

002

04-24-2020 LETTING ITEM 002

FAU RTE 1381	SECTION 0101.1-DR-1	COUNTY COOK	TOTAL SHEETS 40	SHEET NO. 1
ILLINOIS			CONTRACT NO. 62F18	

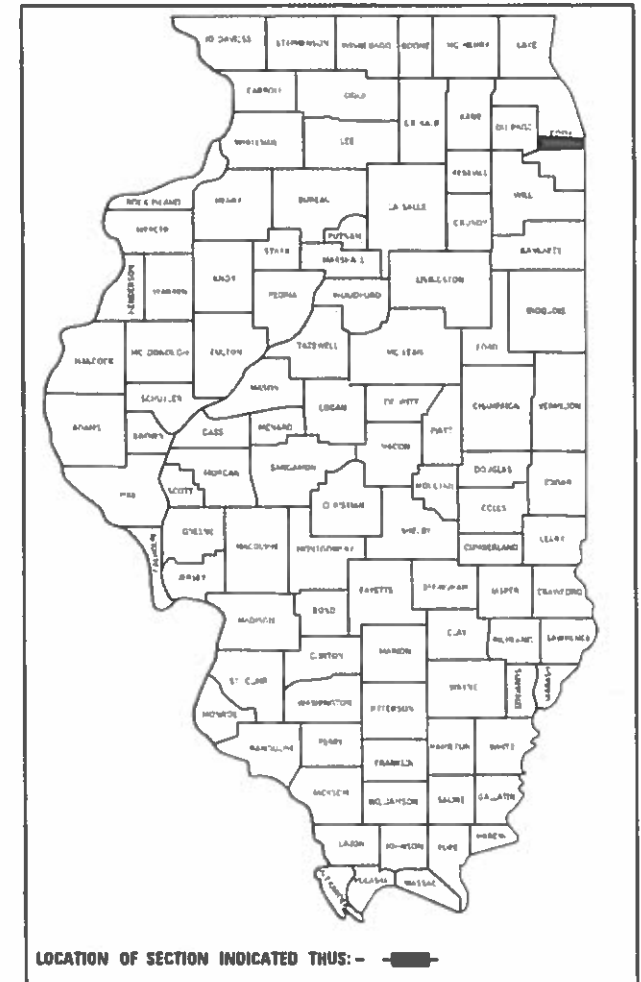
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PROPOSED
HIGHWAY PLANS**

ROUTE FAU 1381: FULLERTON AVENUE
SARAH STREET TO SILVER CREEK DRIVE
SECTION: 0101.1-DR-1

**DRAINAGE, ADA IMPROVEMENT
COOK COUNTY**

D-91-254-17



FOR INDEX OF SHEETS, SEE SHEET NO. 2

THIS PROJECT IS LOCATED IN THE
VILLAGE OF FRANKLIN PARK

TRAFFIC DATA:

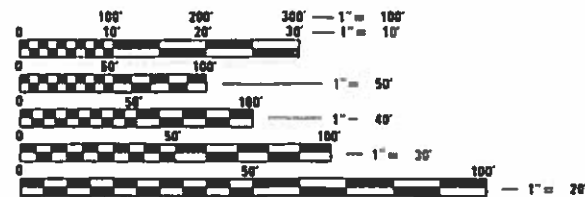
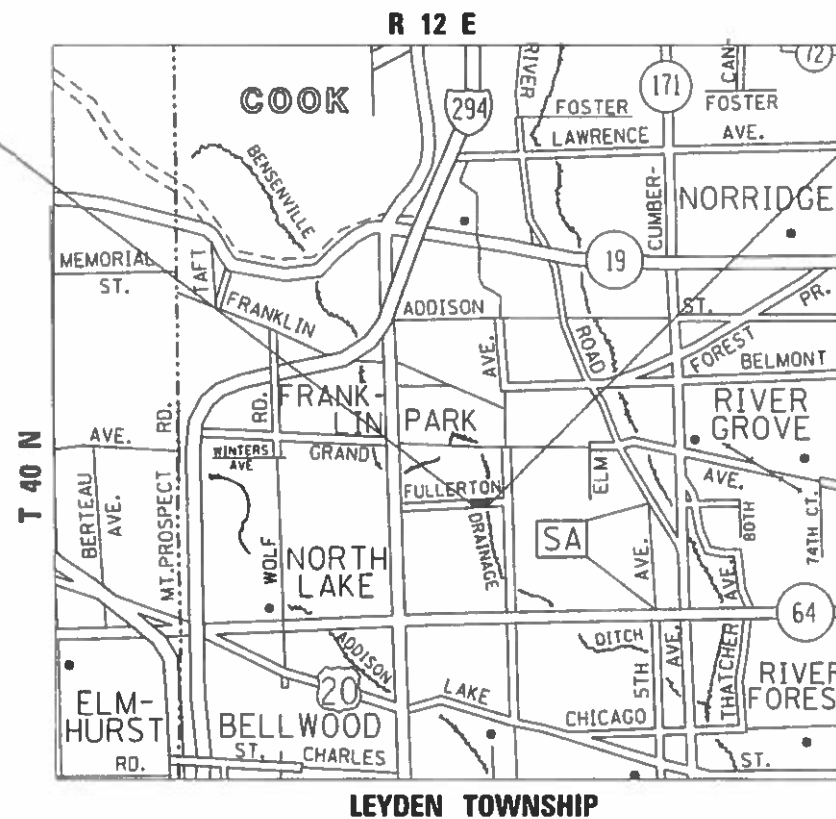
FULLERTON AVE:

ADT (2018) = 7450
SPEED LIMIT = 30 MPH

C-91-254-17

PROJECT BEGINS
STA 498+00

PROJECT ENDS
STA 518+25



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

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

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

GROSS & NET LENGTH = 2025 FT. = 0.384 MILES

CONTRACT NO. 62F18

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED February 4, 2020

Anthony J. Grogan REGIONAL ENGINEER
March 20, 2020

E.A. Elk
ENGINEER OF DESIGN AND ENVIRONMENT

March 20, 2020
James J. ...
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

**PRINTED BY THE AUTHORITY
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STATE STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424026-03	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
442101-09	CLASS B PATCHES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602001-02	CATCH BASIN TYPE A
602011-02	CATCH BASIN TYPE C
602401-05	PRECAST MANHOLE TYPE A 4' DIAMETER
602402-02	PRECAST MANHOLE TYPE A 5' DIAMETER
602701-02	MANHOLE STEPS
604036-03	GRATE TYPE 8
604001-04	FRAME AND LIDS TYPE 1
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES

GENERAL NOTES:

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.
2. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, VILLAGE OF FRANKLIN PARK, LEYDEN TOWNSHIP, AND COOK COUNTY.
3. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
4. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
5. 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.
6. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
7. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A, MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
8. THE RESIDENT ENGINEER SHALL CONTACT KYLIE VOGRIN, AREA TRAFFIC FIELD ENGINEER, AT KYLIE.VOGRIN@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
9. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
10. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
11. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS THAT WILL NOT BE REMOVED INCLUDING PREVIOUSLY SEEDED AREAS. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S OWN EXPENSE TO THE SATISFACTION OF THE ENGINEER.
12. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.
13. PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
14. FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
15. THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENT FIRM TO CONTINUOUSLY MONITOR FOR WORKER SAFETY AND SOIL CONTAMINATION AT SEVERAL LOCATIONS. SEE SPECIAL PROVISION AND SUPPLEMENTAL SPECIFICATIONS FOR DETAILS.
16. CONTACT THE IDOT ROADSIDE DEVELOPMENT UNIT AT 847-705-4171 AT LEAST 2 WEEKS PRIOR TO BEGINNING FORESTRY WORK FOR LAYOUT.
17. THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES 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 WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED 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.
18. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION
19. ALL CURB AND GUTTER REMOVAL AND REPLACEMENT, DRAINAGE ADJUSTMENTS, AND SIDEWALK REMOVAL AND REPLACEMENT WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.
20. TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER ITEMS OF WORK TO EXISTING CURBS AND GUTTER IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
21. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
22. THE CONTRACTOR IS RESPONSIBLE FOR STOCKPILING OFF SITE IF RIGHT OF WAY IS INSUFFICIENT FOR STOCKPILING ON SITE.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES
FULLERTON AVE. (SARAH ST. TO SILVER CREEK DR.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1381	0101.1-DR-1	COOK	40	2
CONTRACT NO. 62F18				
ILLINOIS		FED. AID PROJECT		

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE						
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005 100% STATE						CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005 100% STATE					
* 20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	29	29						* 28000500	INLET AND PIPE PROTECTION	EACH	8	8					
* 20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	85	85						* 28001100	TEMPORARY EROSION CONTROL BLANKET	SO YD	395	395					
* 20101000	TEMPORARY FENCE	FOOT	504	504						* 28100105	STONE RIPRAP, CLASS A3	SO YD	80	80					
20200100	EARTH EXCAVATION	CU YD	800	800						* 28200200	FILTER FABRIC	SO YD	80	80					
20800150	TRENCH BACKFILL	CU YD	96	96						30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	124	124					
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	869	869						35101800	AGGREGATE BASE COURSE, TYPE B 6"	SO YD	63	63					
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	44	44						35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SO YD	19	19					
21301072	EXPLORATION TRENCH 72" DEPTH	FOOT	100	100						35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SO YD	44	44					
* 25000210	SEEDING, CLASS 2A	ACRE	1	1						40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	142	142					
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	65	65						40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	43	43					
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	65	65						40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	8	8					
* 25100630	EROSION CONTROL BLANKET	SO YD	4795	4795						40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	28	28					
* 25200110	SODDING, SALT TOLERANT	SO YD	439	439						42001300	PROTECTIVE COAT	SO YD	132	132					
* 25200200	SUPPLEMENTAL WATERING	UNIT	53	53						42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	793	793					
* 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	108	108															
* 28000305	TEMPORARY DITCH CHECKS	FOOT	60	60															

* = SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
FULLERTON AVE. (SARAH ST. TO SILVER CREEK DR.)**
SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1381	0101.1-DR-1	COOK	40	3
CONTRACT NO. 62F18				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		0005 100% STATE					
42400800	DETECTABLE WARNINGS	SO FT	82	82					
44000100	PAVEMENT REMOVAL	SO YD	124	124					
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	63	63					
44000600	SIDEWALK REMOVAL	SO FT	793	793					
44200050	WELDED WIRE REINFORCEMENT	SO YD	124	124					
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SO YD	19	19					
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SO YD	168	168					
44201299	DOWEL BARS 1 1/2"	EACH	360	360					
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	80	80					
50105220	PIPE CULVERT REMOVAL	FOOT	519	519					
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	4	4					
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1	1					
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	3	3					
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	3	3					

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		0005 100% STATE					
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	32	32					
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	256	256					
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	242	242					
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	132	132					
550A4100	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	660	660					
60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1					
60203905	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	5					
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2					
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	710	710					
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	3	3					
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1					
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1					
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	30	30					

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
FULLERTON AVE. (SARAH ST. TO SILVER CREEK DR.)

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1381	0101.1-DR-1	COOK	40	4
CONTRACT NO. 62F18				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE						SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005						CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005					
				100% STATE										100% STATE					
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6						* X0900075	COFFERDAM (TYPE 1) (IN-STREAM/WETLAND WORK)	EACH	1	1					
67100100	MOBILIZATION	L SUM	1	1						X1200075	GRATING FOR CONCRETE FLARED END SECTION 18"	EACH	1	1					
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1						X2020110	GRADING AND SHAPING SHOULDERS	UNIT	32	32					
70102637	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	EACH	1	1						X2200020	FENCE REMOVAL AND REINSTALLATION	FOOT	16	16					
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1						X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	1	1					
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	1						X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	1	1					
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	2	2						X4023000	TEMPORARY ACCESS (ROAD)	EACH	3	3					
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	1						Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	130	130					
* 72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	2	2					* Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1						
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	46	46						Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	115.3	115.3					
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	306	306					∅ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500						
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	24	24															
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SO FT	366	366															

* = SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
FULLERTON AVE. (SARAH ST. TO SILVER CREEK DR.)			
SCALE: NONE	SHEET OF SHEETS	STA. TO STA.	

F.A.U. RTE. 1381	SECTION 0101.1-DR-1	COUNTY COOK	TOTAL SHEETS 40	SHEET NO. 5
CONTRACT NO. 62F18				
ILLINOIS FED. AID PROJECT				

EARTH WORK SCHEDULE

LOCATION			EARTH EXCAVATION (20200100)	EARTH EXCAVATION TO BE USED IN FILL (ADJUSTED FOR SHRINKAGE)	Fill	EARTH WORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION (EXISTING TOPSOIL) DEPTH = 8" (21101505)	TOPSOIL PLACEMENT (PROPOSED TOPSOIL) DEPTH = 8"	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)
FROM STATION	TO STATION	OFFSET	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
FULLERTON AVENUE									
498+00	498+50	LEFT	+6.7	+5.7	+1.4	+5.3	+20.6	+20.1	+0.5
498+50	499+00	LEFT	+16.8	+14.3	0.0	+16.8	+24.1	+23.5	+0.6
499+00	499+50	LEFT	+12.9	+11.0	+7.3	+5.7	+25.3	+24.8	+0.5
499+50	500+00	LEFT	+0.9	+0.7	+7.3	-6.4	+12.4	+12.2	+0.2
500+00	500+50	LEFT	+6.3	+5.3	0.0	+6.3	+11.5	+11.5	+0.1
500+50	501+00	LEFT	+11.7	+9.9	+0.7	+11.0	+23.5	+23.3	+0.2
501+00	501+50	LEFT	+8.7	+7.4	+1.1	+7.6	+23.5	+23.2	+0.4
501+50	502+00	LEFT	+10.0	+8.5	+0.4	+9.6	+21.6	+21.2	+0.4
502+00	502+50	LEFT	+8.9	+7.5	+1.3	+7.5	+21.0	+20.6	+0.3
502+50	503+00	LEFT	+3.9	+3.3	+5.0	-1.2	+22.1	+21.6	+0.5
503+00	503+50	LEFT	+4.3	+3.6	+6.6	-2.4	+22.5	+21.9	+0.6
503+50	504+00	LEFT	+5.3	+4.5	+5.0	+0.3	+22.9	+22.4	+0.5
504+00	504+50	LEFT	+4.2	+3.5	+6.2	-2.0	+23.1	+22.6	+0.5
504+50	505+00	LEFT	+2.8	+2.4	+10.6	-7.8	+23.3	+22.7	+0.6
505+00	505+50	LEFT	+4.1	+3.5	+12.7	-8.6	+24.0	+23.4	+0.7
505+50	506+00	LEFT	+7.2	+6.2	+11.1	-3.9	+25.4	+24.7	+0.7
506+00	506+50	LEFT	+7.2	+6.1	+10.5	-3.3	+25.1	+24.4	+0.6
506+50	507+00	LEFT	+2.6	+2.2	+6.8	-4.2	+13.0	+11.7	+1.3
507+00	507+50	LEFT	0.0	0.0	+1.1	-1.1	+1.0	0.0	+1.0
507+50	508+00	LEFT	+5.7	+4.9	+0.3	+5.4	+12.2	+11.8	+0.4
508+00	508+50	LEFT	+16.8	+14.3	+4.6	+12.2	+26.1	+25.4	+0.8
508+50	509+00	LEFT	+26.1	+22.2	+4.3	+21.8	+25.5	+25.1	+0.4
509+00	509+50	LEFT	+30.6	+26.0	+0.0	+30.6	+23.7	+23.6	+0.1
509+50	510+00	LEFT	+15.7	+13.3	+0.0	+15.7	+12.1	+12.0	+0.1
510+00	510+50	LEFT	0.0	0.0	0.0	0.0	0.0	0.0	0.0
510+50	511+00	LEFT	+33.2	+28.2	0.0	+33.2	+17.1	+16.8	+0.2
511+00	511+50	LEFT	+71.5	+60.7	0.0	+71.5	+33.8	+33.3	+0.5
511+50	512+00	LEFT	+66.9	+56.9	0.0	+66.9	+33.2	+32.7	+0.5
512+00	512+50	LEFT	+60.9	+51.7	0.0	+60.9	+33.3	+32.7	+0.6
512+50	513+00	LEFT	+53.1	+45.1	0.0	+53.1	+32.3	+31.7	+0.6
513+00	513+50	LEFT	+40.0	+34.0	0.0	+40.0	+29.7	+29.2	+0.5
513+50	514+00	LEFT	+37.9	+32.2	0.0	+37.9	+28.5	+28.0	+0.5
514+00	514+50	LEFT	+36.0	+30.6	0.0	+36.0	+27.7	+27.3	+0.5
514+50	515+00	LEFT	+35.8	+30.5	0.0	+35.8	+26.4	+25.9	+0.6
515+00	515+50	LEFT	+39.8	+33.9	0.0	+39.8	+25.8	+25.1	+0.7
515+50	516+00	LEFT	+46.5	+39.6	0.0	+46.5	+26.2	+25.5	+0.7
516+00	516+50	LEFT	+25.3	+21.5	0.0	+25.3	+13.4	+13.0	+0.4
516+50	517+00	LEFT	0.0	0.0	+0.1	-0.1	+5.5	+5.5	+0.0
517+00	517+50	LEFT	+11.6	+9.9	+2.6	+9.0	+27.9	+27.1	+0.8
517+50	518+00	LEFT	+11.6	+9.9	+2.6	+9.1	+22.4	+21.6	+0.8
518+00	518+25	LEFT	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL =			+790	+671	+110	+680	+869	+849	+20

RECOMMENDED TOPSOIL STRIPPING DEPTH = 8-INCHES
 STRIPPED TOPSOIL TO BE STORED EITHER WITHIN CONTRACT'S LIMITS OR OFF SITE AND THEN PLACED AGAIN FOR LANDSCAPING PURPOSES ONCE ALL CONSTRUCTION IS COMPLETED.
 COLUMN 1: LOCATION FROM PLAN
 COLUMN 2: QUANTITIES OF EARTH EXCAVATION (CUT) FROM CROSS SECTIONS, WHICH DOES NOT INCLUDE UNSUITABLE MATERIAL AND/OR TOPSOIL
 COLUMN 3: QUANTITIES OF EARTH EXCAVATION (CUT) ADJUSTED FOR A SHRINKAGE FACTOR OF 15%
 COLUMN 4: QUANTITIES OF EMBANKMENT (FILL) FROM CROSS SECTIONS
 COLUMN 5: EARTHWORK REQUIRED (COLUMN 3 MINUS COLUMN 4)
 (+) = QUANTITY TO BE WASTED
 (-) = QUANTITY OF EMBANKMENT (FILL) NEEDED
 COLUMN 6: QUANTITIES OF EXISTING TOPSOIL FROM CROSS SECTIONS, TO BE PAID FOR AS "TOPSOIL EXCAVATION AND PLACEMENT". QUANTITIES ARE NOT INCLUDED IN EARTH EXCAVATION OR EMBANKMENT
 COLUMN 7: QUANTITIES OF TOPSOIL NEEDED FOR LANDSCAPING FROM CROSS SECTIONS
 COLUMN 8: TOPSOIL REQUIRED (COLUMN 7 MINUS COLUMN 8)
 (+) = QUANTITY OF TOPSOIL TO BE WASTED
 (-) = QUANTITY OF FURNISHED TOPSOIL NEEDED

EARTHWORK SCHEDULE OF QUANTITIES - SUMMARY				
CODE No.	ITEM	UNIT	TOTAL	FULLERTON AVENUE LEFT
20200100	EARTH EXCAVATION	CU YD	790	790
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	869	869

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 PROJECT: \\snp\baronon.dwg
 PLOT DATE: 2/7/2020

