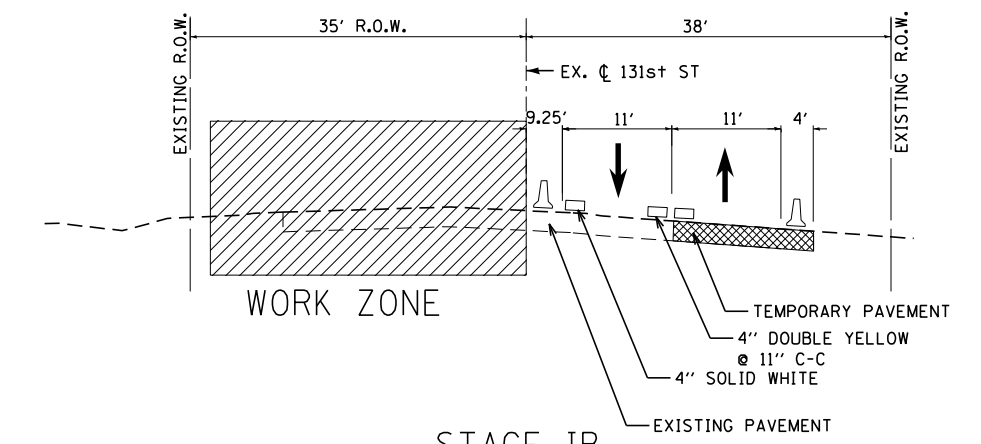
USER NAME : *USER*	DESIGNED - SJG	REVISED -
	DRAWN - SMP	REVISED -
PLOT SCALE : *SCALE*	CHECKED - BDH	REVISED -
PLOT DATE : *DATE*	DATE - 12/09/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

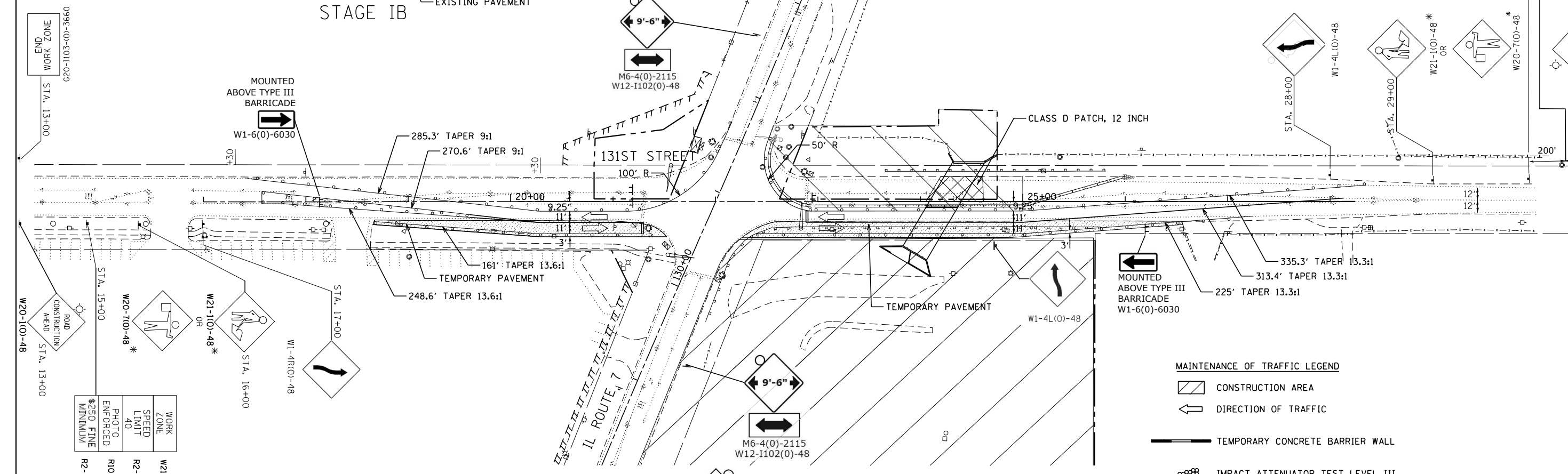
MAINTENANCE OF TRAFFIC

SCALE: N/A SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	49
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				



STAGE IB



WORK ZONE	W21-1115(O)-3618
SPEED LIMIT	R2-1-3648
PHOTO ENFORCED	R10-1108p-3618
MINIMUM	R2-1106p-3618
STA.	30+00

WORK ZONE	W21-1115(O)-3618
SPEED LIMIT	R2-1-3648
PHOTO ENFORCED	R10-1108p-3618
MINIMUM	R2-1106p-3618
STA.	13+00

MAINTENANCE OF TRAFFIC LEGEND

- CONSTRUCTION AREA
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER WALL
- IMPACT ATTENUATOR TEST LEVEL III
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHTS AT 50' C-C UNLESS OTHERWISE NOTED
DEVICES IN TAPER (20' C-C)
DEVICES IN RADII (10' C-C)
- CONSTRUCTION SIGN
- TYPE III BARRICADES WITH FLASHING LIGHTS (2 EACH)
- ARROW BOARD
- TEMPORARY PAVEMENT
- VERTICAL PANEL WITH STEADY BURN LIGHTS AT 50' C-C UNLESS OTHERWISE NOTED.
DEVICES IN TAPER (20' C-C)
DEVICES IN RADII (10' C-C)

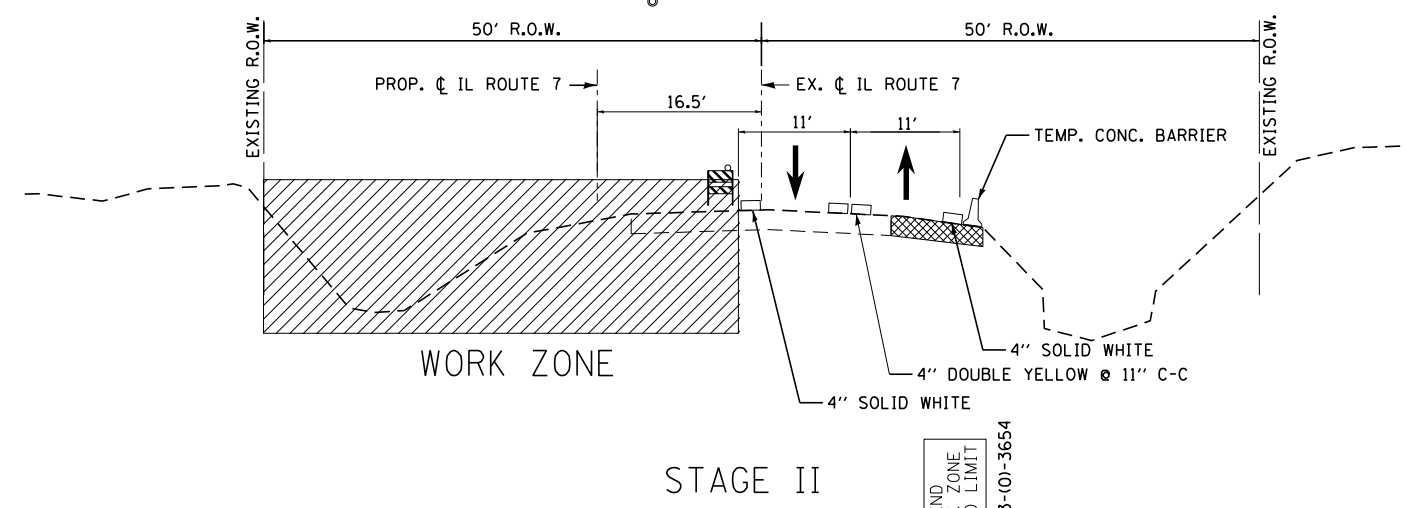
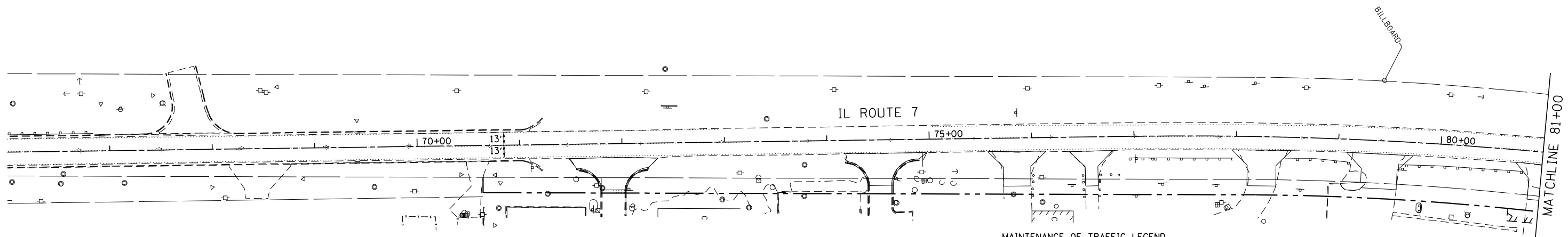
JJB JAMES J. BENES & ASSOCIATES
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Lisle, IL 60532
(630) 719-7570

USER NAME = *USER*	DESIGNED - SJK	REVISED - FU 03/31/2023
PLOT SCALE = *SCALE*	DRAWN - SMP	REVISED -
PLOT DATE = *DATE*	CHECKED - BDH	REVISED -
	DATE - 12/09/2022	REVISED -

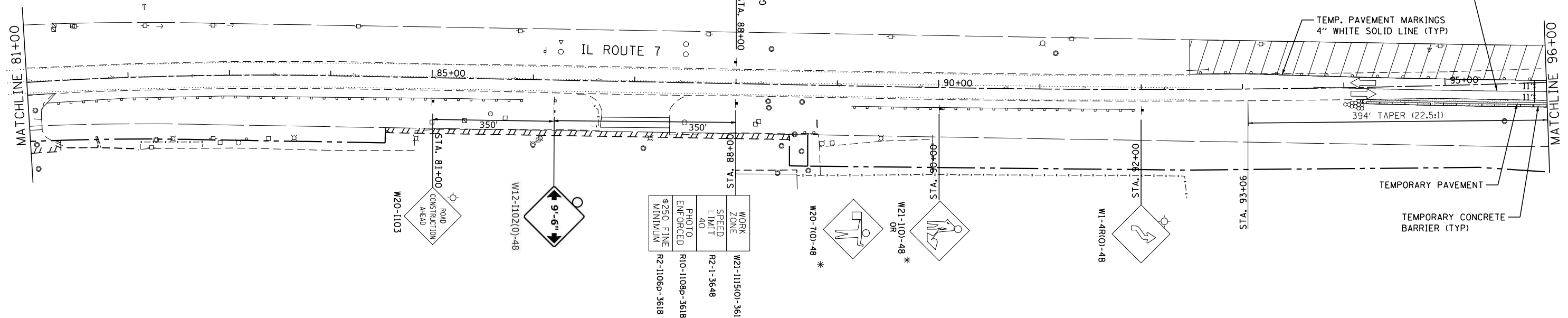
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC - STAGE IB	
SCALE: 1"=50'	SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	51
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				



- MAINTENANCE OF TRAFFIC LEGEND**
- CONSTRUCTION AREA
 - DIRECTION OF TRAFFIC
 - TEMPORARY CONCRETE BARRIER WALL
 - IMPACT ATTENUATOR TEST LEVEL III
 - TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHTS AT 50' C-C UNLESS OTHERWISE NOTED
DEVICES IN TAPER (25' C-C)
DEVICES IN RADII (10' C-C)
 - CONSTRUCTION SIGN
 - TYPE III BARRICADES WITH FLASHING LIGHTS (2 EACH)
 - ARROW BOARD
 - DIRECTIONAL INDICATOR BARRICADES (TO BE USED ONLY IN LANE CLOSURE TAPERS)
 - TEMPORARY PAVEMENT
- NOTES:**
* - ONLY WHEN WORKERS/FLAGGERS ARE ON JOBSITE



WORK ZONE	W21-1115(O)-3618
SPEED LIMIT 40	R2-1-3648
PHOTO ENFORCED	R10-1108p-3618
250 FINE MINIMUM	R2-1106p-3618

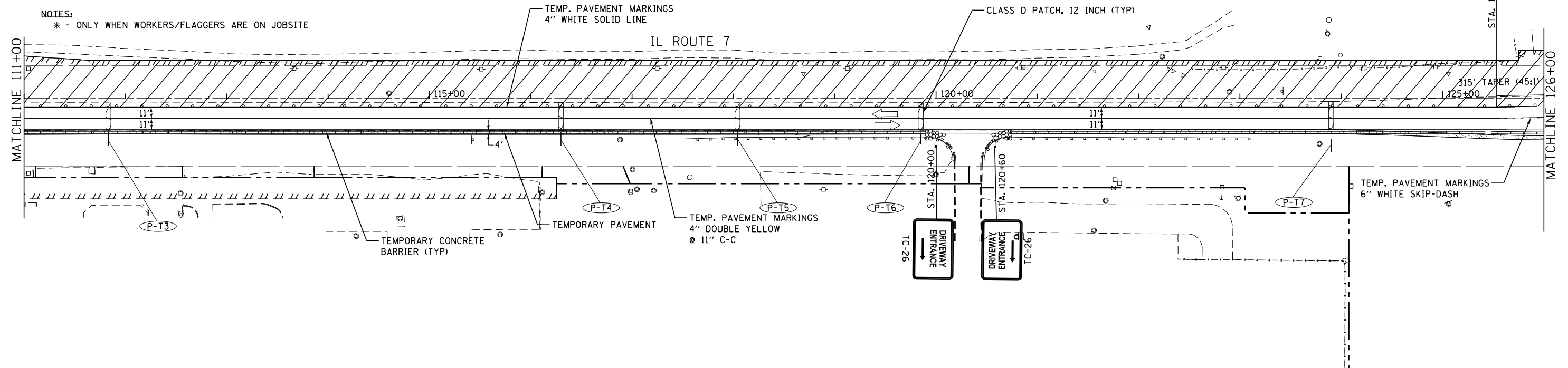
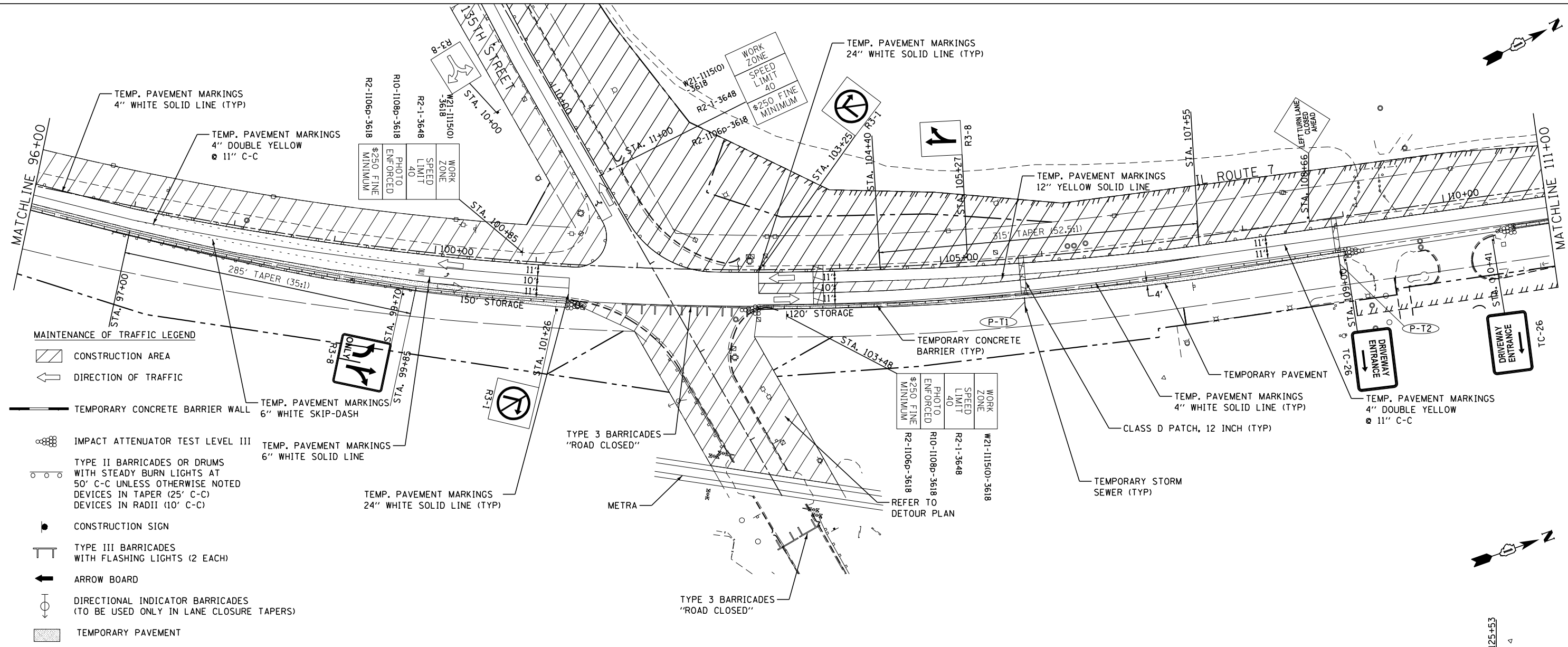
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	DATE - 12/09/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC - STAGE II
 SCALE: 1"=50'
 SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	52
CONTRACT NO. 62H82				
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USER NAME : *USER*	DESIGNED - SJC	REVISED -
PLOT SCALE : *SCALE*	DRAWN - SMP	REVISED -
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	DATE - 12/09/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

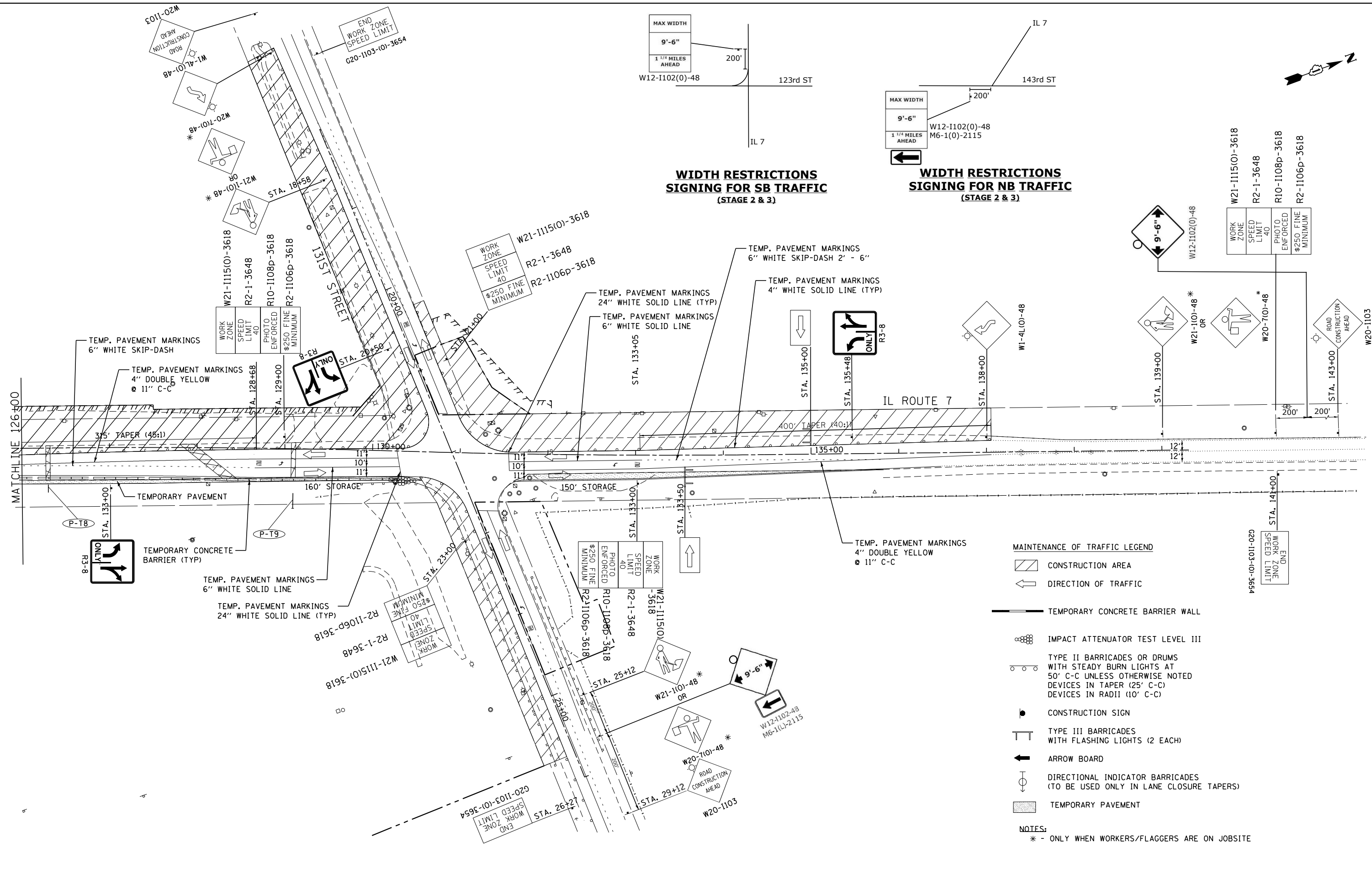
MAINTENANCE OF TRAFFIC - STAGE II

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	53
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				

**WIDTH RESTRICTIONS
SIGNING FOR SB TRAFFIC
(STAGE 2 & 3)**

**WIDTH RESTRICTIONS
SIGNING FOR NB TRAFFIC
(STAGE 2 & 3)**



- MAINTENANCE OF TRAFFIC LEGEND**
- CONSTRUCTION AREA
 - DIRECTION OF TRAFFIC
 - TEMPORARY CONCRETE BARRIER WALL
 - IMPACT ATTENUATOR TEST LEVEL III
 - TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHTS AT 50' C-C UNLESS OTHERWISE NOTED DEVICES IN TAPER (25' C-C) DEVICES IN RADII (10' C-C)
 - CONSTRUCTION SIGN
 - TYPE III BARRICADES WITH FLASHING LIGHTS (2 EACH)
 - ARROW BOARD
 - DIRECTIONAL INDICATOR BARRICADES (TO BE USED ONLY IN LANE CLOSURE TAPERS)
 - TEMPORARY PAVEMENT

NOTES:
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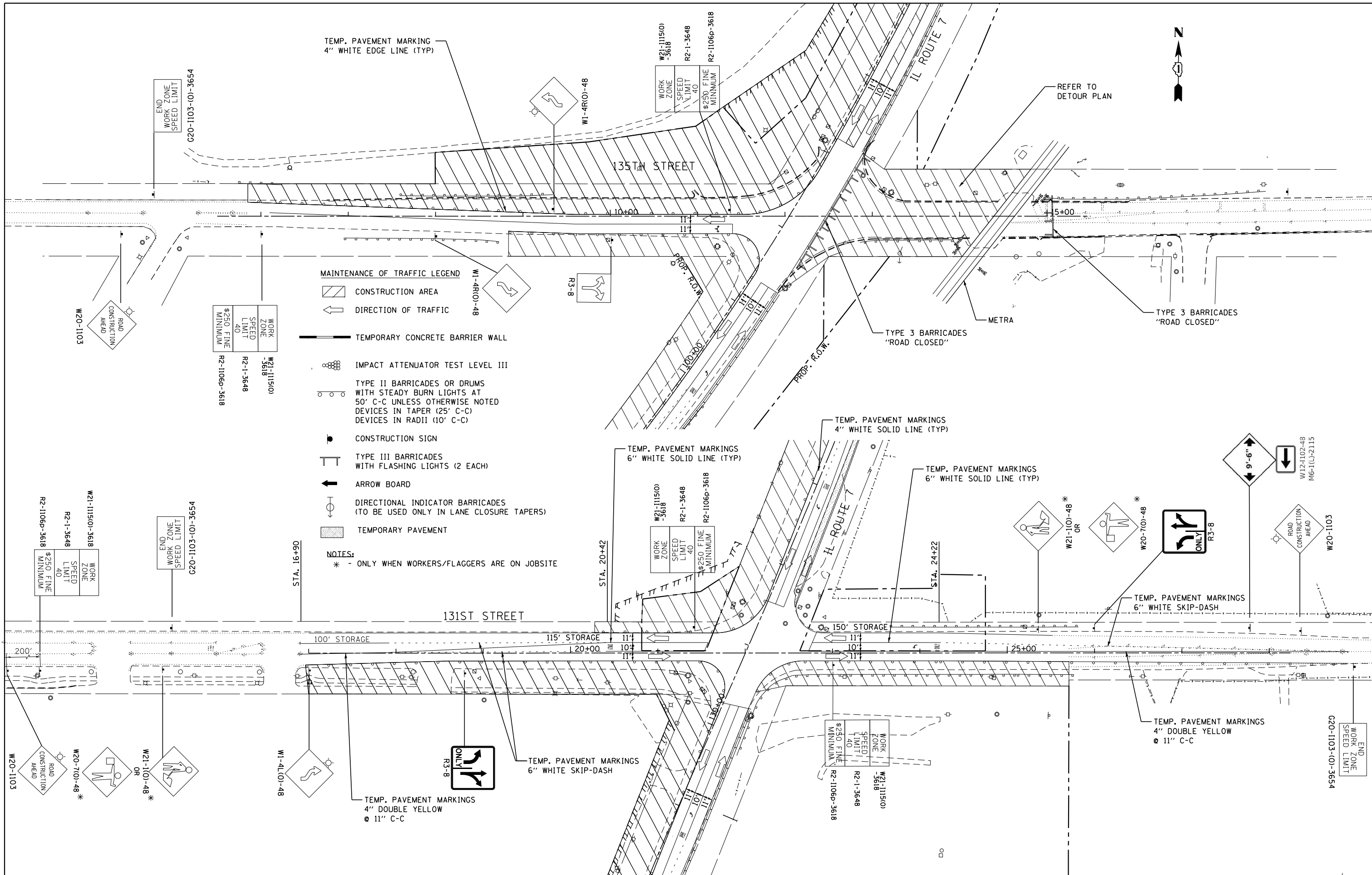
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PLOT DATE = *DATE*	CHECKED - BDH	REVISED -
	DATE - 12/09/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC - STAGE II

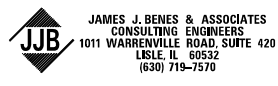
SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	54
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				



- MAINTENANCE OF TRAFFIC LEGEND**
- CONSTRUCTION AREA
 - DIRECTION OF TRAFFIC
 - TEMPORARY CONCRETE BARRIER WALL
 - IMPACT ATTENUATOR TEST LEVEL III
 - TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHTS AT 50' C-C UNLESS OTHERWISE NOTED DEVICES IN TAPER (25' C-C) DEVICES IN RADII (10' C-C)
 - CONSTRUCTION SIGN
 - TYPE III BARRICADES WITH FLASHING LIGHTS (2 EACH)
 - ARROW BOARD
 - DIRECTIONAL INDICATOR BARRICADES (TO BE USED ONLY IN LANE CLOSURE TAPERS)
 - TEMPORARY PAVEMENT

NOTES:
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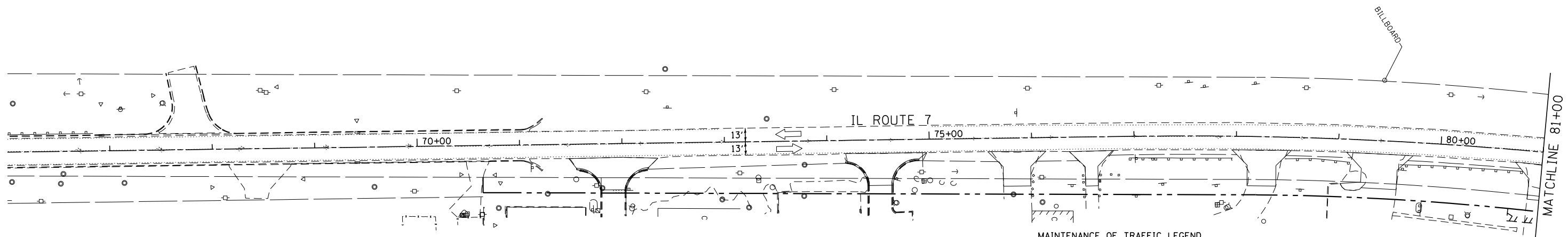
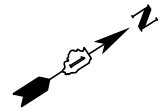


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PLOT SCALE = *SCALE*	DRAWN - SMP	REVISED -
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	DATE - 12/09/2022	REVISED -

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 DEPARTMENT OF TRANSPORTATION**

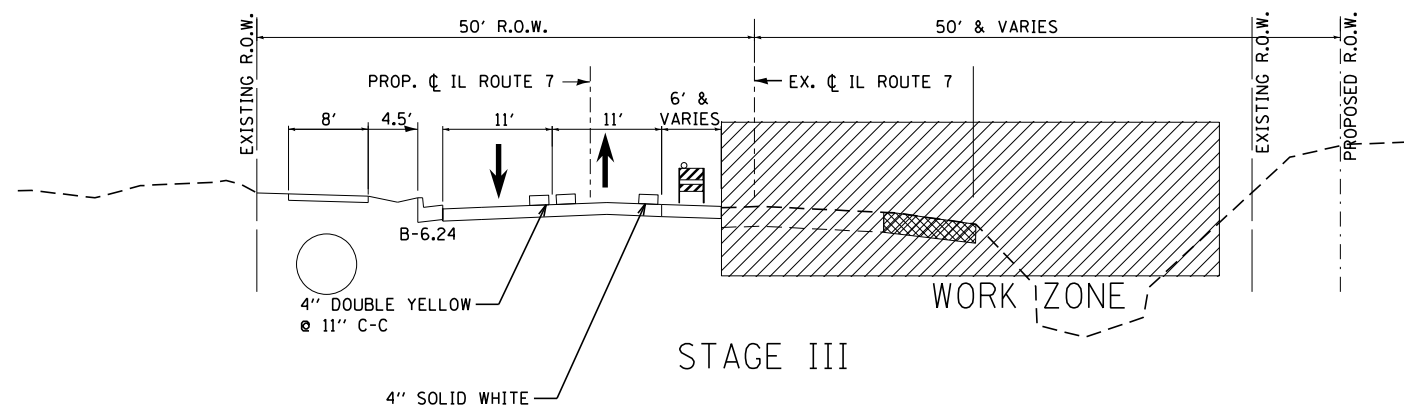
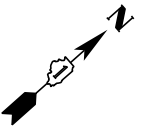
MAINTENANCE OF TRAFFIC - STAGE II			
SCALE: 1"=50'	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	55
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				

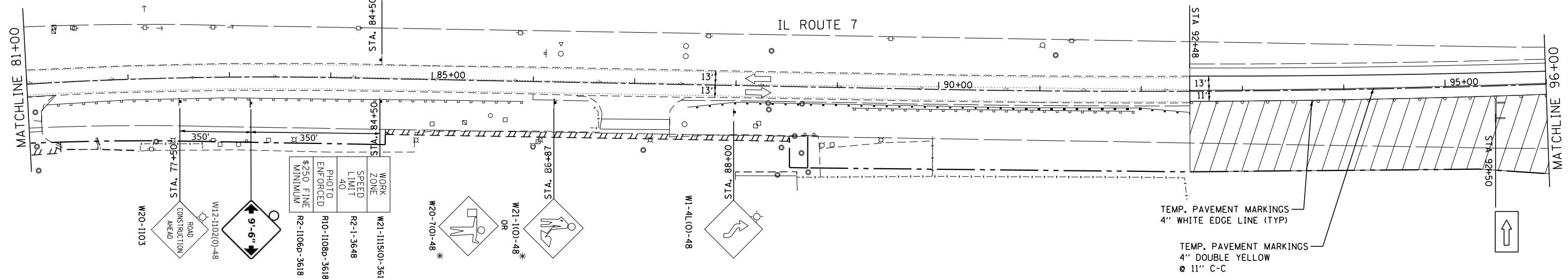


MAINTENANCE OF TRAFFIC LEGEND

- CONSTRUCTION AREA
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER WALL
- IMPACT ATTENUATOR TEST LEVEL III
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHTS AT 50' C-C UNLESS OTHERWISE NOTED
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DEVICES IN RADII (10' C-C)
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- ARROW BOARD
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- TEMPORARY PAVEMENT
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DEVICES IN TAPER (20' C-C)
DEVICES IN RADII (10' C-C)



NOTES:
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TEMP. PAVEMENT MARKINGS
4" WHITE EDGE LINE (TYP)

TEMP. PAVEMENT MARKINGS
4" DOUBLE YELLOW
11" C-C

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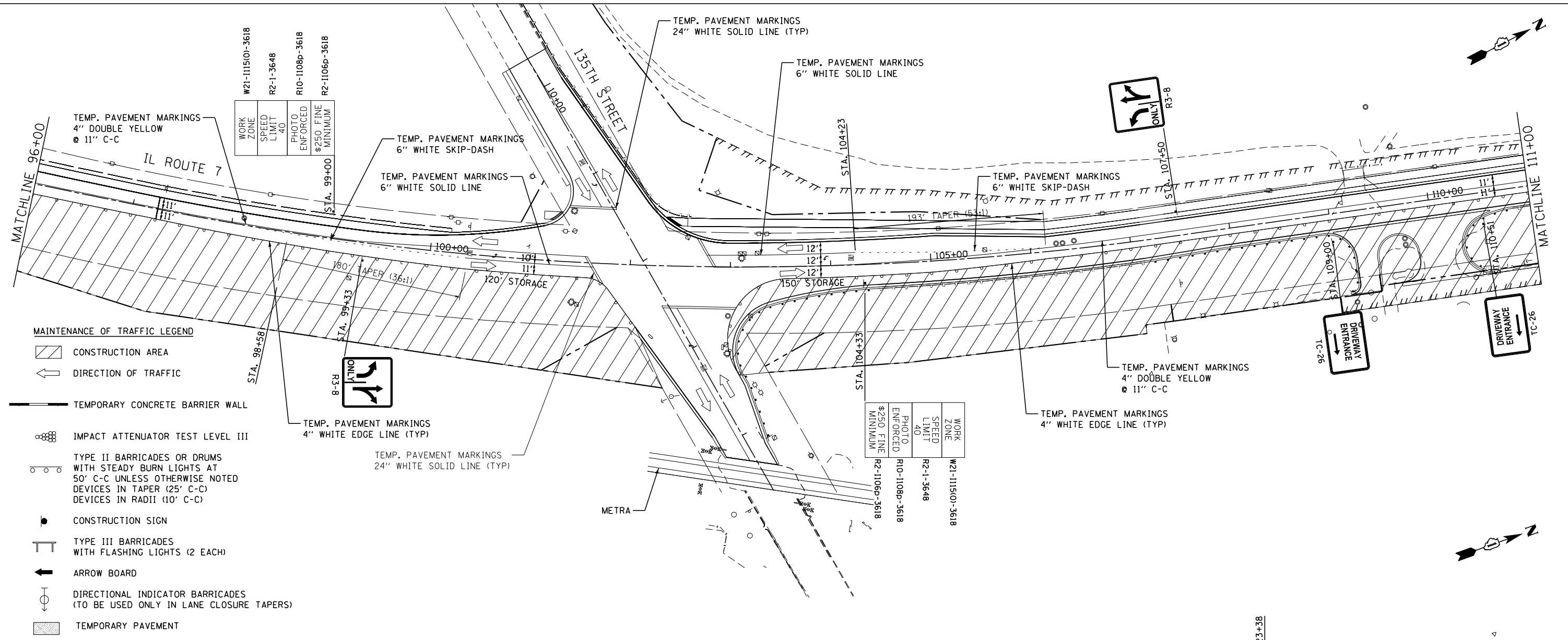
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	DATE - 12/09/2022	REVISED -

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DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC - STAGE III