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	DRAWN -	REVISED -
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PLOT DATE = 2/7/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FULLERTON AVE. (SARAH ST. TO SILVER CREEK DR.) SCHEDULE OF QUANTITIES - EARTHWORK	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1381	0101.1-DR-1	COOK	40	6
CONTRACT NO. 62F18				
ILLINOIS FED. AID PROJECT				

STORM SEWER SCHEDULE

PIPE NUMBER	ALIGNMENT	PIPE TYPE	DIAMETER	LENGTH*	SLOPE	UPSTREAM	DOWNSTREAM	UPSTREAM	DOWNSTREAM	TBF
			(IN)	(FT)	(%)	STRUCTURE	STRUCTURE	INVERT	INVERT	(CU YD)
10	FULLERTON AVE	STORM SEWER, CLASS A, TYPE 1	18	30.53	0.33	10	11	637.78	637.68	
11	FULLERTON AVE	STORM SEWER, CLASS A, TYPE 1	18	225.62	0.44	11	12	637.68	636.69	7.8
12	FULLERTON AVE	STORM SEWER, CLASS A, TYPE 1	12	7.77	0.39	13	12	636.75	636.72	
12A	FULLERTON AVE	STORM SEWER, CLASS A, TYPE 1	12	17.54	4.73	13A	13	637.58	636.75	
13	FULLERTON AVE	STORM SEWER, CLASS A, TYPE 1	24 EQV.	184.86	0.32	12	14	636.69	636.09	
14	FULLERTON AVE	STORM SEWER, CLASS A, TYPE 1	12	1.53	6.54	15	14	638.30	638.20	
15	FULLERTON AVE	STORM SEWER, CLASS A, TYPE 1	24 EQV.	195.00	0.31	14	16	636.09	635.49	
16	FULLERTON AVE	STORM SEWER, CLASS A, TYPE 1	12	1.57	63.69	17	16	638.30	637.30	
17	FULLERTON AVE	STORM SEWER, CLASS A, TYPE 1	24 EQV.	279.99	0.35	16	18	635.49	634.50	30.6
18	FULLERTON AVE	STORM SEWER, CLASS A, TYPE 1	12	2.02	49.50	19	18	637.50	636.50	
19	FULLERTON AVE	STORM SEWER, CLASS A, TYPE 1	24	84.06	0.32	18	20	634.50	634.23	
20	FULLERTON AVE	STORM SEWER, CLASS A, TYPE 2	24	132.00	0.36	20	21	634.23	633.75	24.6
21	FULLERTON AVE	STORM SEWER, CLASS A, TYPE 1	24	104.09	0.74	22	23	630.15	629.38	17.0
22	FULLERTON AVE	STORM SEWER, CLASS A, TYPE 1	12	2.02	10.89	24	23	630.60	630.38	
22A	FULLERTON AVE	STORM SEWER, CLASS A, TYPE 1	24	28.22	0.71	23	24A	629.38	629.18	
23	FULLERTON AVE	STORM SEWER, CLASS A, TYPE 1	24	26.01	0.69	24A	25	629.18	629.00	15.6
									TOTAL	96

STRUCTURES SCHEDULE

STRUCTURE NUMBER	LOCATION			STRUCTURE TYPE				RIM ELEVATION	INVERTS				
	ALIGNMENT	STATION	OFFSET										
10	FULLERTON AVE	499+25.52	32.92' LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS		18"		GRATING ON FLARED END			18" (E) = 637.78		
11	FULLERTON AVE	499+57.02	24.89' LT	CATCH BASIN		TYPE A	4'-DIA	FRAME TYPE 1	CLOSED LID	641.24	18" (W) = 637.68	18" (E) = 637.68	
12	FULLERTON AVE	501+87.17	24.89' LT	CATCH BASIN		TYPE A	5'-DIA	FRAME TYPE 1	CLOSED LID	640.85	18" (W) = 636.69	12" (N) = 636.72	24" EQV (E) = 636.69
13	FULLERTON AVE	501+87.17	36.17' LT	CATCH BASIN		TYPE C	2'-DIA	GRATE TYPE 8		638.33		12" (S) = 636.75	12" (N) = 636.75
13A	FULLERTON AVE	501+87.17	55.71' LT	CATCH BASIN		TYPE C	2'-DIA	GRATE TYPE 8		639.66		12" (S) = 637.58	
14	FULLERTON AVE	503+77.02	24.89' LT	CATCH BASIN		TYPE A	5'-DIA	FRAME TYPE 1	CLOSED LID	641.10	24" EQV (W) = 636.09	12" (N) = 638.20	24" EQV (E) = 636.09
15	FULLERTON AVE	503+77.02	28.88' LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS		12"						12" (S) = 638.30	
16	FULLERTON AVE	505+77.02	24.89' LT	CATCH BASIN		TYPE A	5'-DIA	FRAME TYPE 1	CLOSED LID	640.22	24" EQV (W) = 635.49	12" (N) = 637.30	24" EQV (E) = 635.49
17	FULLERTON AVE	505+77.04	28.96' LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS		12"						12" (S) = 638.30	
18	FULLERTON AVE	508+62.02	24.89' LT	CATCH BASIN		TYPE A	5'-DIA	FRAME TYPE 1	CLOSED LID	639.06	24" EQV (W) = 634.50	12" (N) = 636.50	24" (E) = 634.50
19	FULLERTON AVE	508+62.02	29.42' LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS		12"						12" (S) = 637.50	
20	FULLERTON AVE	509+50.00	35.00' LT	MANHOLE		TYPE A	4'-DIA	FRAME TYPE 1	CLOSED LID	638.55	24" (W) = 634.23		24" (E) = 634.23
21	FULLERTON AVE	510+83.97	37.93' LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS		24"		GRATING ON FLARED END			24" (W) = 633.75		
22	FULLERTON AVE	516+43.62	35.96' LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS		24"		GRATING ON FLARED END					24" (E) = 630.15
23	FULLERTON AVE	517+50.04	33.10' LT	CATCH BASIN		TYPE A	5'-DIA	FRAME TYPE 1	CLOSED LID	633.08	24" (W) = 629.38	12" (N) = 630.38	24" (E) = 629.38
24	FULLERTON AVE	517+50.04	37.54' LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS		12"						12" (S) = 630.60	
24A	FULLERTON AVE	517+81.65	41.94' LT	MANHOLE		TYPE A	4'-DIA	FRAME TYPE 1	CLOSED LID	634.11	24" (W) = 629.18		24" (E) = 629.18
25	FULLERTON AVE	518+09.67	41.41' LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS		24"		GRATING ON FLARED END			24" (W) = 629.00		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FULLERTON AVE. (SARAH ST. TO SILVER CREEK DR.)
SCHEDULE OF QUANTITIES - DRAINAGE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1381	0101.1-DR-1	COOK	40	7
CONTRACT NO. 62F18				
ILLINOIS		FED. AID PROJECT		

CURB RAMP SCHEDULE

LOCATION		20200100	21101615	25000400	25000600	25200110	25200200	42001300	42400200	42400800	44000600	Z0004562
CROSS STREET	CORNER	EARTH EXCAVATION	TOPSOIL FURNISH AND PLACE, 4"	NITROGEN FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	SODDING, SALT TOLERANT	SUPPLEMENTAL WATERING	PROTECTIVE COAT	PORTLAND CEMENT CONCRETE SIDEWALK, 5INCH	DETECTABLE WARNINGS	SIDEWALK REMOVAL	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
		CU YD	SQ YD	POUND	POUND	SQ YD	UNIT	SQ YD	SQ FT	SQ FT	SQ FT	FOOT
SARAH ST	NW	1.1	4.8	0.06	0.06	4.8	0.05	16.8	113	10	113	13
SARAH ST	NE	1.1	4.8	0.06	0.06	4.8	0.05	16.4	109	10	109	13
SCOTT ST	NW	2.2	18	0.22	0.22	18	0.18	37.2	221	20	221	38
SCOTT ST	NE	1.8	8.3	0.1	0.1	8.3	0.08	37.1	175	32	175	53
SCOTT ST	SW	1.8	8	0.1	0.1	8	0.08	23.8	175	10	175	13
TOTAL		8	44	0.54	0.54	44	1	132	793	82	793	130

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FULLERTON AVE. (SARAH ST. TO SILVER CREEK DR.)
SCHEDULE OF QUANTITIES - CURB RAMPS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1381	0101.1-DR-1	COOK	40	8
CONTRACT NO. 62F18			ILLINOIS FED. AID PROJECT	

AGGREGATE WEDGE SHOULDER, TYPE B SCHEDULE

48102100 AGGREGATE WEDGE SHOULDER, TYPE B						
LOCATION				LENGTH (FT)	VOLUME (CU YD)	
FULLERTON AVE (EAST BOUND)						
STA.	498+00	TO	499+88.6	189	4.7	
	500+11.6	TO	507+11.5	700	17.5	
	507+60.5	TO	509+21.8	161	4.0	
	511+06.9	TO	516+41.4	535	13.4	
	517+33.2	TO	517+81.5	48	1.2	
FULLERTON AVE (WEST BOUND)						
STA.	498+00	TO	499+06.3	106	2.7	
	499+25.6	TO	501+21.3	196	4.9	
	501+49.2	TO	501+63.5	14	0.4	
	501+90.5	TO	503+56.5	166	4.2	
	503+92.9	TO	504+34.2	41	1.0	
	504+58.3	TO	505+17.7	59	1.5	
	505+39.6	TO	506+98.1	159	4.0	
	507+25.9	TO	509+57.7	232	5.8	
	511+06.7	TO	514+09.1	302	7.6	
	514+61.8	TO	515+33.9	72	1.8	
	515+55.9	TO	516+56.	100	2.5	
	516+83.1	TO	517+13.7	31	0.8	
	517+51.6	TO	518+25.	73	1.8	
TOTAL				3185	80	

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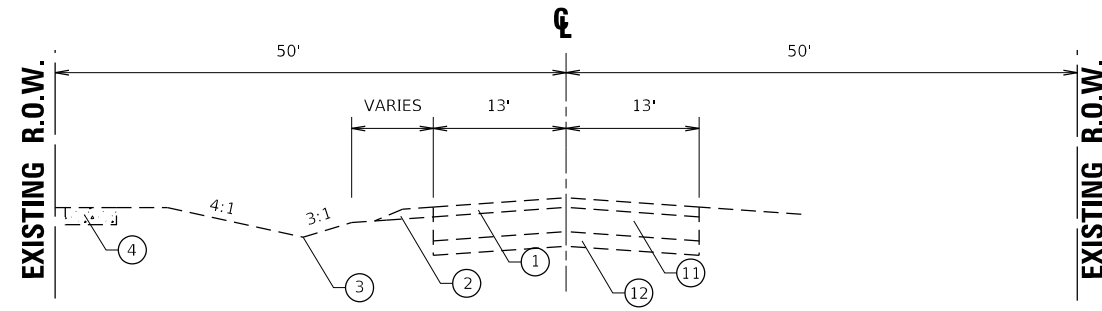
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FULLERTON AVE. (SARAH ST. TO SILVER CREEK DR.)
SCHEDULE OF QUANTITIES - AGGREGATE WEDGE SHOULDER

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CONTRACT NO. 62F18	
		ILLINOIS	FED. AID PROJECT	

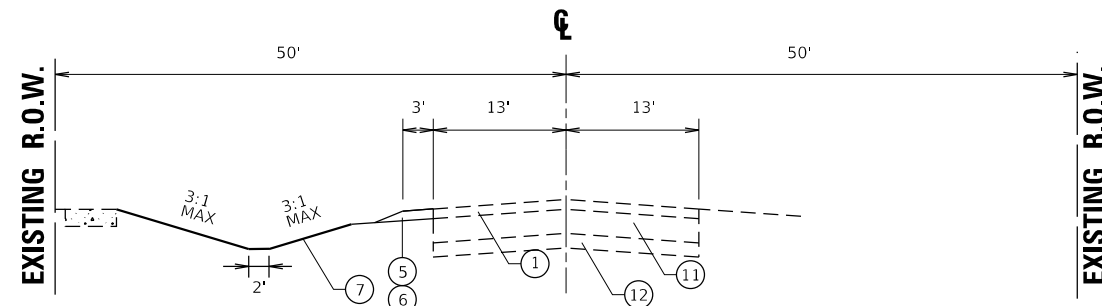


STA. 498+00 - 499+75
 STA. 501+08 - 508+85
 STA. 510+89 - 516+48
 STA. 517+13 - 517+75

**TYPICAL EXISTING CROSS SECTION 1
 FULLERTON AVENUE**

LEGEND

- ① EXISTING HMA PAVEMENT, 4"
- ② EXISTING AGGREGATE SHOULDER
- ③ EXISTING DITCH / GROUND LINE
- ④ EXISTING PCC SIDEWALK
- ⑤ PROPOSED GRADING AND SHAPING SHOULDERS
- ⑥ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑦ PROPOSED DITCH / GROUND LINE
- ⑧ EXISTING CULVERT
- ⑨ PROPOSED CULVERT / STORM SEWER
- ⑩ PAVEMENT REMOVAL
- ⑪ EXISTING P.C.C PAVEMENT, 10"
- ⑫ EXISTING SUB-BASE GRANULAR MATERIAL
- ⑬ PROPOSED HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 4"
- ⑭ PROPOSED PCC CLASS B PATCHES, 10"
- ⑮ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ⑯ PROPOSED TRENCH BACKFILL
- ⑰ AGGREGATE BASE COURSE TYPE B, 6"



STA. 498+00 - 499+23
 STA. 501+96 - 506+85
 STA. 511+45 - 516+40

**TYPICAL PROPOSED CROSS SECTION 1
 FULLERTON AVENUE**

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE	AIR VOIDS @ Ndes	
PAVEMENT RESTORATION		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL 9.5, N70, 4", PLACED OVER CONCRETE CLASS B PATCHES (2 LIFTS)	4% AT 70 GYR	QC/QA
HMA DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL 9.5, N50, 2"	4% AT 50 GYR.	QC/QA
HOT-MIX ASPHALT BASE COURSE, 6" (HOT-MIX ASPHALT BINDER IL-19 mm)	4% AT 50 GYR.	QC/QA
HOT-MIX ASPHALT BASE COURSE, 8" (HOT-MIX ASPHALT BINDER IL-19 mm)	4% AT 50 GYR.	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP)		

- NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
- NOTE 2: THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.
- NOTE 3: QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

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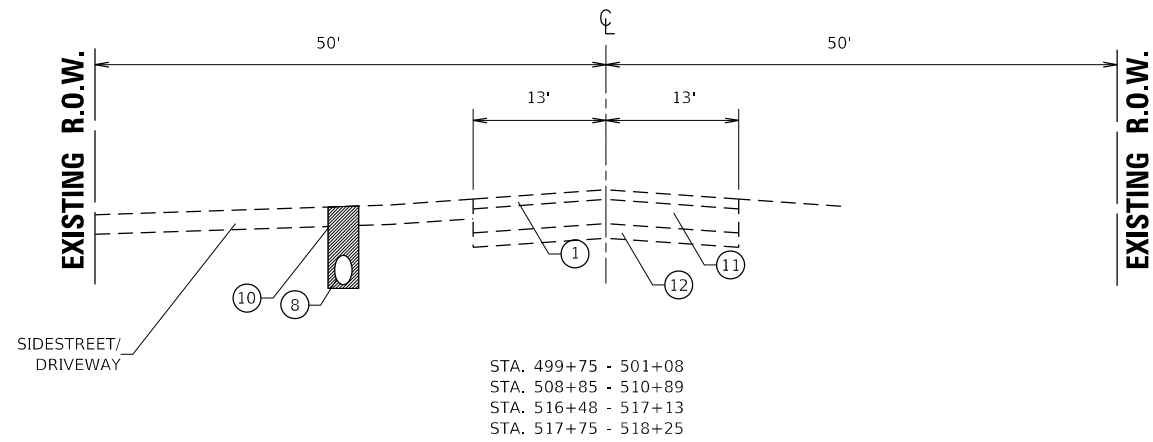
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FULLERTON AVE. (SARAH ST. TO SILVER CREEK DR.)
 TYPICAL SECTIONS**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

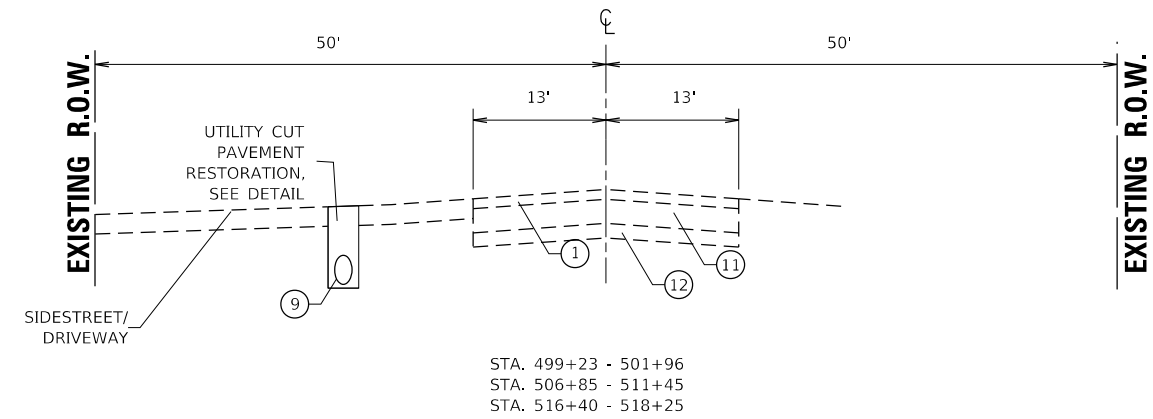
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1381	0101.1-DR-1	COOK	40	10
CONTRACT NO. 62F18				
ILLINOIS FED. AID PROJECT				



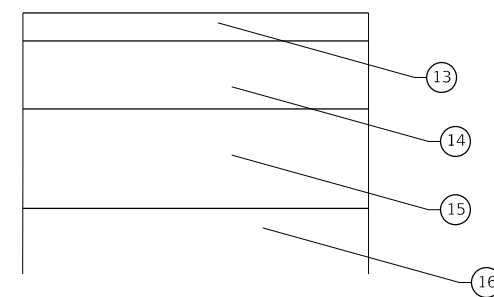
**TYPICAL EXISTING CROSS SECTION 2
FULLERTON AVENUE**

LEGEND

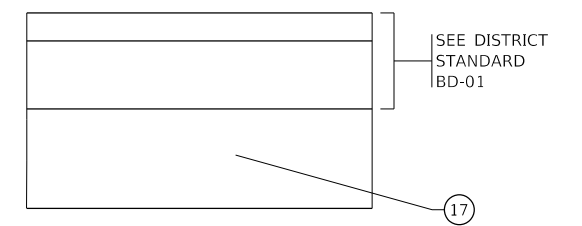
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- ② EXISTING AGGREGATE SHOULDER
- ③ EXISTING DITCH / GROUND LINE
- ④ EXISTING PCC SIDEWALK
- ⑤ PROPOSED GRADING AND SHAPING SHOULDERS
- ⑥ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑦ PROPOSED DITCH / GROUND LINE
- ⑧ EXISTING CULVERT
- ⑨ PROPOSED CULVERT / STORM SEWER
- ⑩ PAVEMENT REMOVAL
- ⑪ EXISTING P.C.C PAVEMENT, 10"
- ⑫ EXISTING SUB-BASE GRANULAR MATERIAL
- ⑬ PROPOSED HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 4"
- ⑭ PROPOSED PCC CLASS B PATCHES, 10"
- ⑮ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ⑯ PROPOSED TRENCH BACKFILL
- ⑰ AGGREGATE BASE COURSE TYPE B, 6"