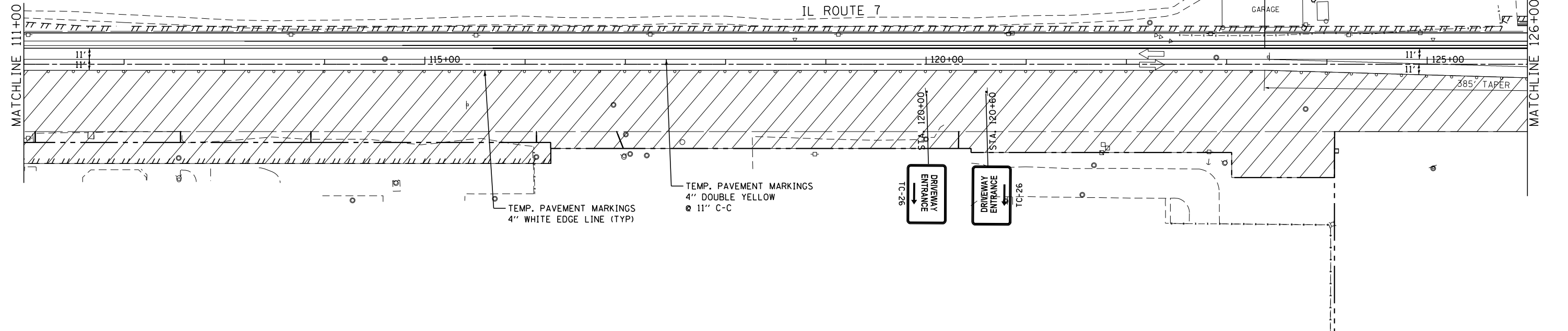
SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	56
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				



- MAINTENANCE OF TRAFFIC LEGEND**
- CONSTRUCTION AREA
 - DIRECTION OF TRAFFIC
 - TEMPORARY CONCRETE BARRIER WALL
 - IMPACT ATTENUATOR TEST LEVEL III
 - TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHTS AT 50' C-C UNLESS OTHERWISE NOTED DEVICES IN TAPER (25' C-C) DEVICES IN RADII (10' C-C)
 - CONSTRUCTION SIGN
 - TYPE III BARRICADES WITH FLASHING LIGHTS (2 EACH)
 - ARROW BOARD
 - DIRECTIONAL INDICATOR BARRICADES (TO BE USED ONLY IN LANE CLOSURE TAPERS)
 - TEMPORARY PAVEMENT

NOTES:
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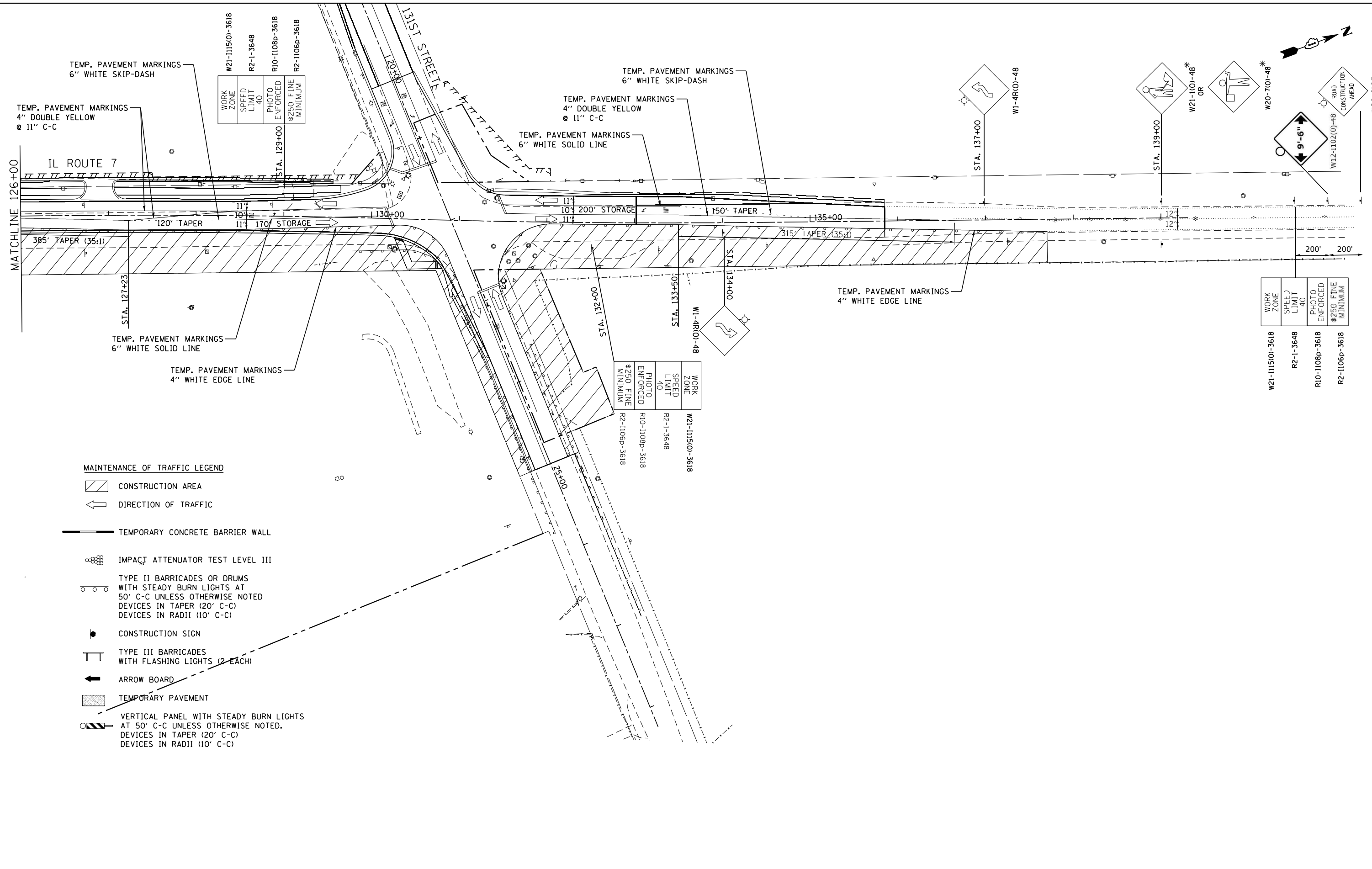
JJB JAMES J. BENES & ASSOCIATES
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USER NAME : *USER*	DESIGNED - SJC	REVISED -
PLOT SCALE : *SCALE*	DRAWN - SMP	REVISED -
PLOT DATE : *DATE*	CHECKED - BDH	REVISED -
	DATE - 12/09/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC - STAGE III
 SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	57
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				



MAINTENANCE OF TRAFFIC LEGEND

- CONSTRUCTION AREA
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER WALL
- IMPACT ATTENUATOR TEST LEVEL III
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHTS AT 50' C-C UNLESS OTHERWISE NOTED
DEVICES IN TAPER (20' C-C)
DEVICES IN RADII (10' C-C)
- CONSTRUCTION SIGN
- TYPE III BARRICADES WITH FLASHING LIGHTS (2 EACH)
- ARROW BOARD
- TEMPORARY PAVEMENT
- VERTICAL PANEL WITH STEADY BURN LIGHTS AT 50' C-C UNLESS OTHERWISE NOTED.
DEVICES IN TAPER (20' C-C)
DEVICES IN RADII (10' C-C)

WORK ZONE	W21-1115(O)-3618
SPEED LIMIT	R2-1-3648
PHOTO ENFORCED	R10-1108p-3618
\$250 FINE MINIMUM	R2-1106p-3618

WORK ZONE	W21-1115(O)-3618
SPEED LIMIT	R2-1-3648
PHOTO ENFORCED	R10-1108p-3618
\$250 FINE MINIMUM	R2-1106p-3618

WORK ZONE	W21-1115(O)-3618
SPEED LIMIT	R2-1-3648
PHOTO ENFORCED	R10-1108p-3618
\$250 FINE MINIMUM	R2-1106p-3618

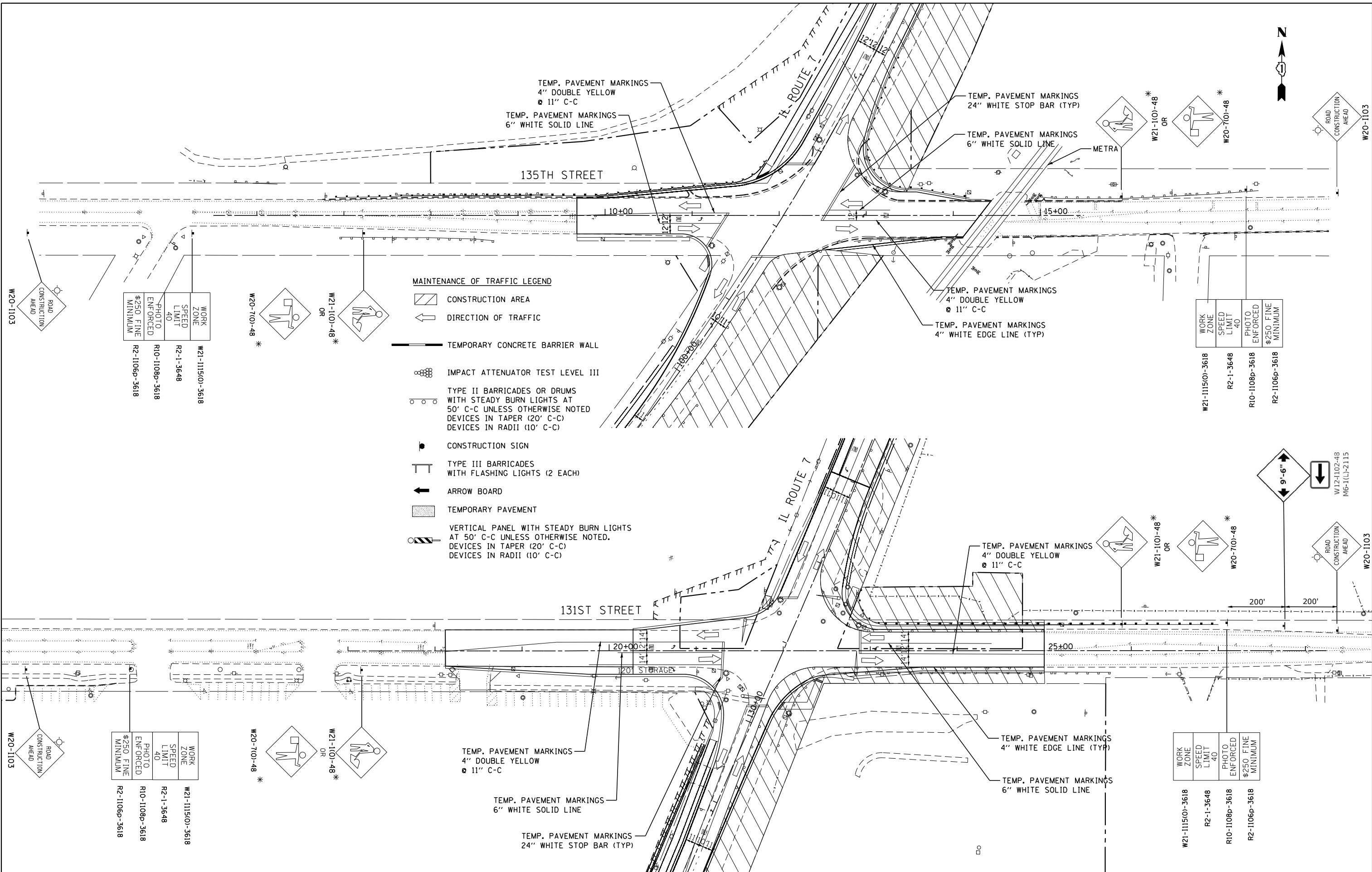
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC - STAGE III
 SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	58
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				



WORK ZONE	W21-1115(O)-3618
SPEED LIMIT	R2-1-3648
PHOTO ENFORCED	R10-1108p-3618
\$250 FINE MINIMUM	R2-1106p-3618

WORK ZONE	W21-1115(O)-3618
SPEED LIMIT	R2-1-3648
PHOTO ENFORCED	R10-1108p-3618
\$250 FINE MINIMUM	R2-1106p-3618

WORK ZONE	W21-1115(O)-3618
SPEED LIMIT	R2-1-3648
PHOTO ENFORCED	R10-1108p-3618
\$250 FINE MINIMUM	R2-1106p-3618

WORK ZONE	W21-1115(O)-3618
SPEED LIMIT	R2-1-3648
PHOTO ENFORCED	R10-1108p-3618
\$250 FINE MINIMUM	R2-1106p-3618

- MAINTENANCE OF TRAFFIC LEGEND**
- CONSTRUCTION AREA
 - DIRECTION OF TRAFFIC
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 - IMPACT ATTENUATOR TEST LEVEL III
 - TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHTS AT 50' C-C UNLESS OTHERWISE NOTED DEVICES IN TAPER (20' C-C) DEVICES IN RADII (10' C-C)
 - CONSTRUCTION SIGN
 - TYPE III BARRICADES WITH FLASHING LIGHTS (2 EACH)
 - ARROW BOARD
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 - VERTICAL PANEL WITH STEADY BURN LIGHTS AT 50' C-C UNLESS OTHERWISE NOTED. DEVICES IN TAPER (20' C-C) DEVICES IN RADII (10' C-C)

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**STATE OF ILLINOIS
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MAINTENANCE OF TRAFFIC - STAGE III

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

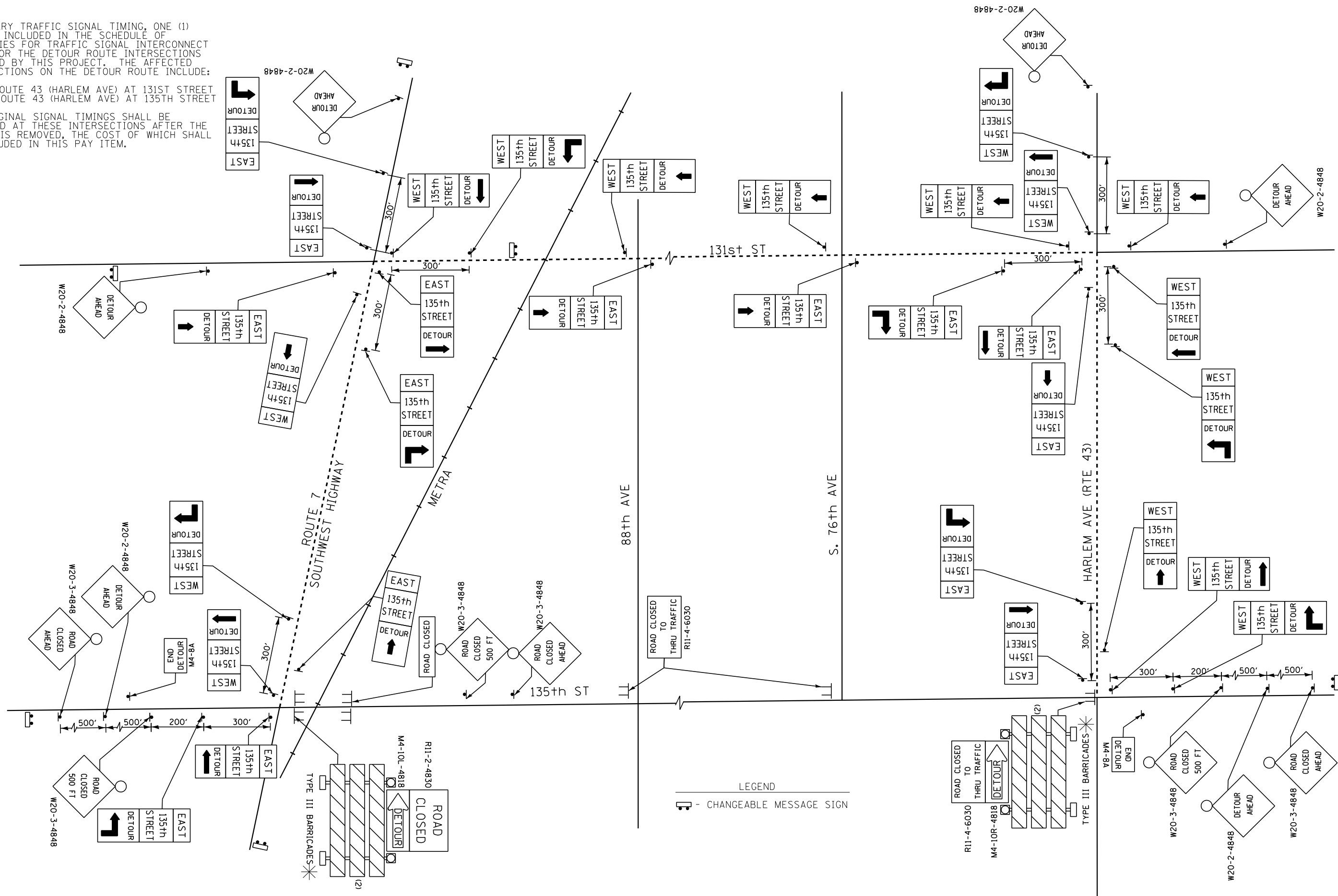
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	59
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				

NOTE

TEMPORARY TRAFFIC SIGNAL TIMING, ONE (1) EACH IS INCLUDED IN THE SCHEDULE OF QUANTITIES FOR TRAFFIC SIGNAL INTERCONNECT ITEMS FOR THE DETOUR ROUTE INTERSECTIONS AFFECTED BY THIS PROJECT. THE AFFECTED INTERSECTIONS ON THE DETOUR ROUTE INCLUDE:

- 1) IL ROUTE 43 (HARLEM AVE) AT 131ST STREET
- 2) IL ROUTE 43 (HARLEM AVE) AT 135TH STREET

THE ORIGINAL SIGNAL TIMINGS SHALL BE RESTORED AT THESE INTERSECTIONS AFTER THE DETOUR IS REMOVED, THE COST OF WHICH SHALL BE INCLUDED IN THIS PAY ITEM.



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	DATE - 12/09/2022	REVISED -

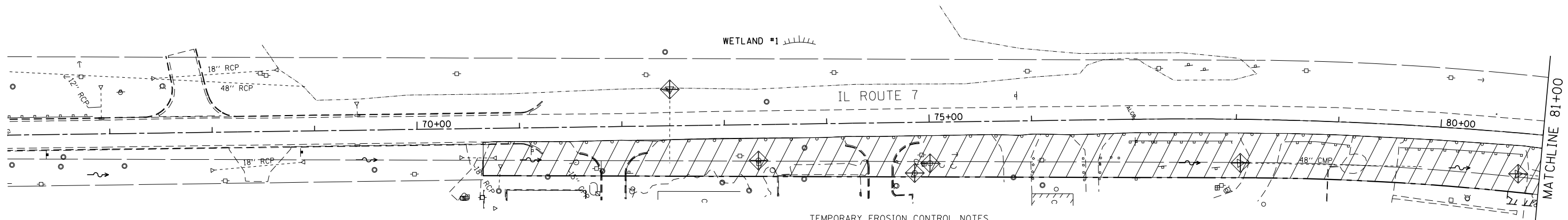
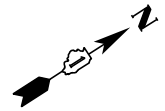
ROAD CLOSED	ROAD CLOSED 500 FT	ROAD CLOSED TO THRU TRAFFIC	DETOUR AHEAD	DETOUR	END DETOUR	TYPE III BARRICADES
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING AND
DETOUR PLAN**

SCALE: N.T.S.	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	60
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				



TEMPORARY EROSION CONTROL NOTES

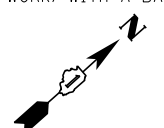
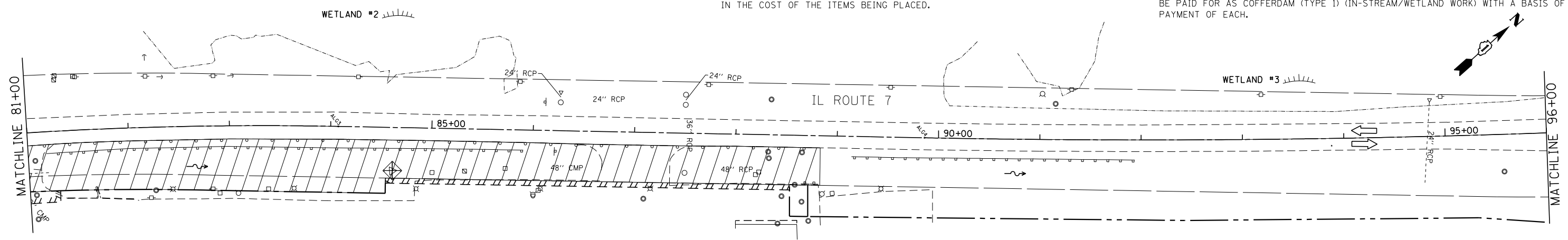
STORMWATER POLLUTION PREVENTION LEGEND

- PERIMETER EROSION BARRIER (P.E.B.)
- TEMPORARY EROSION CONTROL SEEDING
- CONSTRUCTION AREA
- INLET AND PIPE PROTECTION
- INLET FILTERS (EXISTING DRAINAGE STRUCTURES)
- INLET FILTERS (PROPOSED DRAINAGE STRUCTURES)
- TEMPORARY SEDIMENT TRAP
- DRAINAGE STRUCTURES

1. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE LAND IS OTHERWISE DISTURBED ON THE SITE.
2. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN 3 DAYS, THEN SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSTALLED DURING CONSTRUCTION.
3. STORM SEWER INLETS SHALL BE PROTECTED WITH SEDIMENT TRAPPING OR FILTER CONTROL DEVICES DURING CONSTRUCTION.
4. THE QUANTITIES SHOWN FOR ALL EROSION CONTROL MEASURES INCLUDE THE INSTALLATION, MAINTENANCE, AND REMOVAL OF THE MEASURE.
5. THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES IN SERVICEABLE CONDITION AT ALL TIMES. EROSION CONTROL MEASURES WILL BE INSPECTED ON A WEEKLY BASIS AND WITHIN 24 HOURS OF ANY STORM EXCEEDING 0.5 INCHES OF PRECIPITATION OR EQUIVALENT SNOWFALL.
6. ALL CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMIT FOR THIS PROJECT.
7. AS WORK PROGRESSES, ALL SLOPES 3:1 OR GREATER SHALL RECEIVE TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET (SPECIAL) IMMEDIATELY. ALL FLATTER AREAS THAT DO NOT HAVE A COVER OF VEGETATION, AND WHERE NO FURTHER WORK IS TO OCCUR FOR ONE MONTH OR MORE, SHALL BE TEMPORARILY SEEDED WITHIN SEVEN (7) CALENDAR DAYS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. A SUFFICIENT QUANTITY OF TEMPORARY EROSION CONTROL SEEDING IS INCLUDED TO COVER THE LIMITS OF PERMANENT LANDSCAPING.

8. ALL PROPOSED OPEN LID DRAINAGE STRUCTURES SHALL BE PROTECTED AS DIRECTED BY THE ENGINEER WITH INLET FILTERS, AND THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "INLET FILTERS". ALL OPEN END CULVERTS SHALL BE PROTECTED AS DIRECTED BY THE ENGINEER, WHICH WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "INLET AND PIPE PROTECTION". "INLET AND PIPE PROTECTION" SHALL BE COMPRISED OF DITCH CHECKS, TEMPORARY SEEDING AND EROSION CONTROL BLANKET (SPECIAL). STRAW BALES AND SILT FENCE SHALL NOT BE USED AS INLET AND PIPE PROTECTION.
9. WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.
10. ANY SOIL, MUD OR DEBRIS WASHED, TRACKED, OR DEPOSITED ONTO THE STREET SHALL BE REMOVED PRIOR TO THE END OF THE WORK DAY.
11. SILT FENCE IS NOT REQUIRED WHERE THE PERIMETER IS HIGHER THAN THE WORK ZONE, AND SILT FENCE SHALL NOT BE INSTALLED ACROSS CONCENTRATED FLOW, OR ACROSS CONTOURS WITHOUT J-HOOKS (HIGHWAY STANDARD 280001).
12. TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED ON ALL NEWLY DISTURBED AREAS EVERY 7 DAYS IF AN AREA IS TO BE IDLE FOR 14 DAYS OR MORE.
13. PORTABLE TOILETS SHALL BE PLACED AWAY FROM INLETS AND WATER COURSES.
14. THE EROSION CONTROL MEASURES INDICATED IN THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY.
15. TEMPORARY CONCRETE WASHOUT AREA FACILITIES SHALL BE PLACED AT LOCATIONS DESIGNATED BY THE ENGINEER AND WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE COST OF THE ITEMS BEING PLACED.

16. THE CONTRACTOR IS RESPONSIBLE FOR THE CONTROL OF DUST AT ALL TIMES DURING THE DURATION OF THE PROJECT, 24 HOURS PER DAY, 7 DAYS PER WEEK, INCLUDING NON-WORKING HOURS, WEEKENDS AND HOLIDAYS. THIS WORK SHALL BE CONSIDERED COMPLETE AFTER THE COMPLETION OF ALL PERMANENT EROSION CONTROL MEASURES REQUIRED FOR THE PROJECT, AND AFTER ALL TEMPORARY AND PERMANENT SEEDING HAS TAKEN PLACE. WORK ON THIS PROJECT SHALL BE CONDUCTED IN A MANNER THAT WILL NOT RESULT IN GENERATING EXCESSIVE AIRBORNE PARTICULATE MATTER OR NUISANCE DUST CONDITIONS.
17. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOT'S BEST MANAGEMENT PRACTICES - MAINTENANCE GUIDE.
18. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.
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JJB
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 CONSULTING ENGINEERS
 1011 WARRENVILLE ROAD, SUITE 420
 LESLIE, IL 60532
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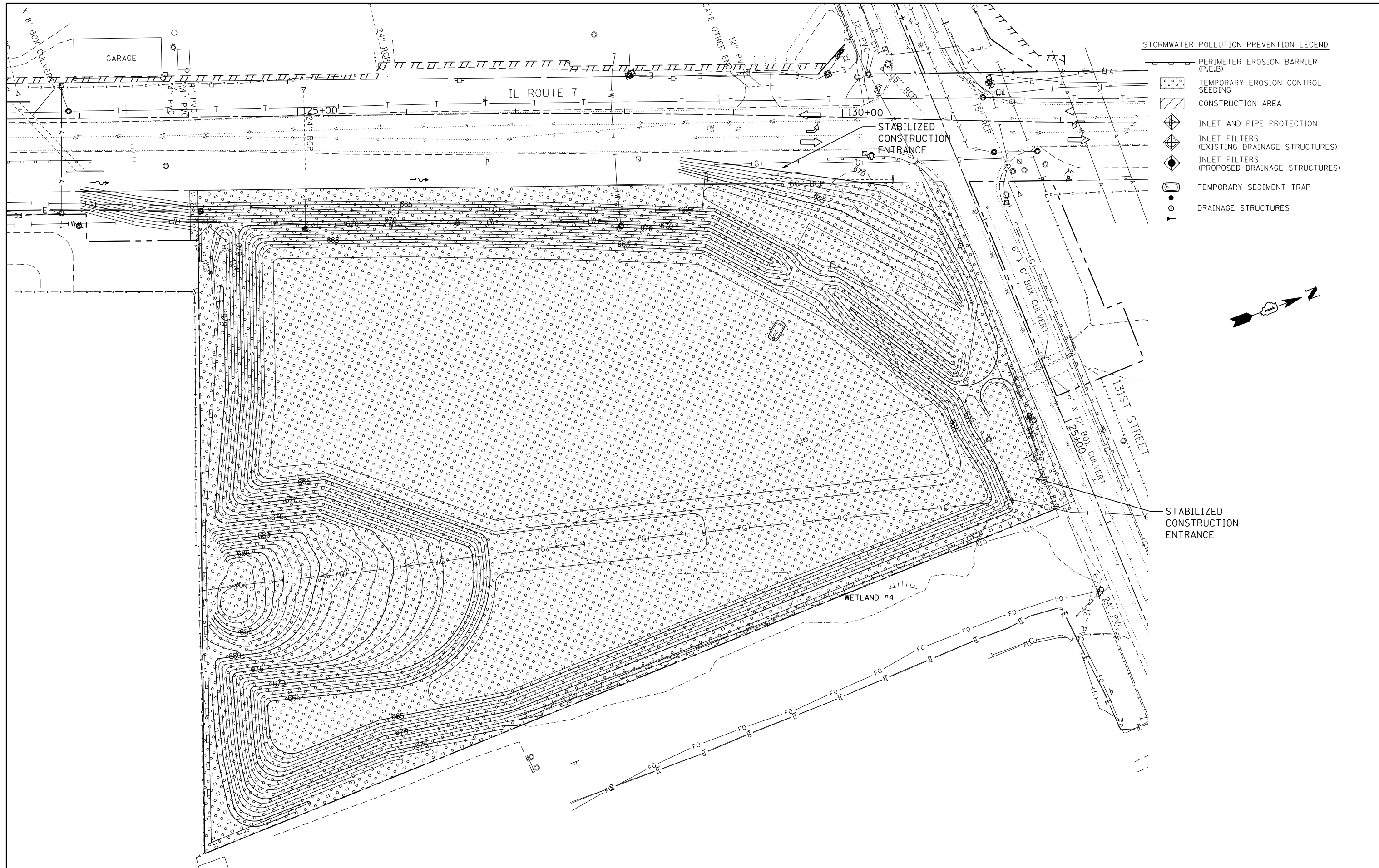
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
 STAGE - I

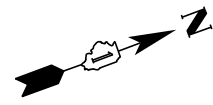
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	61
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				



STORMWATER POLLUTION PREVENTION LEGEND

- PERIMETER EROSION BARRIER (P.E.B.)
- TEMPORARY EROSION CONTROL SEEDING
- CONSTRUCTION AREA
- INLET AND PIPE PROTECTION
- INLET FILTERS (EXISTING DRAINAGE STRUCTURES)
- INLET FILTERS (PROPOSED DRAINAGE STRUCTURES)
- TEMPORARY SEDIMENT TRAP
- DRAINAGE STRUCTURES



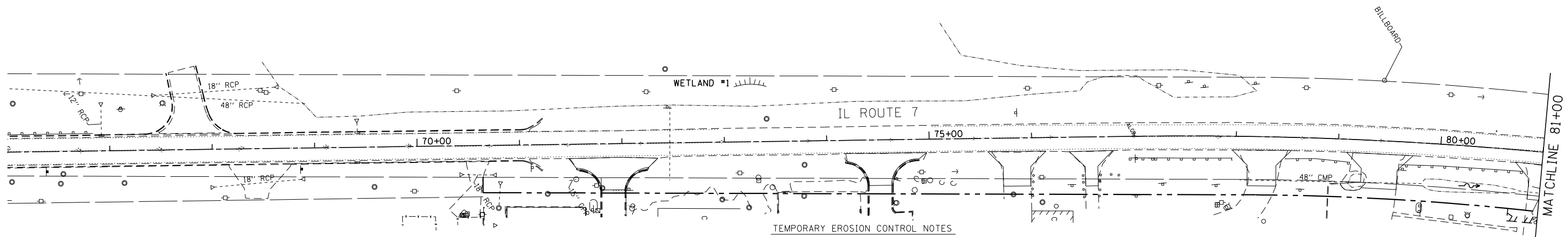
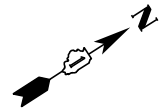
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 CONSULTING ENGINEERS
 1011 WARRENVILLE ROAD, SUITE 420
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN			
STAGE - I			
SCALE: 1"=40'	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	62
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				



TEMPORARY EROSION CONTROL NOTES

STORMWATER POLLUTION PREVENTION LEGEND

- PERIMETER EROSION BARRIER (P.E.B.)
- TEMPORARY EROSION CONTROL SEEDING
- CONSTRUCTION AREA
- INLET AND PIPE PROTECTION
- INLET FILTERS (EXISTING DRAINAGE STRUCTURES)
- INLET FILTERS (PROPOSED DRAINAGE STRUCTURES)
- TEMPORARY SEDIMENT TRAP
- DRAINAGE STRUCTURES

1. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE LAND IS OTHERWISE DISTURBED ON THE SITE.
2. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN 3 DAYS, THEN SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSTALLED DURING CONSTRUCTION.
3. STORM SEWER INLETS SHALL BE PROTECTED WITH SEDIMENT TRAPPING OR FILTER CONTROL DEVICES DURING CONSTRUCTION.
4. THE QUANTITIES SHOWN FOR ALL EROSION CONTROL MEASURES INCLUDE THE INSTALLATION, MAINTENANCE, AND REMOVAL OF THE MEASURE.
5. THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES IN SERVICEABLE CONDITION AT ALL TIMES. EROSION CONTROL MEASURES WILL BE INSPECTED ON A WEEKLY BASIS AND WITHIN 24 HOURS OF ANY STORM EXCEEDING 0.5 INCHES OF PRECIPITATION OR EQUIVALENT SNOWFALL.
6. ALL CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMIT FOR THIS PROJECT.
7. AS WORK PROGRESSES, ALL SLOPES 3:1 OR GREATER SHALL RECEIVE TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET (SPECIAL) IMMEDIATELY. ALL FLATTER AREAS THAT DO NOT HAVE A COVER OF VEGETATION, AND WHERE NO FURTHER WORK IS TO OCCUR FOR ONE MONTH OR MORE, SHALL BE TEMPORARILY SEEDED WITHIN SEVEN (7) CALENDAR DAYS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. A SUFFICIENT QUANTITY OF TEMPORARY EROSION CONTROL SEEDING IS INCLUDED TO COVER THE LIMITS OF PERMANENT LANDSCAPING.