**TYPICAL PROPOSED CROSS SECTION 2
FULLERTON AVENUE**



**UTILITY CUT PAVEMENT RESTORATION
DETAIL**



**HMA DRIVEWAY RESTORATION
DETAIL**

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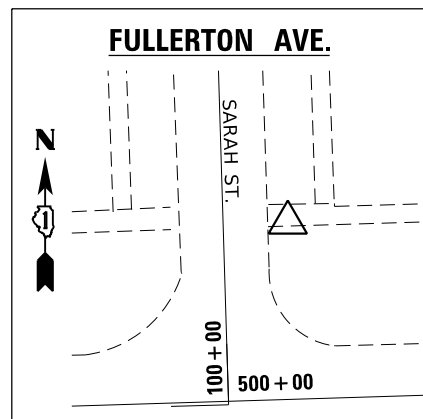
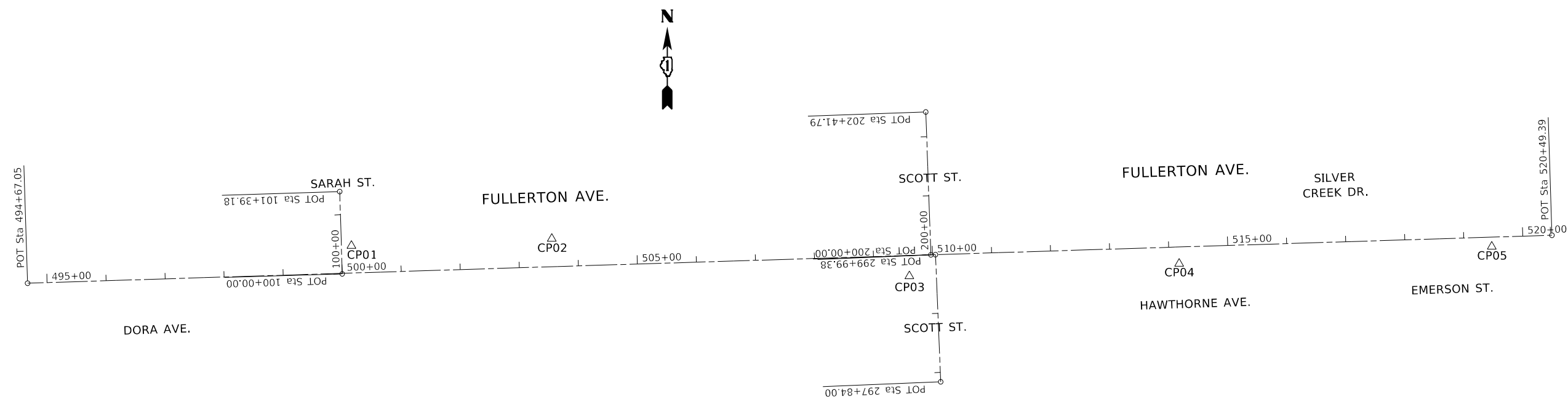
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PLOT DATE = 2/7/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FULLERTON AVE. (SARAH ST. TO SILVER CREEK DR.)
TYPICAL SECTIONS**

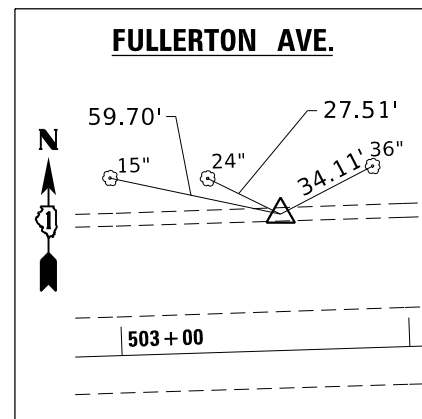
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1381	0101.1-DR-1	COOK	40	11
CONTRACT NO. 62F18				
ILLINOIS FED. AID PROJECT				



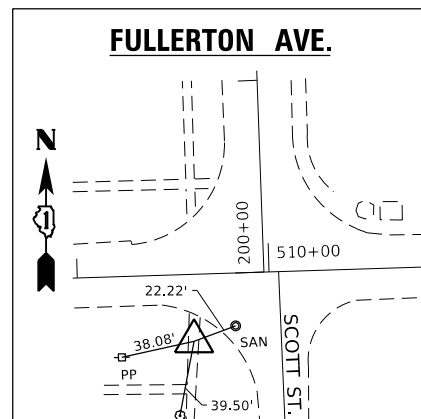
CONTROL POINT #1

NO TIE INFORMATION
 AVAILABLE
 STA. 500+16.93, 46.05 L
 N=1914561.1780
 E=1108102.5711
 ELEV.=639.6937



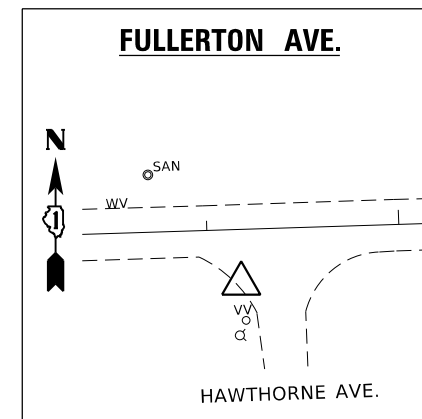
CONTROL POINT #2

PK NAIL
 STA. 503+56.60, 47.31 L
 N=1914573.1034
 E=1108442.0413
 ELEV.=639.9731



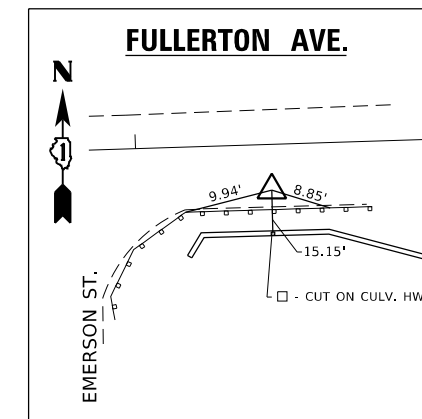
CONTROL POINT #3

PK NAIL
 STA. 509+59.75, 34.88 R
 N=1914509.9003
 E=1109047.4742
 ELEV.=638.9849



CONTROL POINT #4

NO TIE INFORMATION
 AVAILABLE
 STA. 514+17.04, 1 R
 N=1914530.9414
 E=1109504.3326
 ELEV.=635.7248



CONTROL POINT #5

PK NAIL
 STA. 519+46.85, 15.89 R
 N=1914559.8981
 E=1110033.4887
 ELEV.=636.9805

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	DRAWN -	REVISED -
PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/7/2020	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENTS, TIES AND BENCHMARKS
 FULLERTON AVE. (SARAH ST. TO SILVER CREEK DR.)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1381	0101.1-DR-1	COOK	40	12
CONTRACT NO. 62F18				
ILLINOIS FED. AID PROJECT				

BENCHMARK #0144

ELEV. = 643.66

DISK SET IN CONC. RETAINING WALL
FOR SILVER CREEK

BENCHMARK #1

ELEV. = 636.233

- CUT ON CENTER OF
SOUTH H.W. OVER SILVER
CREEK ±100' EAST OF
EMERSON ST.

BENCHMARK #2

ELEV. = 640.728

- CUT FOUND ON N.E.RLY
SIDE OF CONC. SIGN BASE
FOR GOVIN PARK SIGN.

ROUTE	POINT	NORTHING	EASTING	STATION
FULLERTON AVE	100	1914497.8743	1107554.4140	494+67.05
	101	1914513.7387	1108087.1269	500+00.00
	102	1914547.4406	1109083.8121	509+97.25
	103	1914545.9573	1914545.9573	509+97.31
	104	1914546.1993	1109091.6231	510+05.02
	105	1914578.9978	1110135.4747	520+49.39
	106	1914330.9984	1109100.4666	510+07.10
	107	1914787.5887	1109075.2184	509+96.21
	108	1914652.8558	1108082.8609	500+00.10

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	DRAWN -	REVISED -
PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/7/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENTS, TIES AND BENCHMARKS
FULLERTON AVE. (SARAH ST. TO SILVER CREEK DR.)**

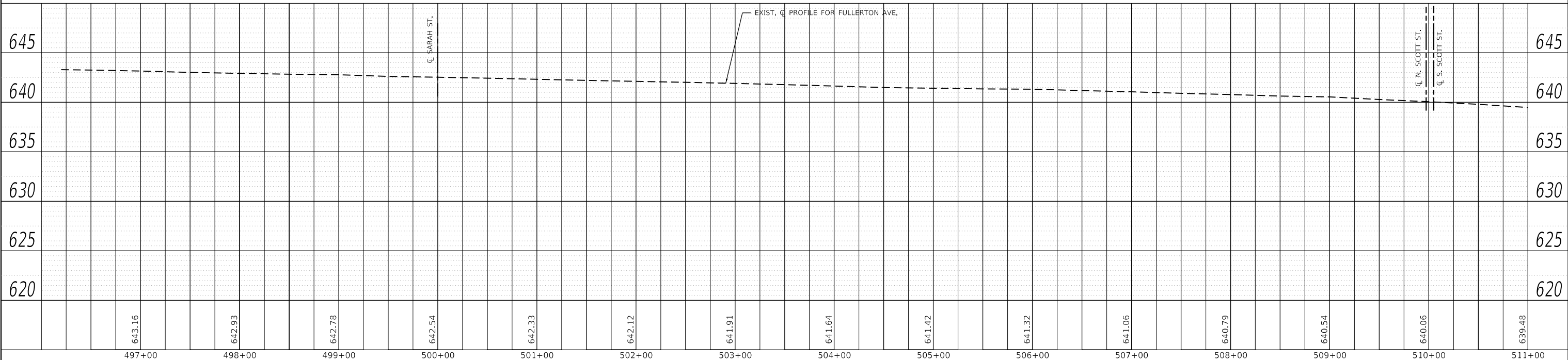
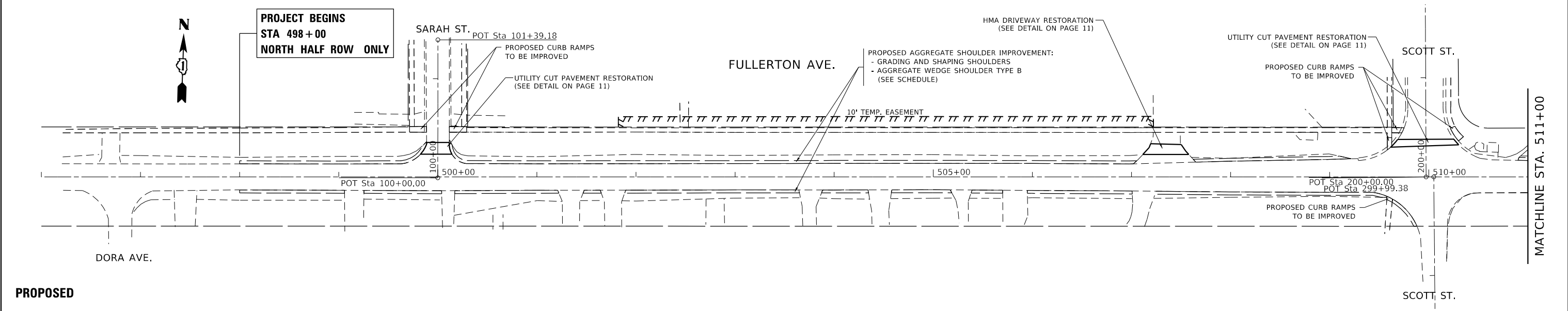
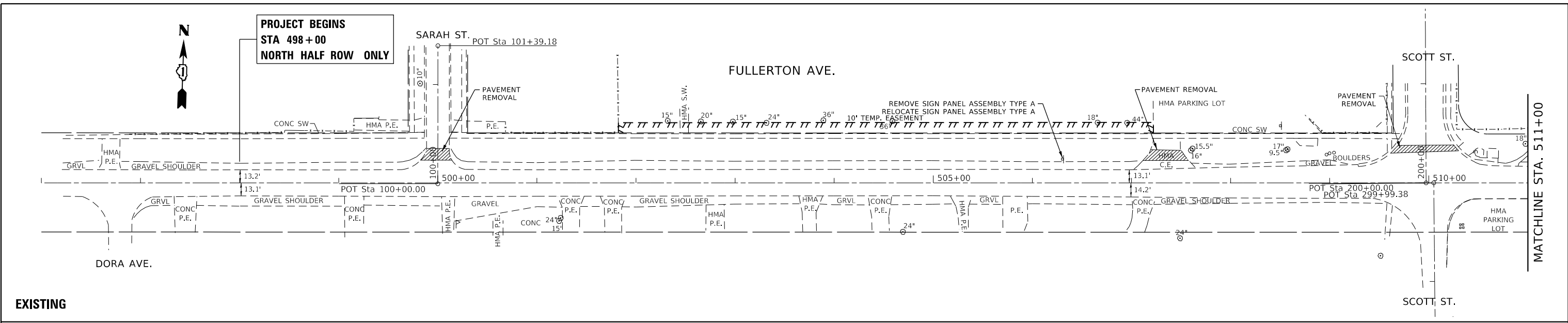
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1381	0101.1-DR-1	COOK	40	13
CONTRACT NO. 62F18			ILLINOIS FED. AID PROJECT	

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

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

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USER NAME = elkhatabaj	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 2/7/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

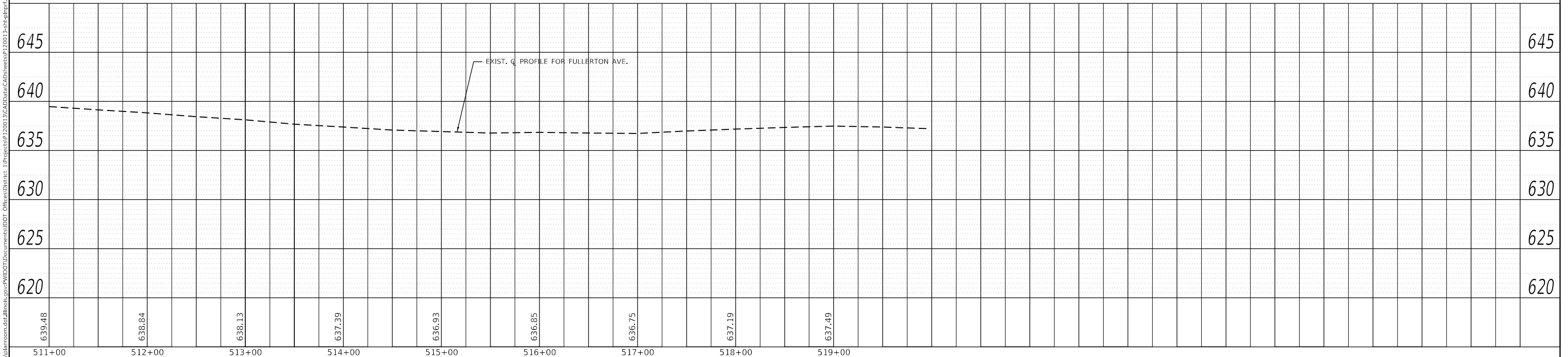
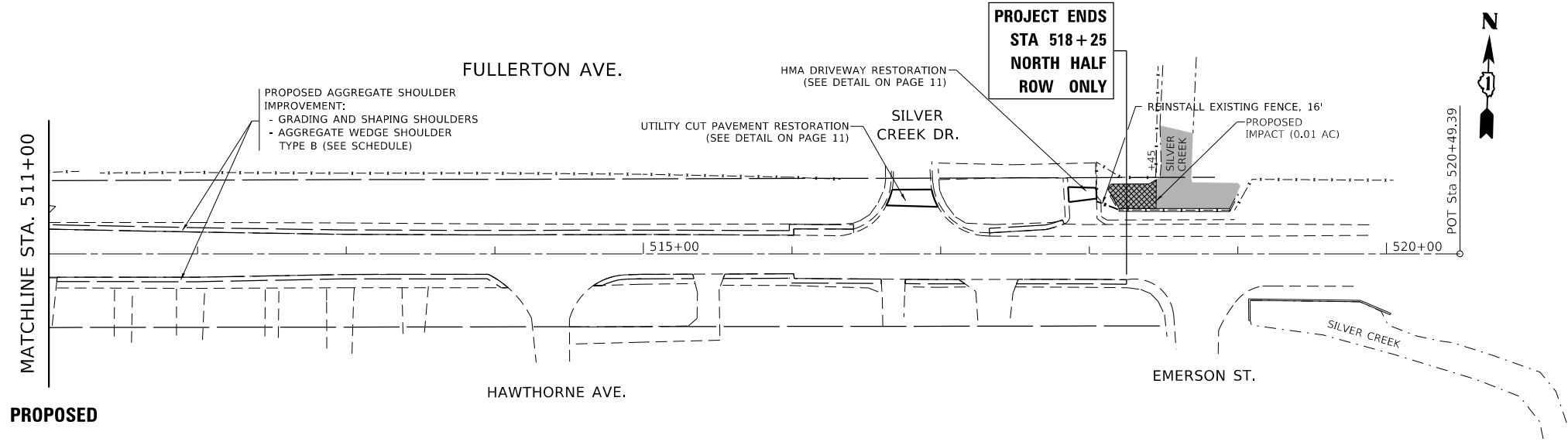
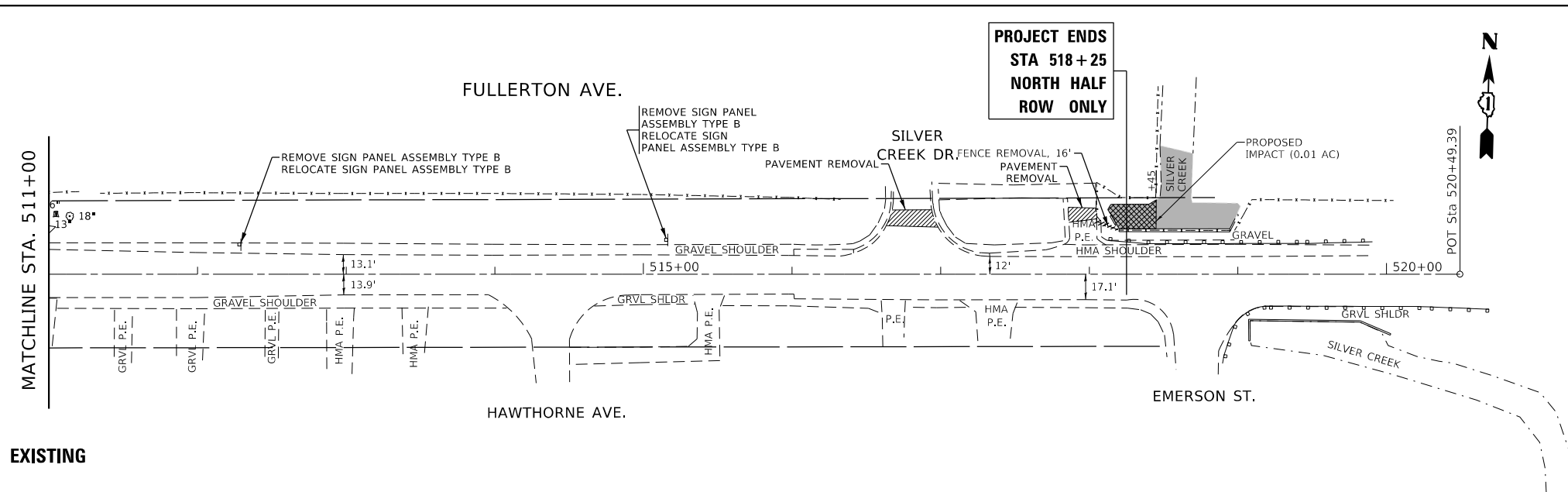
ROADWAY PLAN AND PROFILE
FULLERTON AVE. (SARAH ST. TO SILVER CREEK DR.)

SCALE: 1"= 50'H 5"V SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1381	0101.1-DR-1	COOK	40	14
CONTRACT NO. 62F18				
ILLINOIS FED. AID PROJECT				

PLAN	DATE
SURVEYED	
PLOTTED	
ALIGNED CHECKED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
NO.	