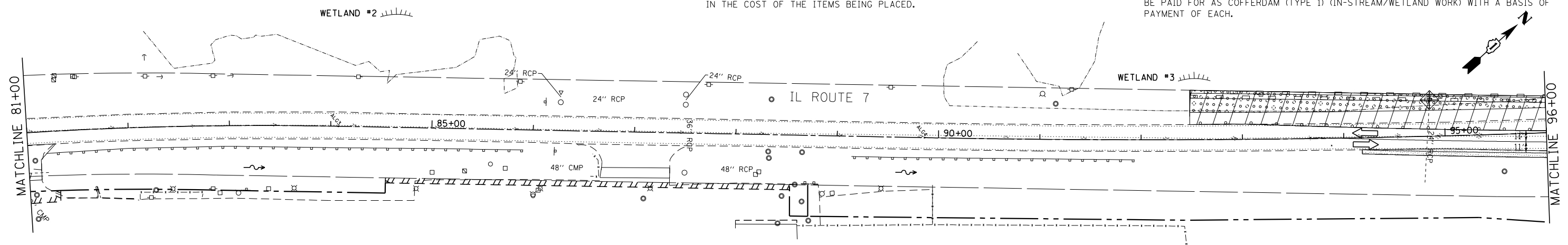
8. ALL PROPOSED OPEN LID DRAINAGE STRUCTURES SHALL BE PROTECTED AS DIRECTED BY THE ENGINEER WITH INLET FILTERS, AND THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "INLET FILTERS". ALL OPEN END CULVERTS SHALL BE PROTECTED AS DIRECTED BY THE ENGINEER, WHICH WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "INLET AND PIPE PROTECTION". "INLET AND PIPE PROTECTION" SHALL BE COMPRISED OF DITCH CHECKS, TEMPORARY SEEDING AND EROSION CONTROL BLANKET (SPECIAL). STRAW BALES AND SILT FENCE SHALL NOT BE USED AS INLET AND PIPE PROTECTION.
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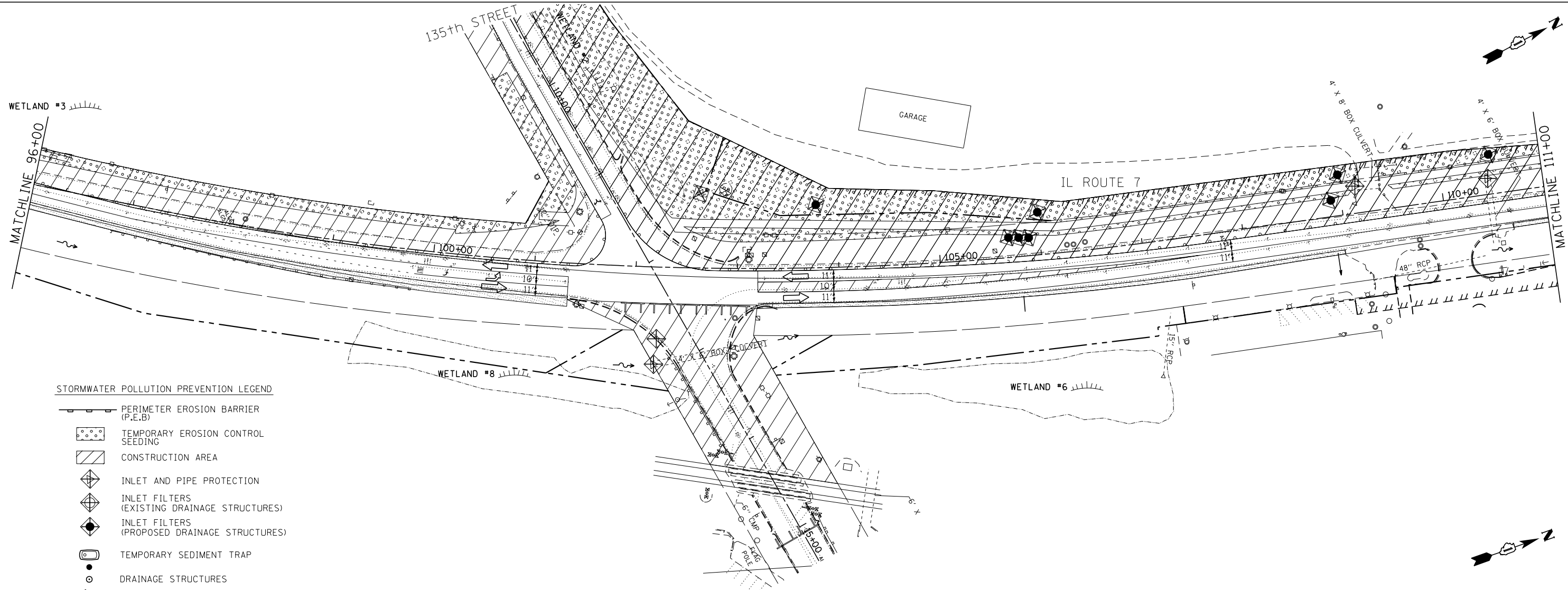
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**









**EROSION AND SEDIMENT CONTROL PLAN
STAGE - II**

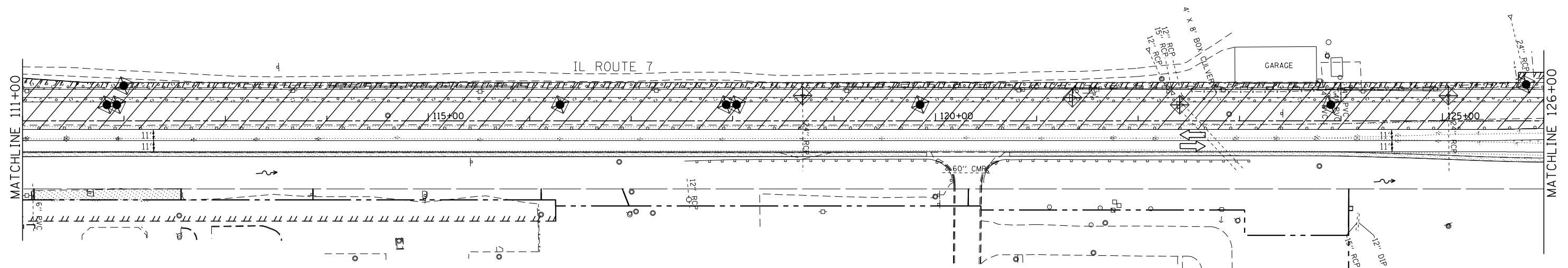
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	63
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				



STORMWATER POLLUTION PREVENTION LEGEND

-  PERIMETER EROSION BARRIER (P.E.B.)
-  TEMPORARY EROSION CONTROL SEEDING
-  CONSTRUCTION AREA
-  INLET AND PIPE PROTECTION
-  INLET FILTERS (EXISTING DRAINAGE STRUCTURES)
-  INLET FILTERS (PROPOSED DRAINAGE STRUCTURES)
-  TEMPORARY SEDIMENT TRAP
-  DRAINAGE STRUCTURES



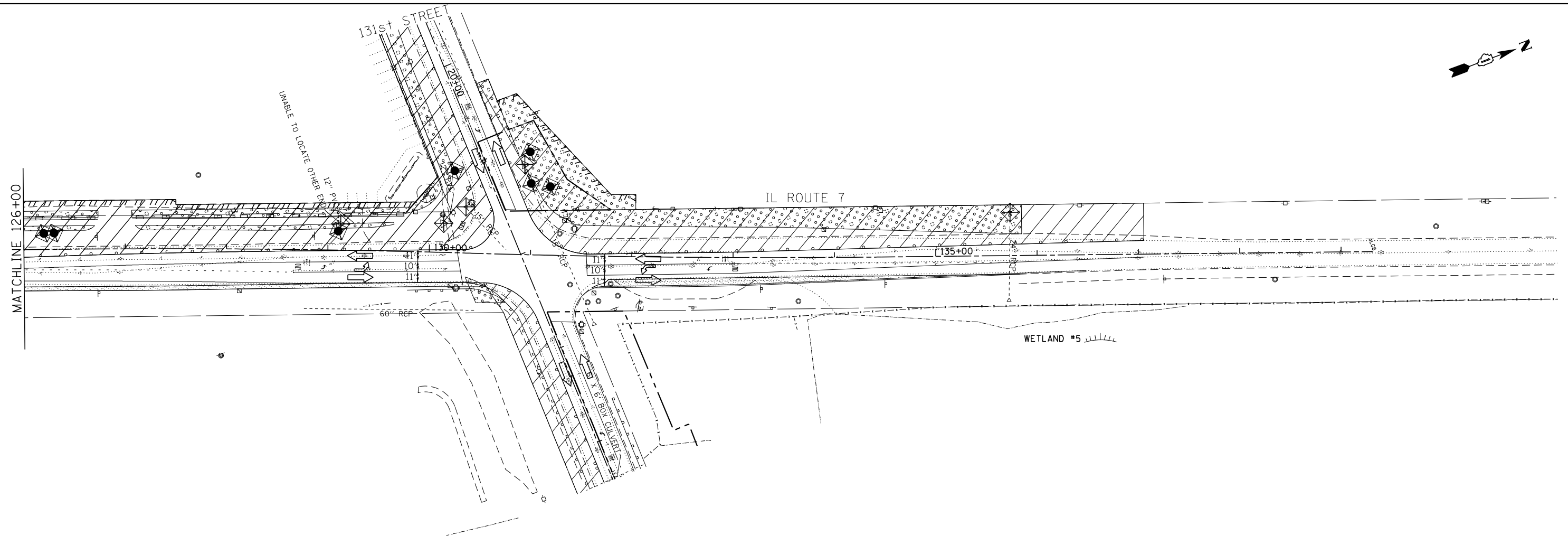
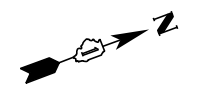
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USER NAME : *USER*	DESIGNED - SJC	REVISED -
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	DATE - 12/09/2022	REVISED -

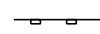







**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EROSION AND SEDIMENT CONTROL PLAN			
STAGE - II			
SCALE: 1"=50'	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	64
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				



STORMWATER POLLUTION PREVENTION LEGEND

-  PERIMETER EROSION BARRIER (P.E.B)
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-  INLET AND PIPE PROTECTION
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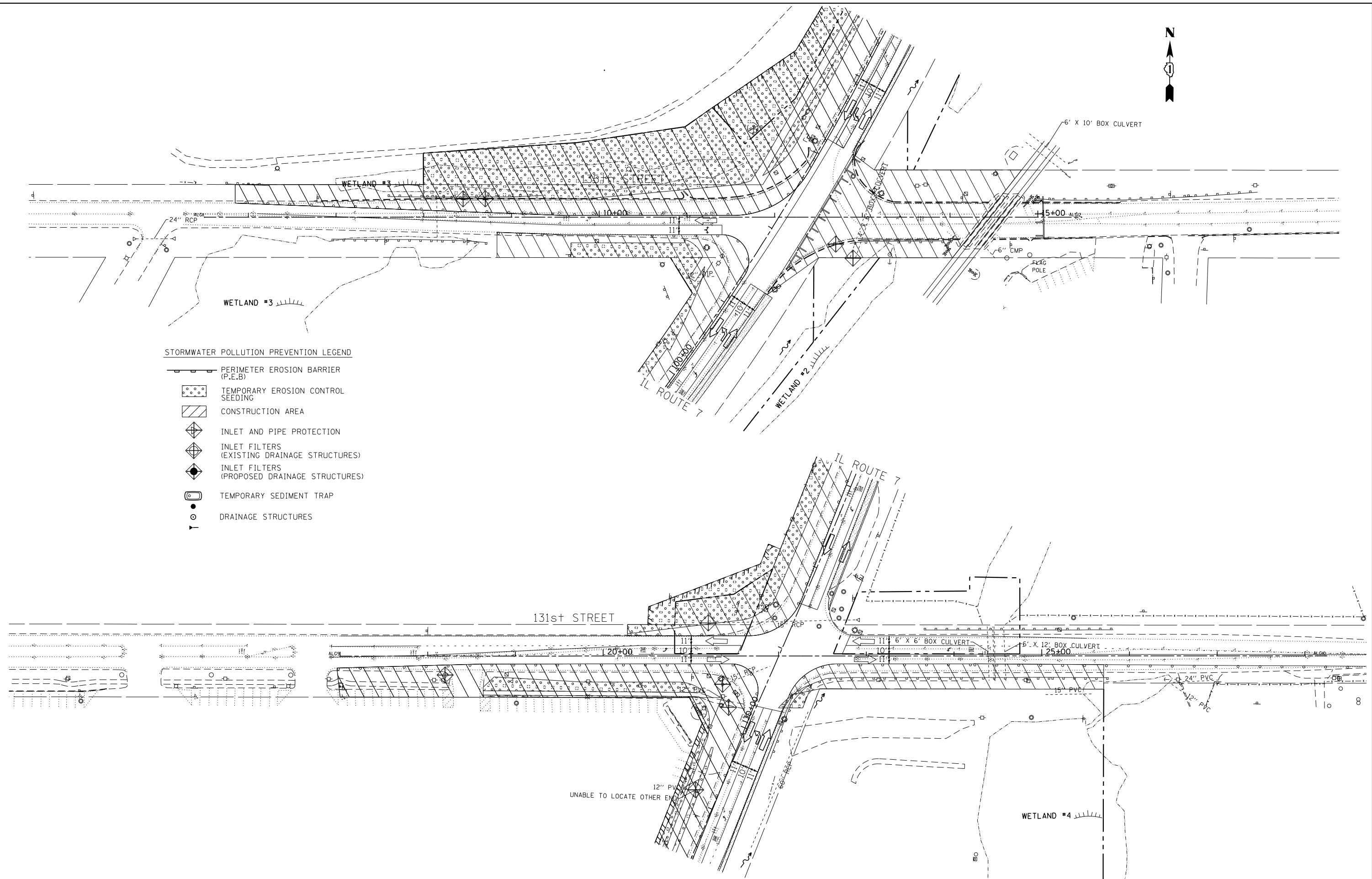
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN
 STAGE - II**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	65
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				



STORMWATER POLLUTION PREVENTION LEGEND

- PERIMETER EROSION BARRIER (P.E.B)
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- DRAINAGE STRUCTURES

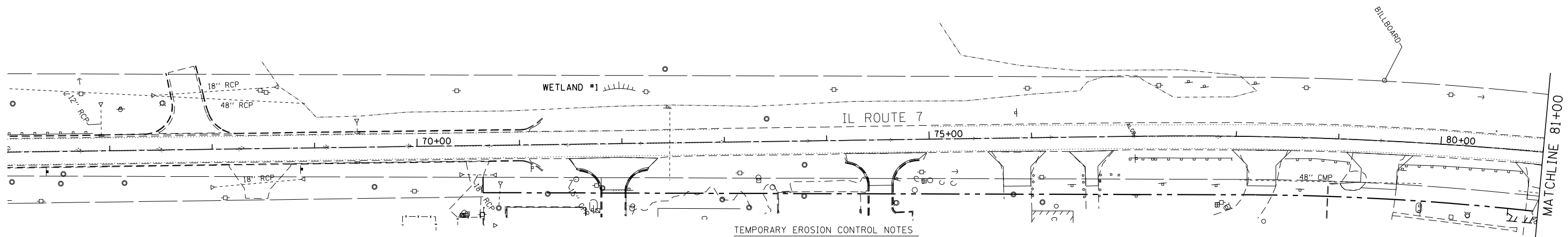
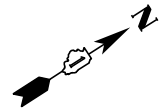
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EROSION AND SEDIMENT CONTROL PLAN			
STAGE - II			
SCALE: 1"=50'	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	66
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				



TEMPORARY EROSION CONTROL NOTES

STORMWATER POLLUTION PREVENTION LEGEND

- PERIMETER EROSION BARRIER (P.E.B.)
- TEMPORARY EROSION CONTROL SEEDING
- CONSTRUCTION AREA
- INLET AND PIPE PROTECTION
- INLET FILTERS (EXISTING DRAINAGE STRUCTURES)
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- TEMPORARY SEDIMENT TRAP
- DRAINAGE STRUCTURES

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3. STORM SEWER INLETS SHALL BE PROTECTED WITH SEDIMENT TRAPPING OR FILTER CONTROL DEVICES DURING CONSTRUCTION.
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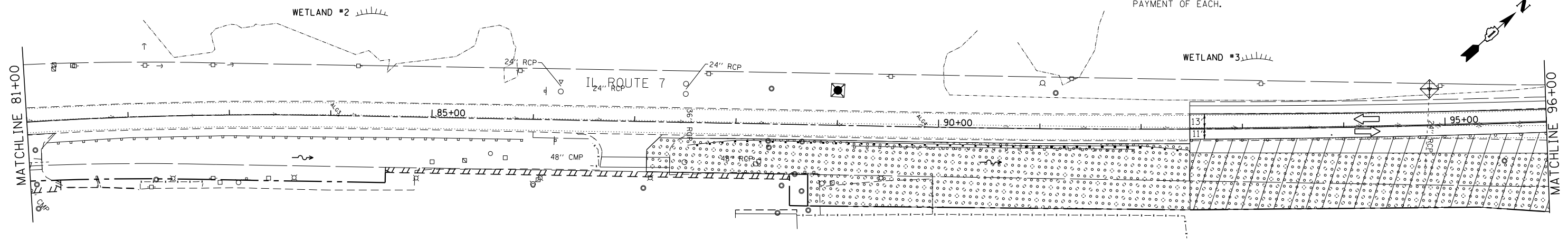
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18. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDING AT ONE TIME.

19. THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. ALL CONDITIONS OF THE 404 PERMIT MUST BE FOLLOWED. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN (INCLUDING WORK WITHIN WETLANDS) TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES (INCLUDING WORK WITHIN WETLANDS) CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN (INCLUDING WORK WITHIN WETLANDS) WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE EROSION CONTROL BID ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED WITH THE EXCEPTION OF COFFERDAMS, WHICH WILL BE PAID FOR AS COFFERDAM (TYPE 1) (IN-STREAM/WETLAND WORK) WITH A BASIS OF PAYMENT OF EACH.



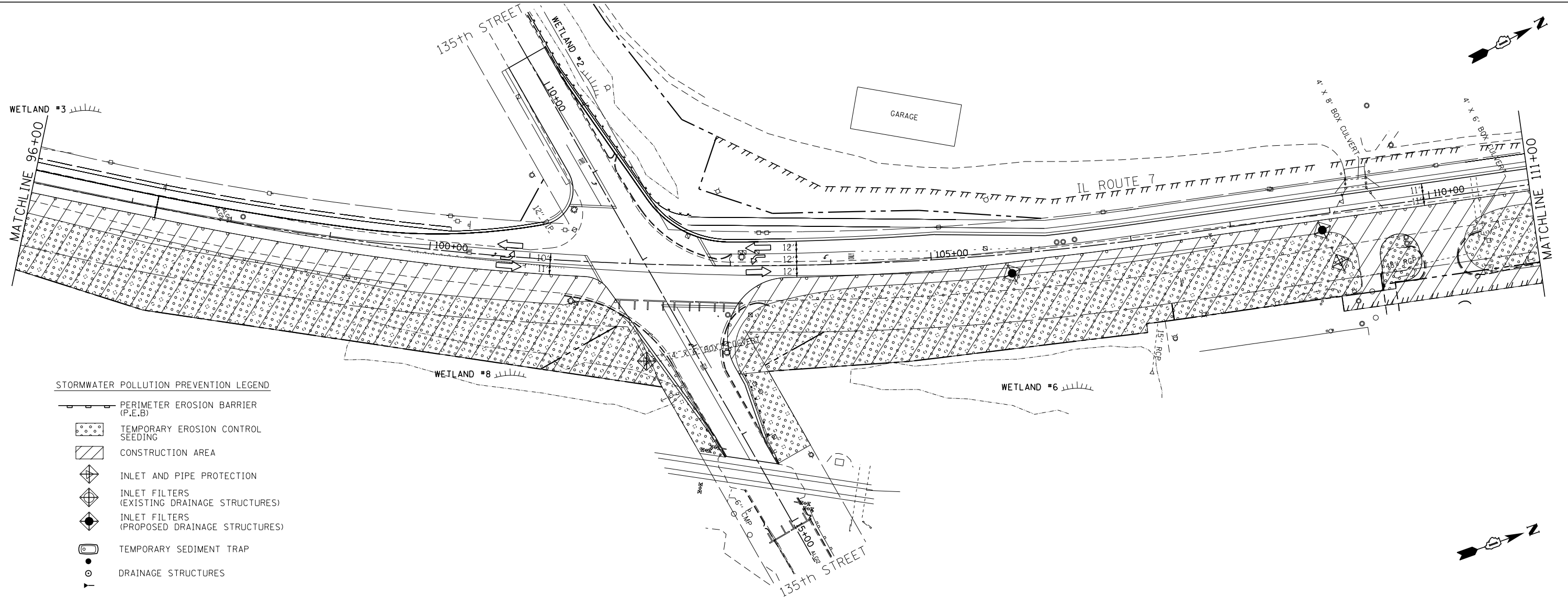
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 JAMES J. BENES & ASSOCIATES
 CONSULTING ENGINEERS
 1011 WARRENVILLE ROAD, SUITE 420
 Lisle, IL 60532
 (630) 719-7570

USER NAME = *USER*	DESIGNED - SJG	REVISED -
PLOT SCALE = *SCALE*	DRAWN - SMP	REVISED -
PLOT DATE = *DATE*	CHECKED - BDH	REVISED -
	DATE - 12/09/2022	REVISED -

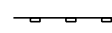







**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

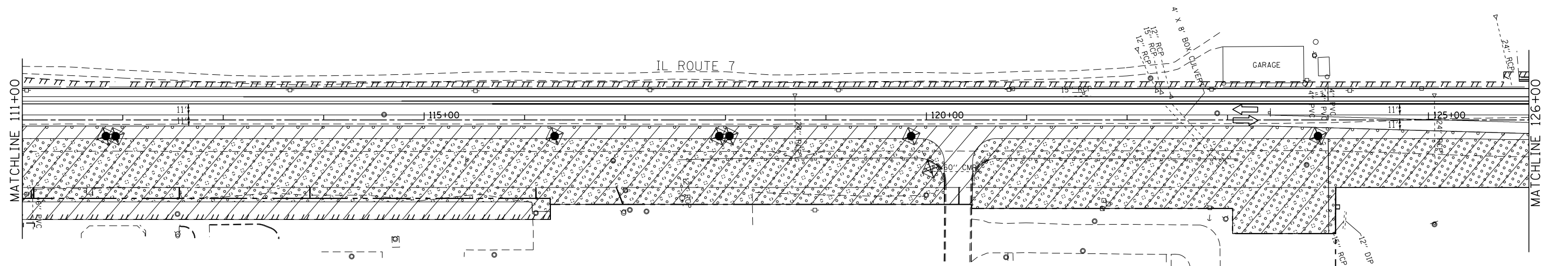
EROSION AND SEDIMENT CONTROL PLAN			
STAGE - III			
SCALE: 1"=50'	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	67
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				



STORMWATER POLLUTION PREVENTION LEGEND

-  PERIMETER EROSION BARRIER (P.E.B.)
-  TEMPORARY EROSION CONTROL SEEDING
-  CONSTRUCTION AREA
-  INLET AND PIPE PROTECTION
-  INLET FILTERS (EXISTING DRAINAGE STRUCTURES)
-  INLET FILTERS (PROPOSED DRAINAGE STRUCTURES)
-  TEMPORARY SEDIMENT TRAP
-  DRAINAGE STRUCTURES



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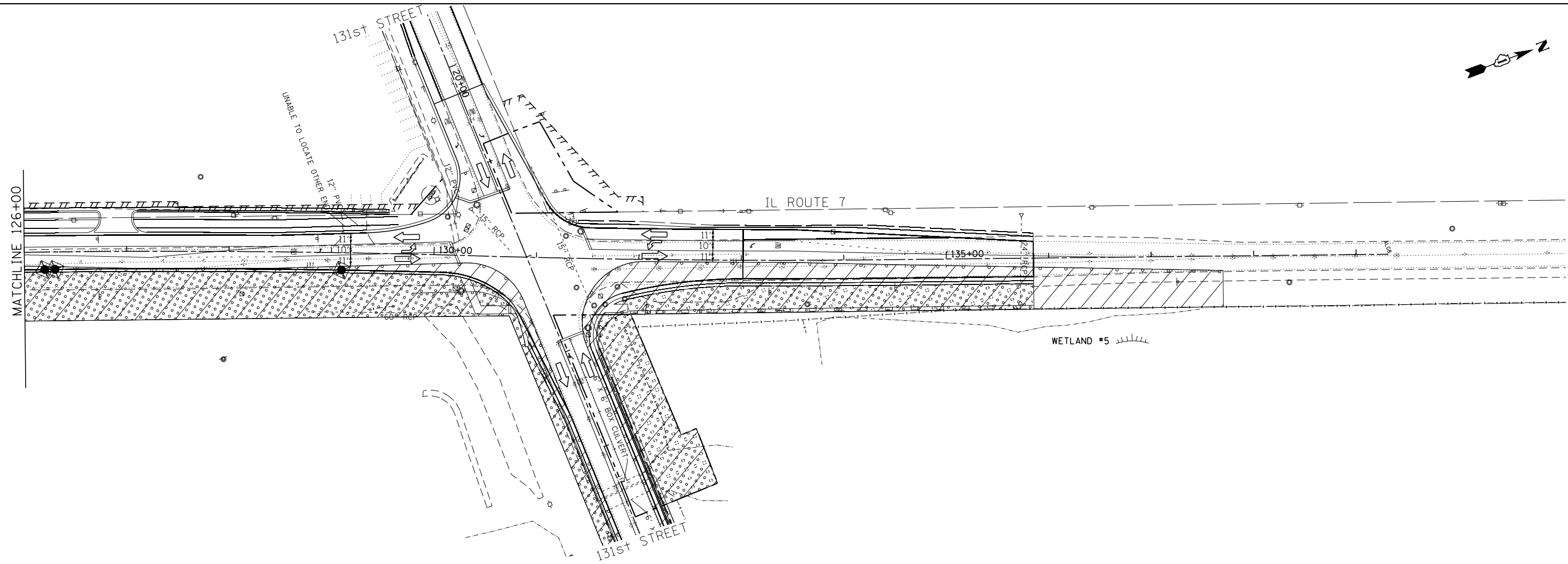
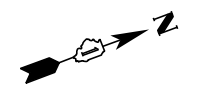
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PLOT SCALE : *SCALE*	DRAWN - SMP	REVISED -
PLOT DATE : *DATE*	CHECKED - BDH	REVISED -
	DATE - 12/09/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

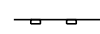







**EROSION AND SEDIMENT CONTROL PLAN
 STAGE - III**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	68
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				



STORMWATER POLLUTION PREVENTION LEGEND

-  PERIMETER EROSION BARRIER (P.E.B)
-  TEMPORARY EROSION CONTROL SEEDING
-  CONSTRUCTION AREA
-  INLET AND PIPE PROTECTION
-  INLET FILTERS (EXISTING DRAINAGE STRUCTURES)
-  INLET FILTERS (PROPOSED DRAINAGE STRUCTURES)
-  TEMPORARY SEDIMENT TRAP
-  DRAINAGE STRUCTURES

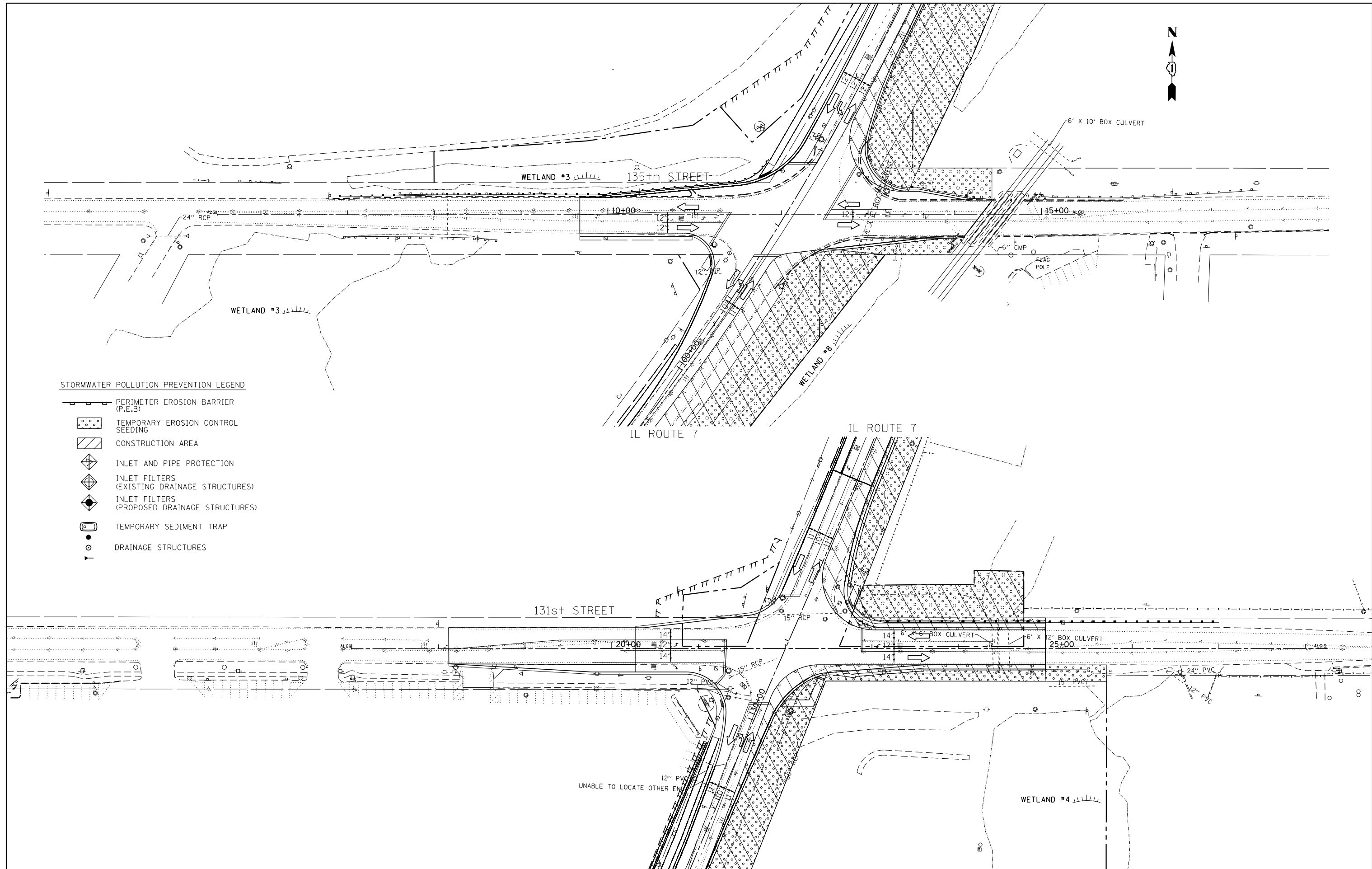
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 LESLIE, IL 60532
 (630) 719-7570

USER NAME = \$USER*	DESIGNED - SJG	REVISED -
PLOT SCALE = \$SCALE*	DRAWN - SMP	REVISED -
PLOT DATE = \$DATE*	CHECKED - BDH	REVISED -
	DATE - 12/09/2022	REVISED -









**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EROSION AND SEDIMENT CONTROL PLAN			
STAGE - III			
SCALE: 1"=50'	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	69
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				



STORMWATER POLLUTION PREVENTION LEGEND

-  PERIMETER EROSION BARRIER (P.E.B.)
-  TEMPORARY EROSION CONTROL SEEDING
-  CONSTRUCTION AREA
-  INLET AND PIPE PROTECTION
-  INLET FILTERS (EXISTING DRAINAGE STRUCTURES)
-  INLET FILTERS (PROPOSED DRAINAGE STRUCTURES)
-  TEMPORARY SEDIMENT TRAP
-  DRAINAGE STRUCTURES

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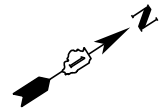
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	DATE - 12/09/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

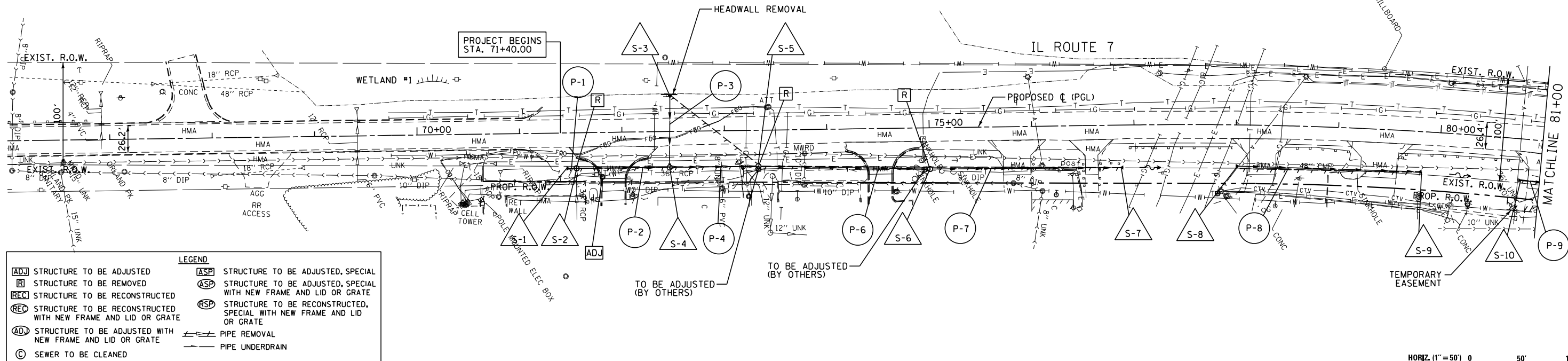
**EROSION AND SEDIMENT CONTROL PLAN
 STAGE - III**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	70
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
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	CHECKED	
	AT	
	BY	
	NO.	
	FILE NAME	

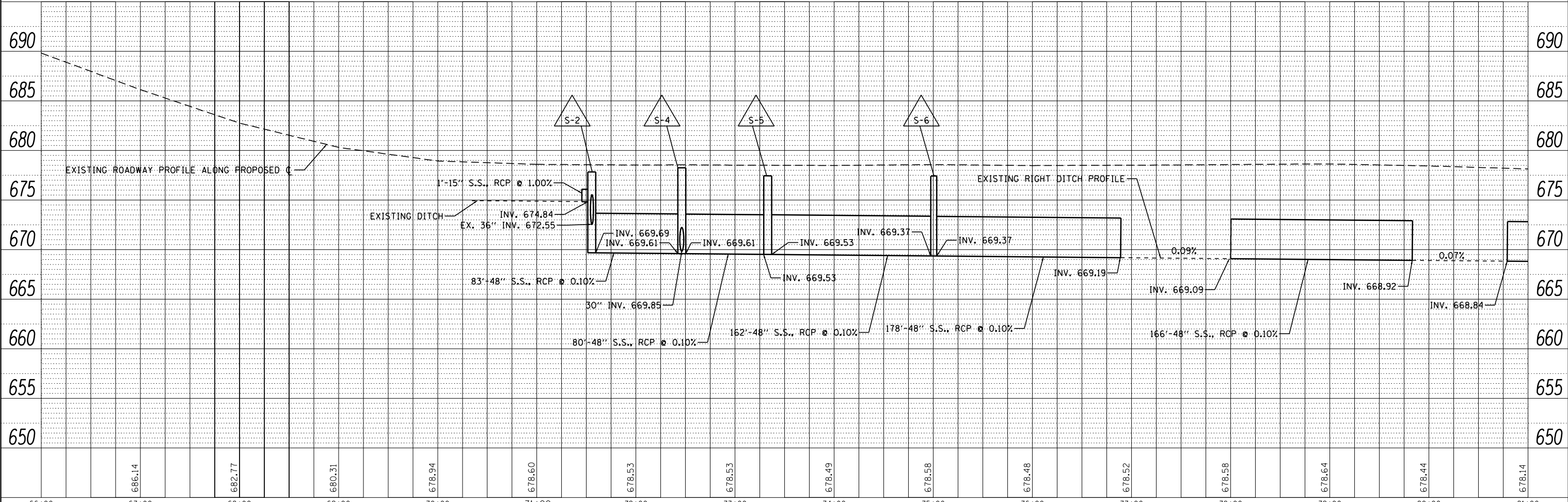


LEGEND

ADJ STRUCTURE TO BE ADJUSTED	ASP STRUCTURE TO BE ADJUSTED, SPECIAL
R STRUCTURE TO BE REMOVED	ASP STRUCTURE TO BE ADJUSTED, SPECIAL WITH NEW FRAME AND LID OR GRATE
REC STRUCTURE TO BE RECONSTRUCTED	RSP STRUCTURE TO BE RECONSTRUCTED, SPECIAL WITH NEW FRAME AND LID OR GRATE
REC STRUCTURE TO BE RECONSTRUCTED WITH NEW FRAME AND LID OR GRATE	RSP STRUCTURE TO BE RECONSTRUCTED, SPECIAL WITH NEW FRAME AND LID OR GRATE
ADJ STRUCTURE TO BE ADJUSTED WITH NEW FRAME AND LID OR GRATE	--- PIPE REMOVAL
C SEWER TO BE CLEANED	--- PIPE UNDERDRAIN



PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	AT	
	BY	
	NO.	
	FILE NAME	



66+00	67+00	68+00	69+00	70+00	71+00	72+00	73+00	74+00	75+00	76+00	77+00	78+00	79+00	80+00	81+00													
686.14		682.77		680.31		678.94		678.60		678.53		678.53		678.49		678.58		678.48		678.52		678.58		678.64		678.44		678.14

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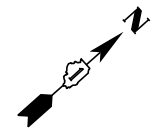
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PLOT SCALE : *SCALE*	CHECKED - BDH	REVISED -
PLOT DATE : *DATE*	DATE - 12/09/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITIES PLAN