PROFILE	DATE
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
NO.	



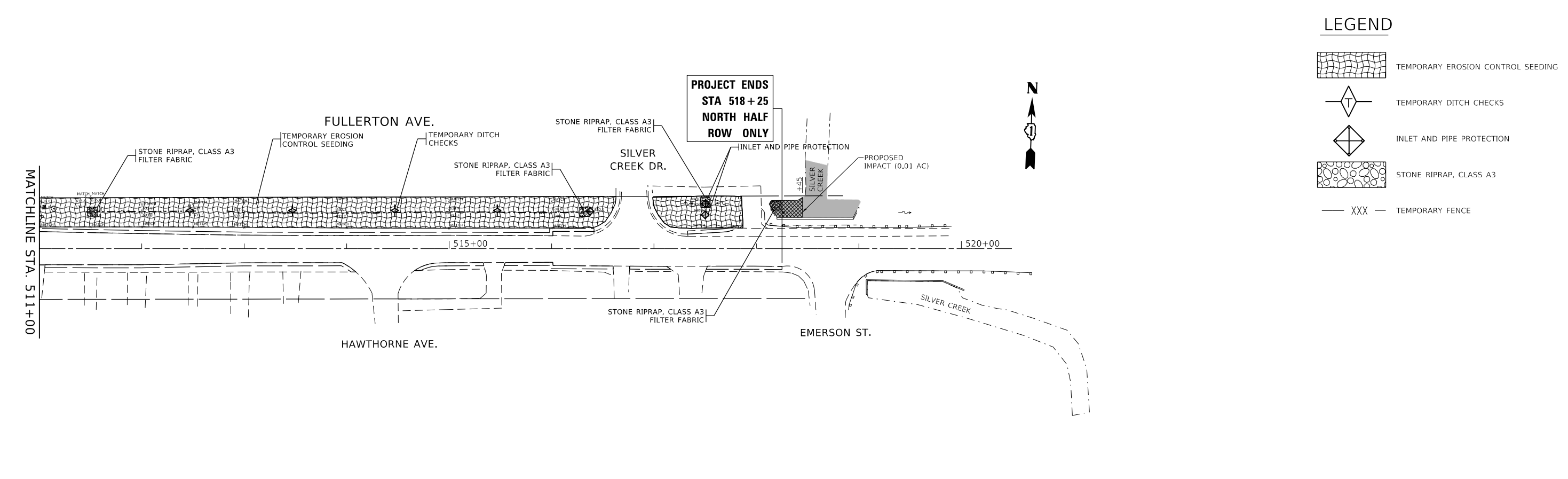
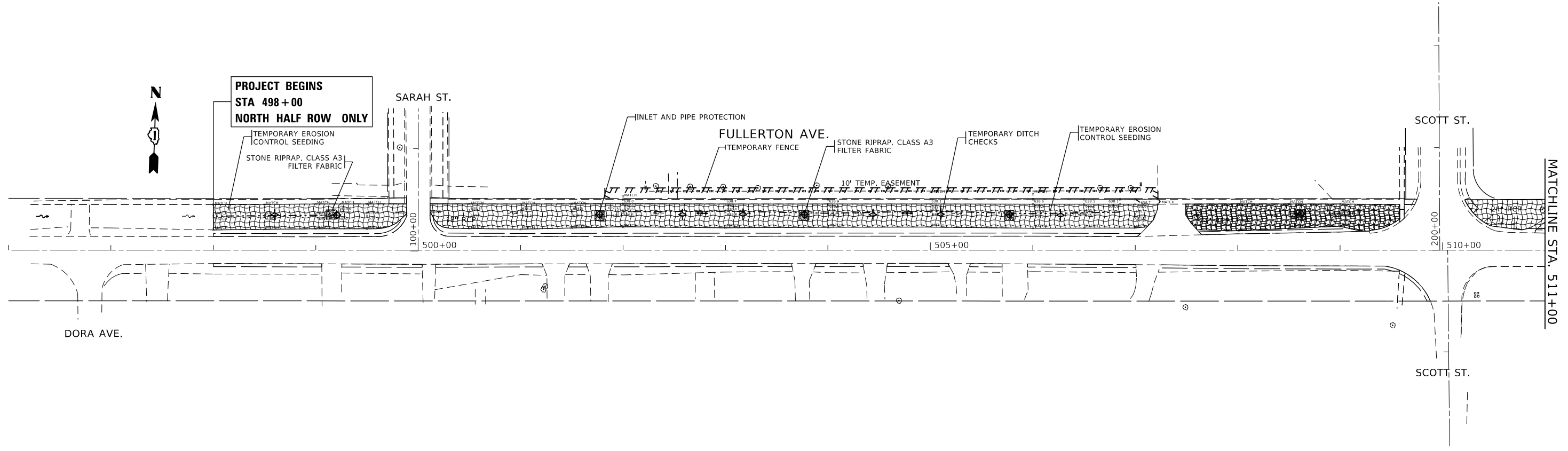
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PLOT DATE = 2/7/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN AND PROFILE				
FULLERTON AVE. (SARAH ST. TO SILVER CREEK DR.)				
SCALE: 1"= 50'H 5'V	SHEET	OF SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1381	0101.1-DR-1	COOK	40	15
CONTRACT NO. 62F18				
ILLINOIS FED. AID PROJECT				

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LEGEND

	TEMPORARY EROSION CONTROL SEEDING
	TEMPORARY DITCH CHECKS
	INLET AND PIPE PROTECTION
	STONE RIPRAP, CLASS A3
	XXX TEMPORARY FENCE

MODEL: Default
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USER NAME = elkhatibaj	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/7/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN
FULLERTON AVE. (SARAH ST. TO SILVER CREEK DR.)**

SCALE: 1" = 50'

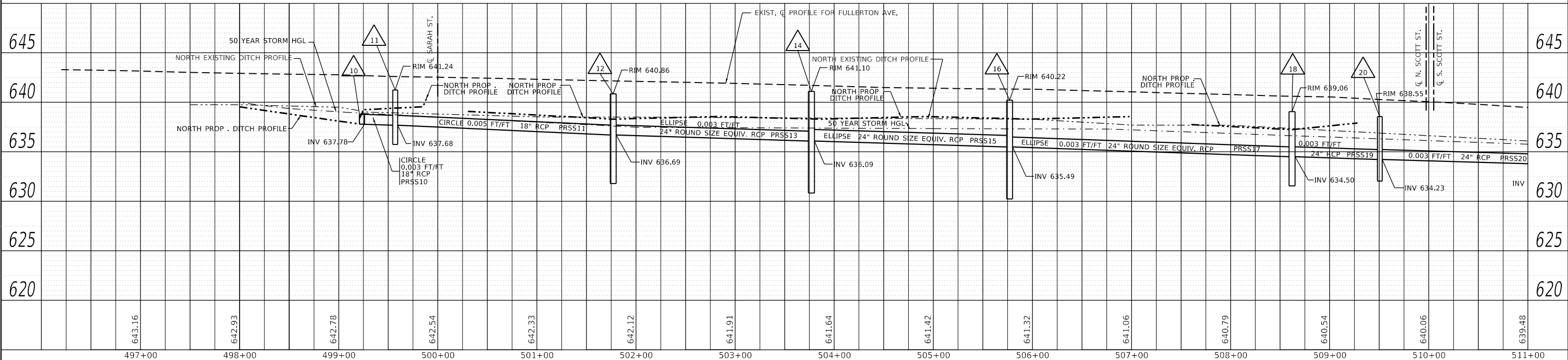
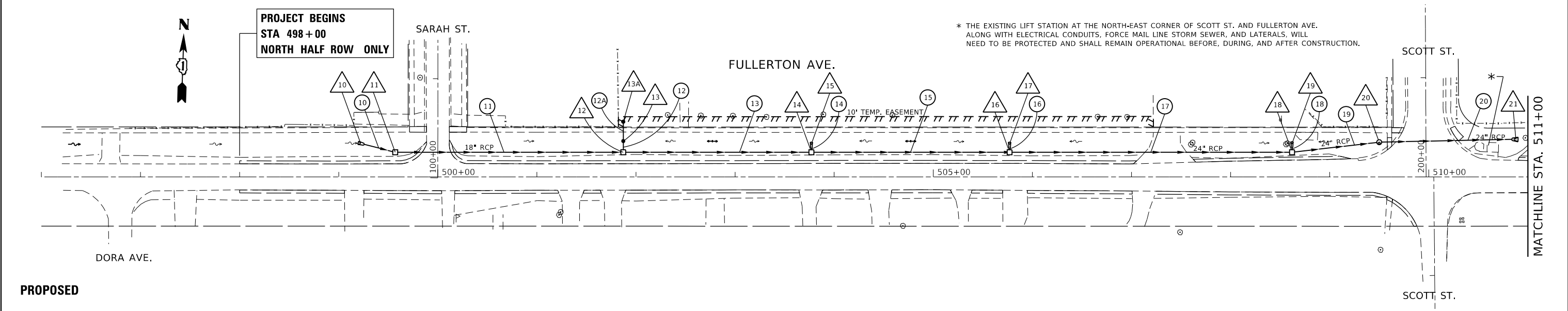
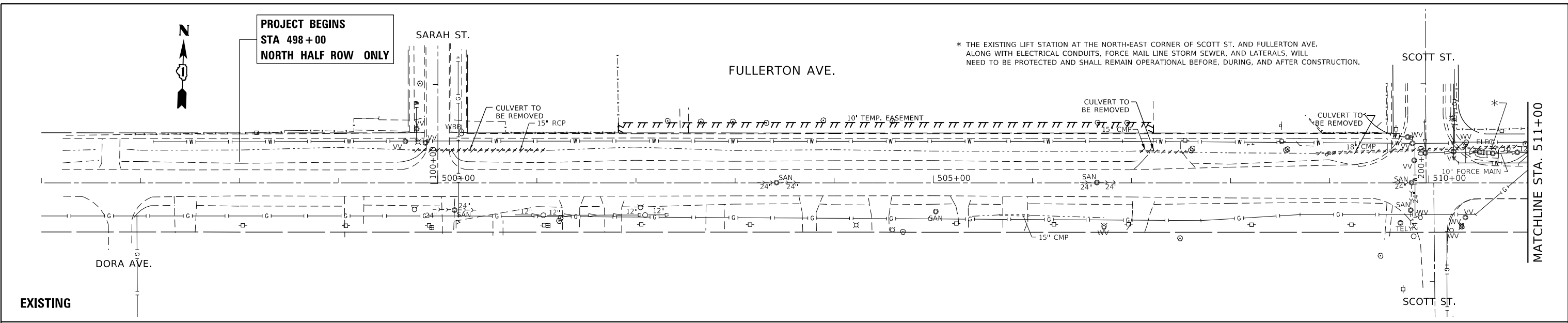
SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1381	0101.1-DR-1	COOK	40	16
CONTRACT NO. 62F18				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
ALIGNED	
CHECKED	
NOTE BOOK NO.	
STRUCTURE NOTATION	
FILE NAME	

DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATION	
FILE NAME	

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USER NAME	= elkhatabaj	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
PLOT SCALE	= 100.0000' / in.	CHECKED	-	REVISED	-
PLOT DATE	= 2/7/2020	DATE	-	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITIES PLAN AND PROFILE
 FULLERTON AVE. (SARAH ST. TO SILVER CREEK DR.)**

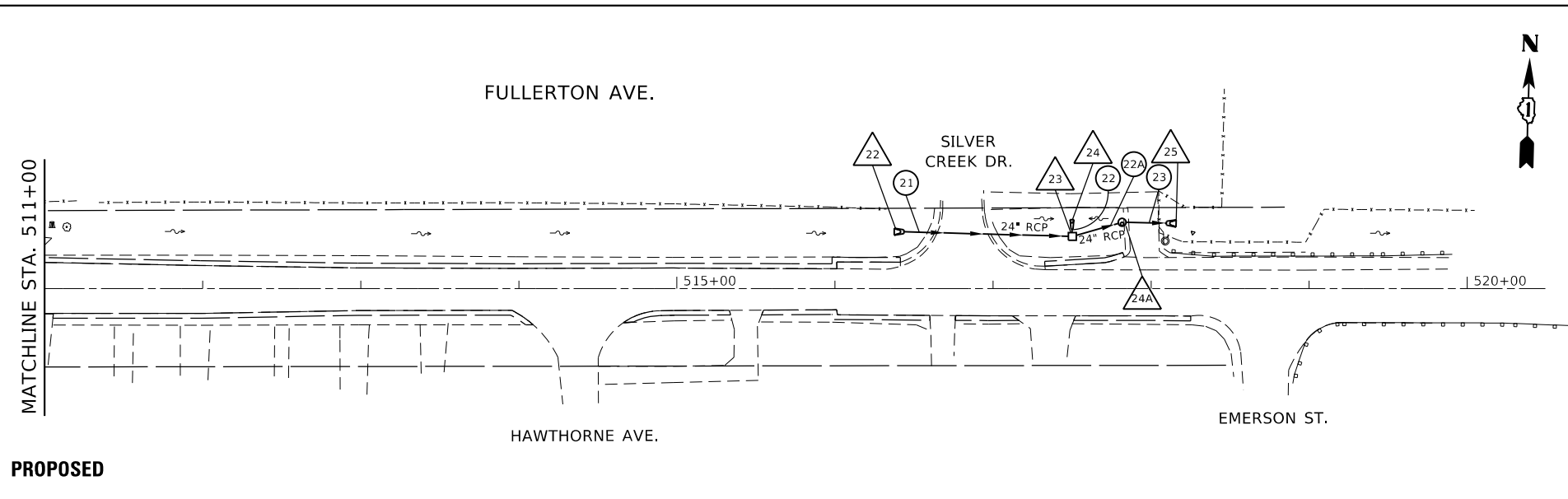
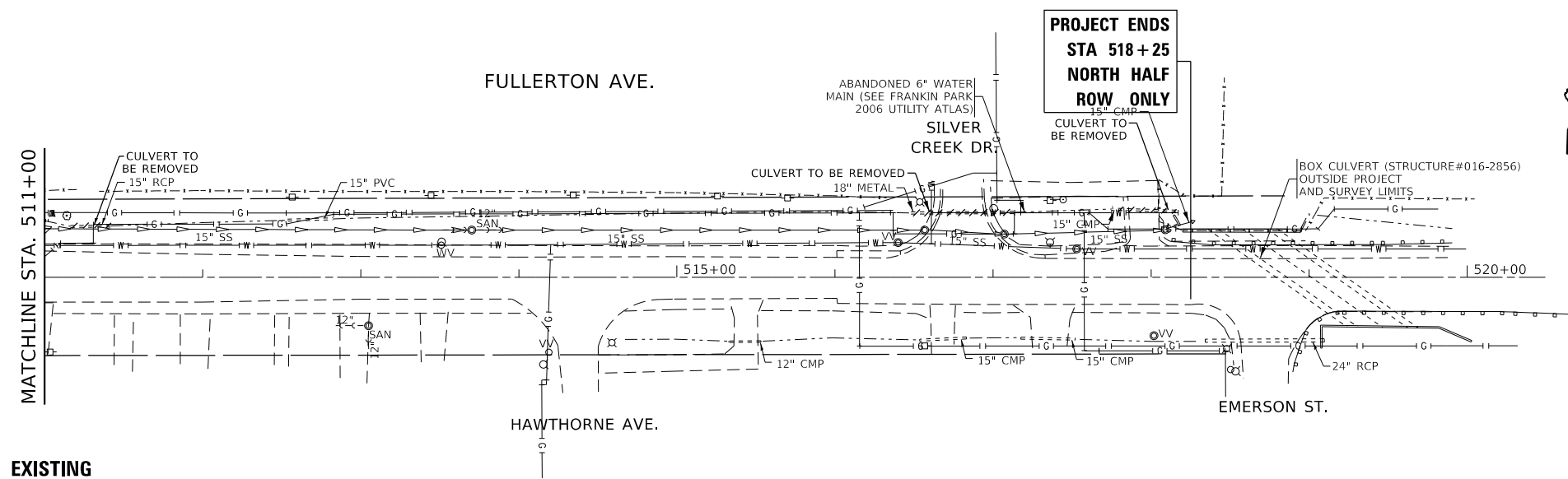
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1381	0101.1-DR-1	COOK	40	17
CONTRACT NO. 62F18				
ILLINOIS FED. AID PROJECT				

SCALE: 1"= 50'H 5'V SHEET OF SHEETS STA. TO STA.

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

DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
NOTE BOOK NO.	
FILE NAME	

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WATERWAY INFORMATION TABLE

FIS Model

Route: Fullerton Ave S.N.: 016-1060
 Section: 33 S.N.: 016-1060
 County: Cook Waterway: Silver Creek
 Date: 6/11/2010 Prepared By: Renee Wilde Checked by: Cory Horton

Drainage Area = 8.91 mi ²		Exist. Low Grade Elevation: 637.0 ft @ Sta. 110+83							
		Prop. Low Grade Elevation: 637.1 ft @ Sta. 110+83							
	Freq. Yr.	Q ft ³ /s	Opening - ft ²		Head - ft.		Headwater Elev.		
			Exist.*	Prop.*	Exist.	Prop.	Exist.	Prop.	
Design	10	425	153	224	634.29	0.13	0.10	634.42	634.39
Base	50	645	158	253	635.42	0.35	0.14	635.77	635.56
Overtopping**	100-500	887	158	253	636.52/636.83	0.45	0.29	636.97	637.12
Max. Calc.	500	1005	158	253	636.94	0.38	0.30	637.32	637.24

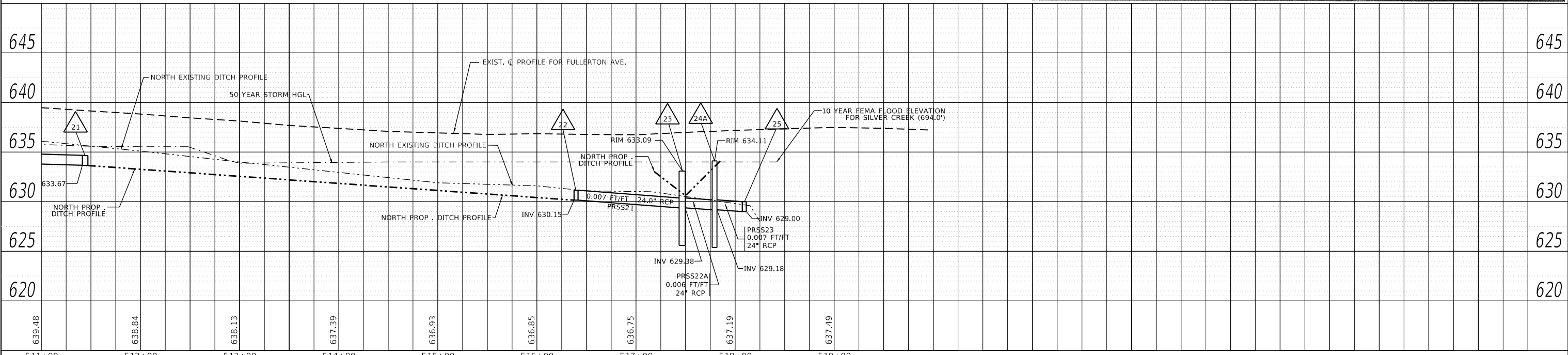
10 Year Velocity through Existing Bridge = 2.8 fps 10 Year Velocity through Proposed Bridge = 1.9 fps

ALL-TIME H.W.E. & DATE: 635.75, March 1948

SCOPE OF WORK: Culvert replacement
Datum: Highway (IDOT) Datum

EXISTING STRUCTURE	PROPOSED STRUCTURE
TYPE: 2-celled reinforced concrete box culvert	TYPE: 2-celled reinforced concrete box culvert, 2 flanking culverts
LENGTH: 105.0	LENGTH: 105.0
SPANS: 2 @ 10' x 12' (H x W)	SPANS: 2 @ 10' x 12' and 2 @ 5' x 8' (H x W)
L. BEAM: 634.70'	L. BEAM: 634.70'
SKEW: 55°	SKEW: 55°

* Opening reflects the silted condition
 ** Existing conditions: water will overtop the road at the Low Grade Centerline Elevation, 636.97 feet.
 ** Proposed conditions: water will overtop the road at the Low Grade Centerline Elevation, 637.12 feet.
 NOTE: PROPOSED STRUCTURE DETAILS ARE PRELIMINARY; SUBJECT TO REFINEMENT IN TSL STAGE.