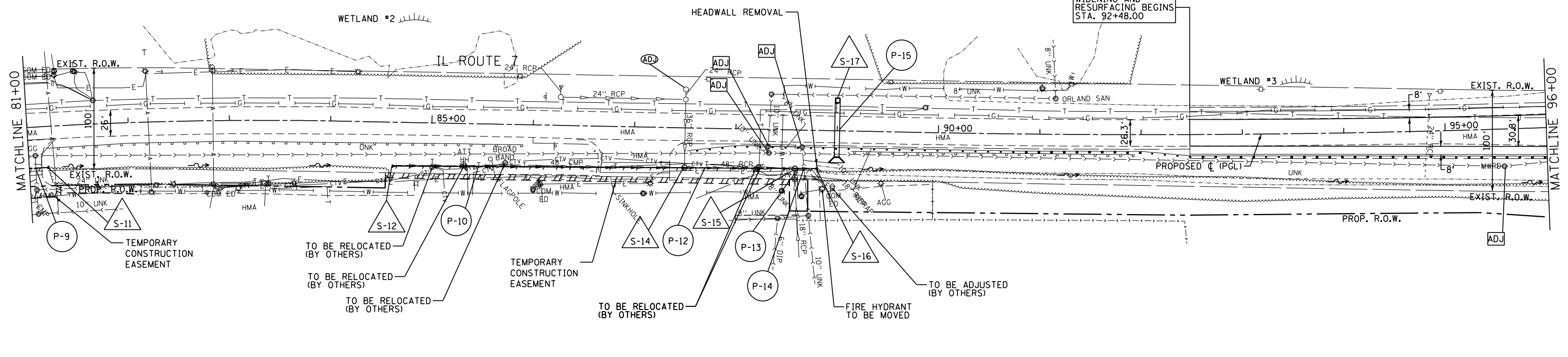
SCALE: 1"=50' SHEET OF SHEETS STA. 66+00 TO STA. 81+00

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	71
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				

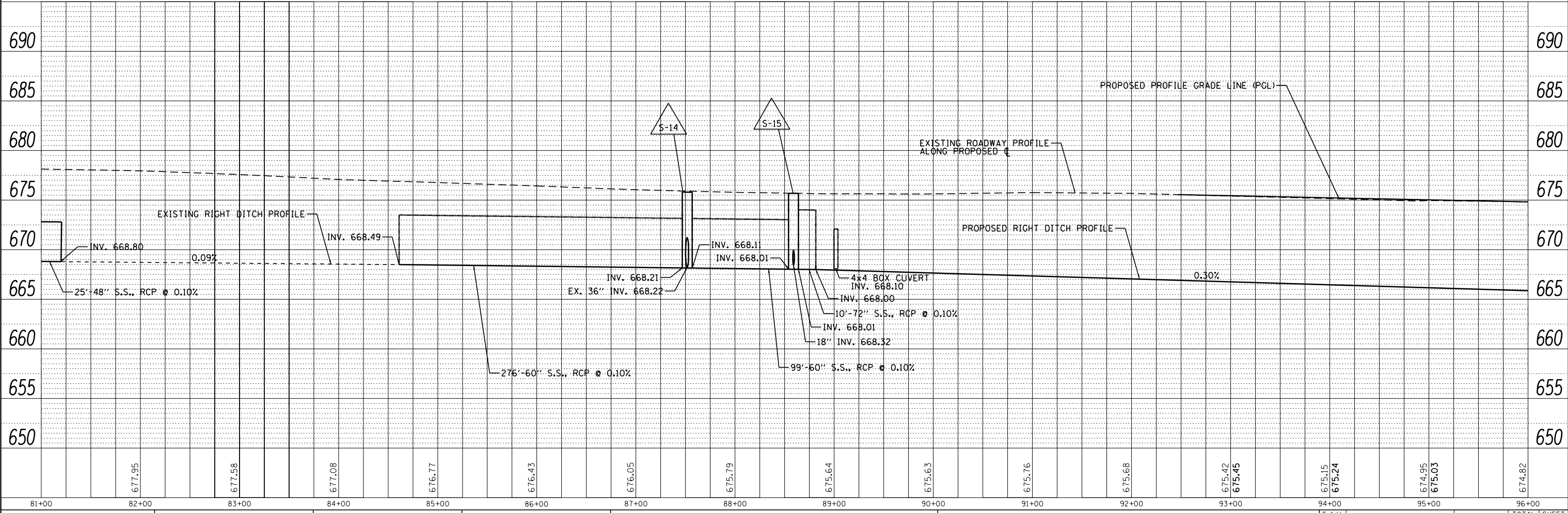


LEGEND	
ADJ STRUCTURE TO BE ADJUSTED	ASP STRUCTURE TO BE ADJUSTED, SPECIAL
R STRUCTURE TO BE REMOVED	ASP STRUCTURE TO BE ADJUSTED, SPECIAL WITH NEW FRAME AND LID OR GRATE
REC STRUCTURE TO BE RECONSTRUCTED	RSP STRUCTURE TO BE RECONSTRUCTED, SPECIAL WITH NEW FRAME AND LID OR GRATE
REC STRUCTURE TO BE RECONSTRUCTED WITH NEW FRAME AND LID OR GRATE	AD STRUCTURE TO BE ADJUSTED WITH NEW FRAME AND LID OR GRATE
AD STRUCTURE TO BE ADJUSTED WITH NEW FRAME AND LID OR GRATE	--- PIPE REMOVAL
C SEWER TO BE CLEANED	--- PIPE UNDERDRAIN

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



PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	CHECKED	
	AT	
	BY	
	FILE NAME	



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USER NAME = *USER*	DESIGNED - BLG	REVISED -
PLOT SCALE = *SCALE*	DRAWN - SMP	REVISED -
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	DATE - 12/09/2022	REVISED -

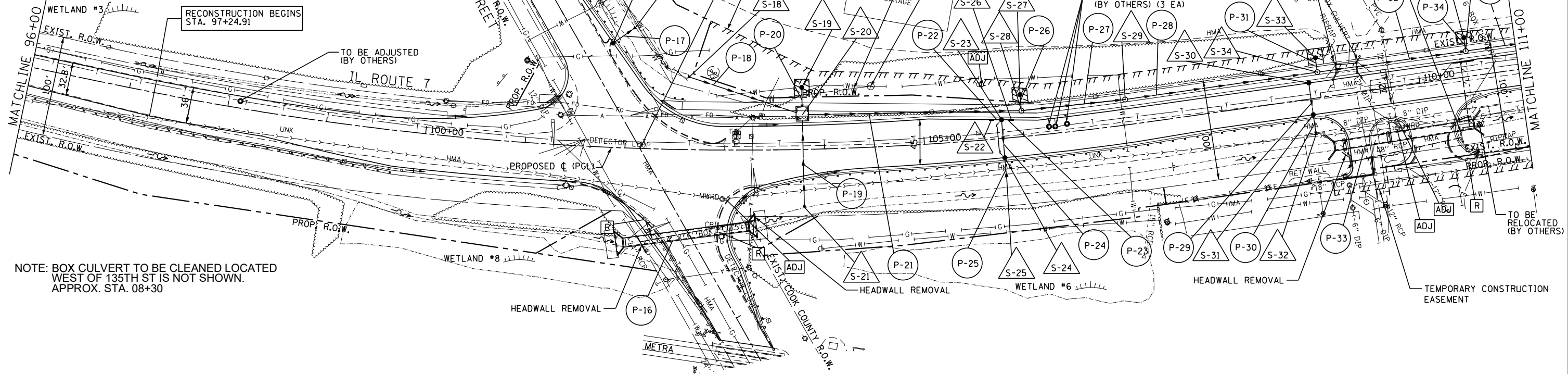
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITIES PLAN

SCALE: 1"=50' SHEET OF SHEETS STA. 81+00 TO STA. 96+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	72
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				

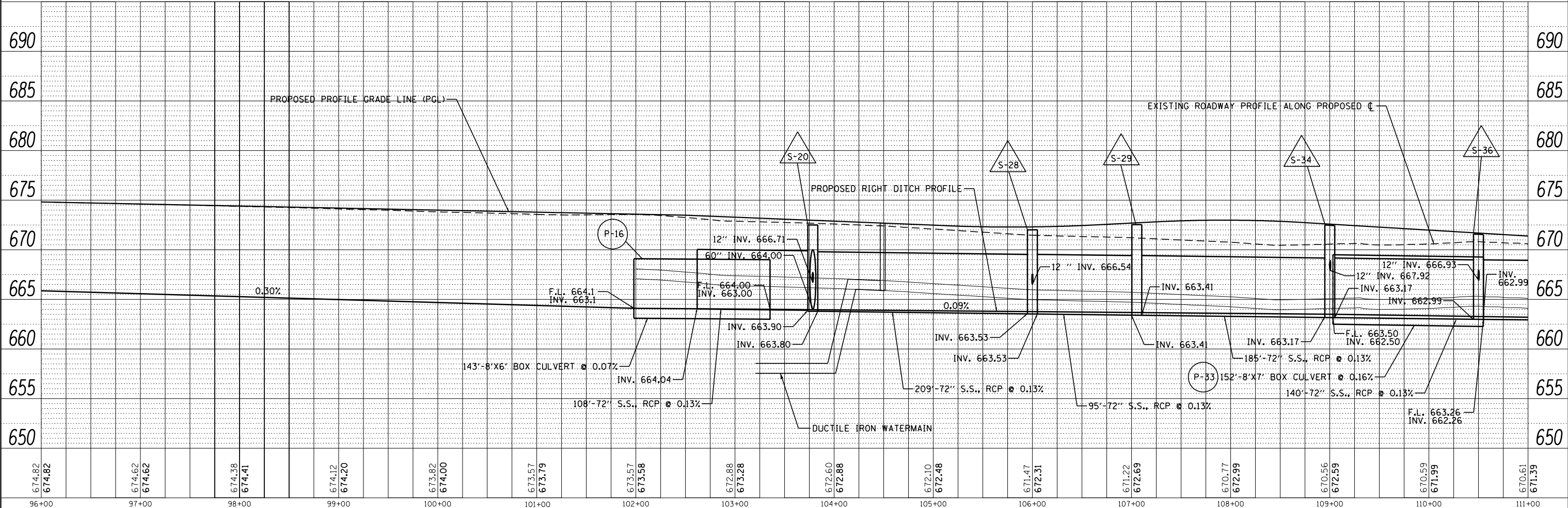
LEGEND	
ADJ STRUCTURE TO BE ADJUSTED	ASP STRUCTURE TO BE ADJUSTED, SPECIAL
R STRUCTURE TO BE REMOVED	ASP STRUCTURE TO BE ADJUSTED, SPECIAL WITH NEW FRAME AND LID OR GRATE
REC STRUCTURE TO BE RECONSTRUCTED	RSP STRUCTURE TO BE RECONSTRUCTED, SPECIAL WITH NEW FRAME AND LID OR GRATE
REC STRUCTURE TO BE RECONSTRUCTED WITH NEW FRAME AND LID OR GRATE	RSP STRUCTURE TO BE RECONSTRUCTED, SPECIAL WITH NEW FRAME AND LID OR GRATE
ADJ STRUCTURE TO BE ADJUSTED WITH NEW FRAME AND LID OR GRATE	PIPE REMOVAL
C SEWER TO BE CLEANED	PIPE UNDERDRAIN



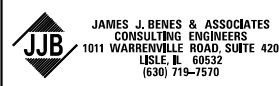
NOTE: BOX CULVERT TO BE CLEANED LOCATED WEST OF 135TH ST IS NOT SHOWN. APPROX. STA. 08+30

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	AT	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	AT	
	BY	
	NO.	



674.82	674.82	674.62	674.62	674.38	674.41	674.12	674.20	673.82	674.00	673.57	673.79	673.57	673.58	672.88	673.28	672.60	672.88	672.10	672.48	671.47	672.31	671.22	672.69	670.77	672.99	670.56	672.59	670.59	671.99	670.61	671.39
96+00	97+00	98+00	99+00	100+00	101+00	102+00	103+00	104+00	105+00	106+00	107+00	108+00	109+00	110+00	111+00																



USER NAME : *USER*	DESIGNED - BLG	REVISED - OM-03/16/2023
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

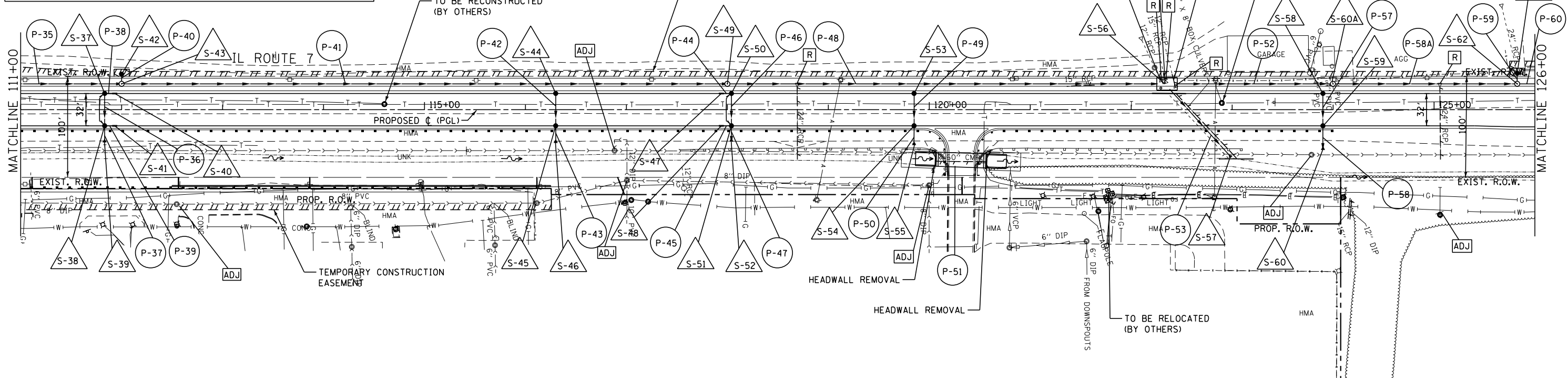
DRAINAGE AND UTILITIES PLAN

SCALE: 1"=50' SHEET OF SHEETS STA. 96+00 TO STA. 111+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	73
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				

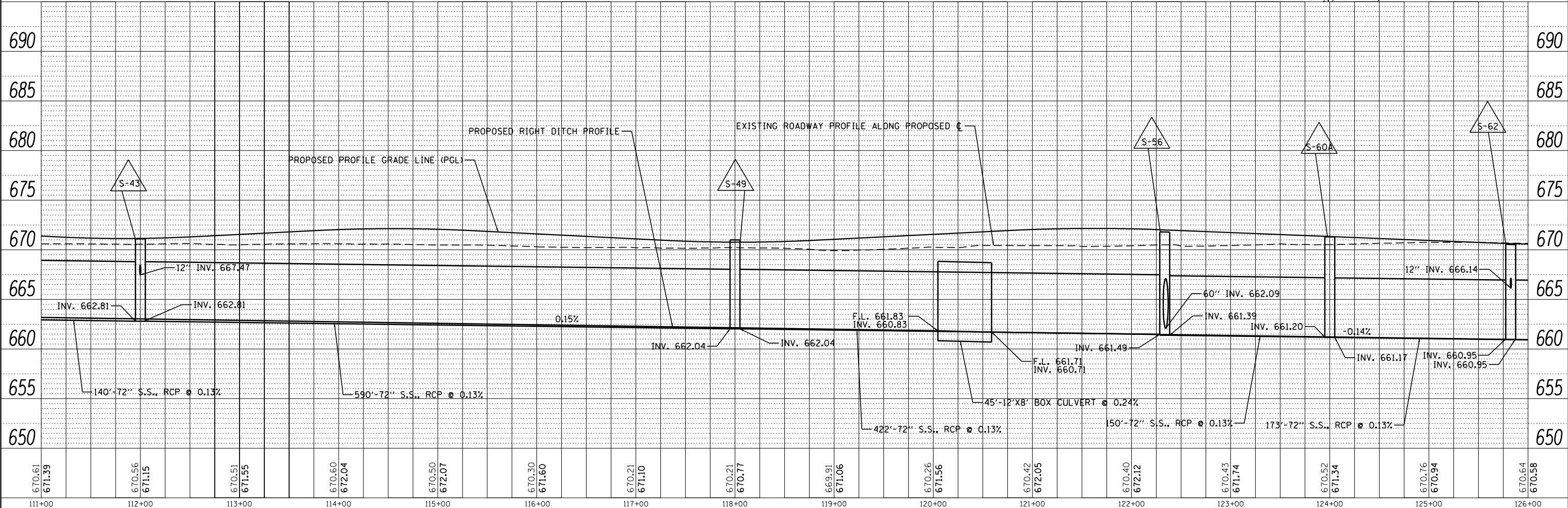
LEGEND

ADJ STRUCTURE TO BE ADJUSTED	ASP STRUCTURE TO BE ADJUSTED, SPECIAL WITH NEW FRAME AND LID OR GRATE
R STRUCTURE TO BE REMOVED	ASP STRUCTURE TO BE ADJUSTED, SPECIAL WITH NEW FRAME AND LID OR GRATE
REC STRUCTURE TO BE RECONSTRUCTED	RSP STRUCTURE TO BE RECONSTRUCTED, SPECIAL WITH NEW FRAME AND LID OR GRATE
REC STRUCTURE TO BE RECONSTRUCTED WITH NEW FRAME AND LID OR GRATE	RSP STRUCTURE TO BE RECONSTRUCTED, SPECIAL WITH NEW FRAME AND LID OR GRATE
ADJ STRUCTURE TO BE ADJUSTED WITH NEW FRAME AND LID OR GRATE	--- PIPE REMOVAL
C SEWER TO BE CLEANED	--- PIPE UNDERDRAIN



DATE	
BY	
PLAN	
NO.	
NO.	
NO.	
NO.	
NO.	
NO.	
NO.	
NO.	

DATE	
BY	
PROFILE	
NO.	
NO.	
NO.	
NO.	
NO.	
NO.	
NO.	
NO.	



670.61	671.39	670.56	671.15	670.51	671.55	670.60	672.04	670.50	672.07	670.30	671.60	670.21	671.10	670.21	670.77	669.91	671.06	670.26	671.56	670.42	672.05	670.40	672.12	670.43	671.74	670.52	671.34	670.76	670.94	670.64	670.58		
111+00	112+00	113+00	114+00	115+00	116+00	117+00	118+00	119+00	120+00	121+00	122+00	123+00	124+00	125+00	126+00																		

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USER NAME : *USER*	DESIGNED - BLG	REVISD -
	DRAWN - SMP	REVISD -
PLOT SCALE : *SCALE*	CHECKED - BDH	REVISD -
PLOT DATE : *DATE*	DATE - 12/09/2022	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

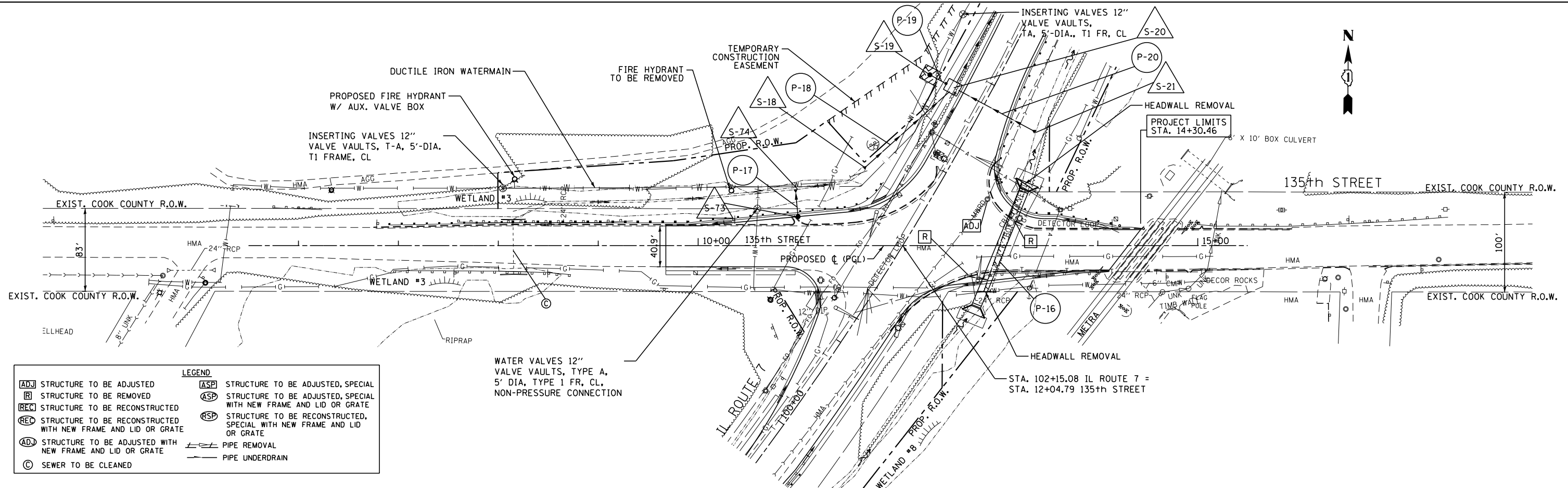
DRAINAGE AND UTILITIES PLAN

SCALE: 1"=50' SHEET OF SHEETS STA. 111+00 TO STA. 126+00

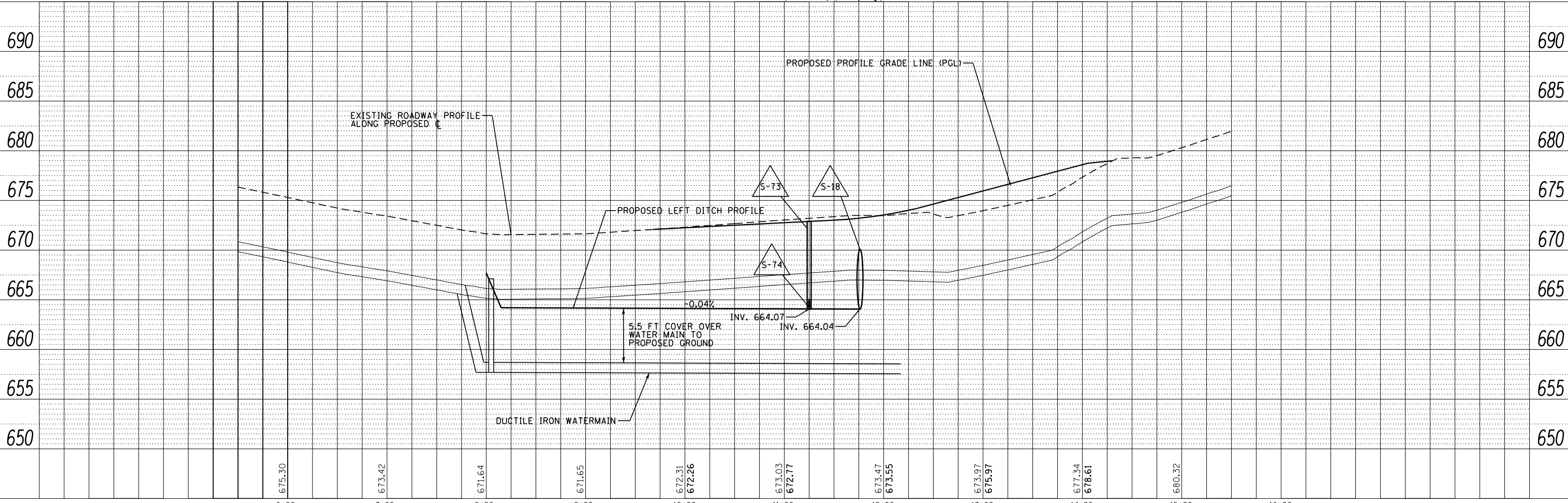
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	74
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	AT		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	AT		
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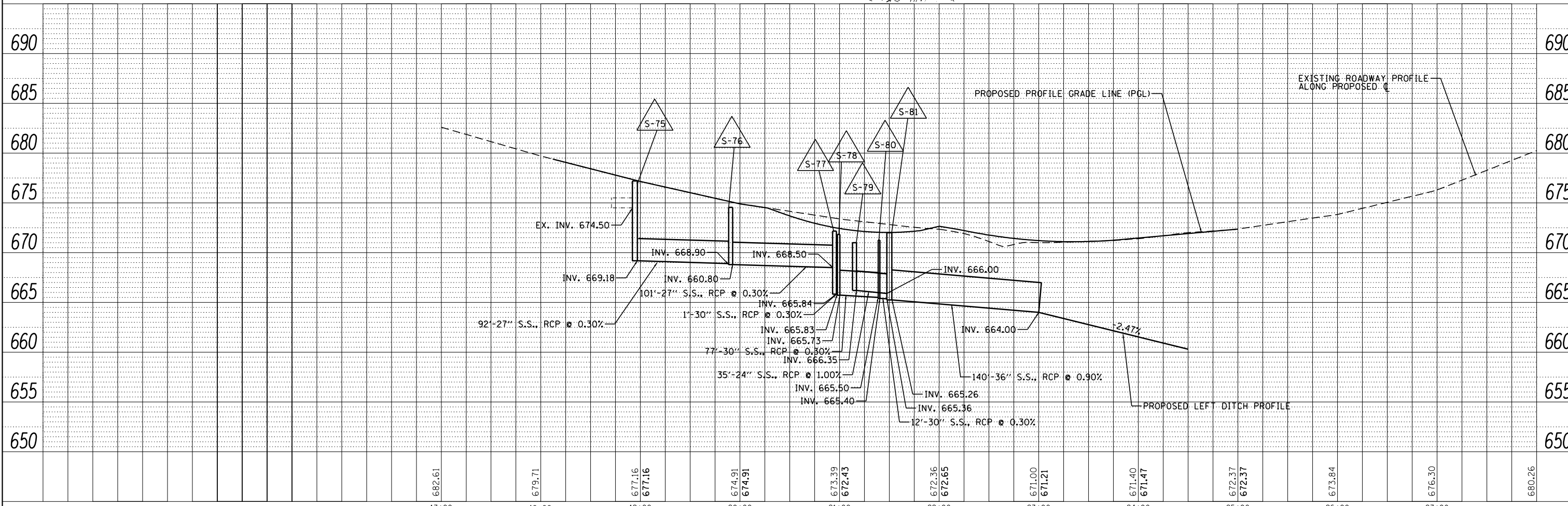
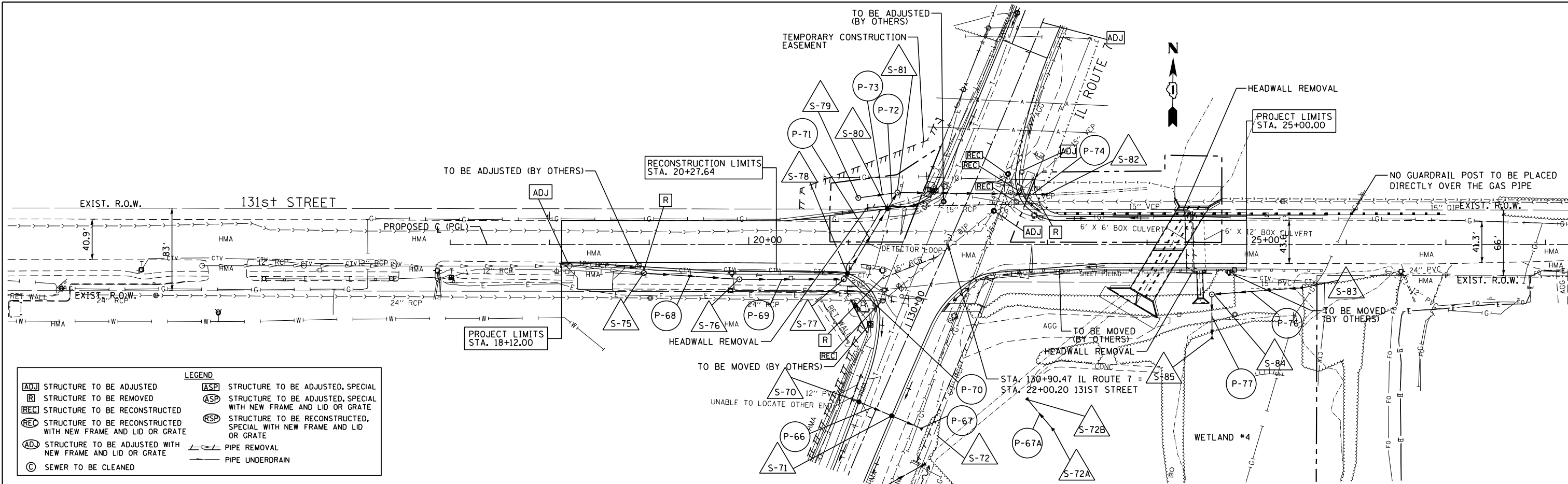


LEGEND	
ADJ	STRUCTURE TO BE ADJUSTED
R	STRUCTURE TO BE REMOVED
REC	STRUCTURE TO BE RECONSTRUCTED
REC	STRUCTURE TO BE RECONSTRUCTED WITH NEW FRAME AND LID OR GRATE
ADJ	STRUCTURE TO BE ADJUSTED WITH NEW FRAME AND LID OR GRATE
C	SEWER TO BE CLEANED
ASP	STRUCTURE TO BE ADJUSTED, SPECIAL
ASP	STRUCTURE TO BE ADJUSTED, SPECIAL WITH NEW FRAME AND LID OR GRATE
RSP	STRUCTURE TO BE RECONSTRUCTED, SPECIAL WITH NEW FRAME AND LID OR GRATE
---	PIPE REMOVAL
---	PIPE UNDERDRAIN

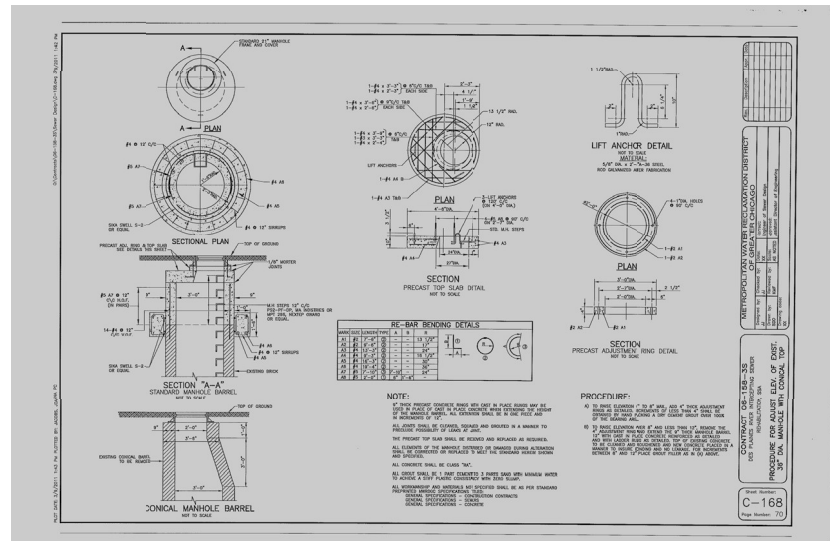


PLAN	SURVEYED	DATE
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	FILE NAME	

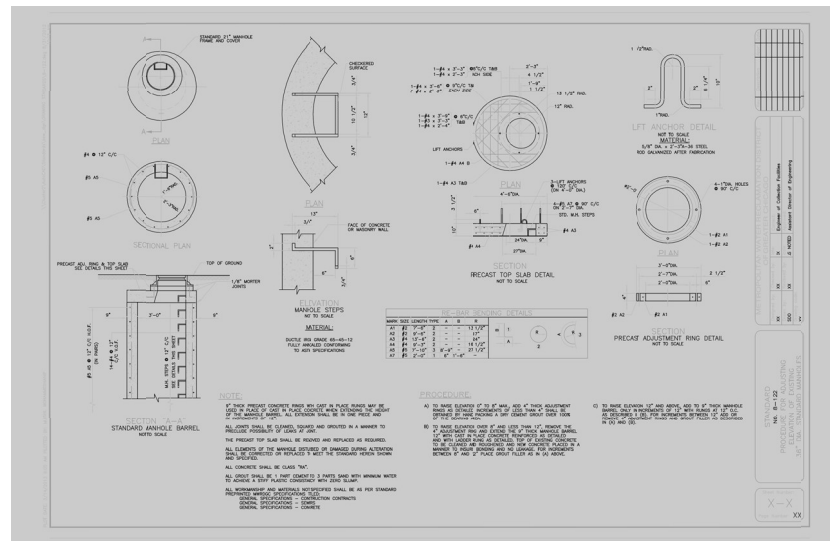
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	FILE NAME	



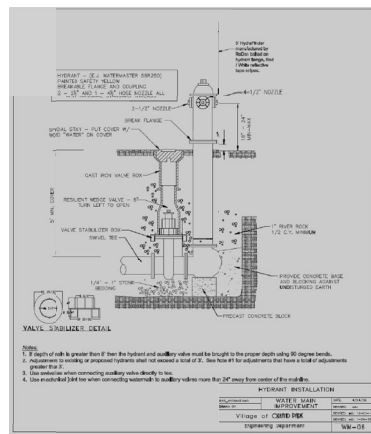
JAMES J. BENES & ASSOCIATES CONSULTING ENGINEERS 1011 WARRENVILLE ROAD, SUITE 420 LISLE, IL 60532 (630) 719-7570	USER NAME = *USER*	DESIGNED - BLG	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITIES PLAN		F.A.U. R.T.E. 3578	SECTION 2019-001-R	COUNTY COOK	TOTAL SHEETS 255	SHEET NO. 77
	PLOT SCALE = *SCALE*	CHECKED - BDH	REVISIED -		SCALE: 1"=50'	SHEET OF SHEETS	STA. 17+00 TO STA. 27+82	CONTRACT NO. 62H82			
	PLOT DATE = *DATE*	DATE - 12/09/2022	REVISIED -		ILLINOIS FED. AID PROJECT						



MWRD - SANITARY MANHOLE TO BE ADJUSTED



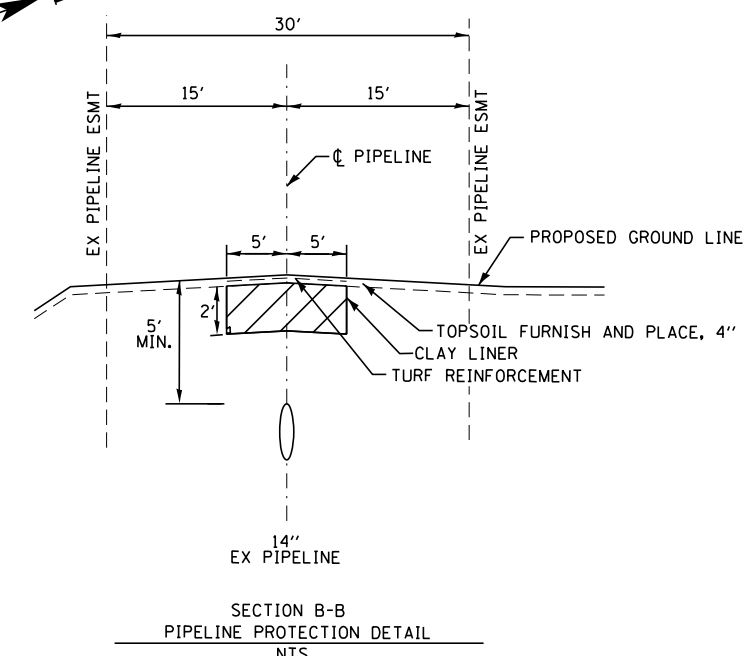
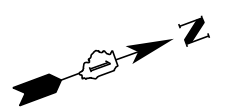
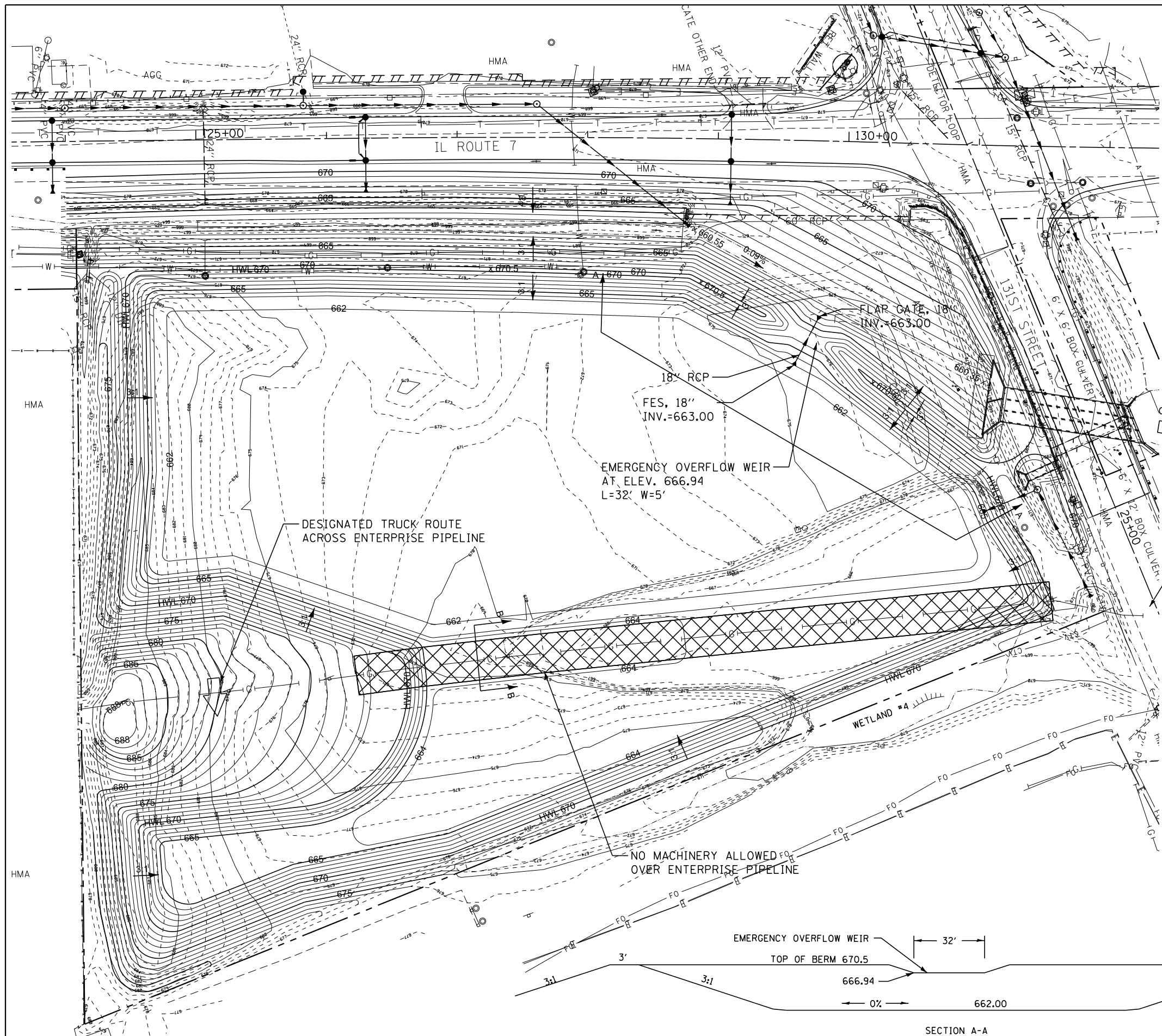
MWRD - SANITARY MANHOLE TO BE RECONSTRUCTED



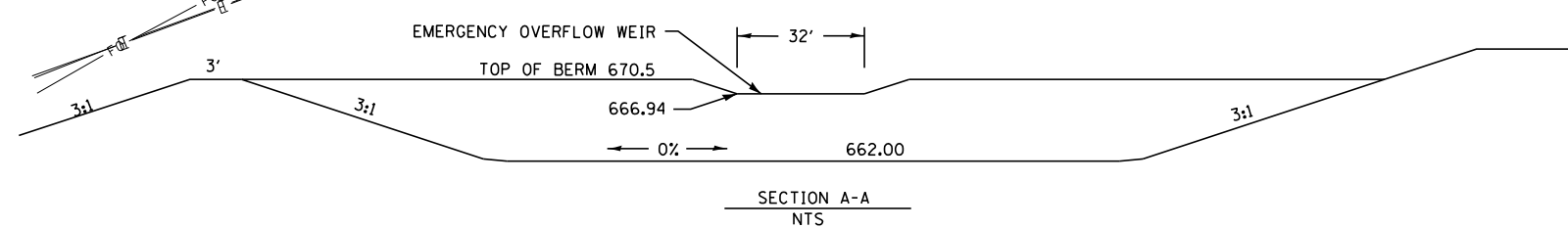
VILLAGE OF ORLAND PARK - FIRE HYDRANT

STRUCT. NO.	STATION	OFFSET	STRUCTURE TYPE	RIM	INVERT			
					NORTH	SOUTH	EAST	WEST
S-1	71+45.5	34.7' RT	FES 15"					
S-2	71+55.5	34.8' RT	MH TA 8' DIA TIF CL	677.84	669.69	674.84	672.55 (EX)	
S-3	72+47.4	35.8' LT	FES 48"				670.44	
S-4	72+46.2	35.0' RT	MH TA 8' DIA TIF CL	678.26	669.61	669.61		669.85
S-5	73+32.9	35.1' RT	MH TA 6' DIA TIF CL	677.45	669.53	669.53		
S-6	75+00.4	40.2' RT	MH TA 6' DIA TIF CL	677.43	669.37	669.37		
S-7	76+89.0	41.5' RT	FES 48"			669.19		
S-8	77+99.9	40.2' RT	FES 48"		669.09			
S-9	79+83.3	39.2' RT	FES 48"			668.92		
S-10	80+79.1	40.5' RT	FES 48"		668.84			
S-11	81+20.0	40.7' RT	FES 48"			668.80		
S-12	84+61.1	43.5' RT	FES 60"		668.49			
S-13			NOT USED					
S-14	87+50.0	39.3' RT	MH TA 10' DIA TIF CL	675.57	668.11	668.21		668.22 (EX)
S-15	88+59.0	38.1' RT	MH TA 10' DIA TIF CL	675.69	668.01	668.01	668.32	
S-16	88+81.5	37.8' RT	FES 72"			668.00		
S-17	89+00.0	34.5' LT	FLAT GRATE ON BOX CULVERT	675.10			668.10	
S-18	102+61.8	73.2' LT	FES 72"		664.04			
S-19	103+78.5	62.0' LT	CB TA 4' DIA T8 GRATE	669.91			666.91	
S-20	103+78.5	34.7' LT	PCC JUNCTION CHAMBER	672.51	663.80	663.90	664.00	666.73
S-21	103+78.5	58.2' RT	FES 72"					664.10
S-22	105+69.2	19.7' LT	INLET TA T24 F&G	671.80	668.80			
S-23	105+79.2	18.7' LT	CB TA 4' DIA T24 F&G	671.77	668.74	668.74	668.44	
S-24	105+79.2	19.4' RT	CB TA 4' DIA T24 F&G	672.84			667.96	668.06
S-25	105+79.2	39.0' RT	FES 12"				667.80	
S-26	105+89.0	17.7' LT	INLET TA T24 F&G	671.80		668.80		
S-27	106+00.0	42.0' LT	CB TA 4' DIA T8 GRATE	669.63			666.63	
S-28	106+00.0	25.9' LT	MH TA 10' DIA TIF CL	672.00	663.53	663.53		666.54
S-29	107+05.3	25.3' LT	MH TA 10' DIA TIF CL	672.53	663.41	663.41		
S-30	108+90.0	16.0' LT	CB TA 4' DIA T24 F&G	672.33			667.98	
S-31	108+90.0	16.0' RT	CB TA 4' DIA T24 F&G	672.33			667.55	667.65
S-32	108+90.0	36.4' RT	FES 12"				667.40	
S-33	109+00.0	40.0' LT	CB TA 4' DIA T8 GRATE	671.00			668.00	
S-34	109+00.0	25.5' LT	MH TA 10' DIA TIF CL	672.50	663.17	663.17		667.92
S-35	110+50.0	39.0' LT	CB TA 4' DIA T8 GRATE	670.00			667.00	
S-36	110+50.0	25.5' LT	MH TA 10' DIA TIF CL	671.60	662.99	662.99		666.93
S-37	111+83.2	16.0' LT	CB TA 4' DIA T24 F&G	670.80	667.76		667.65	
S-38	111+83.2	16.0' RT	CB TA 4' DIA T24 F&G	670.80	667.76		667.23	667.33
S-39	111+83.2	32.5' RT	FES 12"				667.10	
S-40	111+93.2	16.0' LT	INLET TA T24 F&G	670.82		667.82		
S-41	111+93.2	16.0' RT	INLET TA T24 F&G	670.82		667.82		
S-42	112+00.0	35.0' LT	CB TA 4' DIA T8 GRATE	670.50			667.50	
S-43	112+00.0	25.5' LT	MH TA 10' DIA TIF CL	671.10	662.81	662.81		667.47
S-44	116+30.0	16.0' LT	CB TA 4' DIA T24 F&G	671.13			667.65	
S-45	116+30.0	16.0' RT	CB TA 4' DIA T24 F&G	671.13			667.23	667.33
S-46	116+30.0	33.0' RT	FES 12"				667.10	
S-47	117+94.1	16.0' LT	INLET TA T24 F&G	670.47	667.50			
S-48	117+94.1	16.0' RT	INLET TA T24 F&G	670.47	667.50			
S-49	118+00.0	25.5' LT	MH TA 10' DIA TIF CL	671.00	662.04	662.04		
S-50	118+04.1	16.0' LT	CB TA 4' DIA T24 F&G	670.45		667.44	667.44	
S-51	118+04.1	16.0' RT	CB TA 4' DIA T24 F&G	670.45		667.44	667.12	667.12
S-52	118+04.1	31.7' RT	FES 12"				667.00	
S-53	119+85.0	16.0' LT	CB TA 4' DIA T24 F&G	671.17			667.17	
S-54	119+85.0	16.0' RT	CB TA 4' DIA T24 F&G	671.17			666.75	666.85
S-55	119+85.0	35.1' RT	FES 12"				666.60	
S-56	122+33.4	25.5' LT	PCC JUNCTION CHAMBER	671.91	661.39	661.49	662.09	664.00 (3 pipes)
S-57	122+99.1	47.1' RT	FES 60"			662.00		
S-58	123+90.0	16.0' LT	CB TA 4' DIA T24 F&G	671.06			667.02	
S-59	123+90.0	16.0' RT	CB TA 4' DIA T24 F&G	671.06			666.60	666.70
S-60	123+90.0	39.9' RT	FES 12"				666.40	
S-60A	124+00	25.5' LT	MH TA 10' DIA TIF CL	671.31	661.17	661.20		668.00 (3 pipes)
S-61	125+82.5	36.0' LT	CB TA 4' DIA T8 GRATE	669.18			666.18	
S-62	125+82.5	25.5' LT	MH TA 10' DIA TIF CL	670.55	660.95	660.95		666.14
S-63	126+19.9	16.0' LT	INLET TA T24 F&G	670.24	667.24			
S-64	126+19.9	17.0' RT	INLET TA T24 F&G	670.23	667.24			
S-65	126+30.0	16.0' LT	CB TA 4' DIA T24 F&G	670.23		667.18	666.54	
S-66	126+30.0	17.0' RT	CB TA 4' DIA T24 F&G	670.22		667.18	666.11	666.21
S-67	126+30.0	41.8' RT	FES 12"				665.90	
S-68	127+61.0	25.5' LT	MH TA 10' DIA TIF CL	671.00	660.73	660.73		
S-69	128+79.1	67.3' RT	FES 72"			660.55		
S-70	129+10.0	18.7' LT	CB TA 4' DIA T24 F&G	671.37			665.55	
S-71	129+10.0	17.0' RT	CB TA 4' DIA T24 F&G	671.41			665.10	665.20
S-72	129+10.0	50.7' RT	FES 12"				664.80	
S-72A	129+61.7	172.1' RT	FES 18"					
S-72B	129+80.6	134.5' RT	FES 18" w/ FLAP GATE		662.85			
135TH STREET								
S-73	11+00.0	29.1' LT	CB TA 4' DIA T24 F&G	672.18	664.24			
S-74	10+97.5	56.3' LT	FES 12"			664.07		
131ST STREET								
S-75	18+94.5	28.5' RT	MH TA 5' DIA TIF CL	677.20			669.18	674.5 (EX.)
S-76	19+90.6	34.8' RT	MH TA 4' DIA TIF CL	674.55			668.80	668.90
S-77	20+95.5	34.7' RT	MH TA 5' DIA TIF CL	672.51	665.84			668.50
S-78	20+99.0	29.0' RT	CB TA 4' DIA T24 F&G	672.08	665.73	665.83		
S-79	21+10.0	47.0' LT	MH TA 4' DIA T8 GRATE	671.00			666.35	
S-80	21+39.2	36.1' LT	CB TA 4' DIA T24 F&G	671.28	665.40	665.50		666.00
S-81	21+49.3	52.4' RT	MH TA 6' DIA TIF CL	670.00		665.36	665.26	666.00
S-82	23+00.0	50.5' RT	FES 36"					664.00
S-83	25+56.6	43.3' RT	FES 15"					665.71
S-84	24+65.0	50.0' RT	MH TA 4' DIA T8 GRATE	668.50		665.19	665.29	
S-85	24+65.1	95.1' RT	FES 15"		665.00			

NO.	LENGTH (FOOT)	MATERIAL	TYPE	DIA. (IN.)	SLOPE %	TBF (CU. YD.)
P-1	1	SS, CL A	1	15	1.00	-
P-2	83	SS, CL A	2	48	0.10	45.0
P-3	59	SS, CL A	2	48	1.00	32.8
P-4	80	SS, CL A	2	48	0.10	-
P-5			NOT USED			
P-6	162	SS, CL A	2	48	0.10	33.1
P-7	178	SS, CL A	2	48	0.10	51.9
P-8	166	SS, CL A	2	48	0.10	110.0
P-9	25	SS, CL A	2	48	0.10	43.6
P-10	276	SS, CL A	1	60	0.10	19.9
P-11			NOT USED			
P-12	99	SS, CL A	1	60	0.10	-
P-13	4	SS, CL A	2	18	1.00	-
P-14	10	SS, CL A	1	72	0.10	-
P-15	-	BOX CULVERT (4x4)	(SEE STRUCTURAL PLANS)			
P-16	-	BOX CULVERT (8x6)	(SEE STRUCTURAL PLANS)			
P-17	17	SS, CL A	2	12	1.00	1.7
P-18	108	SS, CL A	1	72	0.13	46.1
P-19	80	SS, CL A	1	72	0.10	43.9
P-20	18	SS, CL A	2	12	1.00	5.6
P-21	209	SS, CL A	1	72	0.13	229.4
P-22	6	SS, CL A	1	12	1.00	0.8
P-23	6	SS, CL A	1	12	1.00	0.8
P-24	38	SS, CL A	2	12	1.00	5.8
P-25	10	SS, CL A	2	12	1.00	0.5
P-26	9	SS, CL A	2	12	1.00	2.7
P-27	95	SS, CL A	2	72	0.13	111.4
P-28	185	SS, CL A	2	72	0.13	252.0
P-29	32	SS, CL A	2	12	1.00	6.5
P-30	10	SS, CL A	2	12	1.00	0.5
P-31	8	SS, CL A	2	12	1.00	2.0
P-32	140	SS, CL A	2	72	0.13	174.8
P-33	-	BOX CULVERT (8x7)	(SEE STRUCTURAL PLANS)			
P-34	7	SS, CL A	2	12	1.00	1.8
P-35	140	SS, CL A	1	72	0.13	148.4
P-36	32	SS, CL A	1	12	1.00	4.2
P-37	7	SS, CL A	1	12	1.00	0.3
P-38	6	SS, CL A	1	12	1.00	0.8
P-39	6	SS, CL A	1	12	1.00	0.8
P-40	3	SS, CL A	1	12	1.00	0.6
P-41	590	SS, CL A	1	72	0.13	669.7
P-42	32	SS, CL A	1	12	1.00	4.2
P-43	7	SS, CL A	1	12	1.00	0.3
P-44	6	SS, CL A	1	12	1.00	0.8
P-45	6	SS, CL A	1	12	1.00	0.8
P-46	32	SS, CL A	1	12	1.00	4.2
P-47	6	SS, CL A	1	12	1.00	0.3
P-48	422	SS, CL A	2	72	0.13	638.1
P-49	32	SS, CL A	2	12	1.00	5.2
P-50	9	SS, CL A	2	12	1.00	0.4
P-51	-	BOX CULVERT (12x8)	(SEE STRUCTURAL PLANS)			
P-52	150	SS, CL A	2	72	0.13	260.7
P-53	85	SS, CL A	2	60	0.10	81.2
P-54	5	SS, CL A	2	12	1.00	5.2
P-55	5	SS, CL A	2	15	1.00	5.4
P-56	5	SS, CL A	2	12	1.00	5.2
P-57	32	SS, CL A	2	12	1.00	5.5
P-58	14	SS, CL A	2	12	1.00	0.3
P-58A	173	SS, CL A	2	72	0.13	274.7
P-59	4	SS, CL A	2	12	1.00	0.9
P-60	169	SS, CL A	2	72	0.13	274.7
P-61	6	SS, CL A	1	12	1.00	0.8
P-62	6	SS, CL A	1	12	1.00	0.8
P-63	33	SS, CL A	2	12	1.00	4.4
P-64	15	SS, CL A	2	12	1.00	0.3
P-65	137	SS, CL A	2	72	0.13	97.7
P-66	36	SS, CL A	2	12	1.00	13.0
P-67	24	SS, CL A	2	12	1.00	1.0
P-67A	30	SS, CL A	2	18	0.50	-



WATER SURFACE ELEVATION (FT)	DETENTION BASIN STORAGE VOLUME (AC-FT)
663.0	0.000
664.0	3.447
665.0	7.545
666.0	11.942
667.0	16.503
668.0	21.226
669.0	26.110
670.0 (HWL)	31.156



NO GUARDRAIL POST TO BE PLACED DIRECTLY OVER THE GAS PIPE

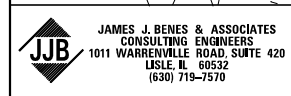
NO MACHINERY ALLOWED OVER ENTERPRISE PIPELINE

DESIGNATED TRUCK ROUTE ACROSS ENTERPRISE PIPELINE

EMERGENCY OVERFLOW WEIR AT ELEV. 666.94 L=32' W=5'

WETLAND #4

SECTION A-A NTS



USER NAME = *USER*	DESIGNED - BLG	REVISED -
PLOT SCALE = *SCALE*	DRAWN - JY	REVISED -
PLOT DATE = *DATE*	CHECKED - BDH	REVISED -
	DATE - 12/09/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETENTION BASIN PLAN

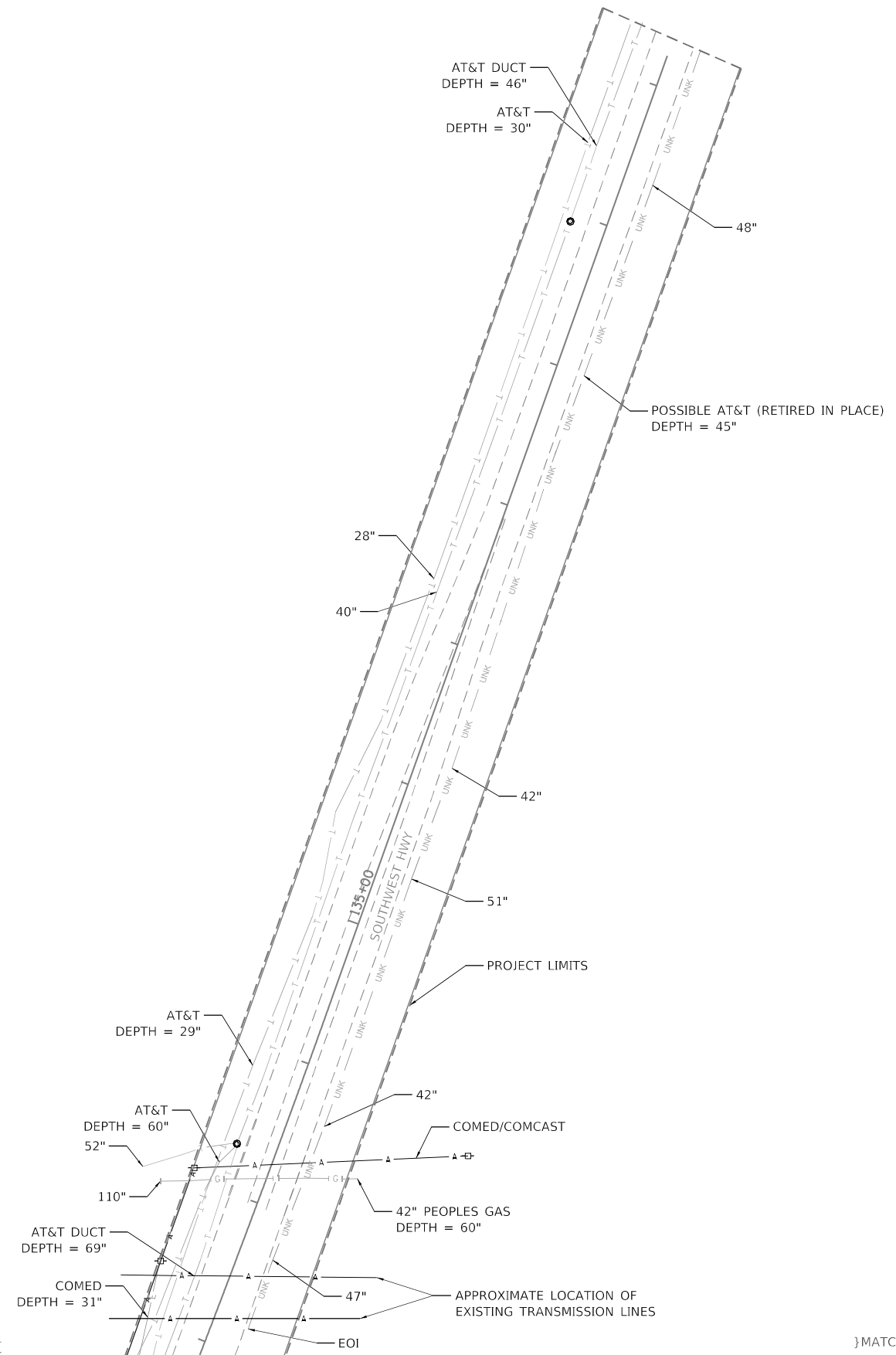
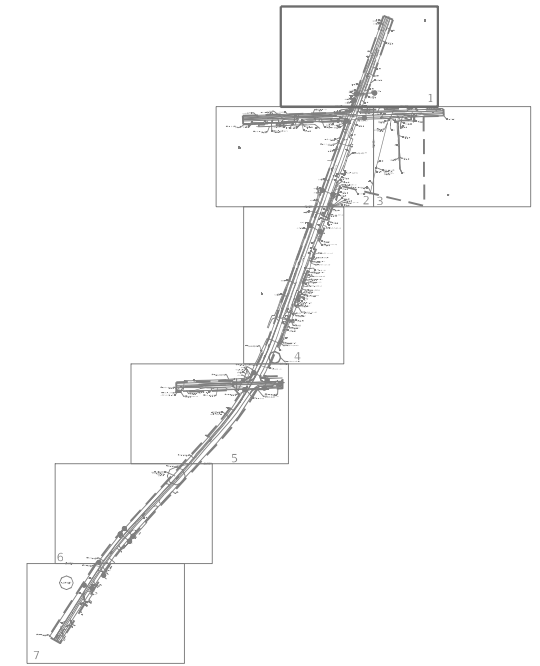
SCALE: 1"=40' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	79
CONTRACT NO. 62H82				

ILLINOIS FED. AID PROJECT



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



1

SAM	
D162H82-SUE.DGN	Designated By: C.K./G.M.
Scale: 1"=50'	Drafted By: J.B.
Sheet: 1	Checked By: S.W./L.P.
Date: 4/8/2020	1018045328Q WORK ORDER No. 149

I, SCOTT A. WECHTER, CERTIFY TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE UTILITY INFORMATION DEPICTED BY SAM, LLC, ON THIS PLAN SHEET WAS OBTAINED AND COMPILED UNDER MY DIRECT SUPERVISION USING ACCEPTED PRACTICES AND PROCEDURES.

Scott A. Wechter DATE: 4/8/2020
SCOTT A. WECHTER
PROJECT MANAGER SAM, LLC

MODEL: 1018045328Q
FILE NAME: 1018045328Q

USER NAME = UNTITLED	DESIGNED - C.K./G.M.	REVISED -
DRAWN - J.B.	CHECKED - S.W./L.P.	REVISED -
PLOT SCALE = 1"=50'	DATE - 4/8/2020	REVISED -

}MATCH SHEET 2{

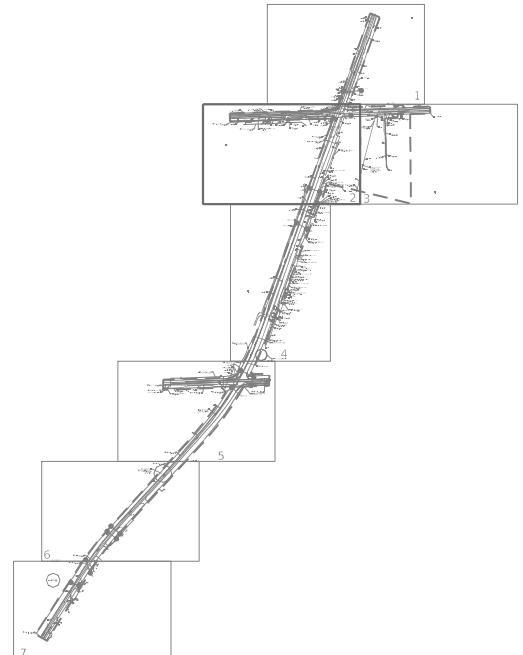
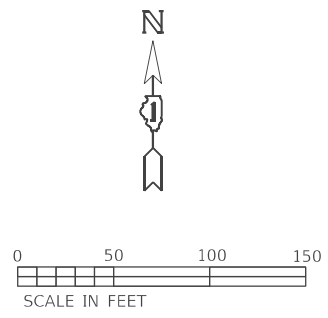
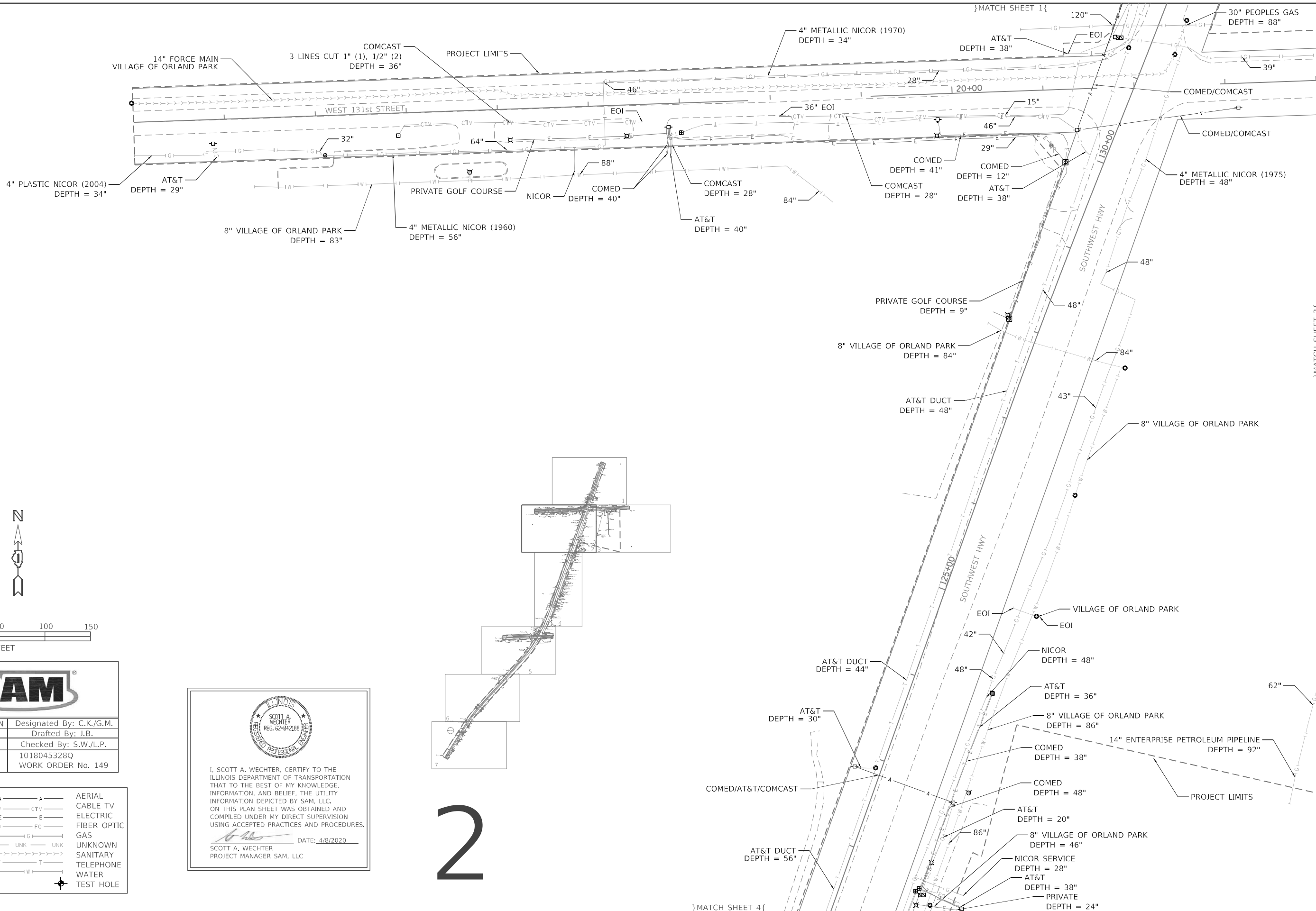
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

}MATCH SHEET 3{

**IL-7 131st STREET
TO 135th STREET**

SCALE: 1"=50' SHEET 1 OF 7 SHEETS STA. 141+34 TO STA. 132+10

F.A.U. RTE. 3578	SECTION 2019-001-R	COUNTY COOK	TOTAL SHEETS 255	SHEET NO. 80
ILLINOIS FED. AID PROJECT				CONTRACT NO. 62H82



2

SAM	
D162H82-SUE.DGN	Designated By: C.K./G.M.
Scale: 1"=50'	Drafted By: J.B.
Sheet: 2	Checked By: S.W./L.P.
Date: 4/8/2020	1018045328Q WORK ORDER No. 149

I, SCOTT A. WECHTER, CERTIFY TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE UTILITY INFORMATION DEPICTED BY SAM, LLC, ON THIS PLAN SHEET WAS OBTAINED AND COMPILED UNDER MY DIRECT SUPERVISION USING ACCEPTED PRACTICES AND PROCEDURES.