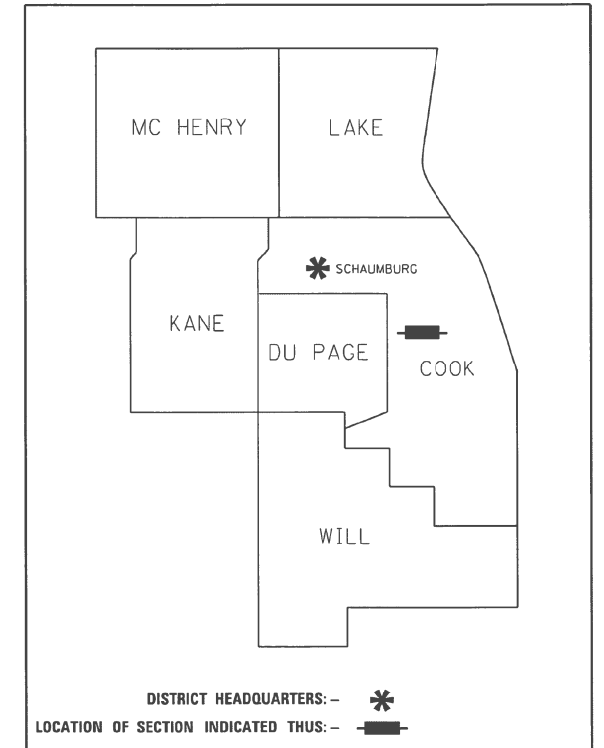
USER NAME = elkhatabaj	DESIGNED -	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITIES PLAN AND PROFILE FULLERTON AVE. (SARAH ST. TO SILVER CREEK DR)	F.A.U. RTE. 1381	SECTION 0101.1-DR-1	COUNTY COOK	TOTAL SHEETS 40	SHEET NO. 18	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -				CONTRACT NO. 62F18					
PLOT DATE = 2/7/2020	DATE -	REVISED -				ILLINOIS FED. AID PROJECT					
SCALE: 1"= 50'H 5'V SHEET OF SHEETS STA. TO STA.											

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLAT OF HIGHWAYS

ROUTE: FULLERTON AVENUE
SECTION:
COUNTY: COOK
LIMITS: SARAH STREET TO SILVER CREEK
JOB NO.: R-90-20-17

PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
0M80001TE	VETERAN'S PARK DISTRICT	1	



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



LOCATION MAP

IDOT USE ONLY
RECEIVED
OCT 09 2018

PLATS & LEGALS

MODEL: Default
FILE: \\harc...
PROJECT: R-90-20-17
DATE: 2/7/2020

USER NAME = elkhaj	DESIGNED -	REVISED -
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PLOT DATE = 2/7/2020	DATE -	REVISED -

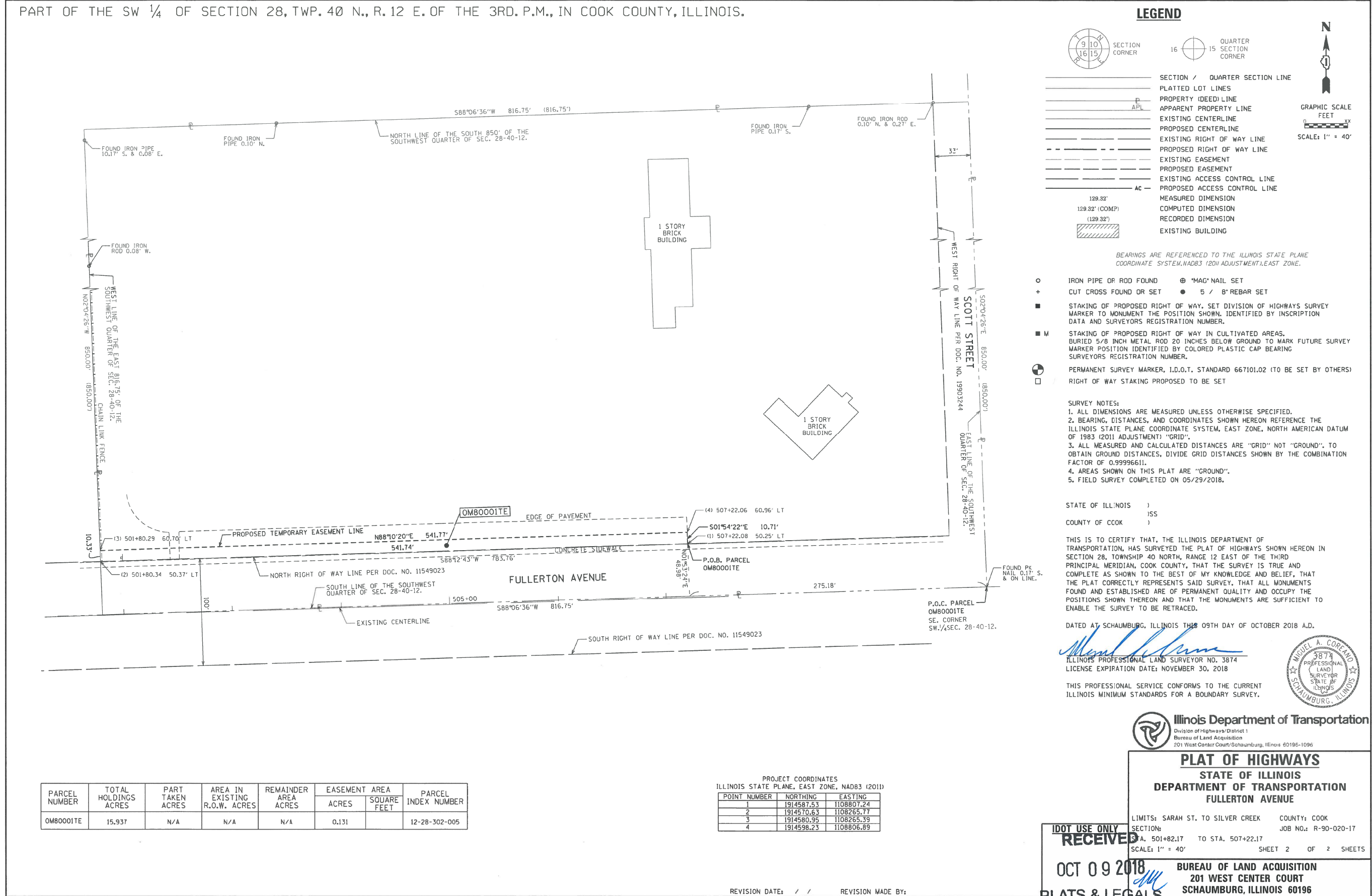
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAT OF HIGHWAYS
FULLERTON AVE. (SARAH ST. TO SILVER CREEK DR.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1381	0101.1-DR-1	COOK	40	19
CONTRACT NO. 62F18				
ILLINOIS FED. AID PROJECT				

PART OF THE SW 1/4 OF SECTION 28, TWP. 40 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



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

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

○ IRON PIPE OR ROD FOUND ⊗ "MAG" NAIL SET
+ CUT CROSS FOUND OR SET ● 5 / 8" REBAR SET
■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
⊕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
□ RIGHT OF WAY STAKING PROPOSED TO BE SET

SURVEY NOTES:
 1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
 3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99996611.
 4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
 5. FIELD SURVEY COMPLETED ON 05/29/2018.

STATE OF ILLINOIS)
 COUNTY OF COOK)

THIS IS TO CERTIFY THAT, THE ILLINOIS DEPARTMENT OF TRANSPORTATION, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 28, TOWNSHIP 40 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

DATED AT SCHAUMBURG, ILLINOIS THIS 09TH DAY OF OCTOBER 2018 A.D.

STATE OF ILLINOIS)
 COUNTY OF COOK)

THIS IS TO CERTIFY THAT, THE ILLINOIS DEPARTMENT OF TRANSPORTATION, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 28, TOWNSHIP 40 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

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DATED AT SCHAUMBURG, ILLINOIS THIS 09TH DAY OF OCTOBER 2018 A.D.

Miguel A. Coreano
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3874
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2018

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



Illinois Department of Transportation
 Division of Highways / District 1
 Bureau of Land Acquisition
 201 West Center Court / Schaumburg, Illinois 60196-1096

PLAT OF HIGHWAYS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 FULLERTON AVENUE

LIMITS: SARAH ST. TO SILVER CREEK COUNTY: COOK
 SECTION: A, 501+82.17 TO STA. 507+22.17 JOB NO.: R-90-020-17
 SCALE: 1" = 40' SHEET 2 OF 2 SHEETS

RECEIVED
 OCT 09 2018
 PLATS & LEGALS

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

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
0M8000ITE	15.937	N/A	N/A	N/A	0.131		12-28-302-005

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

POINT NUMBER	NORTHING	EASTING
1	1914587.53	1108807.24
2	1914570.63	1108265.77
3	1914580.95	1108265.39
4	1914598.23	1108806.89

REVISION DATE: / / REVISION MADE BY:

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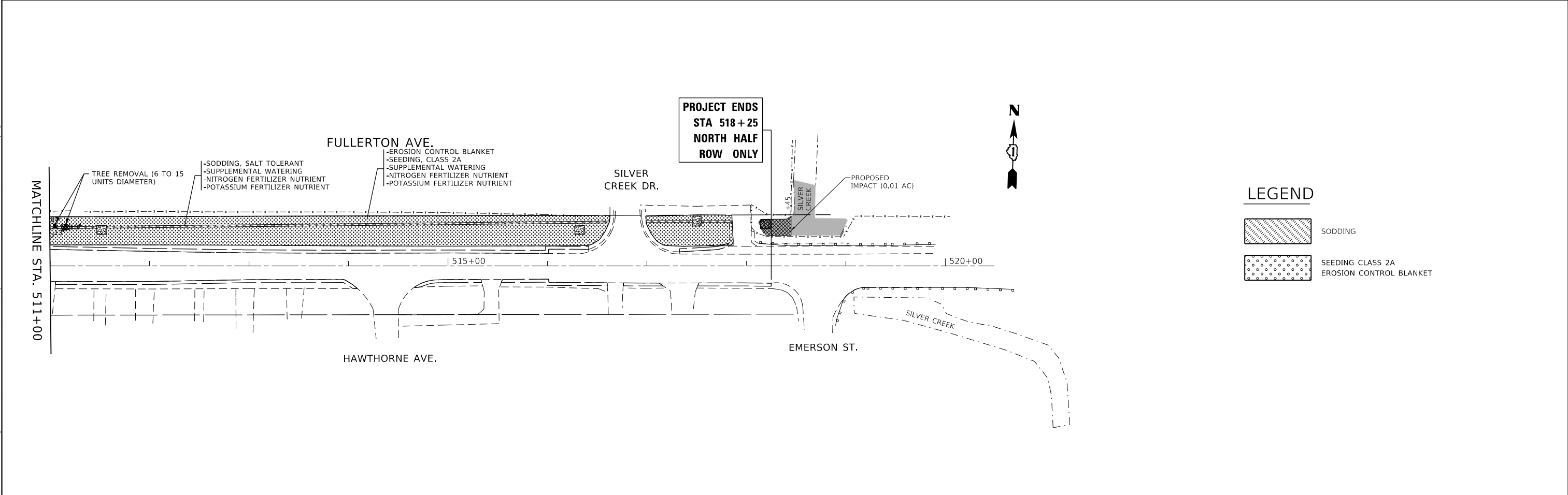
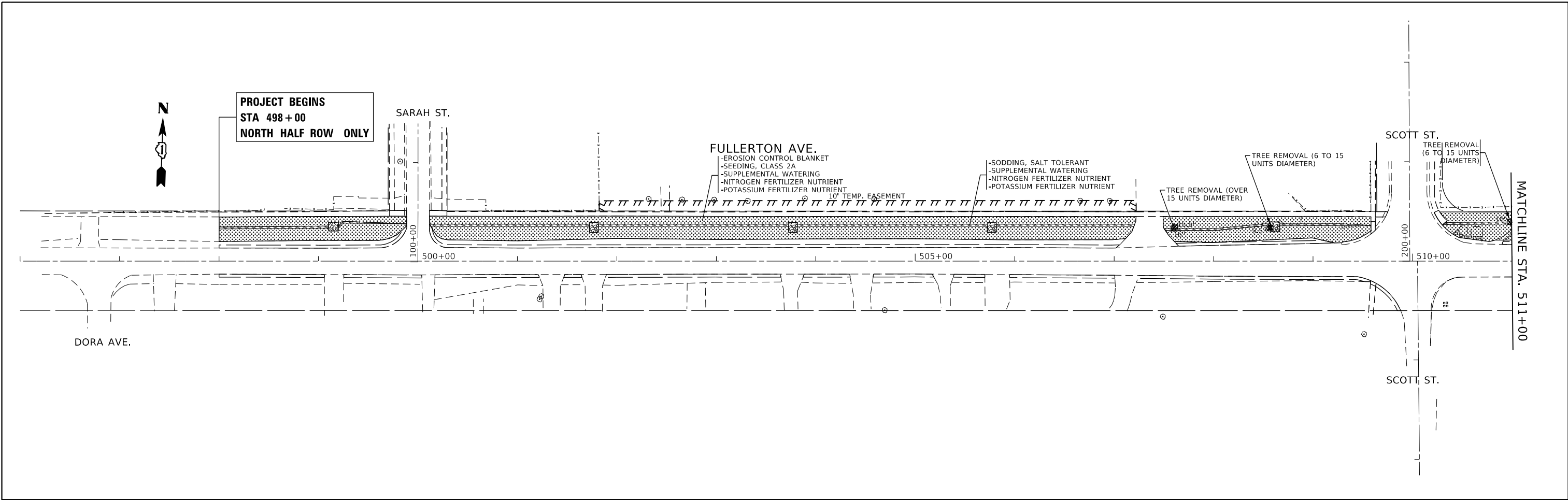
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PLOT SCALE = 100.00' / in.	DRAWN -	REVISED -
PLOT DATE = 2/7/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAT OF HIGHWAYS
 FULLERTON AVE. (SARAH ST. TO SILVER CREEK DR.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1381	0101.1-DR-1	COOK	40	20
CONTRACT NO. 62F18				
		ILLINOIS	FED. AID PROJECT	



LEGEND

	SODDING
	SEEDING CLASS 2A EROSION CONTROL BLANKET

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PLOT DATE = 2/7/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN
FULLERTON AVE. (SARAH ST. TO SILVER CREEK DR.)**

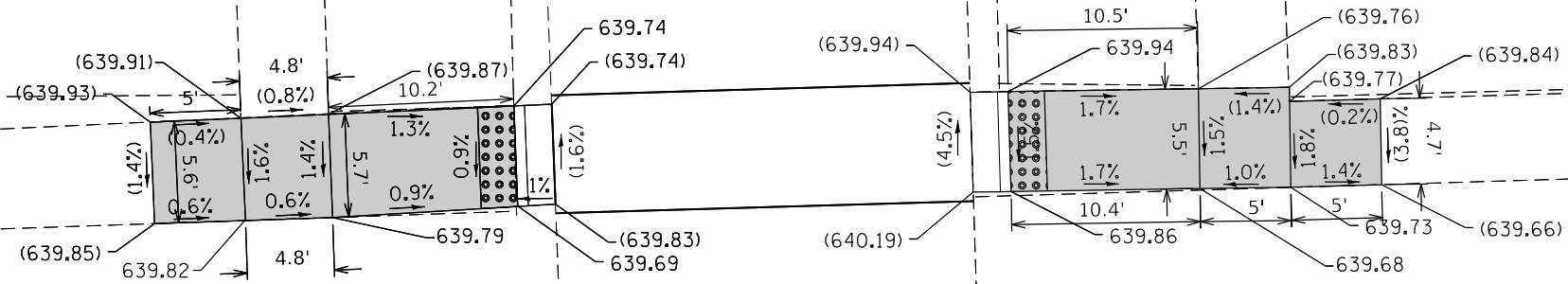
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SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1381	0101.1-DR-1	COOK	40	21
CONTRACT NO. 62F18				
ILLINOIS FED. AID PROJECT				

SARAH ST.

FULLERTON AVE.



LEGEND

xx.xx'

EXISTING LENGTH

==

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

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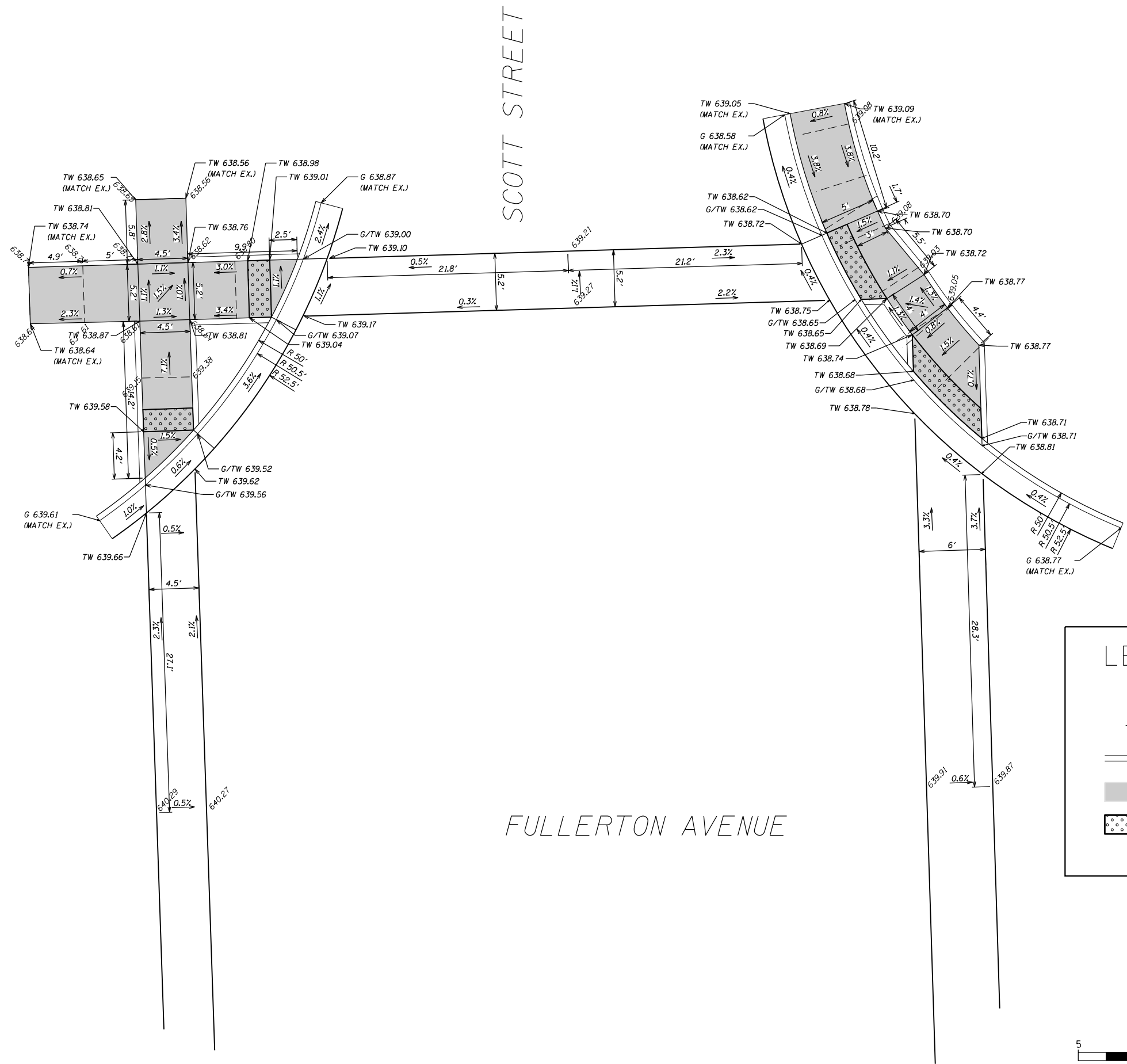
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CURB RAMP DETAILS /PROJECT DETAILS
FULLERTON AVE. (SARAH ST. TO SILVER CREEK DR.)**

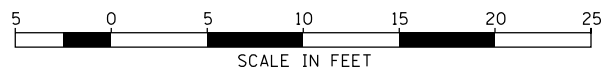
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CONTRACT NO. 62F18				
ILLINOIS FED. AID PROJECT				



LEGEND

- 639.03 EXISTING ELEVATION
- TW 638.72 PROPOSED ELEVATION
- PROPOSED SIDE CURB
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS



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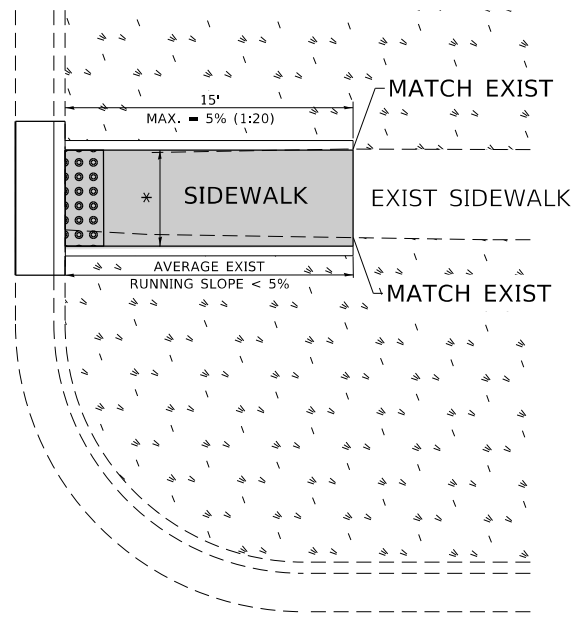
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED ADA RAMP FULLERTON AVE. & SCOTT ST.			
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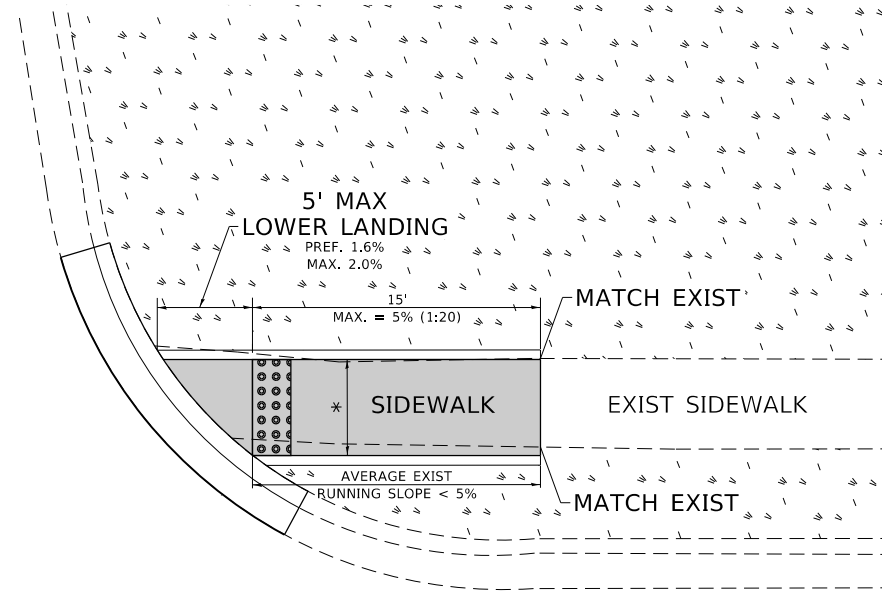
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1381	0101.I-DR-1	COOK	40	24
CONTRACT NO. 62F18				
ILLINOIS FED. AID PROJECT				

ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ EXIST. 5% OR LESS RUN. SLOPE

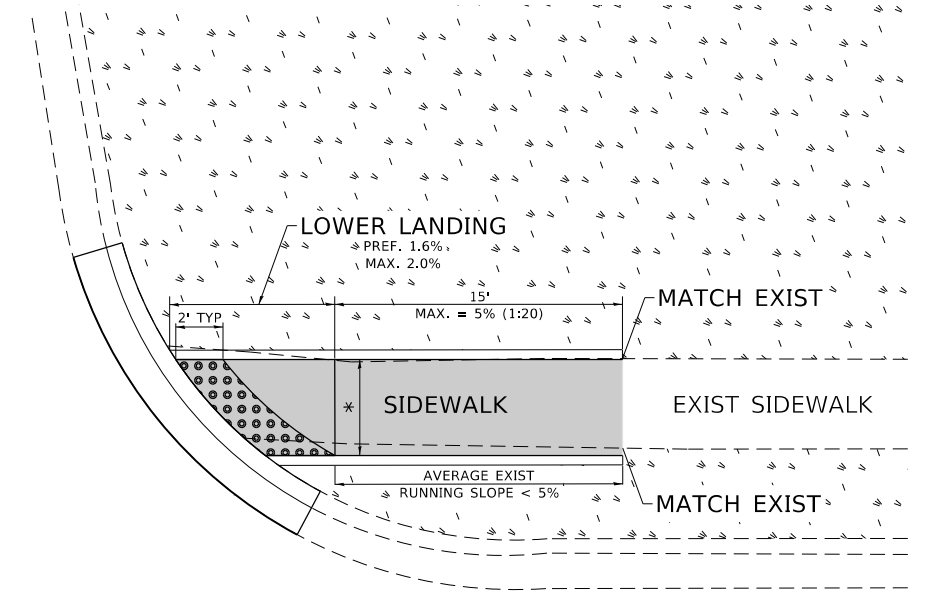
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



PD-01B



PD-01C



LEGEND

-  EXIST. GRASS
-  PROPOSED SIDEWALK
-  DETECTABLE WARNINGS
-  PROPOSED SIDE CURB

CONSTRUCTION NOTES:

- 1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK
- * MATCH EXISTING SIDEWALK WIDTH

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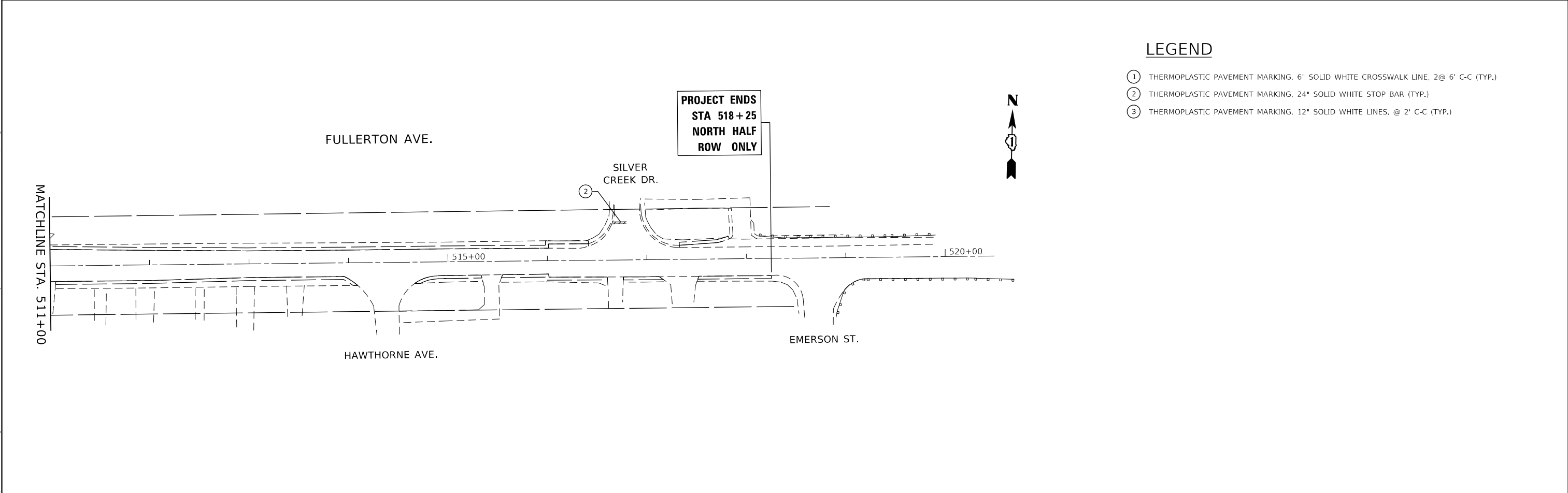
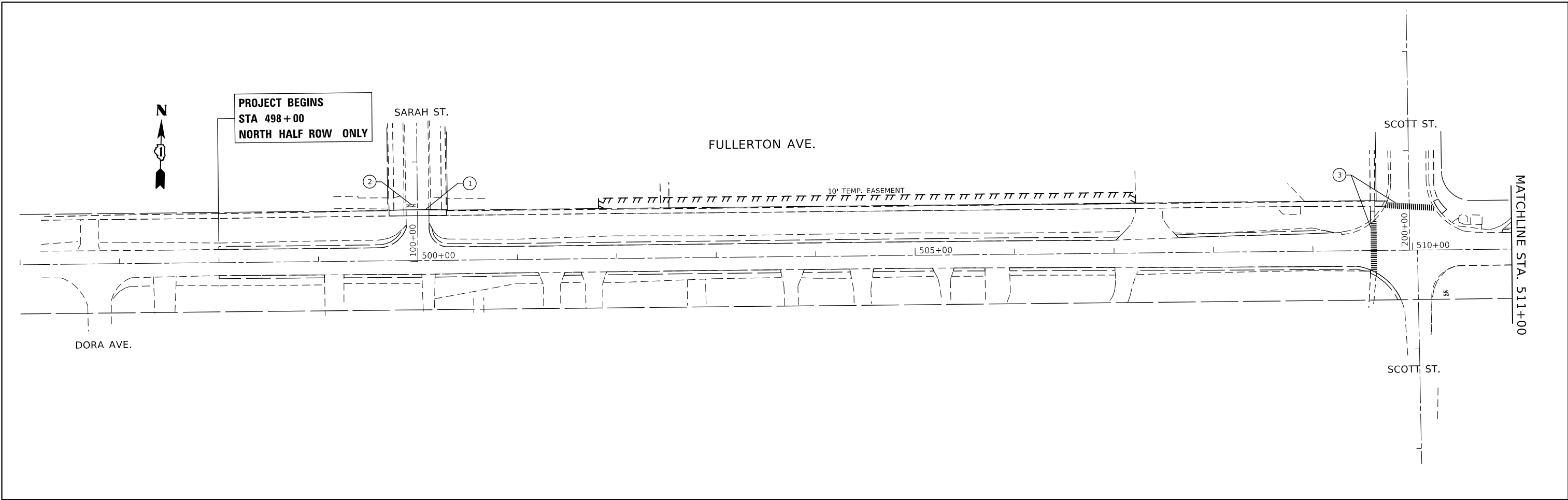
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS
(PD-01)**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1381	0101.I-DR-1	COOK	40	25
PD-01		CONTRACT NO. 62F18		
ILLINOIS		FED. AID PROJECT		



LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2@ 6' C-C (TYP.)
- ② THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP BAR (TYP.)
- ③ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LINES, @ 2' C-C (TYP.)

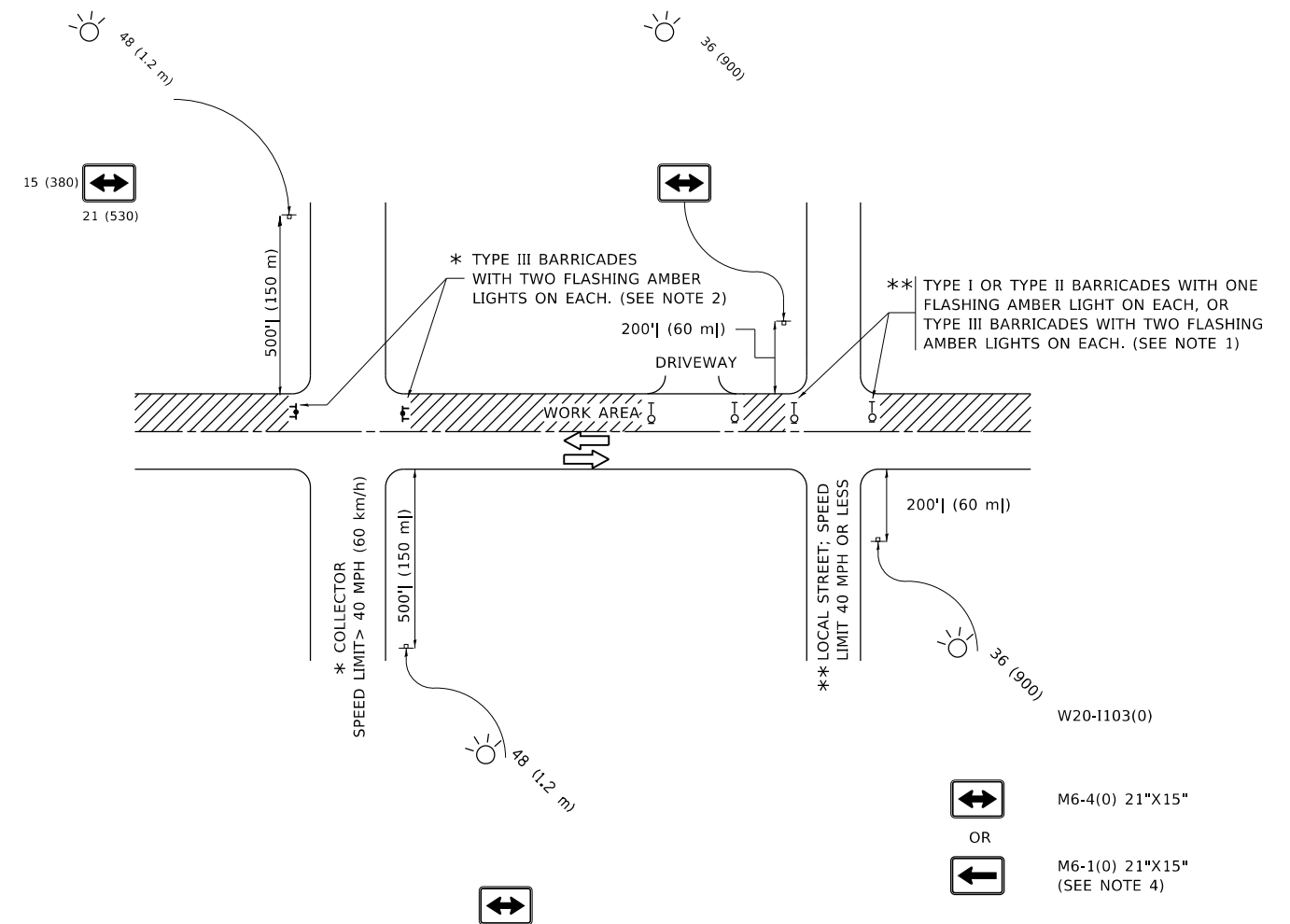
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	DRAWN -	REVISED -
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PLOT DATE = 2/7/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN			
FULLERTON AVE. (SARAH ST. TO SILVER CREEK DR.)			
SCALE: 1"= 50'	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1381	0101.1-DR-1	COOK	40	26
CONTRACT NO. 62F18				
ILLINOIS FED. AID PROJECT				



NOTES:

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

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

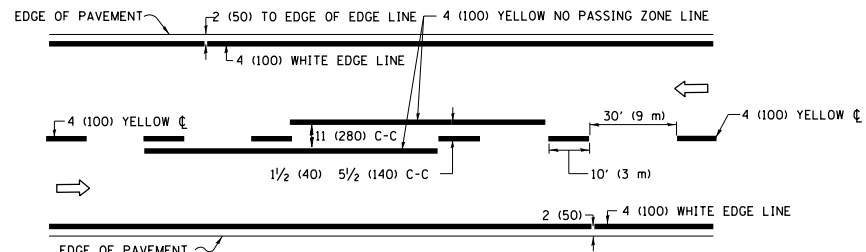
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

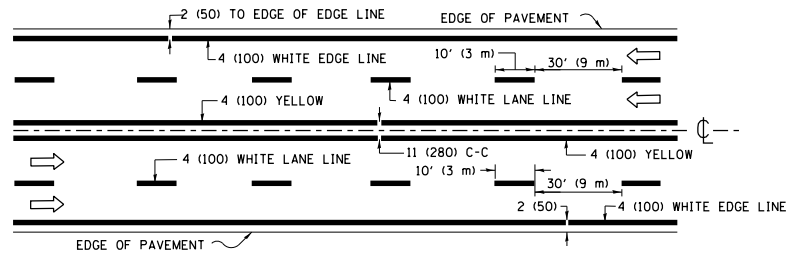
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TC-10			CONTRACT NO. 62F18	
ILLINOIS FED. AID PROJECT				

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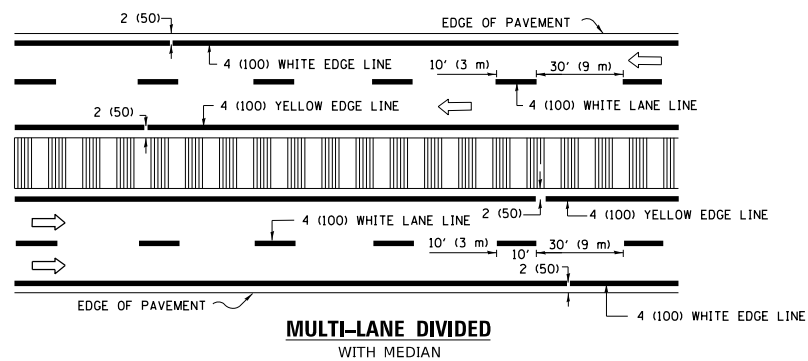
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PLOT DATE = 2/7/2020	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16



2-LANE ROADWAY

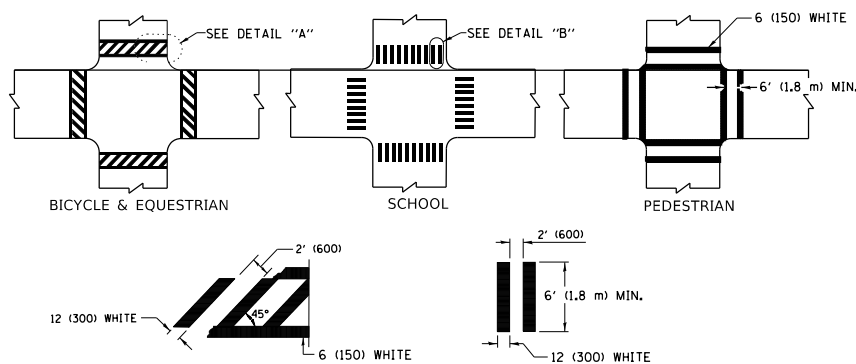


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

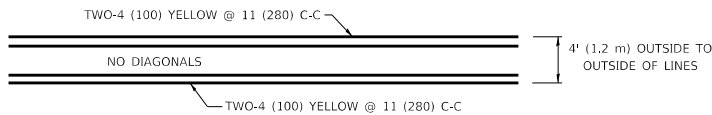


DETAIL "A"