DATE: 4/8/2020
 SCOTT A. WECHTER
 PROJECT MANAGER SAM, LLC

—▲—▲—▲—▲—	AERIAL
—CTV—CTV—CTV—	CABLE TV
—E—E—E—E—	ELECTRIC
—FO—FO—FO—FO—	FIBER OPTIC
—G—G—G—G—	GAS
—UNK—UNK—UNK—UNK—	UNKNOWN
—T—T—T—T—	SANITARY
—W—W—W—W—	TELEPHONE
—○—	WATER TEST HOLE

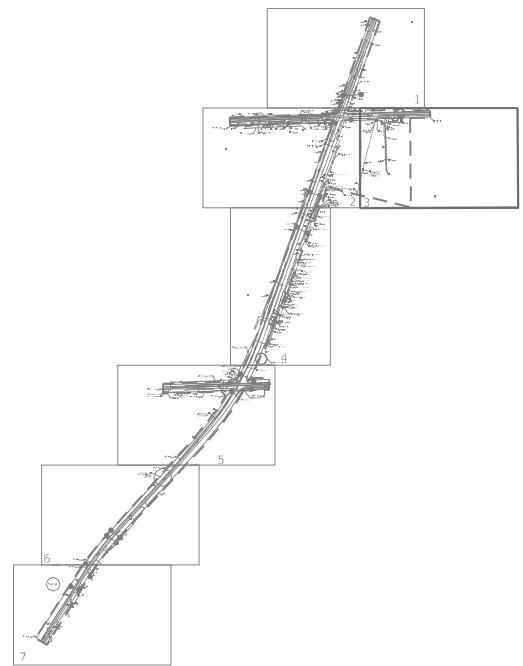
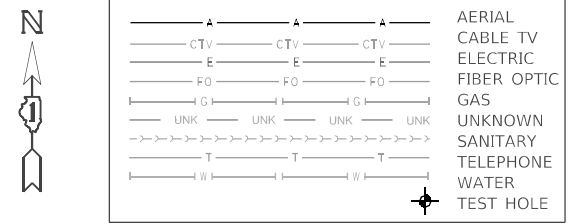
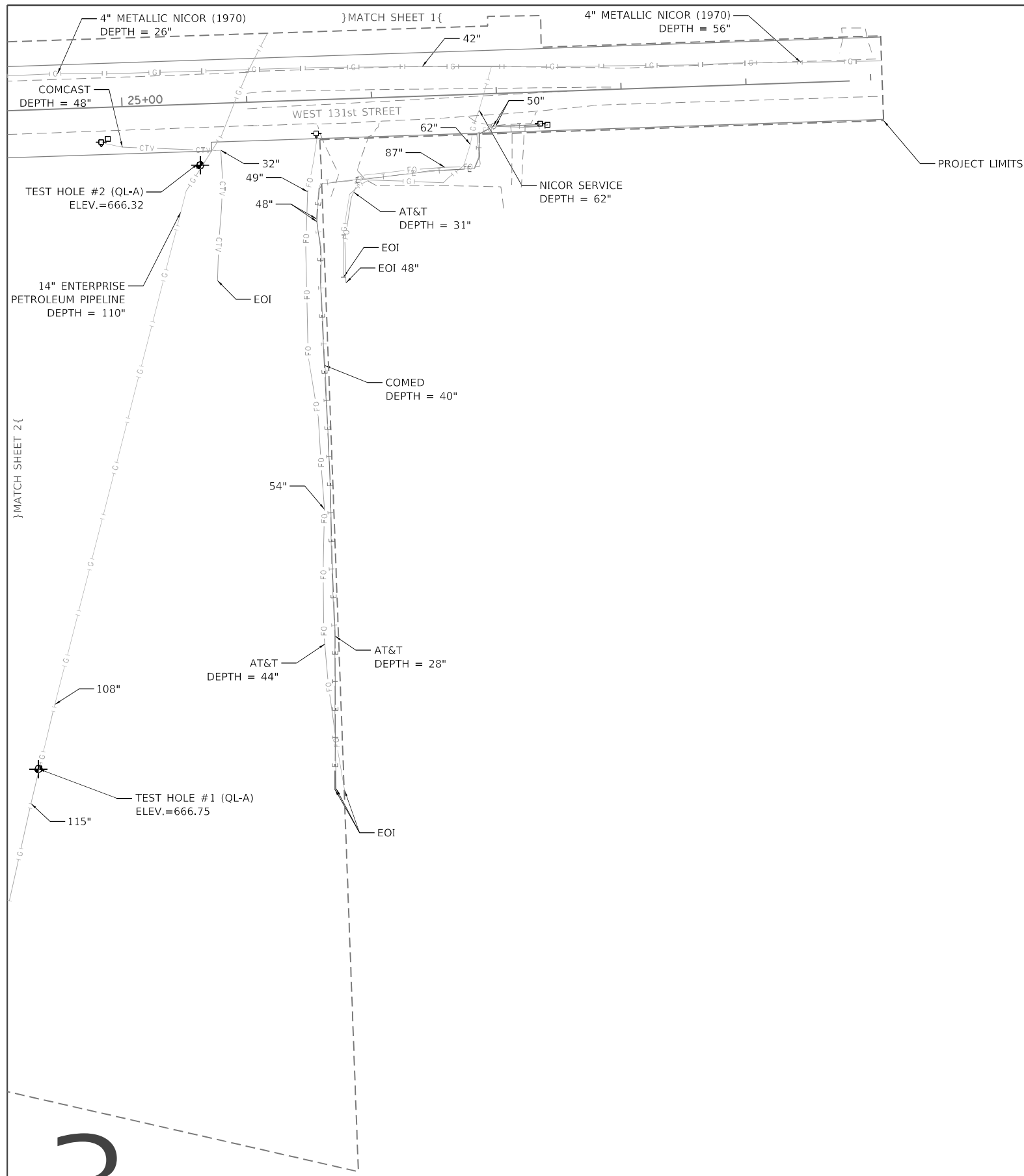
USER NAME = UNTITLED	DESIGNED - C.K./G.M.	REVISED -
PLOT SCALE = 1"=50'	DRAWN - J.B.	REVISED -
PLOT DATE = 4/8/2020	CHECKED - S.W./L.P.	REVISED -
	DATE - 4/8/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL-7 131st STREET TO 135th STREET	
SCALE: 1"=50'	SHEET 2 OF 7 SHEETS STA. 132+10 TO STA. 122+80

F.A.U. RTE. 3578	SECTION 2019-001-R	COUNTY COOK	TOTAL SHEETS 255	SHEET NO. 81
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				

MODEL: 1018045328Q
 FILE NAME: 1018045328Q



SAM	
D162H82-SUE.DGN	Designated By: C.K./G.M.
Scale: 1"=50'	Drafted By: J.B.
Sheet: 3	Checked By: S.W./L.P.
Date: 4/8/2020	1018045328Q WORK ORDER No. 149


 I, SCOTT A. WECHTER, CERTIFY TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE UTILITY INFORMATION DEPICTED BY SAM, LLC, ON THIS PLAN SHEET WAS OBTAINED AND COMPILED UNDER MY DIRECT SUPERVISION USING ACCEPTED PRACTICES AND PROCEDURES.
 _____ DATE: 4/8/2020
 SCOTT A. WECHTER
 PROJECT MANAGER SAM, LLC

3

MODEL: 1018045328Q
 FILE NAME: 1018045328Q

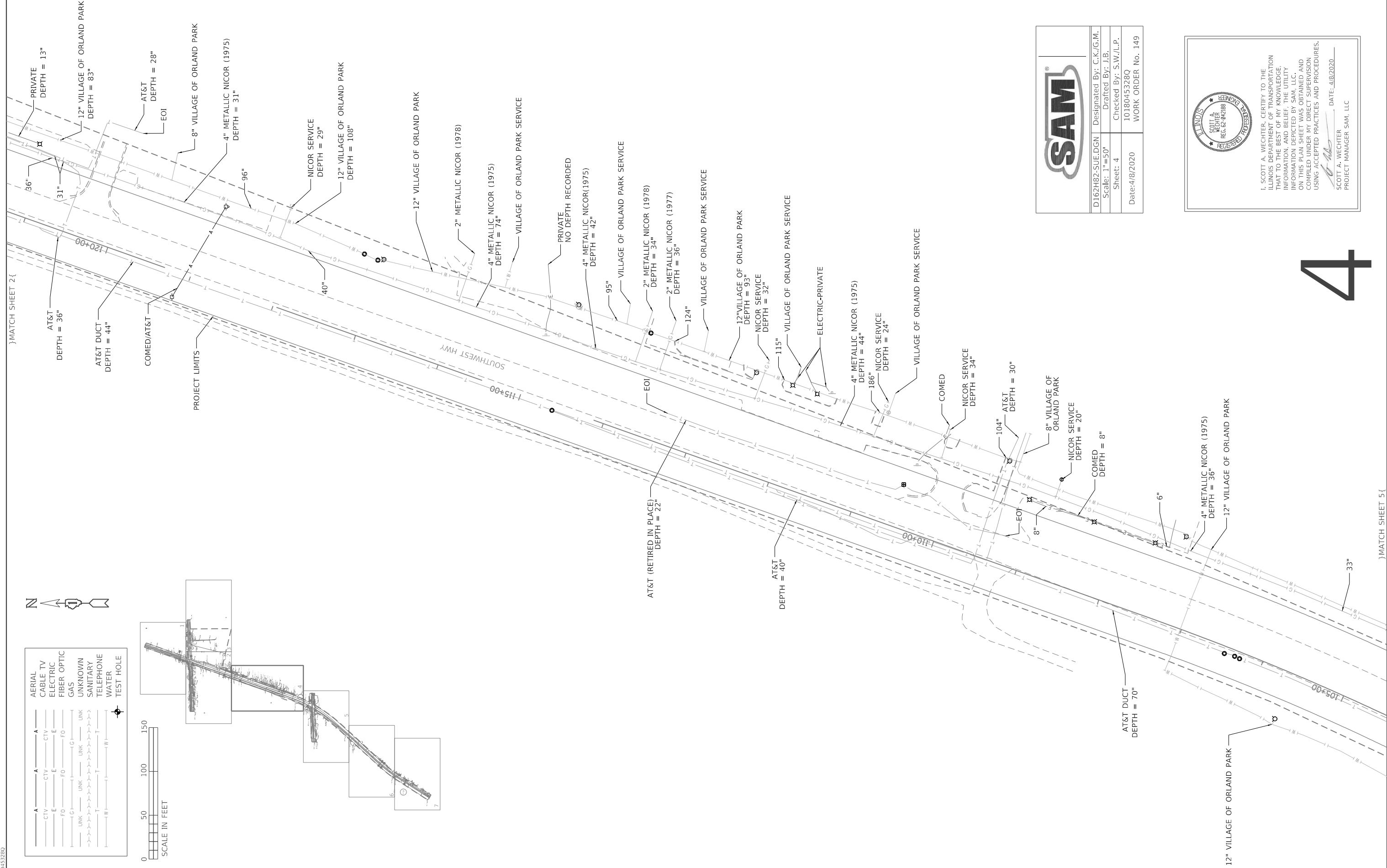
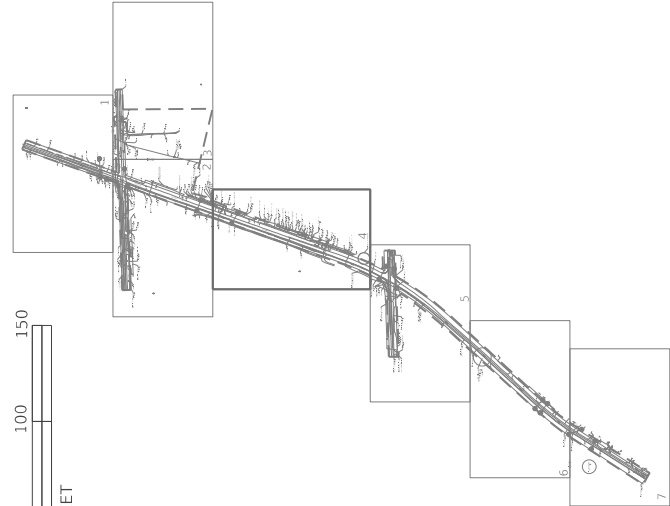
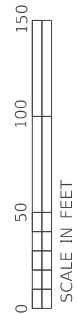
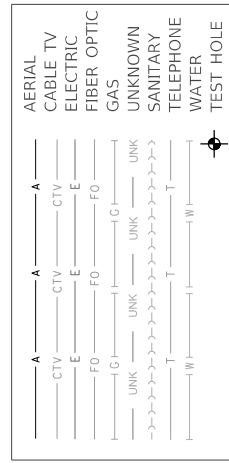
USER NAME = UNTITLED	DESIGNED - C.K./G.M.	REVISED -
PLOT SCALE = 1"=50'	DRAWN - J.B.	REVISED -
PLOT DATE = 4/8/2020	CHECKED - S.W./L.P.	REVISED -
	DATE - 4/8/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL-7 131st STREET TO 135th STREET	
SCALE: 1"=50'	SHEET 3 OF 7 SHEETS
STA. 24+90	TO STA. 31+10

F.A.U. RTE. 3578	SECTION 2019-001-R	COUNTY COOK	TOTAL SHEETS 255	SHEET NO. 82
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				

MODEL: 10180453280
FILE NAME: 10180453280



D162H82-SUE.DGN	Designated By: C.K./G.M.
Scale: 1"=50'	Drafted By: J.B.
Sheet: 4	Checked By: S.W./L.P.
Date: 4/8/2020	10180453280
	WORK ORDER No. 149

I, SCOTT A. WECHTER, CERTIFY TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THE UTILITY INFORMATION DEPICTED BY SAM, LLC ON THIS PLAN SHEET WAS OBTAINED AND COMPILED UNDER MY DIRECT SUPERVISION USING ACCEPTED PRACTICES AND PROCEDURES.

DATE: 4/8/2020
PROJECT MANAGER: SAM, LLC

4

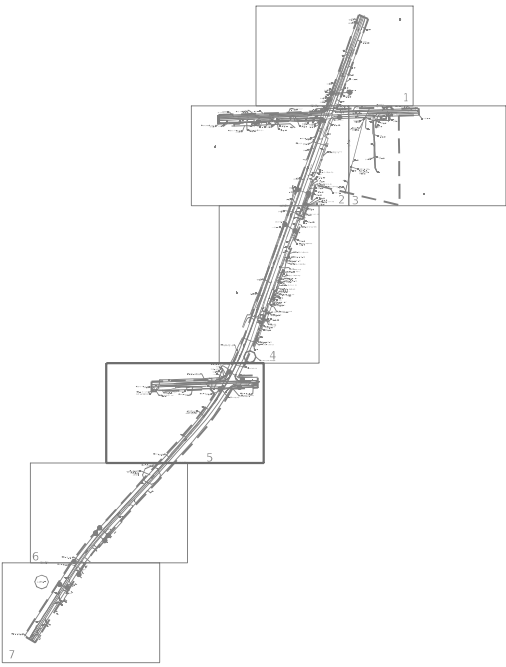
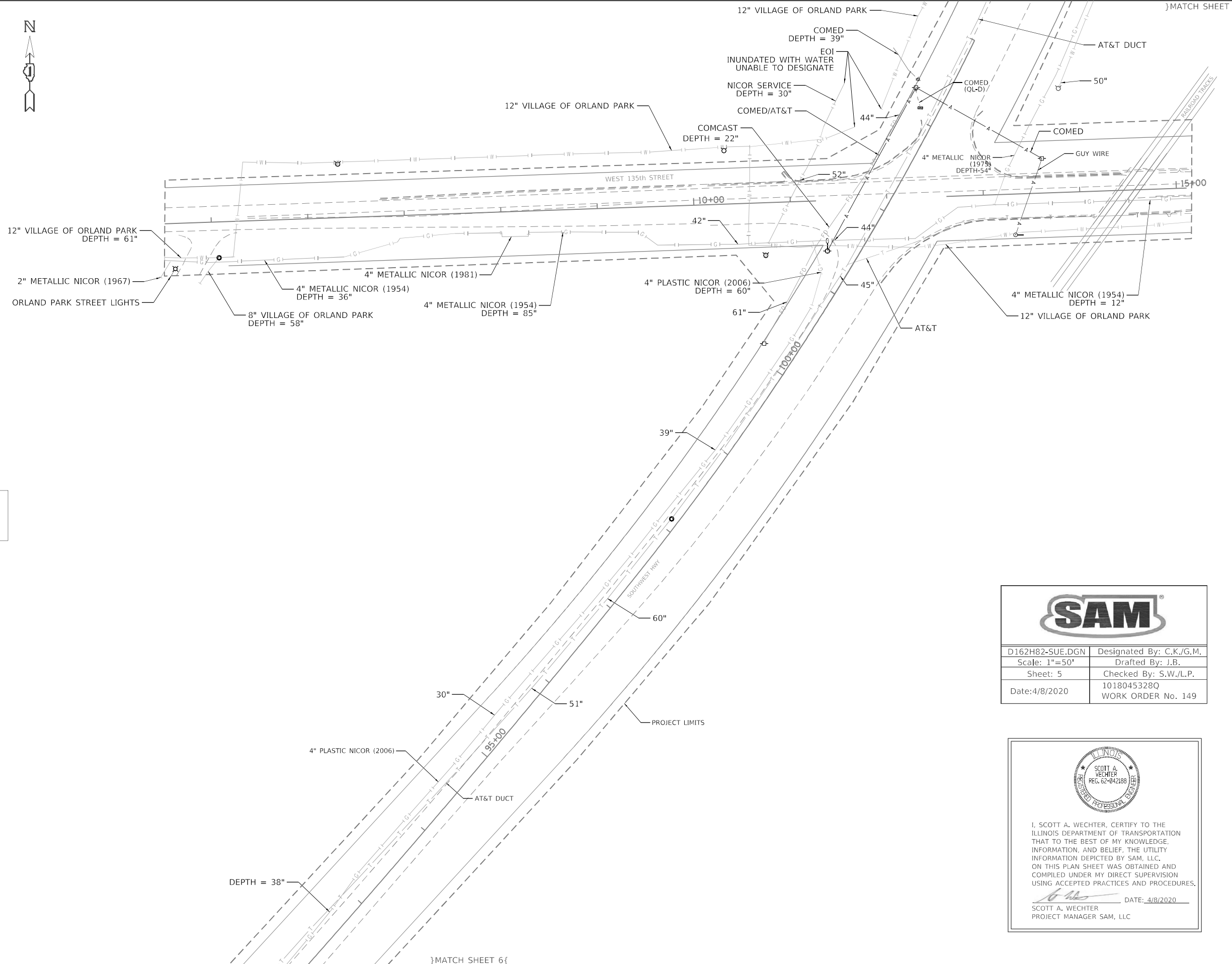
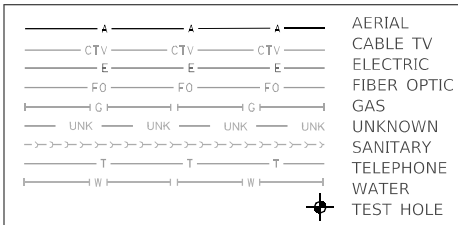
USER NAME = UNTITLED	DESIGNED - C.K./G.M.	REVISED -
PLOT SCALE = 1"=50'	DRAWN - J.B.	REVISED -
PLOT DATE = 4/8/2020	CHECKED - S.W./L.P.	REVISED -
	DATE - 4/8/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL-7 131st STREET
TO 135th STREET**

SCALE: 1"=50' SHEET 4 OF 7 SHEETS STA. 121+20 TO STA. 104+60

F.A.U. RTE. 3578	SECTION 2019-001-R	COUNTY COOK	TOTAL SHEETS 255	SHEET NO. 83
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				



5

SAM

D162H82-SUE.DGN	Designated By: C.K./G.M.
Scale: 1"=50'	Drafted By: J.B.
Sheet: 5	Checked By: S.W./L.P.
Date: 4/8/2020	1018045328Q WORK ORDER No. 149

I, SCOTT A. WECHTER, CERTIFY TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE UTILITY INFORMATION DEPICTED BY SAM, LLC, ON THIS PLAN SHEET WAS OBTAINED AND COMPILED UNDER MY DIRECT SUPERVISION USING ACCEPTED PRACTICES AND PROCEDURES.

DATE: 4/8/2020
 SCOTT A. WECHTER
 PROJECT MANAGER SAM, LLC

MODEL: 1018045328Q
 FILE NAME: 1018045328Q

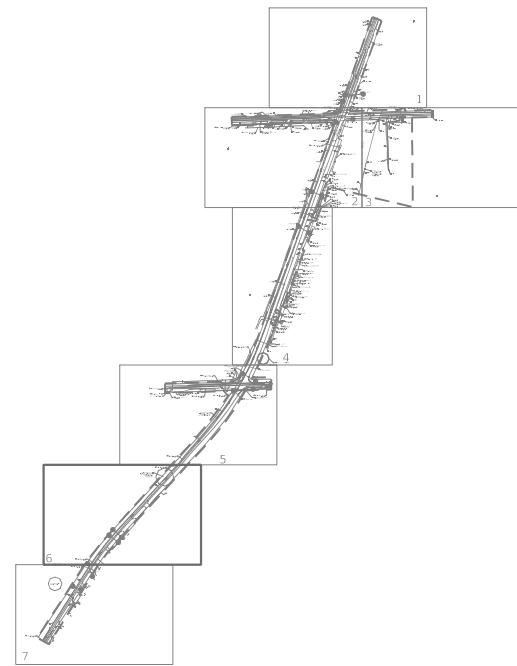
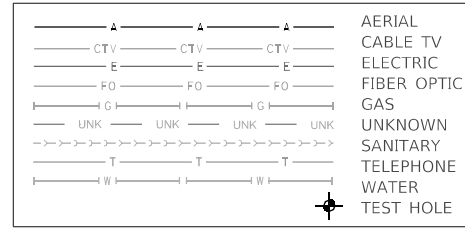
USER NAME = UNTITLED	DESIGNED - C.K./G.M.	REVISED -
PLOT SCALE = 1"=50'	DRAWN - J.B.	REVISED -
PLOT DATE = 4/8/2020	CHECKED - S.W./L.P.	REVISED -
	DATE - 4/8/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

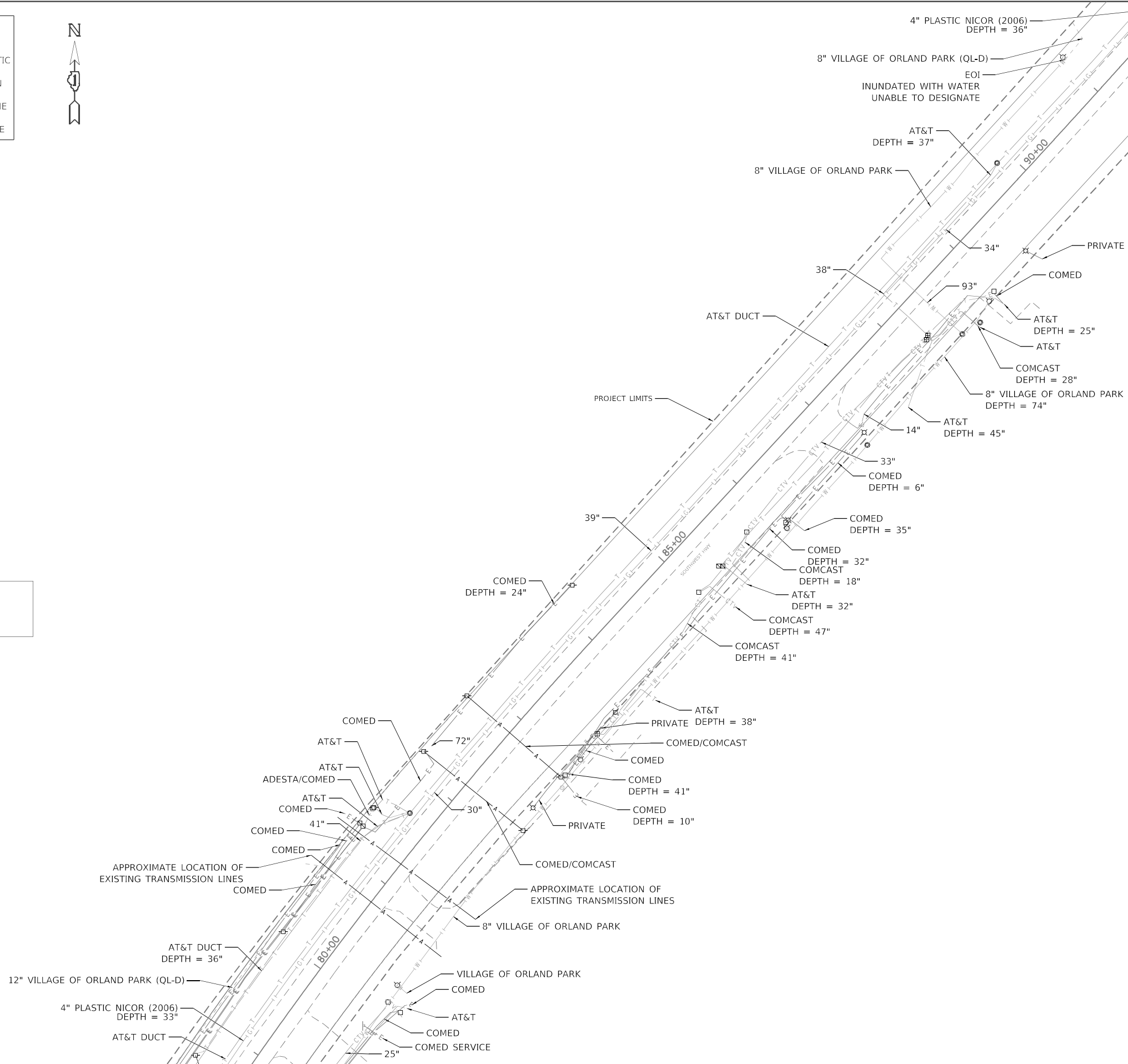
**IL-7 131st STREET
 TO 135th STREET**

SCALE: 1"=50' SHEET 5 OF 7 SHEETS STA. 104+60 TO STA. 93+90

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	84
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				



6



D162H82-SUE.DGN	Designated By: C.K./G.M.
Scale: 1"=50'	Drafted By: J.B.
Sheet: 6	Checked By: S.W./L.P.
Date: 4/8/2020	10180453280 WORK ORDER No. 149



I, SCOTT A. WECHTER, CERTIFY TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE UTILITY INFORMATION DEPICTED BY SAM, LLC, ON THIS PLAN SHEET WAS OBTAINED AND COMPILED UNDER MY DIRECT SUPERVISION USING ACCEPTED PRACTICES AND PROCEDURES.

DATE: 4/8/2020
SCOTT A. WECHTER
PROJECT MANAGER SAM, LLC

}MATCH SHEET 7{

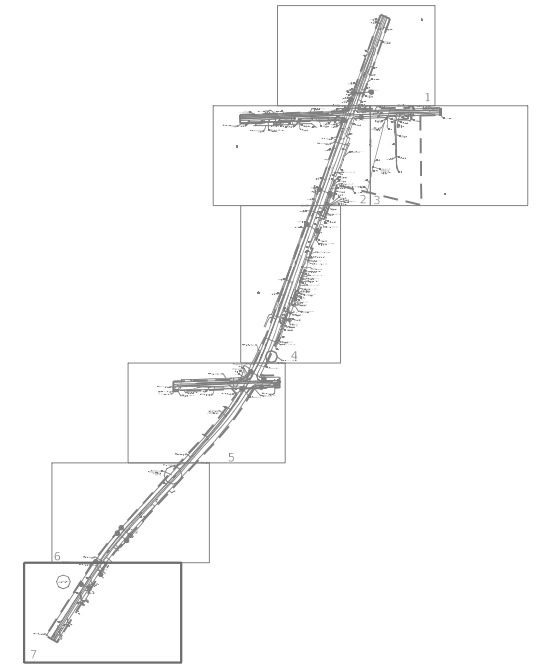
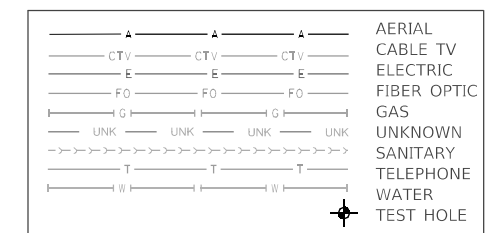
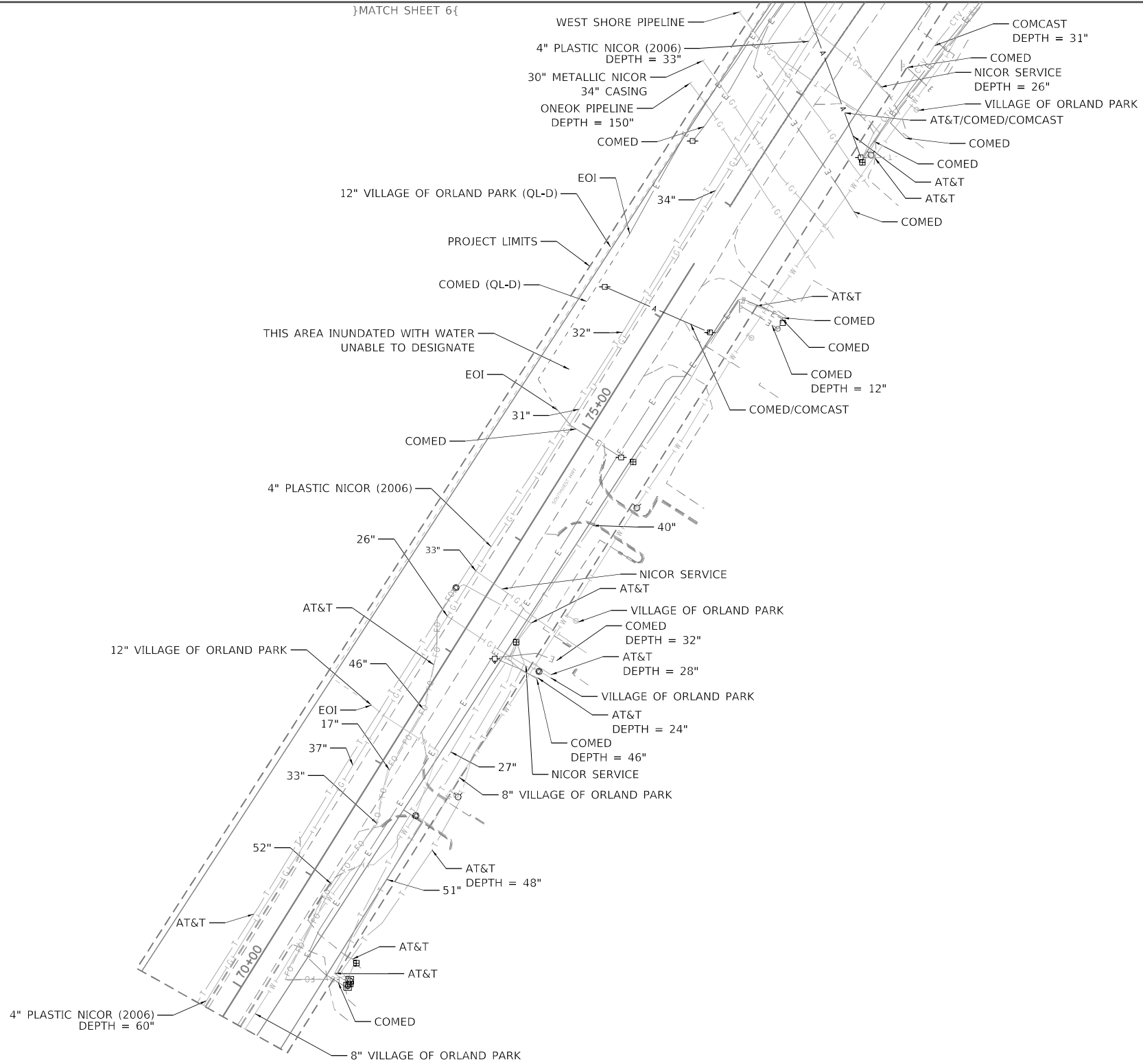
USER NAME = UNTITLED	DESIGNED - C.K./G.M.	REVISED -
PLOT SCALE = 1"=50'	DRAWN - J.B.	REVISED -
PLOT DATE = 4/8/2020	CHECKED - S.W./L.P.	REVISED -
	DATE - 4/8/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

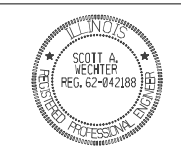
IL-7 131st STREET
TO 135th STREET

SCALE: 1"=50' SHEET 6 OF 7 SHEETS STA. 93+90 TO STA. 79+20

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	85
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				



D162H82-SUE.DGN	Designated By: C.K./G.M.
Scale: 1"=50'	Drafted By: J.B.
Sheet: 7	Checked By: S.W./L.P.
Date: 4/8/2020	1018045328Q WORK ORDER No. 149



I, SCOTT A. WECHTER, CERTIFY TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE UTILITY INFORMATION DEPICTED BY SAM, LLC, ON THIS PLAN SHEET WAS OBTAINED AND COMPILED UNDER MY DIRECT SUPERVISION USING ACCEPTED PRACTICES AND PROCEDURES.

Scott A. Wechter DATE: 4/8/2020
 SCOTT A. WECHTER
 PROJECT MANAGER SAM, LLC

7

MODEL: 1018045328Q
 FILE NAME: 1018045328Q

USER NAME = UNTITLED	DESIGNED - C.K./G.M.	REVISED -
PLOT SCALE = 1"=50'	CHECKED - S.W./L.P.	REVISED -
PLOT DATE = 4/8/2020	DATE - 4/8/2020	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL-7 131st STREET
 TO 135th STREET

SCALE: 1"=50' SHEET 7 OF 7 SHEETS STA. 79+20 TO STA. 69+25

F.A.U. RTE. 3578	SECTION 2019-001-R	COUNTY COOK	TOTAL SHEETS 255	SHEET NO. 86
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				

PART OF SECTION 3 OF TWP. 36 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.
 PART OF SECTION 34 OF TWP. 37 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

LEGEND

SECTION CORNER: 9 10 16 15
 QUARTER SECTION CORNER: 16 15

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: 129.32'
 COMPUTED DIMENSION: 129.32' (COMP)
 RECORDED DIMENSION: (129.32')
 EXISTING BUILDING: [Hatched box symbol]

ABBREVIATIONS:
 P.O.C. - POINT OF COMMENCEMENT
 P.O.B. - POINT OF BEGINNING

SURVEY 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 1983 (2011 ADJUSTMENT) "GRID".
 - ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINED FACTOR OF 0.99999542.
 - AREAS SHOWN ON THIS PLAT ARE "GROUND".

ABBREVIATIONS:
 ○ 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 MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

⊙ 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)
)SS
 COUNTY OF COOK)

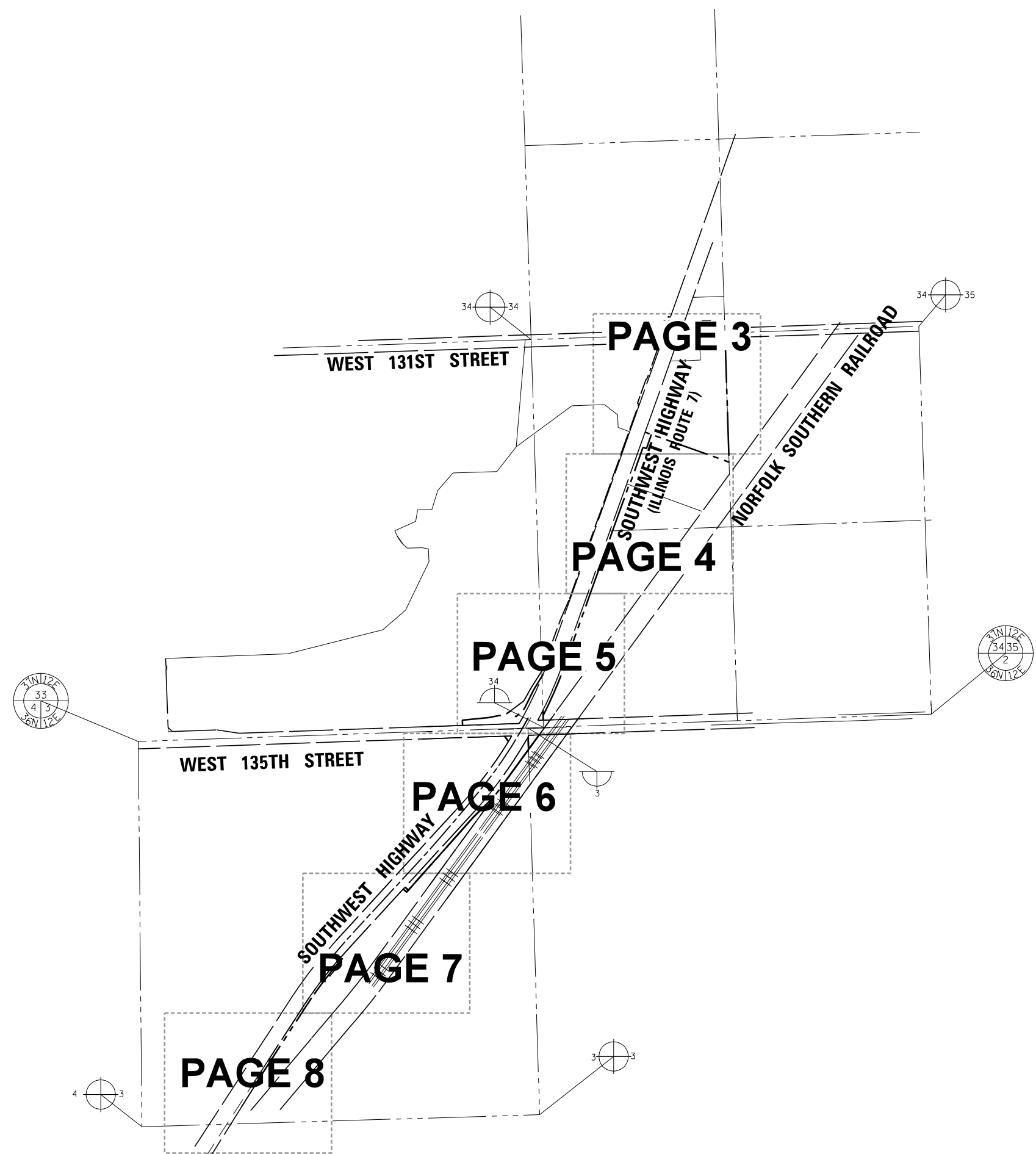
THIS IS TO CERTIFY THAT I, GERARDO P. SANCHEZ, AN ILLINOIS PROFESSIONAL LAND SURVEYOR LICENSE NO. 035-003486, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN PART OF SECTION 3, TOWNSHIP 36 NORTH, RANGE 12 EAST AND PART OF SECTION 34, TOWNSHIP 37 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, 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 13TH DAY OF AUGUST 2020 A.D.

Gerardo P. Sanchez
 GERARDO P. SANCHEZ, PRESIDENT

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003486
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2020

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



APPROVED
 By William Wright at 2:24 pm, Aug 19, 2020

REVISION DATE: REVISION MADE BY:

SHEET 87 OF 255
IDOT USE ONLY

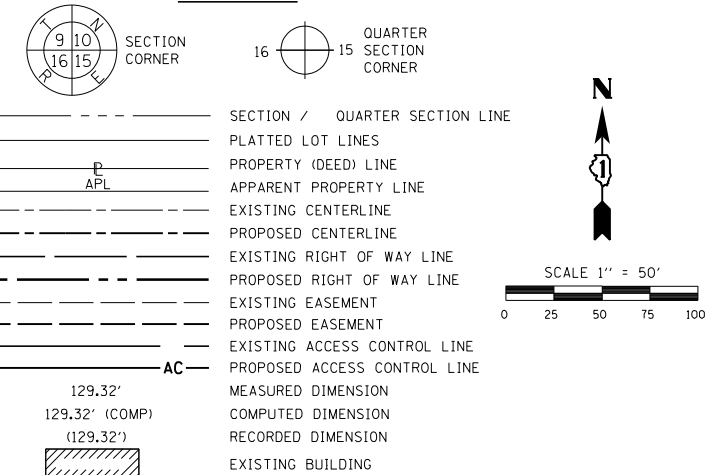
PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 7

LIMITS: 131ST STREET TO COUNTY: COOK
 135TH STREET
 SECTIONS: JOB NO.: R-90-024-16
 STATION 80+70.00 TO STATION 132+78.16
 SCALE: 1"=400'

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

8604 W. CATALPA AVE STE 912
 CHICAGO, IL 60656
 PHONE 773-444-0144
 FAX 847-222-0104
 DESIGN FIRM REGISTRATION NO:
 184-004601

LEGEND



LINE TABLE with columns: NAME, BEARING, DISTANCE. Lists line segments L1 through L184 with their respective bearings and distances.