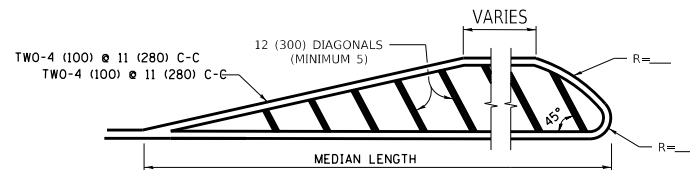
DETAIL "B"

TYPICAL CROSSWALK MARKING

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

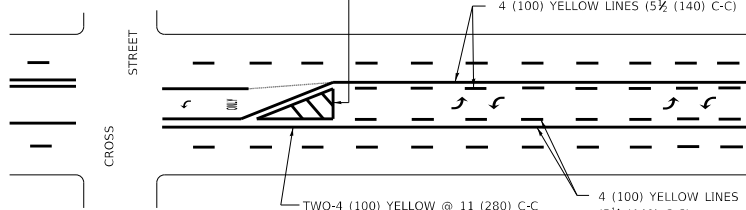


4' (1.2 m) WIDE MEDIANS ONLY



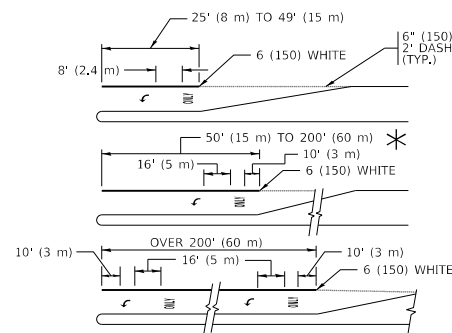
MEDIANS OVER 4' (1.2 m) WIDE

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



MEDIAN WITH TWO-WAY LEFT TURN LANE

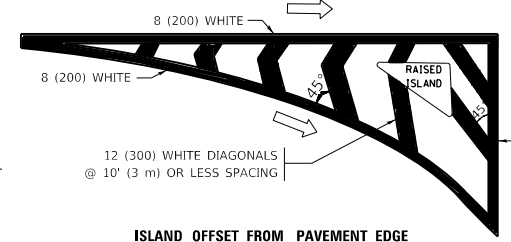
TYPICAL PAINTED MEDIAN MARKING



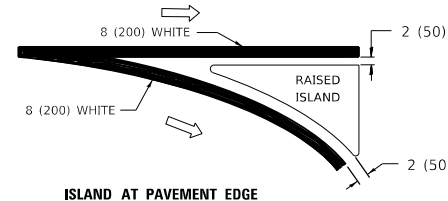
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

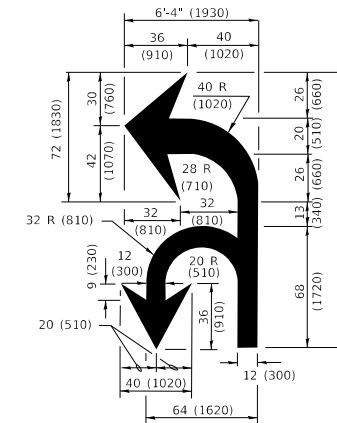


ISLAND OFFSET FROM PAVEMENT EDGE

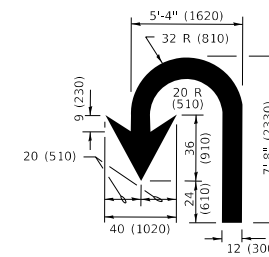


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

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

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

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

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

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

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: NONE		SHEET 1 OF 2 SHEETS		STA. TO STA.	
		DISTRICT ONE TYPICAL PAVEMENT MARKINGS			
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
1381	0101.I-DR-1	COOK	40	29	
TC-13			CONTRACT NO. 62F18		
ILLINOIS			FED. AID PROJECT		

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

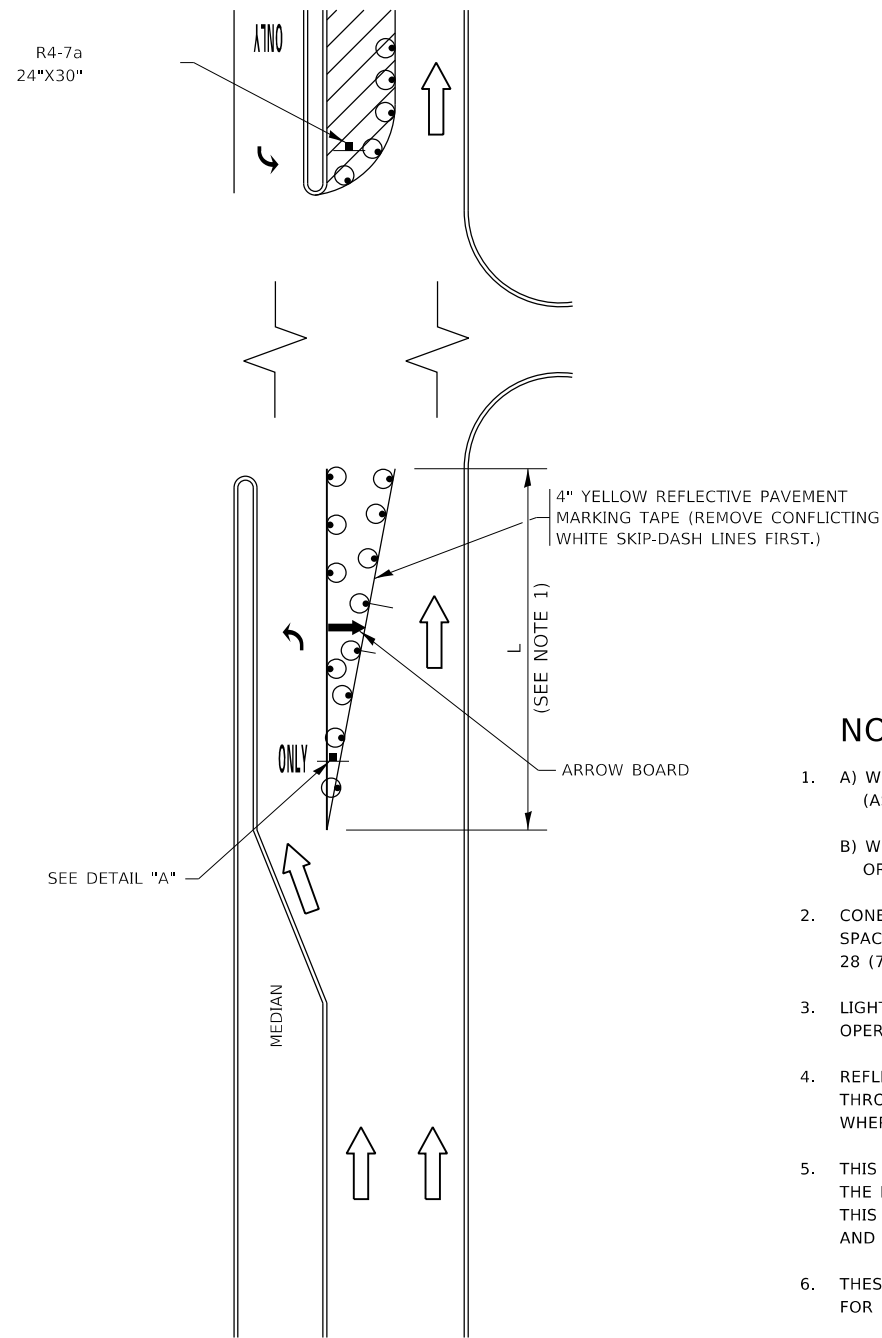
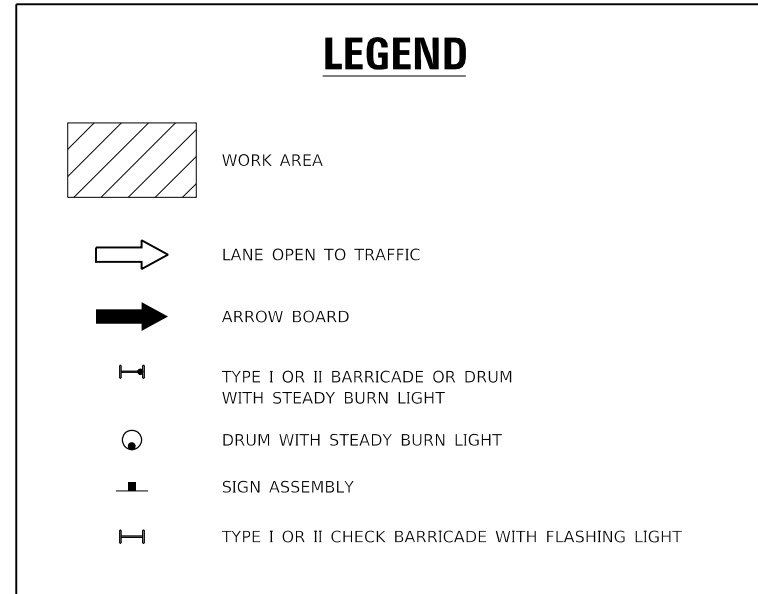


FIGURE 1



NOTES:

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

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

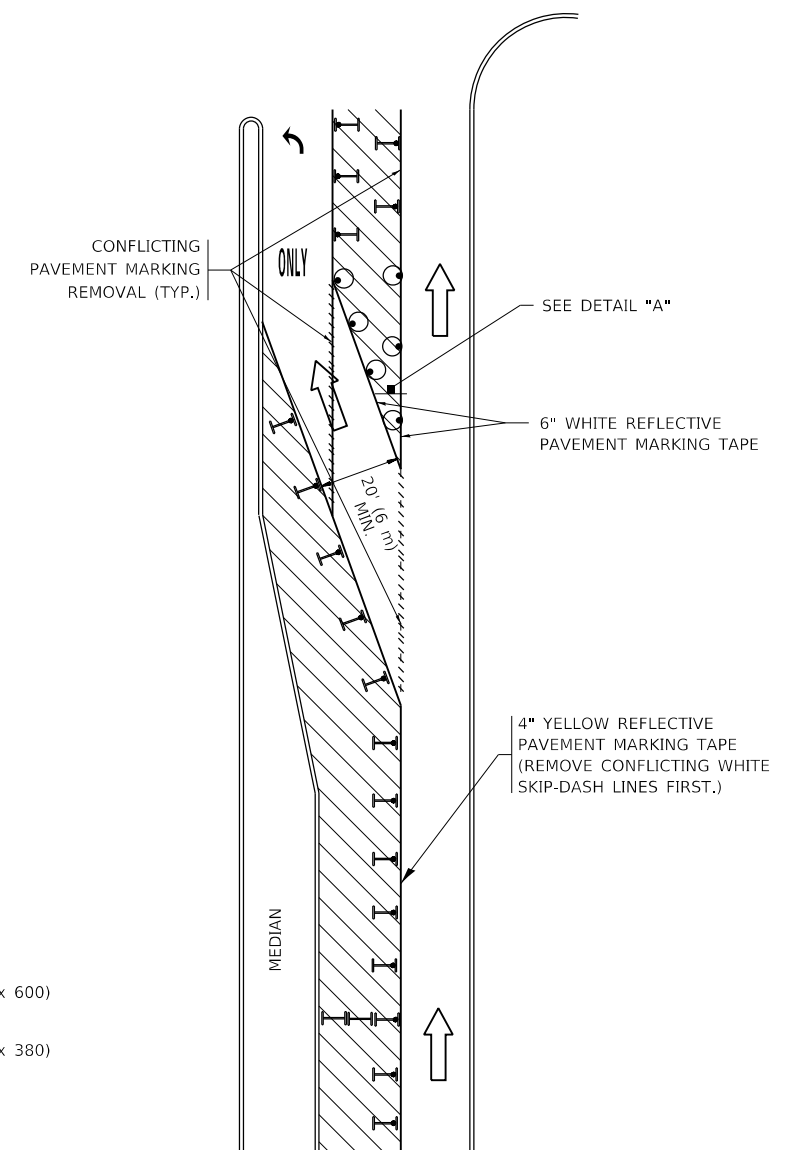
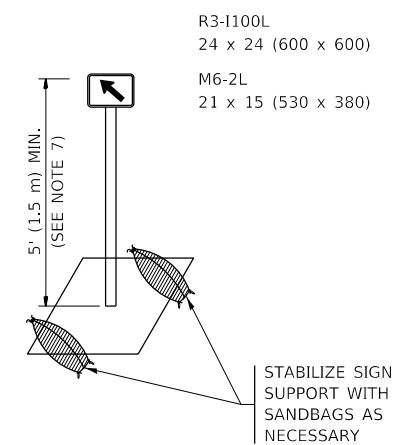


FIGURE 2



DETAIL A

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

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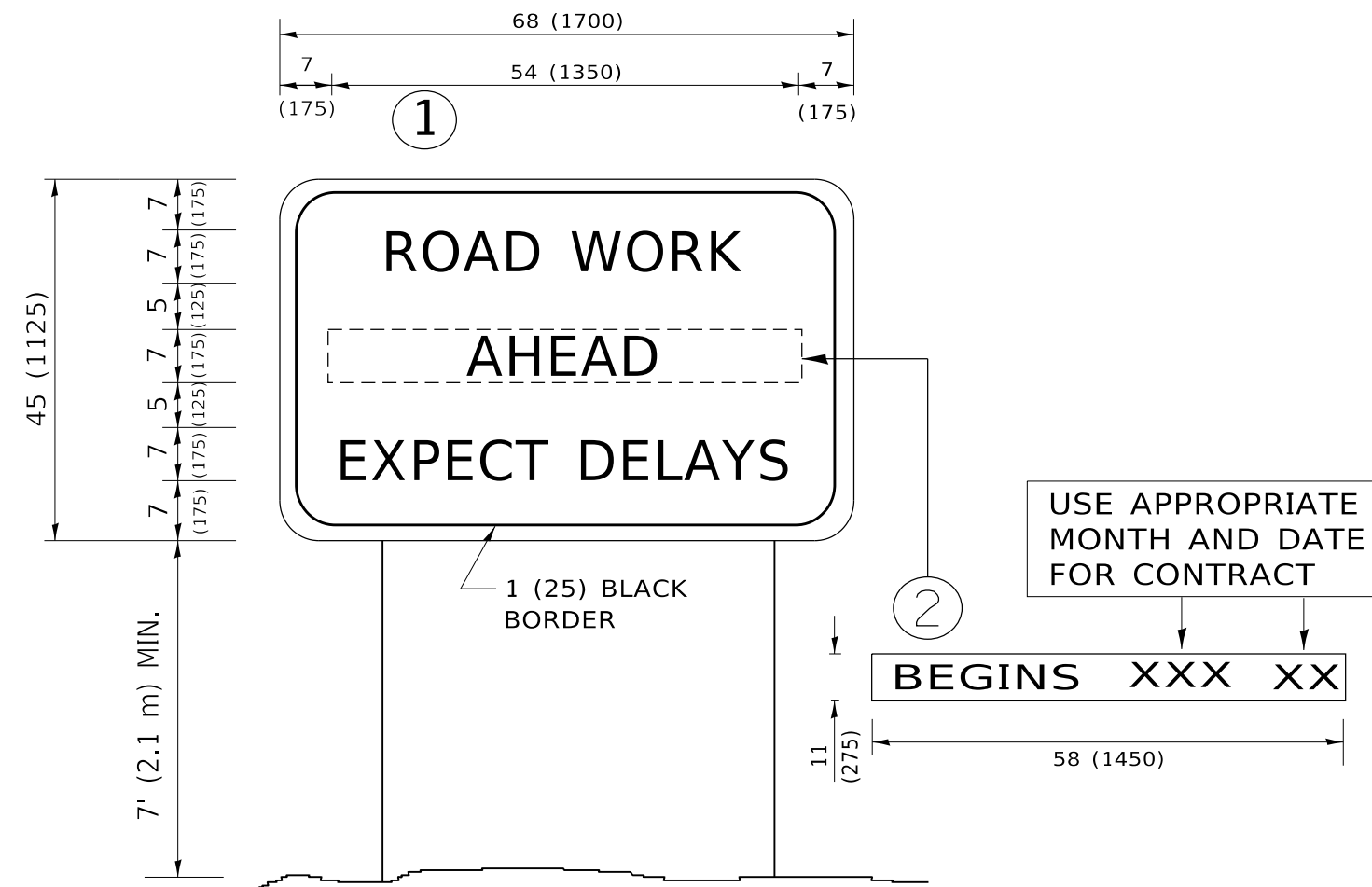
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PLOT DATE = 2/7/2020	DATE - T. RAMMACHER 01-06-00	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1381	0101.I-DR-1	COOK	40	30
TC-14		CONTRACT NO. 62F18		
		ILLINOIS FED. AID PROJECT		



NOTES:

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

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

MODEL: Default
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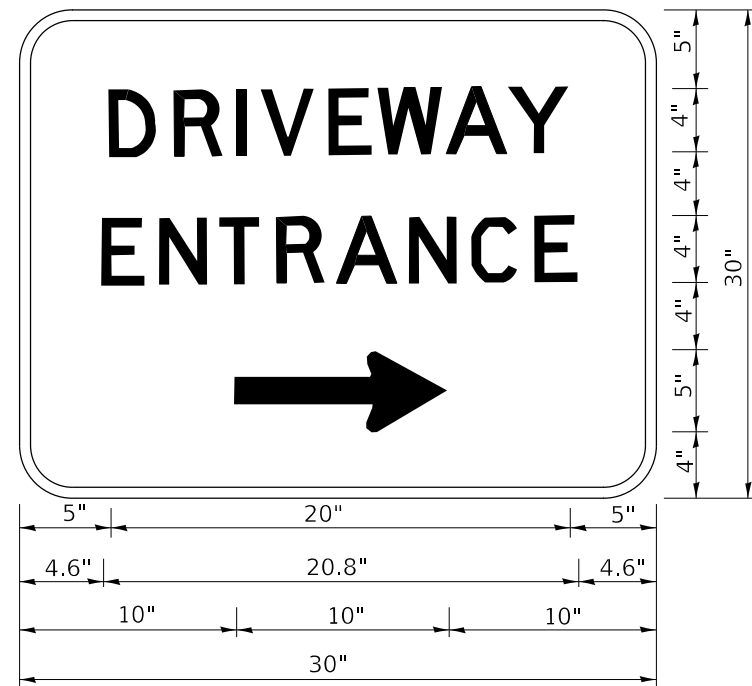
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PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 2/7/2020	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1381	0101.1-DR-1	COOK	40	31
TC-22			CONTRACT NO. 62F18	
ILLINOIS FED. AID PROJECT				



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

NOTES:

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

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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/7/2020	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRIVEWAY ENTRANCE SIGNING