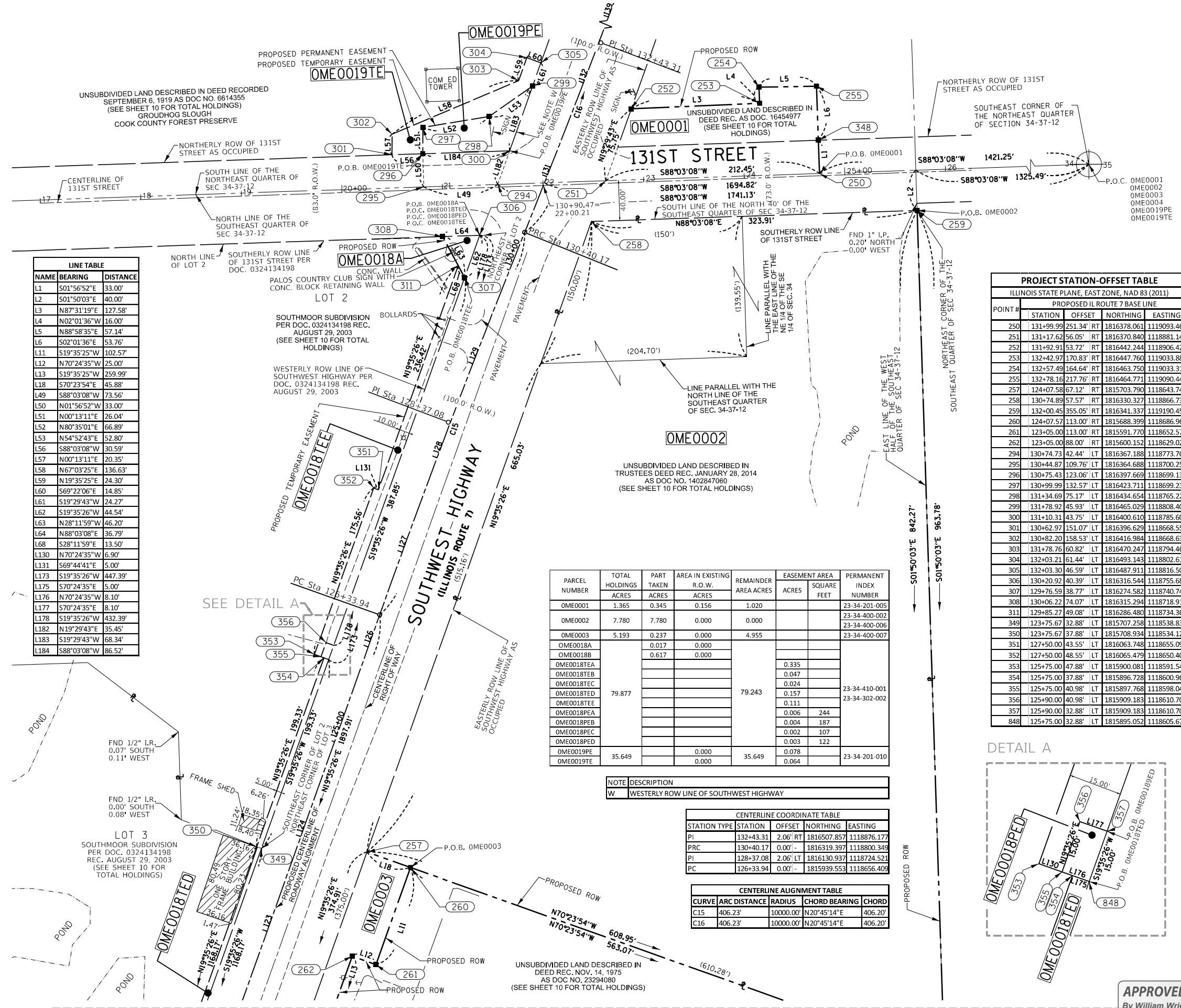
PROJECT STATION-OFFSET TABLE. Includes PROPOSED IL ROUTE 7 BASELINE with columns for POINT#, STATION, OFFSET, NORTHING, and EASTING. Lists points 250 through 848.

Table with columns: PARCEL NUMBER, TOTAL HOLDINGS, PART TAKEN, AREA IN EXISTING R.O.W., REMAINDER AREA ACRES, EASEMENT AREA ACRES, SQUARE FEET, PERMANENT INDEX NUMBER. Lists parcels OME0001 through OME0019TE.

NOTE DESCRIPTION table with columns: NOTE, DESCRIPTION. Lists 'W' WESTERLY ROW LINE OF SOUTHWEST HIGHWAY.

CENTERLINE COORDINATE TABLE with columns: STATION TYPE, STATION, OFFSET, NORTHING, EASTING. Lists stations C15, C16, PRC, PI, PC.

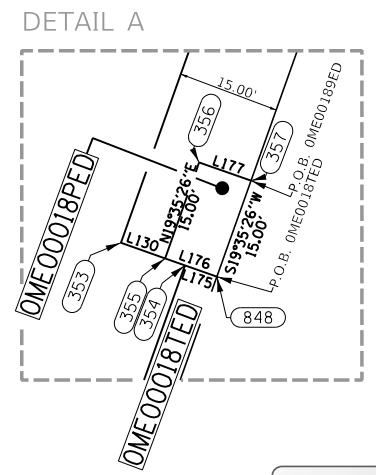
CENTERLINE ALIGNMENT TABLE with columns: CURVE, ARC DISTANCE, RADIUS, CHORD BEARING, CHORD. Lists curves C15, C16.



ABBREVIATIONS: P.O.C. - POINT OF COMMENCEMENT, P.O.B. - POINT OF BEGINNING, SURVEY NOTES. Includes a list of symbols for trees, manholes, signs, etc., and a note about staking of proposed right of way.

STATE OF ILLINOIS)
COUNTY OF COOK)
THIS IS TO CERTIFY THAT I, GERARDO P. SANCHEZ, AN ILLINOIS PROFESSIONAL LAND SURVEYOR LICENSE NO. 035-003486, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN PART OF SECTION 34, TOWNSHIP 36 NORTH, RANGE 12 EAST AND PART OF SECTION 34, TOWNSHIP 37 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE PLAT 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 23RD DAY OF DECEMBER 2020 A.D.
Gerardo P. Sanchez
GERARDO P. SANCHEZ, PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003486
LICENSE EXPIRATION DATE: NOVEMBER 30, 2022
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
FIELD WORK COMPLETE: 05/15/2020



APPROVED
By William Wright at 3:54 pm, Feb 24, 2021

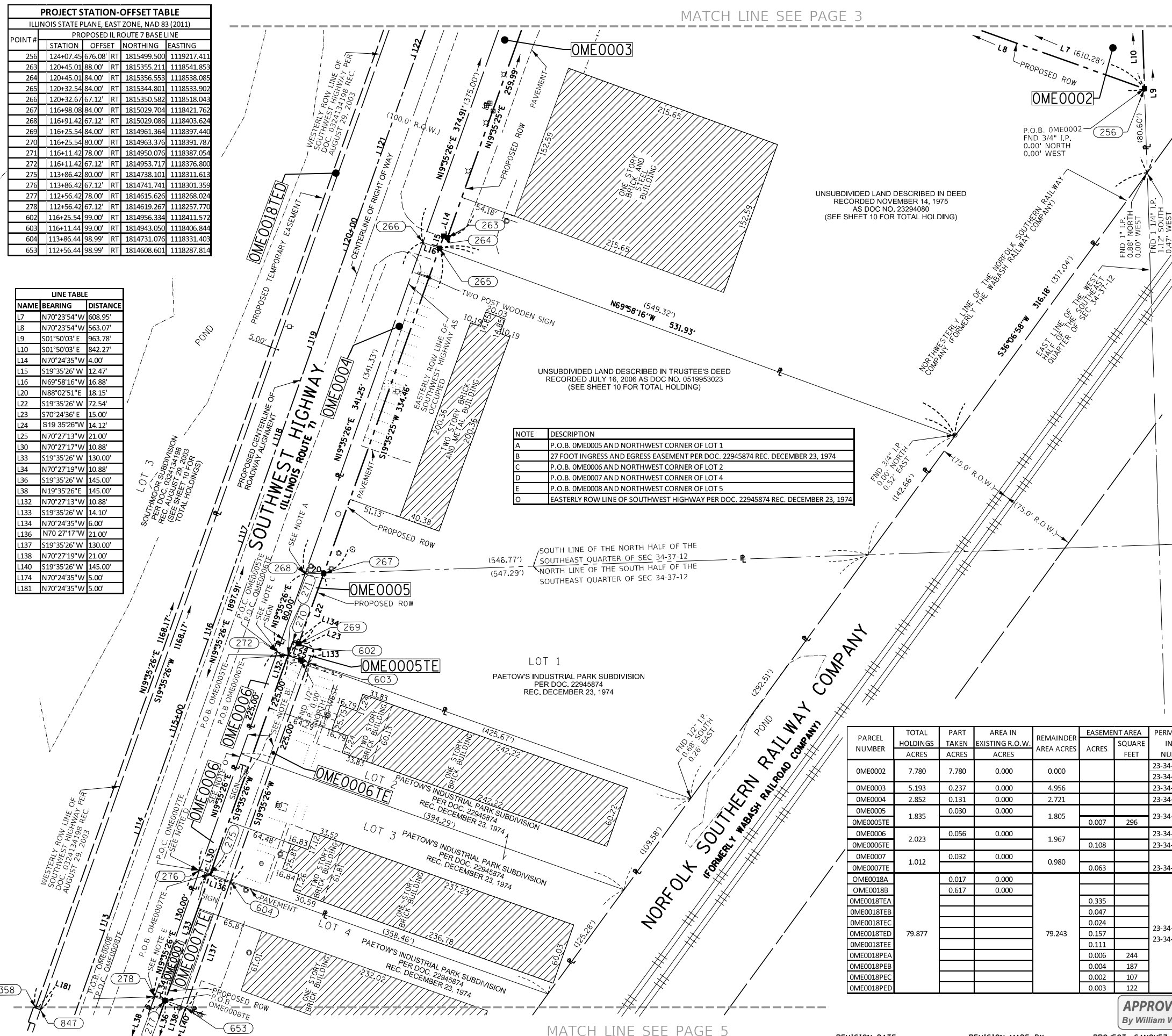


PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 7
LIMITS: 131ST STREET TO 135TH STREET COUNTY: COOK
SECTIONS: 33 JOB NO.: R-90-024-16
STATION 122+50.00 TO STATION 132+78.16
SCALE: 1"=50'
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAMBURG, ILLINOIS 60196

MATCH LINE SEE PAGE 3

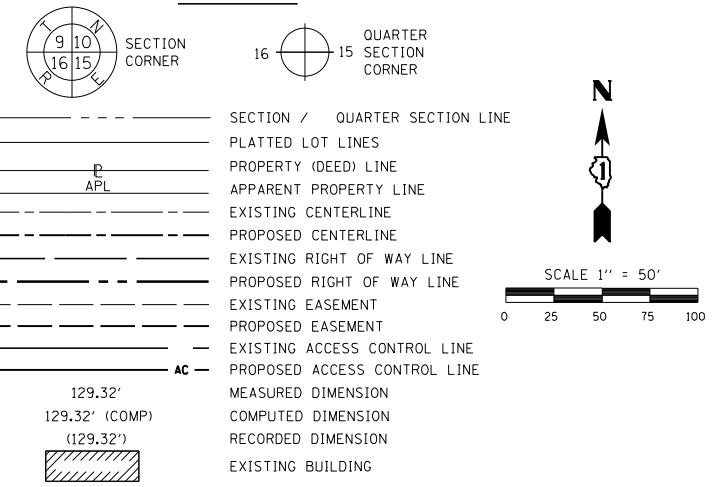
PROJECT STATION-OFFSET TABLE				
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)				
POINT #	STATION	OFFSET	NORTHING	EASTING
256	124+07.45	676.08'	RT	1815499.500
263	120+45.01	88.00'	RT	1815355.211
264	120+45.01	84.00'	RT	1815356.553
265	120+32.54	84.00'	RT	1815344.801
266	120+32.67	67.12'	RT	1815350.582
267	116+98.08	84.00'	RT	1815029.704
268	116+91.42	67.12'	RT	1815029.086
269	116+25.54	84.00'	RT	1814961.364
270	116+25.54	80.00'	RT	1814963.376
271	116+11.42	78.00'	RT	1814950.076
272	116+11.42	67.12'	RT	1814953.717
275	113+86.42	80.00'	RT	1814738.101
276	113+86.42	67.12'	RT	1814741.741
277	112+56.42	78.00'	RT	1814615.626
278	112+56.42	67.12'	RT	1814619.267
602	116+25.54	99.00'	RT	1814956.334
603	116+11.44	99.00'	RT	1814943.050
604	113+86.44	98.99'	RT	1814731.076
653	112+56.44	98.99'	RT	1814608.601

LINE TABLE		
NAME	BEARING	DISTANCE
L7	N70°23'54"W	608.95'
L8	N70°23'54"W	563.07'
L9	S01°50'03"E	963.78'
L10	S01°50'03"E	842.27'
L14	N70°24'35"W	4.00'
L15	S19°35'26"W	12.47'
L16	N69°58'16"W	16.88'
L20	N88°02'51"E	18.15'
L22	S19°35'26"W	72.54'
L23	S70°24'36"E	15.00'
L24	S19°35'26"W	14.12'
L25	N70°27'13"W	21.00'
L30	N70°27'17"W	10.88'
L33	S19°35'26"W	130.00'
L34	N70°27'19"W	10.88'
L36	S19°35'26"W	145.00'
L38	N19°35'26"E	145.00'
L132	N70°27'13"W	10.88'
L133	S19°35'26"W	14.10'
L134	N70°24'35"W	6.00'
L136	N70°27'17"W	21.00'
L137	S19°35'26"W	130.00'
L138	N70°27'19"W	21.00'
L140	S19°35'26"W	145.00'
L174	N70°24'35"W	5.00'
L181	N70°24'35"W	5.00'



NOTE	DESCRIPTION
A	P.O.B. OME0005 AND NORTHWEST CORNER OF LOT 1
B	27 FOOT INGRESS AND EGRESS EASEMENT PER DOC. 22945874 REC. DECEMBER 23, 1974
C	P.O.B. OME0006 AND NORTHWEST CORNER OF LOT 2
D	P.O.B. OME0007 AND NORTHWEST CORNER OF LOT 4
E	P.O.B. OME0008 AND NORTHWEST CORNER OF LOT 5
O	EASTERLY ROW LINE OF SOUTHWEST HIGHWAY PER DOC. 22945874 REC. DECEMBER 23, 1974

LEGEND



- ABBREVIATIONS:
- P.O.C. - POINT OF COMMENCEMENT
 - P.O.B. - POINT OF BEGINNING
- SURVEY 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 1983 (2011 ADJUSTMENT) "GRID".
 - ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINED FACTOR OF 0.99999542.
 - AREAS SHOWN ON THIS PLAT ARE "GROUND".
- TREE BOLLARD SPLICE BOX POWER POLE WATER VALVE
 LIGHT POLE MANHOLE HANDHOLE SIGN HYDRANT
 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 MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 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 COOK)

THIS IS TO CERTIFY THAT I, GERARDO P. SANCHEZ, AN ILLINOIS PROFESSIONAL LAND SURVEYOR LICENSE NO. 035-003486, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN PART OF SECTION 3, TOWNSHIP 36 NORTH, RANGE 12 EAST AND PART OF SECTION 34, TOWNSHIP 37 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 23RD DAY OF JUNE 2021 A.D.

Gerardo P. Sanchez
 GERARDO P. SANCHEZ, PRESIDENT

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003486
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2022
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
 FIELD WORK COMPLETE: 05/15/2020



PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 7
 LIMITS: 131ST STREET TO 135TH STREET COUNTY: COOK
 SECTIONS: 33 JOB NO.: R-90-024-16
 STATION 112+50.00 TO STATION 122+50.00
 SCALE: 1"=50'

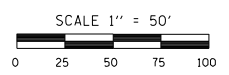
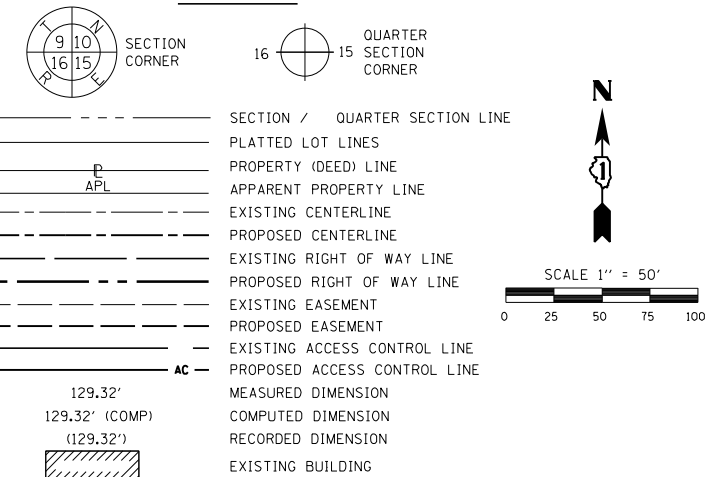
PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	PERMANENT INDEX NUMBER
OME0002	7.780	7.780	0.000	0.000		23-34-400-002
OME0003	5.193	0.237	0.000	4.956		23-34-400-006
OME0004	2.852	0.131	0.000	2.721		23-34-400-007
OME0005	1.835	0.030	0.000	1.805	0.007	23-34-402-005
OME0005TE					296	
OME0006	2.023	0.056	0.000	1.967	0.108	23-34-402-006
OME0006TE						23-34-402-007
OME0007	1.012	0.032	0.000	0.980		23-34-402-008
OME0007TE					0.063	
OME0018A		0.017	0.000			
OME0018B		0.617	0.000			
OME0018TEA					0.335	
OME0018TEB					0.047	
OME0018TEC					0.024	
OME0018TED	79.877			79.243	0.157	23-34-410-001
OME0018TEE					0.111	23-34-302-002
OME0018TEF					0.006	244
OME0018PEA					0.004	187
OME0018PEB					0.002	107
OME0018PEC					0.003	122
OME0018PED						

APPROVED
 By William Wright at 8:23 am, Jun 24, 2021

REVISION DATE: REVISION MADE BY: PROJECT: SANCHEZ 201904

MATCH LINE SEE PAGE 5

LEGEND



ABBREVIATIONS:
 P.O.C. - POINT OF COMMENCEMENT
 P.O.B. - POINT OF BEGINNING

- SURVEY 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 1983 (2011 ADJUSTMENT) "GRID".
 - ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINED FACTOR OF 0.99999542.
 - AREAS SHOWN ON THIS PLAT ARE "GROUND".
- TREE BOLLARD SPLICE BOX POWER POLE WATER VALVE
 LIGHT POLE MANHOLE HANDHOLE SIGN HYDRANT
 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 MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 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)
)SS
 COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, GERARDO P. SANCHEZ, AN ILLINOIS PROFESSIONAL LAND SURVEYOR LICENSE NO. 035-003486, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN PART OF SECTION 3, TOWNSHIP 36 NORTH, RANGE 12 EAST AND PART OF SECTION 34, TOWNSHIP 37 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 05TH DAY OF APRIL 2022 A.D.

Gerardo P. Sanchez
 GERARDO P. SANCHEZ, PRESIDENT

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003486
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2022

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

FIELD WORK COMPLETE: 05/15/2020



PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 7
 LIMITS: 131ST STREET TO COUNTY: COOK
 135TH STREET JOB NO.: R-90-024-16
 SECTIONS: 33 TO STATION 90+00.00
 STATION 90+00.00 TO STATION 102+00.00
 SCALE: 1"=50'

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

CURVE TABLE				
CURVE	ARC DISTANCE	RADIUS	CHORD BEARING	CHORD
C7	48.33'	2814.93'	S31°04'48"W	48.33'
C8	11.15'	2914.93'	N29°27'03"E	11.15'
C9	650.76'	2914.93'	N35°57'22"E	649.41'

PROJECT STATION-OFFSET TABLE				
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)				
PROPOSED ILL ROUTE 7 BASE LINE				
POINT #	STATION	OFFSET	NORTHING	EASTING
328	101+37.16	36.42' LT	1813629.870	1117733.109
329	100+88.24	36.42' LT	1813588.478	1117708.159
330	101+08.40	79.36' LT	1813628.093	1117681.772
331	101+18.12	109.64' RT	1813537.677	1117848.025
332	101+89.14	63.15' RT	1813624.233	1117845.396
333	102+00.06	63.05' RT	1813633.945	1117850.880
334	102+35.10	122.04' RT	1813636.321	1117920.000
338	95+49.44	61.48' RT	1813098.559	1117464.088
339	97+31.20	102.54' RT	1813214.227	1117612.021
340	95+31.10	82.00' RT	1813071.231	1117468.008

NOTE		DESCRIPTION
Q	WEST LINE OF THE NORTHEAST QUARTER OF SEC 3-36-12	
R	SOUTH ROW LINE OF 135TH STREET PER DOC. 10487998 REC. SEPTEMBER 24, 1929	
S	P.O.C. OME0013, OME0014, OME0014TE, OME0015, OME0015TE, OME0016, OME0016TE	
	NORTHWEST CORNER OF THE NORTHEAST QUARTER OF SEC 3-36-12	
	NORTHEAST CORNER OF THE NORTHWEST QUARTER OF SEC 3-36-12	
T	EAST LINE OF THE NORTHWEST QUARTER OF SEC 3-36-12	
V	P.O.B. OME0017 AND NORTHEAST CORNER OF BLOCK 1 IN ORLAND HILLS SECOND ADDITION SUBDIVISION PER DOC. 1419953 REC. AUGUST 26, 1974	

LINE TABLE		
NAME	BEARING	DISTANCE
L19	S36°06'58"W	63.52'
L21	S01°44'22"E	59.52'
L85	N33°40'01"W	47.60'
L86	N88°01'04"E	51.37'
L88	N88°01'53"E	69.16'
L102	N01°44'22"W	146.11'

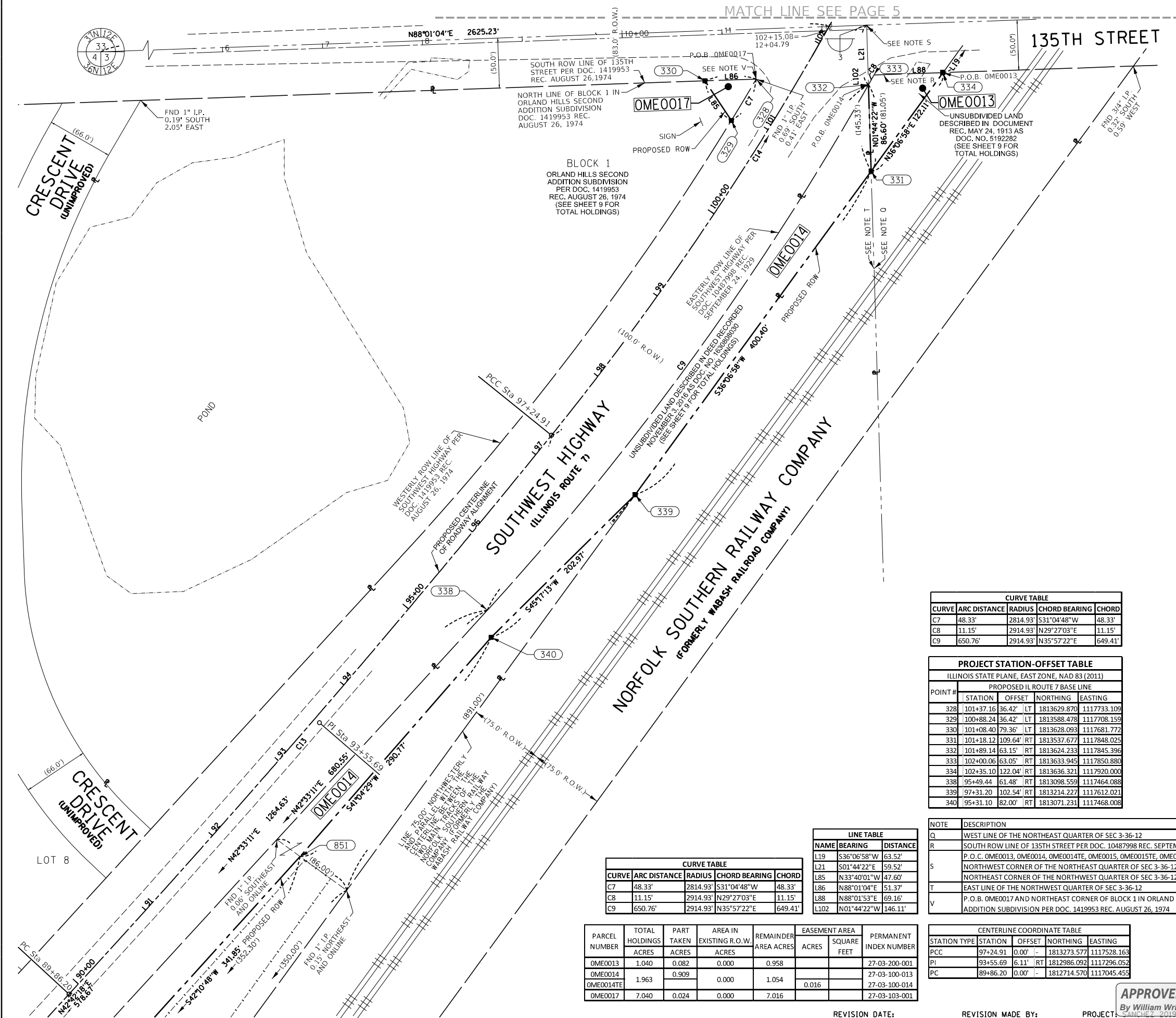
CURVE TABLE				
CURVE	ARC DISTANCE	RADIUS	CHORD BEARING	CHORD
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PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	SQUARE FEET	PERMANENT INDEX NUMBER
OME0013	1.040	0.082	0.000	0.958			27-03-200-001
OME0014	0.909	0.909	0.000	0.000			27-03-100-013
OME0014TE	1.963		0.000	1.054	0.016		27-03-100-014
OME0017	7.040	0.024	0.000	7.016			27-03-103-001

CENTERLINE COORDINATE TABLE				
STATION TYPE	STATION	OFFSET	NORTHING	EASTING
PCC	97+24.91	0.00' -	1813273.577	1117528.163
PI	93+55.69	6.11' RT	1812986.092	1117296.052
PC	89+86.20	0.00' -	1812714.570	1117045.455

REVISION DATE: REVISION MADE BY: PROJECT: SANCHEZ 201904

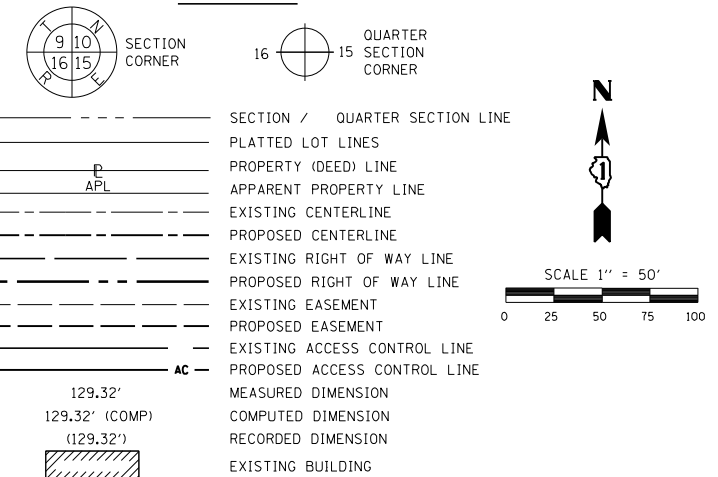
APPROVED
 By William Wright at 9:09 am, Apr 07, 2022



MATCH LINE SEE PAGE 6



LEGEND



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 x LIGHT POLE ○ MANHOLE □ HANDHOLE † SIGN ○ HYDRANT
 ○ IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET
 + CUT CROSS FOUND OR SET ● 5 / 8" REBAR SET

CURVE	ARC DISTANCE	RADIUS	CHORD BEARING	CHORD
C10	329.72'	2799.93'	S37°59'00"W	329.53'
C11	331.38'	2814.93'	N37°58'48"E	331.19'
C12	74.92'	2799.93'	S42°07'25"W	74.92'
C14	75.50'	2814.93'	N42°07'15"E	75.50'
C15	59.13'	2799.93'	N39°09'20"E	59.13'
C16	59.79'	2814.93'	N33°59'57"E	59.79'
C17	59.58'	2799.93'	S34°00'01"W	59.58'
C18	78.02'	2799.93'	S40°33'31"W	78.02'
C19	74.92'	2799.93'	S42°07'25"W	74.92'
C20	75.50'	2814.93'	N42°07'15"E	75.50'
C94	708.86'	3810.50'	N37°22'33"E	707.84'

STATION TYPE	STATION	OFFSET	NORTHING	EASTING
PT	84+07.53	0.00'	1812289.331	1116652.987
PI	80+54.12	16.54' LT	1812028.123	1116411.909

POINT #	PROPOSED IL ROUTE 7 BASE LINE			
	STATION	OFFSET	NORTHING	EASTING
336	88+72.38	80.00' RT	1812576.670	1117027.047
337	88+71.76	49.01' RT	1812597.234	1117003.852
341	88+54.37	80.00' RT	1812563.440	1117014.836
342	88+53.75	49.06' RT	1812583.972	1116991.677
343	81+30.19	70.00' RT	1812035.111	1116527.108
344	80+70.00	70.00' RT	1811988.750	1116490.781
710	77+82.92	42.34' RT	1811774.497	1116304.172
711	77+81.00	57.35' RT	1811764.670	1116315.674
712	78+14.10	42.05' RT	1811800.352	1116320.971
713	78+14.20	57.05' RT	1811792.097	1116333.495
715	78+74.55	41.80' RT	1811849.918	1116354.402
716	78+74.68	56.80' RT	1811841.488	1116366.810
717	82+09.69	46.25' RT	1812110.967	1116558.210
718	82+09.48	61.25' RT	1812101.222	1116569.615
719	84+55.00	50.11' RT	1812290.229	1116722.009
720	84+55.00	55.11' RT	1812286.838	1116725.683
721	84+55.00	65.11' RT	1812280.057	1116733.031
722	82+86.10	48.64' RT	1812166.968	1116608.847
723	82+85.61	63.64' RT	1812156.792	1116619.867
725	88+53.85	54.06' RT	1812580.655	1116995.419
726	84+55.00	55.11' RT	1812286.838	1116725.683
729	81+30.23	59.31' RT	1812041.951	1116518.887
732	80+70.19	58.20' RT	1811996.103	1116481.554
849	89+02.38	79.73' RT	1812598.901	1117047.191
850	89+02.05	63.66' RT	1812609.562	1117035.166
851	92+42.41	79.55' RT	1812852.223	1117276.728

NAME	BEARING	DISTANCE
L90	S48°26'25"E	31.00'
L95	S42°42'18"W	18.00'
L96	N48°26'24"W	25.95'
L98	S38°04'51"W	58.90'
L99	N51°26'58"W	11.80'
L100	S50°14'22"E	10.69'
L107	S47°17'42"E	15.00'
L108	N49°29'21"W	15.00'
L110	N47°17'42"W	5.00'
L111	N55°48'20"W	15.00'
L112	N33°00'56"E	30.83'
L113	S33°00'56"W	32.71'
L114	N49°29'21"W	15.13'
L185	N48°26'25"W	16.07'
L186	S68°30'42"W	33.65'
L187	S42°10'48"W	30.00'

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	PERMANENT INDEX NUMBER
OME0014	1.963	0.909	0.000	1.054		27-03-100-013
OME0014TE					0.016	27-03-100-014
OME0015	2.492	0.084	0.000	2.408		27-03-100-015
OME0015TE					0.059	27-03-100-035
OME0016	1.483	0.114	0.000	1.369		27-03-100-028
OME0016TE					0.015	27-03-100-030
OME0020	0.434	0.031	0.000	0.403		27-03-100-039

NOTE	DESCRIPTION
B	30' WIDE EASEMENT FOR INGRESS AND EGRESS AND PUBLIC UTILITIES PER DOCUMENT 26327654
DD	NORTH LINE OF PROPERTY PER DOC. 1408522050 REC. MARCH 26, 2014

STATE OF ILLINOIS)
 COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, GERARDO P. SANCHEZ, AN ILLINOIS PROFESSIONAL LAND SURVEYOR LICENSE NO. 035-003486, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN PART OF SECTION 3, TOWNSHIP 36 NORTH, RANGE 12 EAST AND PART OF SECTION 34, TOWNSHIP 37 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 05TH DAY OF APRIL 2022 A.D.

Gerardo P. Sanchez
 GERARDO P. SANCHEZ, PRESIDENT

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003486
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2022

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FIELD WORK COMPLETE: 05/15/2020



PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 7

LIMITS: 131ST STREET TO 135TH STREET COUNTY: COOK
 SECTIONS: 33 JOB NO.: R-90-024-16
 STATION 80+70.00 TO STATION 90+00.00
 SCALE: 1"=50'

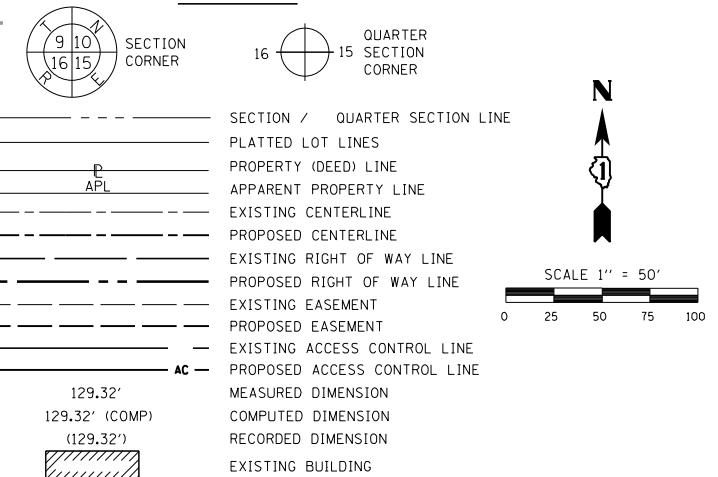
BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

APPROVED
 By William Wright at 9:10 am, Apr 07, 2022

REVISION DATE: REVISION MADE BY: PROJECT: SANCHEZ 201904

MATCH LINE SEE PAGE 8

LEGEND



PROJECT STATION-OFFSET TABLE					LINE TABLE		
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)					NAME	BEARING	DISTANCE
PROPOSED IL ROUTE 7 BASE LINE					L114	N49°29'21"W	15.13'
POINT #	STATION	OFFSET	NORTHING	EASTING	L115	N33°00'56"E	48.53'
700	71+79.27	33.06'	RT 1811269.036	1115975.725	L116	S33°00'56"W	48.53'
701	73+34.13	35.68'	RT 1811398.910	1116060.117	L117	N49°29'21"W	15.13'
702	73+33.87	50.68'	RT 1811390.737	1116072.695	L118	N33°00'56"E	70.75'
703	71+79.26	48.06'	RT 1811261.074	1115988.440	L119	S33°00'56"W	70.75'
704	74+93.86	38.38'	RT 1811532.869	1116147.163	L120	N49°29'21"W	15.13'
705	74+93.61	53.38'	RT 1811524.696	1116159.741	L121	N33°00'56"E	168.88'
706	76+62.72	41.24'	RT 1811674.479	1116239.180	L122	S33°00'56"W	166.91'
707	76+60.49	56.20'	RT 1811664.651	1116250.683	L123	N56°59'04"W	15.00'
708	77+33.85	42.28'	RT 1811733.807	1116277.731	L124	N33°00'56"E	159.76'
709	77+31.73	57.26'	RT 1811723.979	1116289.234	L125	N33°00'56"E	159.76'
710	77+82.92	42.34'	RT 1811774.497	1116304.172	L126	S56°59'04"E	15.00'
711	77+81.00	57.35'	RT 1811764.670	1116315.674	L127	S33°00'56"W	154.63'
					L128	N57°56'47"W	15.00'
					L129	N33°00'56"E	154.88'

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PERMANENT INDEX NUMBER
					ACRES	SQUARE FEET	
OME0021	0.198	0.017	0.000	0.181			27-03-100-018
OME0022	0.276	0.024	0.000	0.252			27-03-100-011
OME0023	0.571	0.058	0.000	0.513			27-03-100-019 27-03-100-020
OME0024	0.504	0.055	0.000	0.449			27-03-100-021 27-03-100-022
OME0025	0.638	0.053	0.000	0.585			27-03-100-040

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- TREE
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 - + CUT CROSS FOUND OR SET
 - 5 / 8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
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COUNTY OF COOK)

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DATED AT CHICAGO, ILLINOIS THIS 13TH DAY OF AUGUST 2020 A.D.

Gerardo P. Sanchez
GERARDO P. SANCHEZ, PRESIDENT

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DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 7

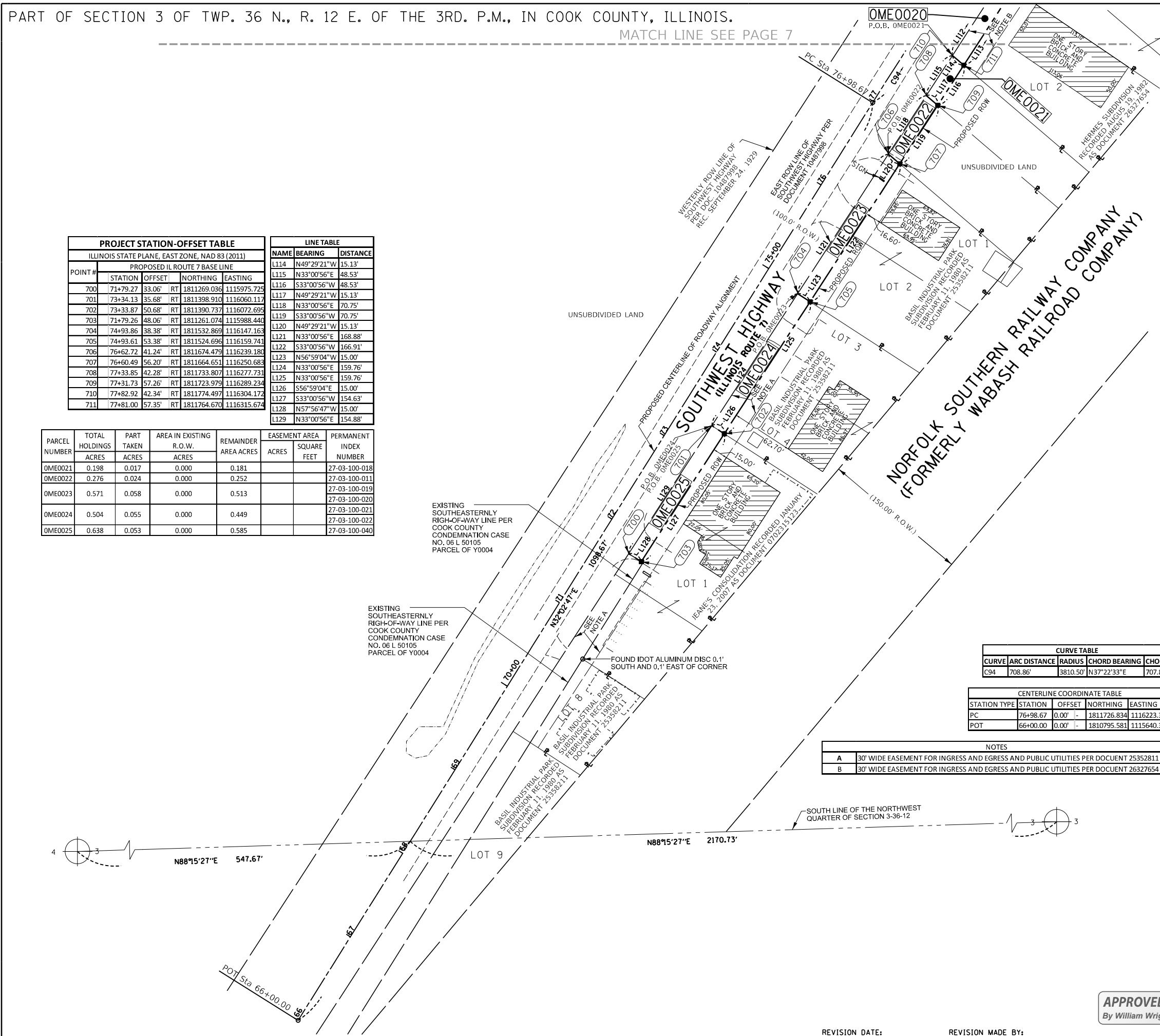
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SCHAMBURG, ILLINOIS 60196

SHEET 93 OF 255
IDOT USE ONLY

APPROVED
By William Wright at 2:26 pm, Aug 19, 2020

REVISION DATE: REVISION MADE BY:

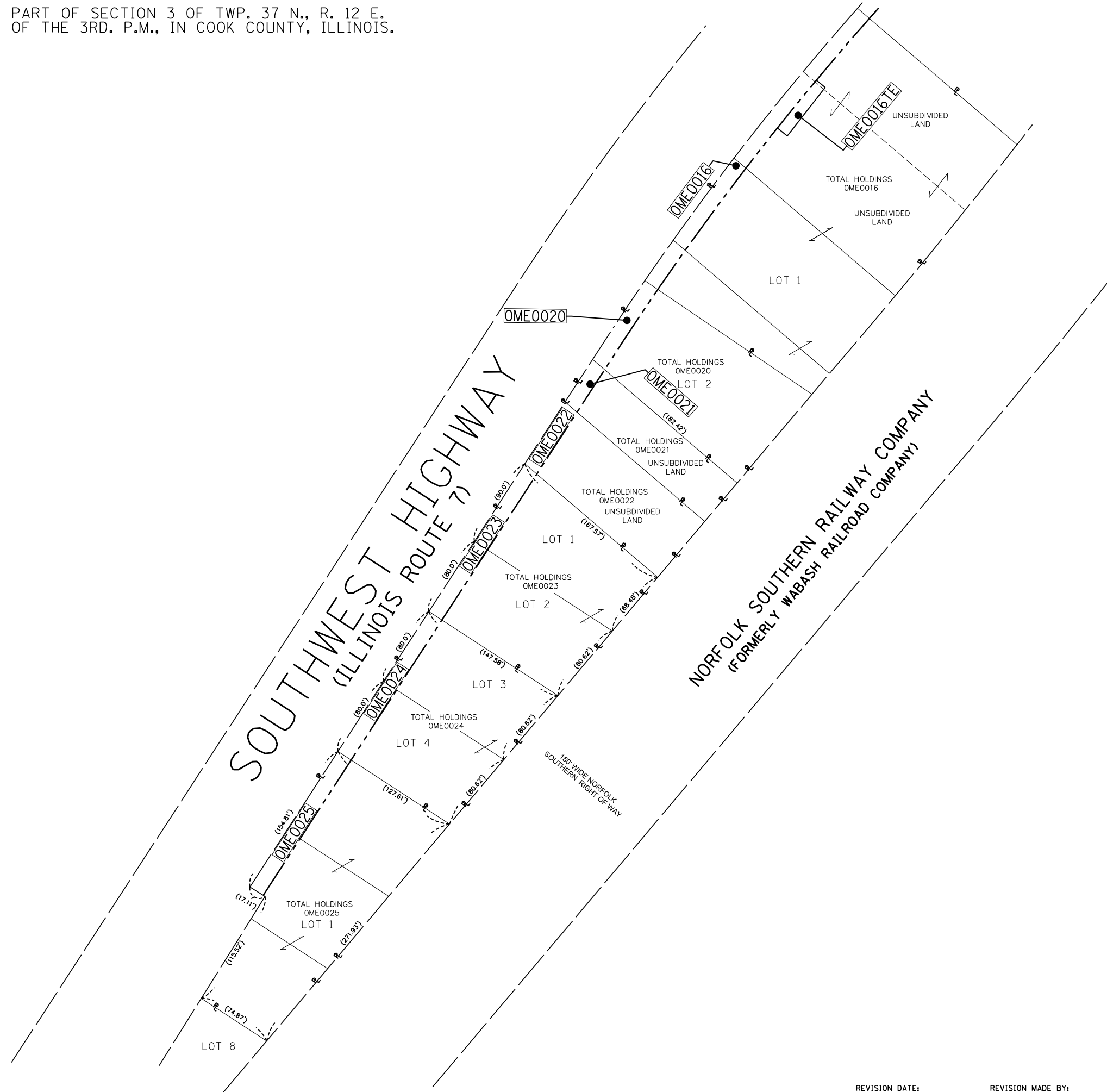


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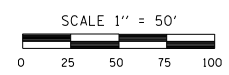
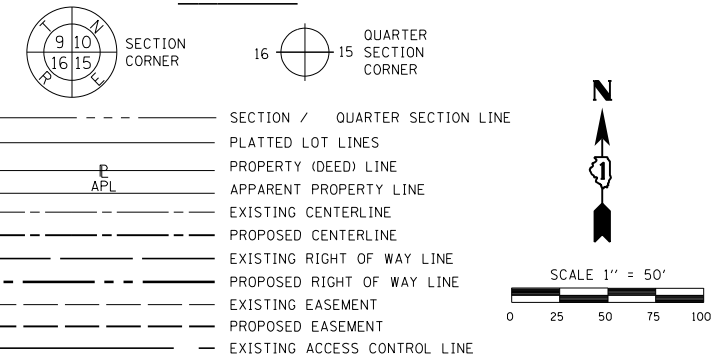
STATION TYPE	STATION	OFFSET	NORTHING	EASTING
PC	76+98.67	0.00'	1811726.834	1116223.302
POT	66+00.00	0.00'	1810795.581	1115640.341

NOTES	
A	30' WIDE EASEMENT FOR INGRESS AND EGRESS AND PUBLIC UTILITIES PER DOCUENT 25352811
B	30' WIDE EASEMENT FOR INGRESS AND EGRESS AND PUBLIC UTILITIES PER DOCUENT 26327654

PART OF SECTION 3 OF TWP. 37 N., R. 12 E.
OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



LEGEND



129.32'
129.32' (COMP)
(129.32')

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 + CUT CROSS FOUND OR SET ● 5 / 8" REBAR SET

■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

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)SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, GERARDO P. SANCHEZ, AN ILLINOIS PROFESSIONAL LAND SURVEYOR LICENSE NO. 035-003486, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN PART OF SECTION 3, TOWNSHIP 36 NORTH, RANGE 12 EAST AND PART OF SECTION 34, TOWNSHIP 37 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 13TH DAY OF AUGUST 2020 A.D.

Gerardo P. Sanchez
GERARDO P. SANCHEZ, PRESIDENT

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003486
LICENSE EXPIRATION DATE: NOVEMBER 30, 2020

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

FIELD WORK COMPLETE: 05/15/2020

SANCHEZ
8604 W. CATALPA AVE STE 912
CHICAGO, IL 60656
PHONE 773-444-0144
FAX 847-232-3104
DESIGN FIRM REGISTRATION NO: 184-004601

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 7
LIMITS: 131ST STREET TO COUNTY: COOK
 135TH STREET
SECTIONS: JOB NO.: R-90-024-16
STATION 80+70.00 TO STATION 132+78.16
SCALE: 1"=50'

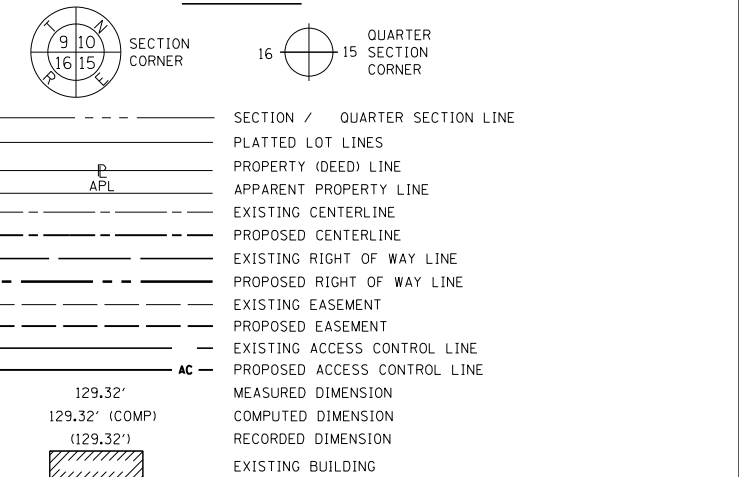
SHEET 97 OF 255
IDOT USE ONLY

APPROVED
By William Wright at 2:27 pm, Aug 19, 2020

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

REVISION DATE: REVISION MADE BY:

LEGEND



- SURVEY 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 1983 (2011 ADJUSTMENT) "GRID".
 - ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINED FACTOR OF 0.99999542.
 - AREAS SHOWN ON THIS PLAT ARE "GROUND".
- TREE ○ BOLLARD □ SPLICE BOX ⊕ POWER POLE ○ WATER VALVE
 x LIGHT POLE ○ MANHOLE □ HANDHOLE † SIGN ○ HYDRANT
 ○ 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 MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 - ⊙ 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)
) SS
 COUNTY OF COOK)

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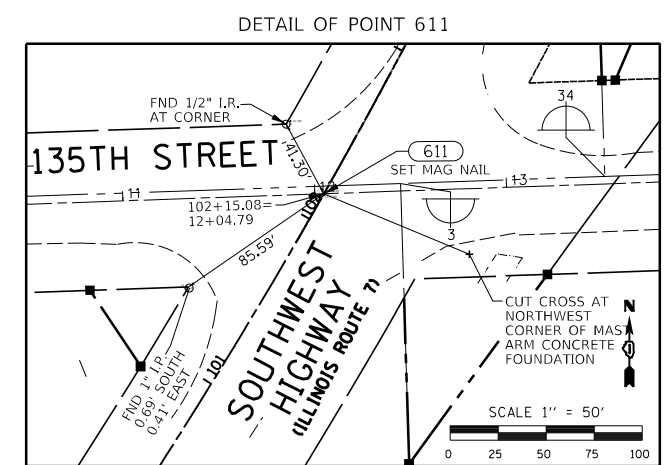
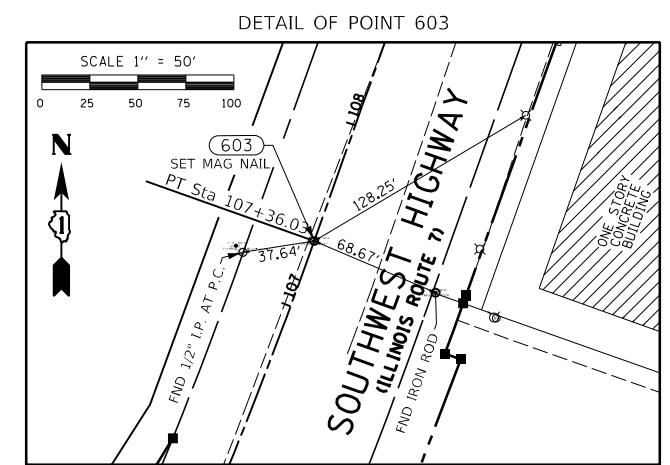
PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 7

LIMITS: 131ST STREET TO 135TH STREET COUNTY: COOK
 SECTIONS: 33 JOB NO.: R-90-024-16
 STATION TO STATION
 SCALE: 1"=50'

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

SHEET 98 OF 255
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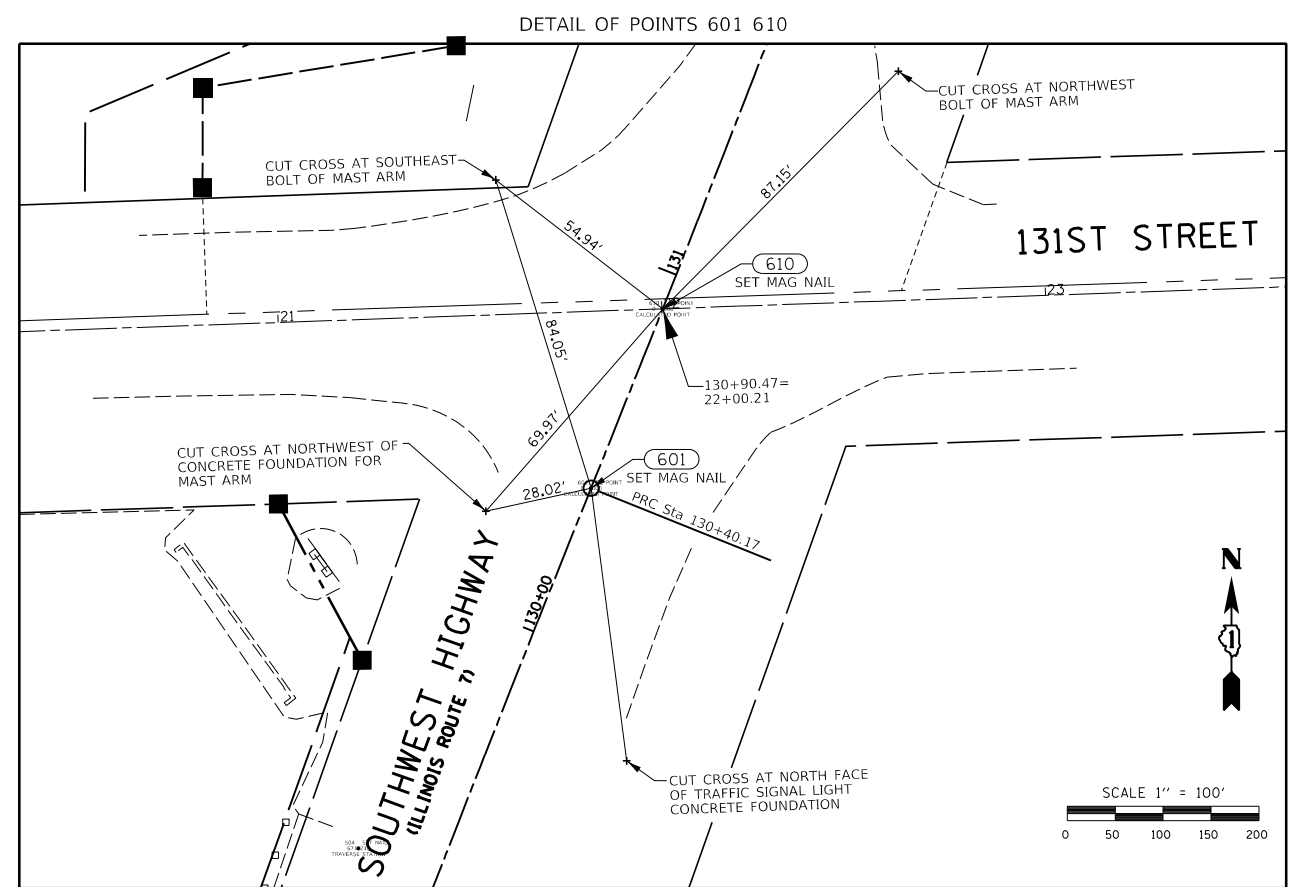
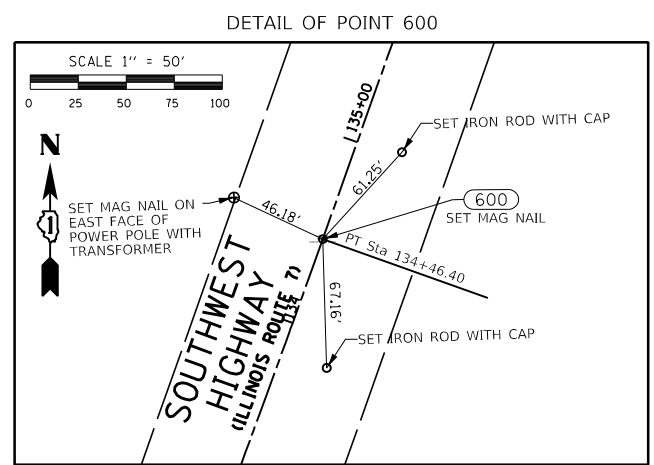
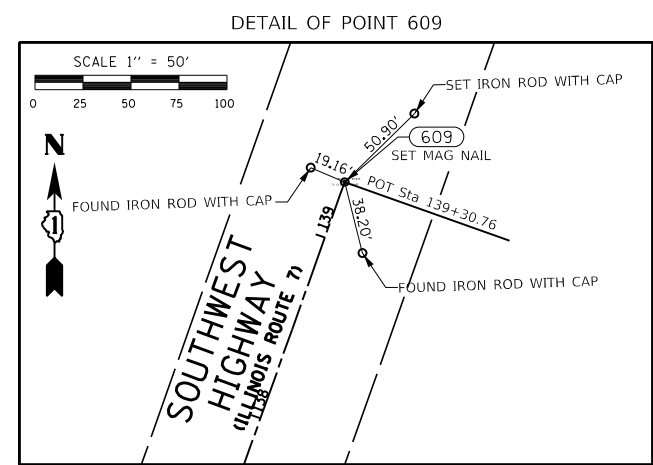
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 By William Wright at 2:27 pm, Aug 19, 2020



PROJECT STATION-OFFSET TABLE

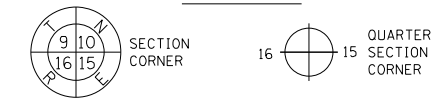
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)

POINT #	PROPOSED IL ROUTE 7 BASE LINE		
	STATION	NORTHING	EASTING
600	134+46.40	1816699.241	1118944.289
601	130+40.17	1816319.397	1118800.349
603	107+36.03	1814151.509	1118020.058
609	139+30.76	1817155.570	1119106.693
610	130+90.47	1816366.111	1118819.008
611	102+15.08	1813678.364	1117803.629



REVISION DATE: REVISION MADE BY:

LEGEND



- 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

ABBREVIATIONS:

- P.O.C. - POINT OF COMMENCEMENT
- P.O.B. - POINT OF BEGINNING

SURVEY NOTES

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- AREAS SHOWN ON THIS PLAT ARE "GROUND".

- ⊙ TREE
- ⊗ LIGHT POLE
- IRON PIPE OR ROD FOUND
- +
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
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FIELD WORK COMPLETE: 05/15/2020

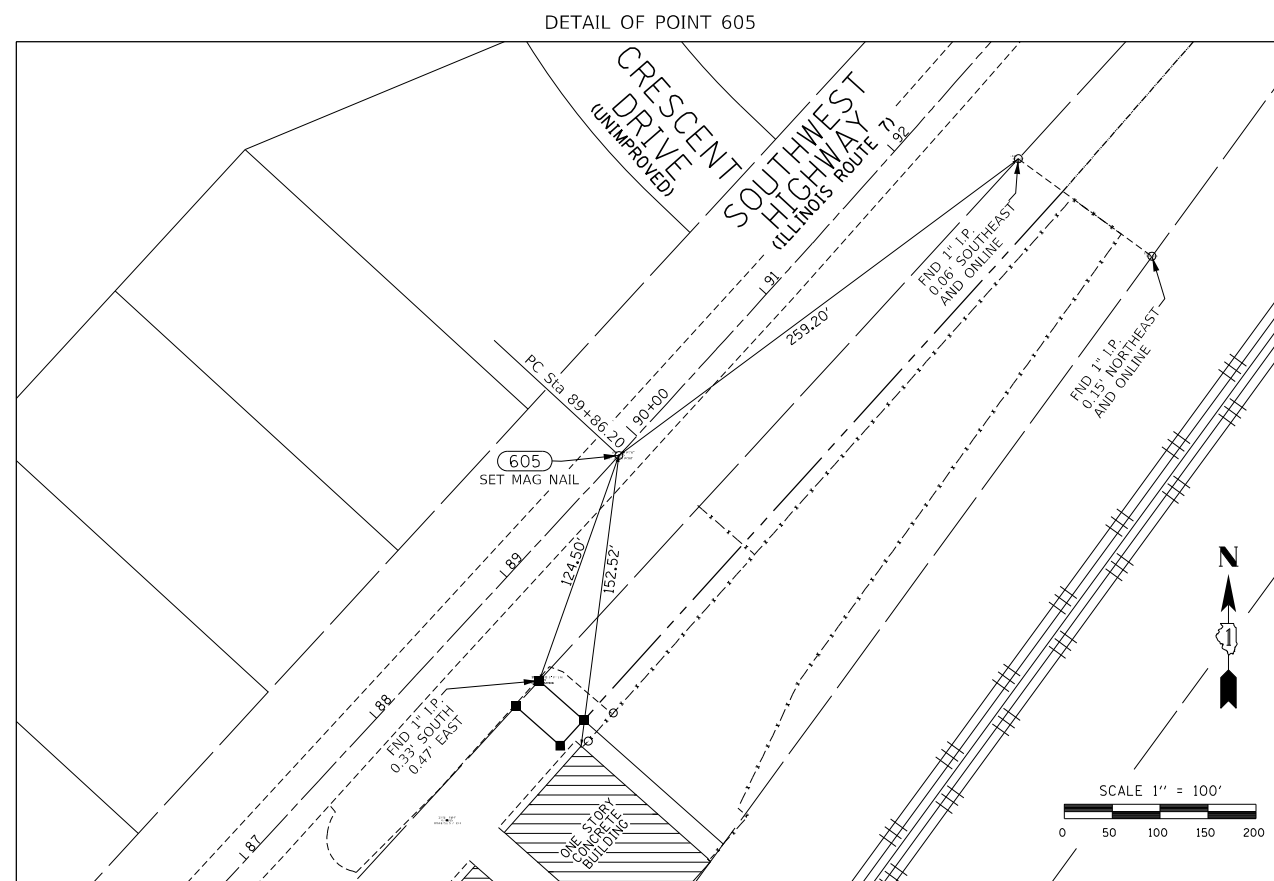
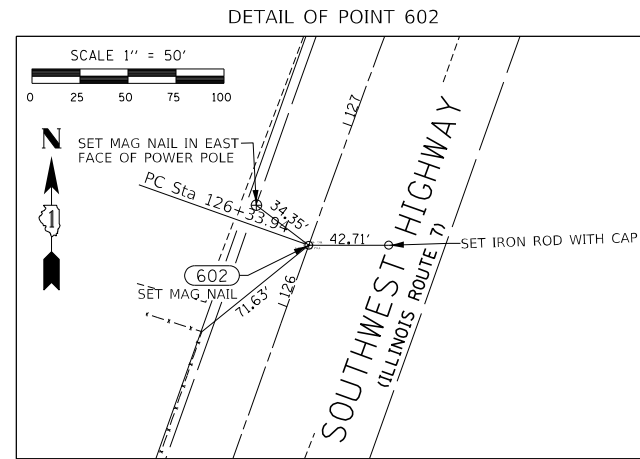
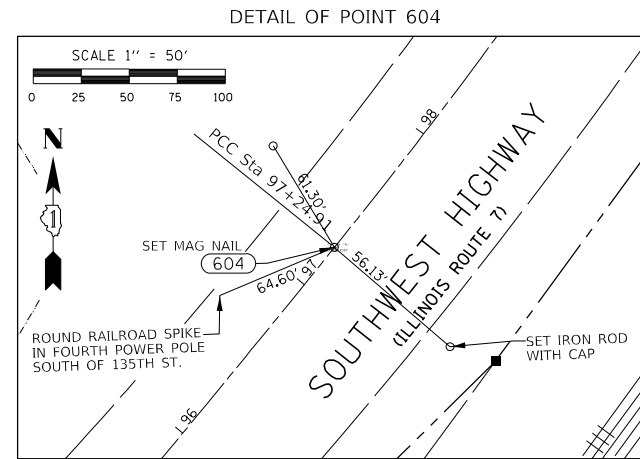
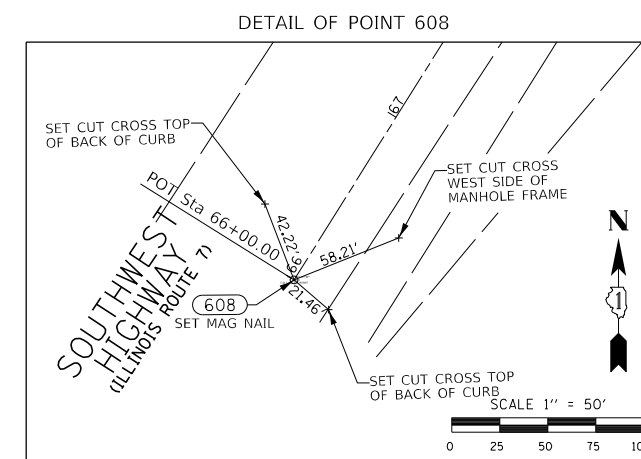
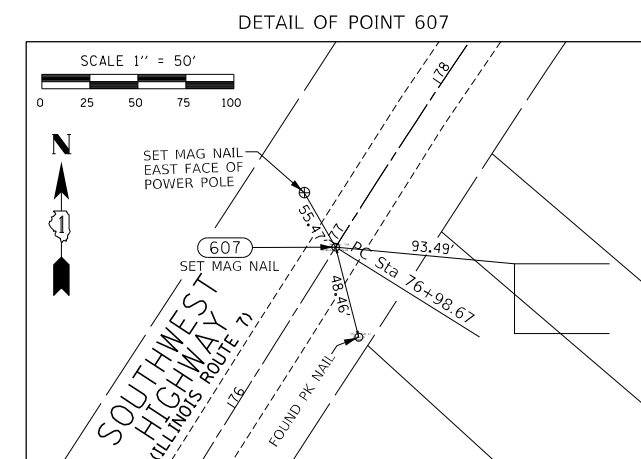
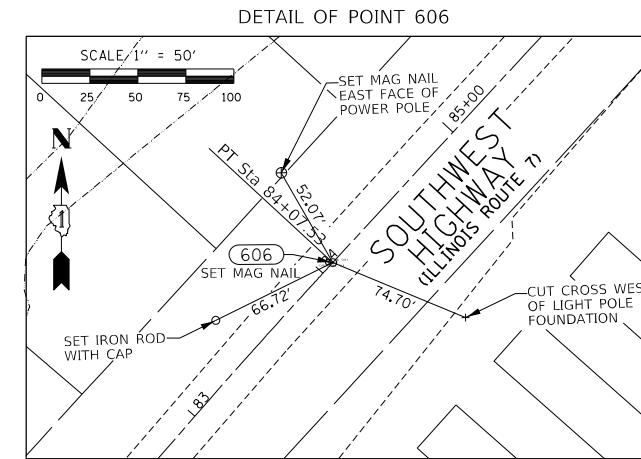


PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 7
 LIMITS: 131ST STREET TO 135TH STREET COUNTY: COOK
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BUREAU OF LAND ACQUISITION
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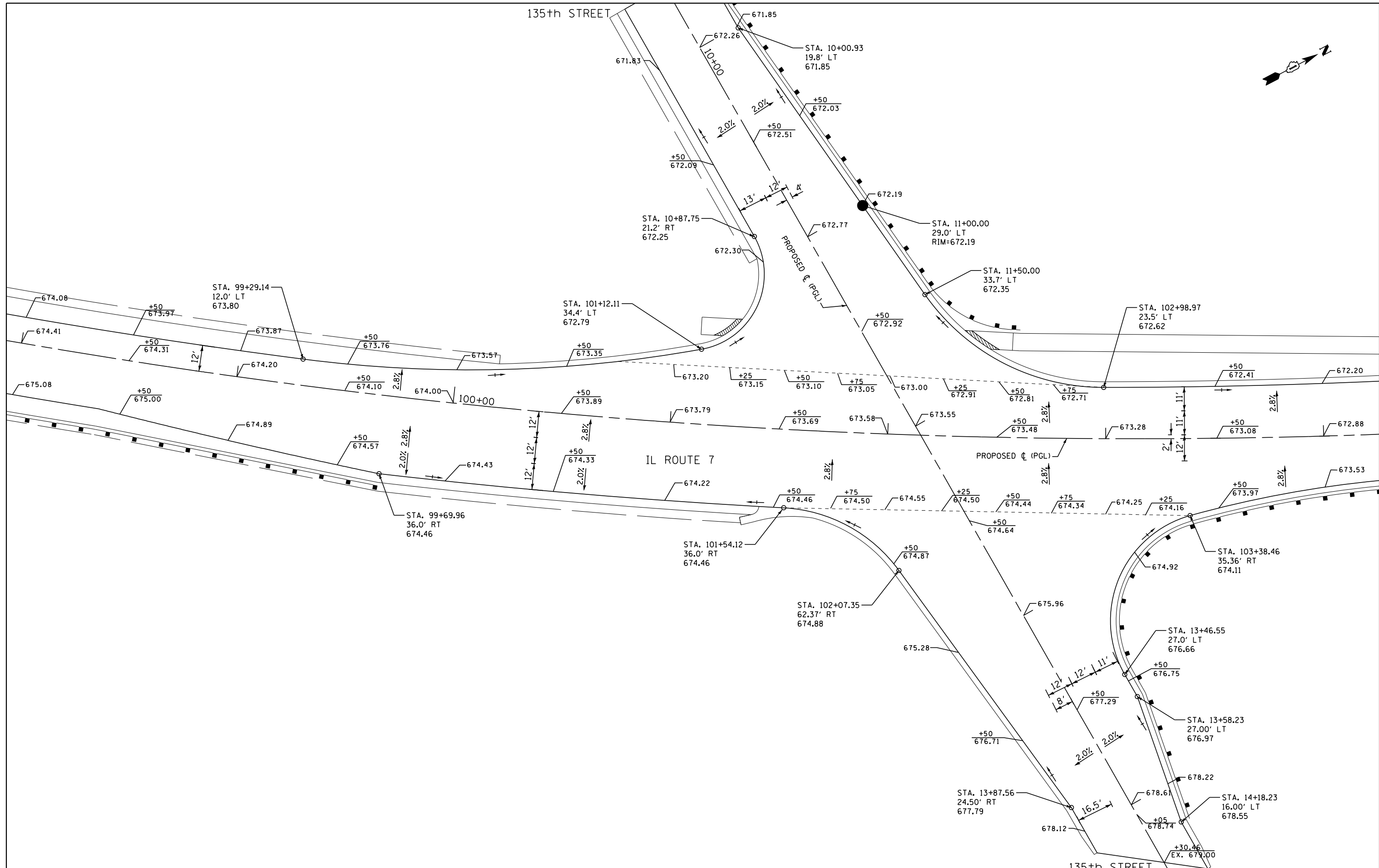
SHEET 99 OF 255
IDOT USE ONLY

APPROVED
 By William Wright at 2:27 pm, Aug 19, 2020



PROJECT STATION-OFFSET TABLE			
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)			
POINT #	PROPOSED IL ROUTE 7 BASE LINE		
	STATION	NORTHING	EASTING
602	126+33.94	1815939.553	1118656.409
604	97+24.91	1813273.577	1117528.163
605	89+86.20	1812714.570	1117045.455
606	84+07.53	1812289.331	1116652.987
607	76+98.67	1811726.834	1116223.302

REVISION DATE: REVISION MADE BY:



FILE NAME =	USER NAME = *USER*	DESIGNED - JY	REVISED -
FILEL		DRAWN - SMP	REVISED -
		CHECKED - BLG	REVISED -
MODELNAME	PLOT DATE = *DATE*	DATE - 12/09/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS
IL ROUTE 7 AND 135th STREET**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	2019-001-R	COOK	255	100
CONTRACT NO. 62H82				
ILLINOIS FED. AID PROJECT				