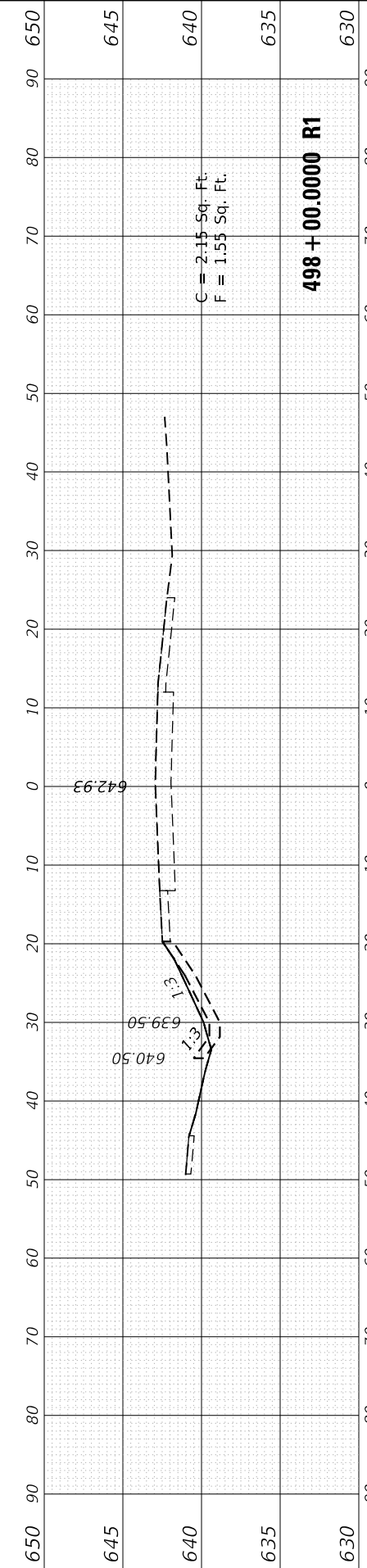
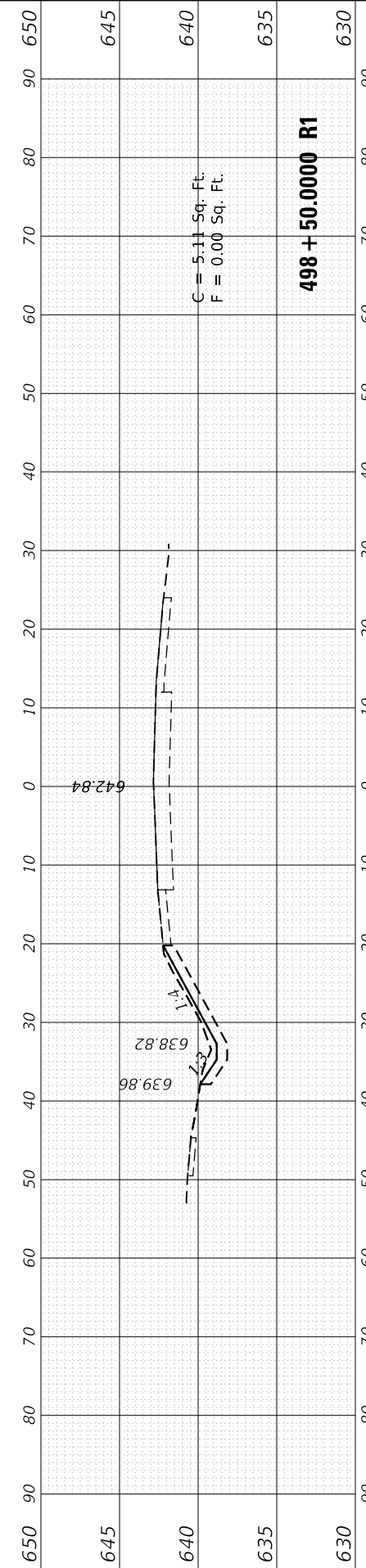
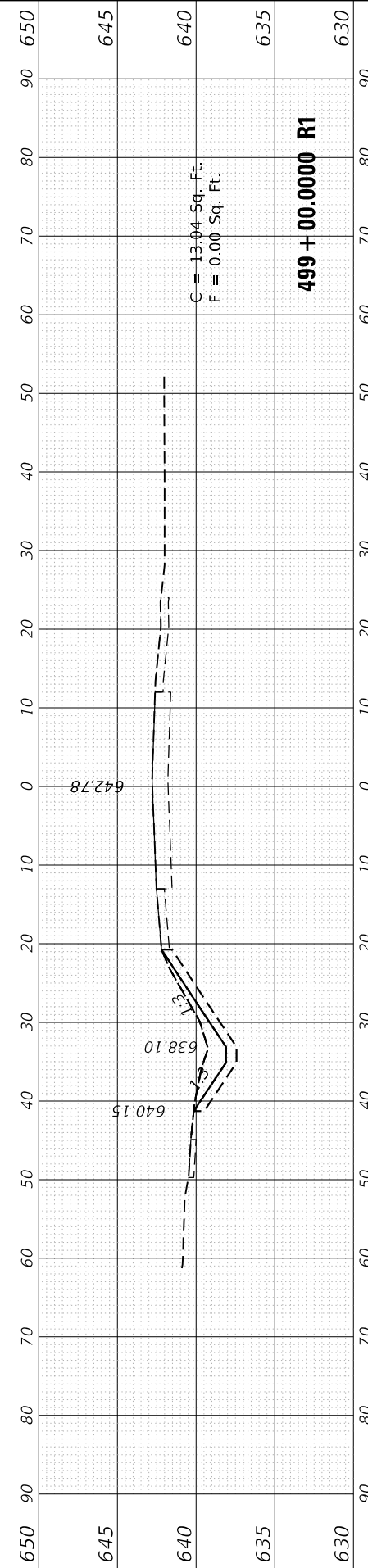
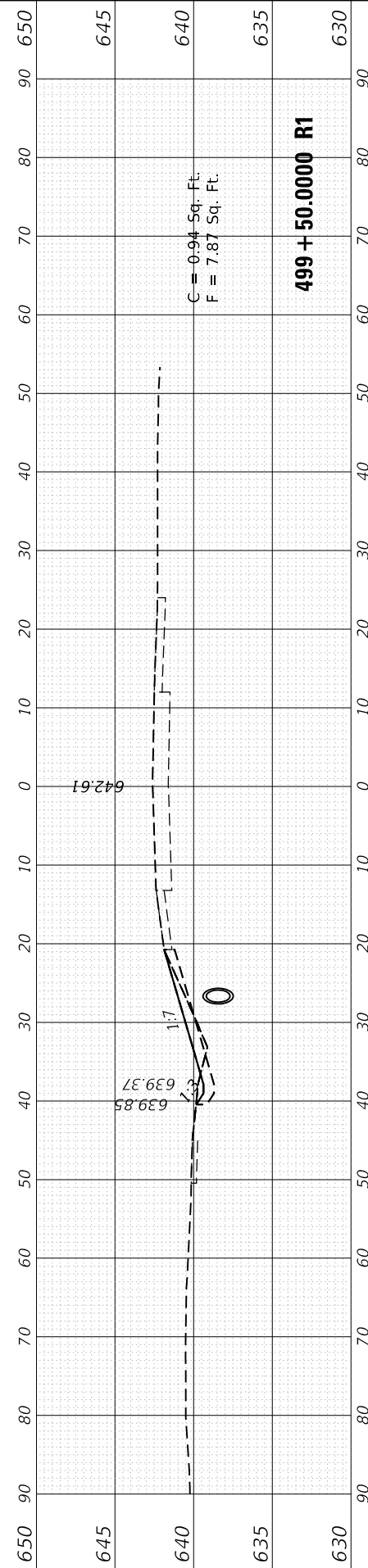
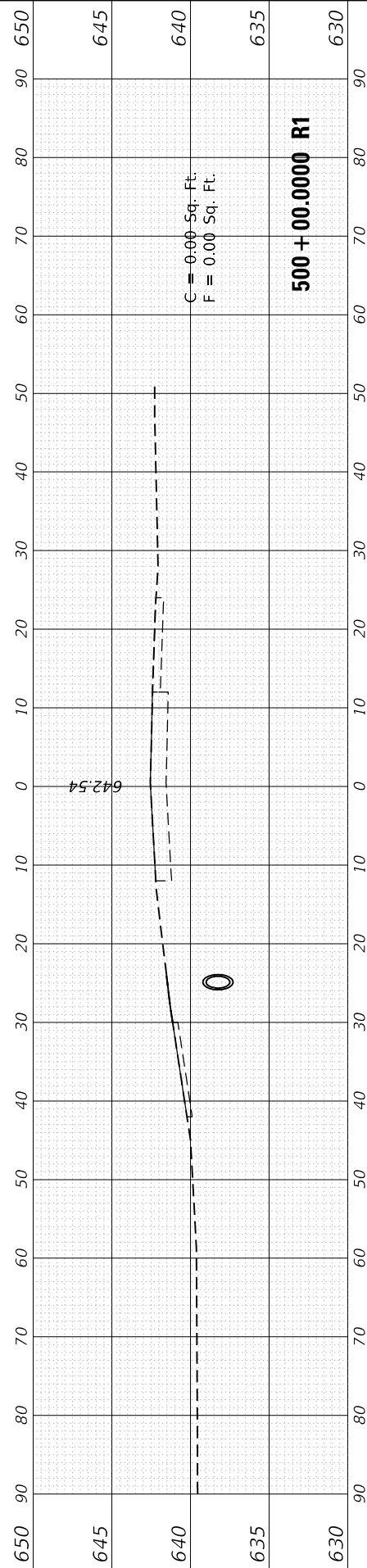
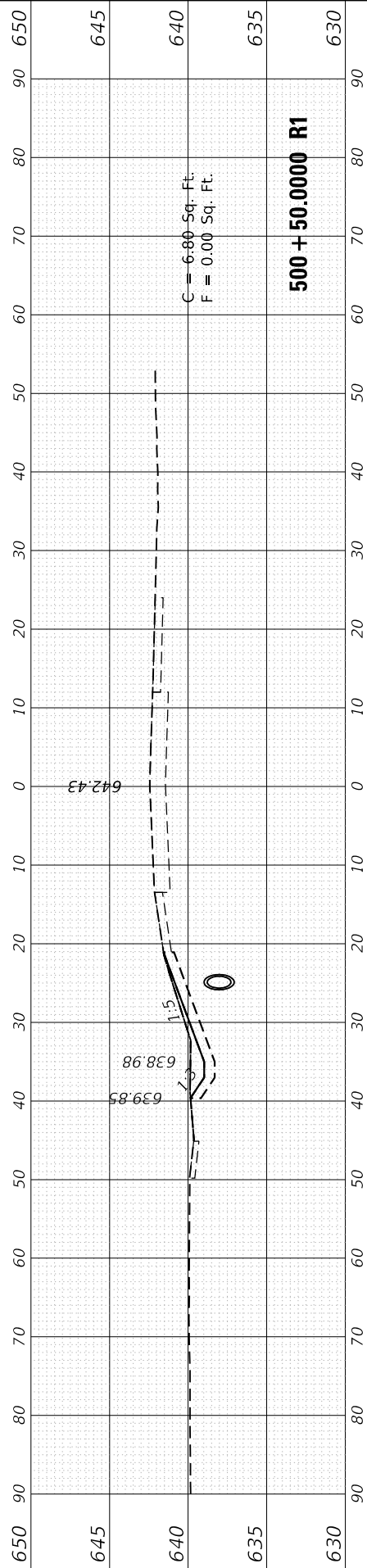
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TC-26		CONTRACT NO. 62F18		
		ILLINOIS	FED. AID PROJECT	

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

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

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

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	DRAWN -	REVISED -
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PLOT DATE = 2/7/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FULLERTON AVE. (SARAH ST. TO SILVER CREEK DR.)
CROSS SECTIONS**

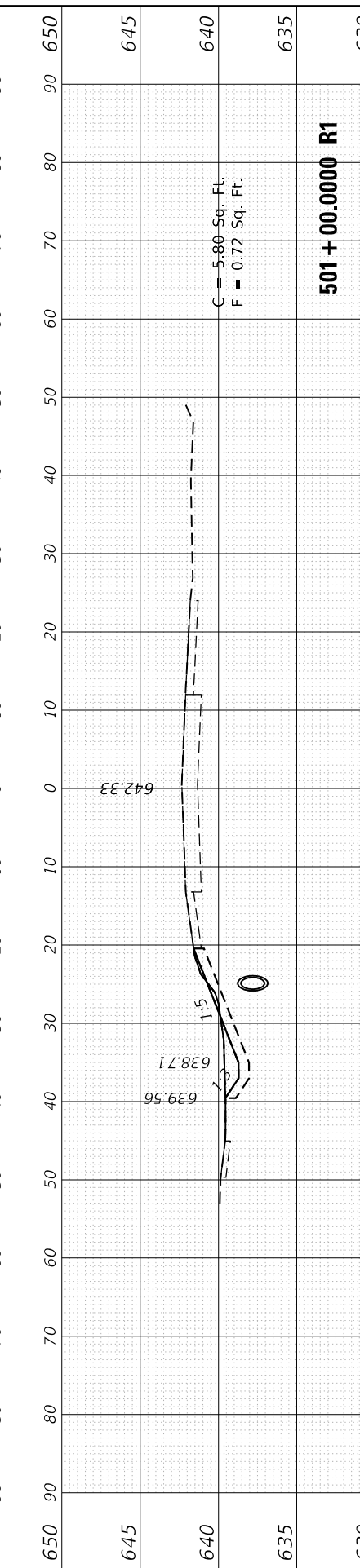
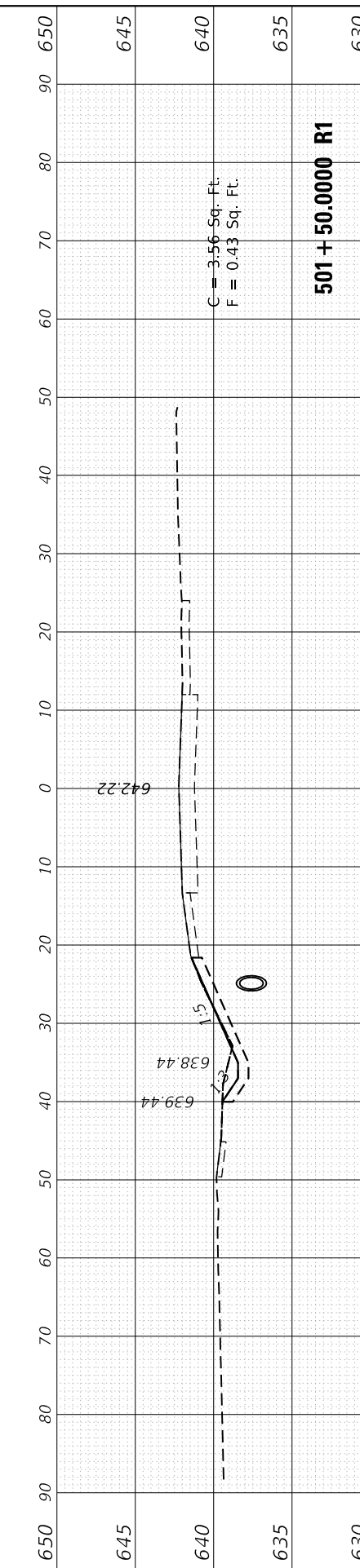
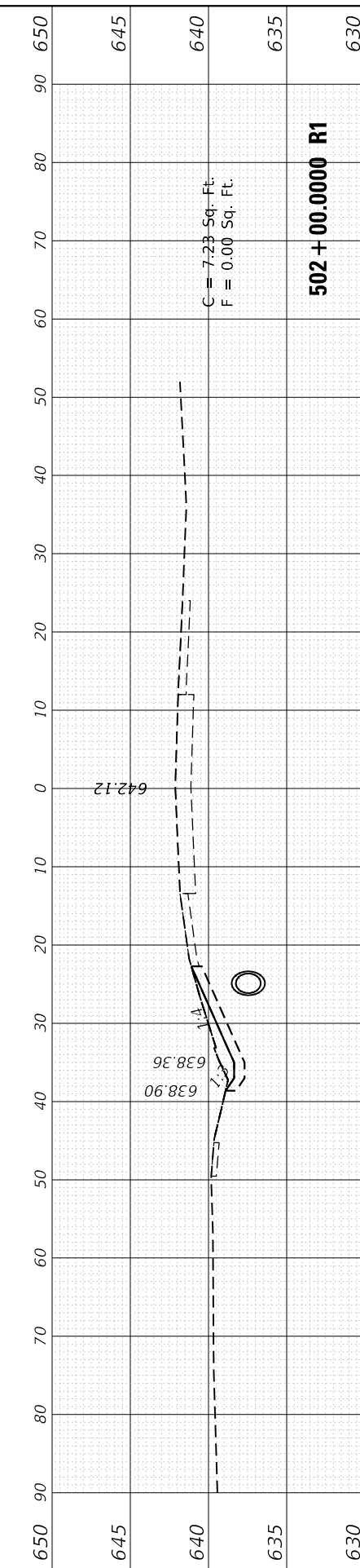
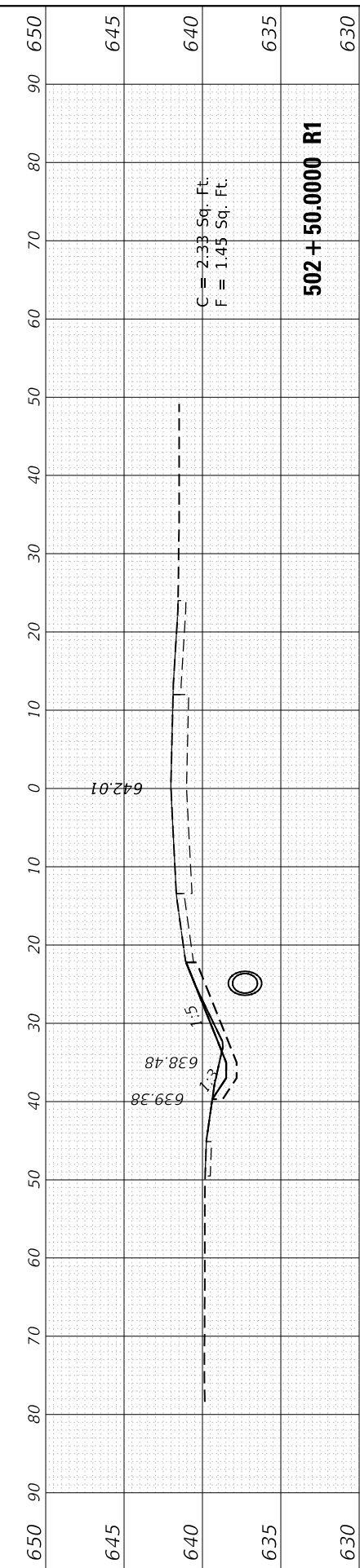
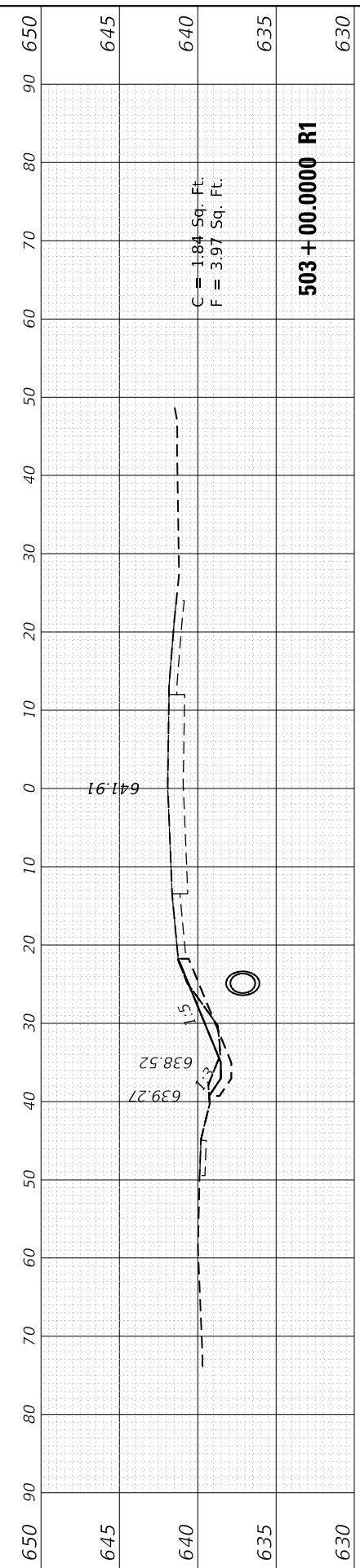
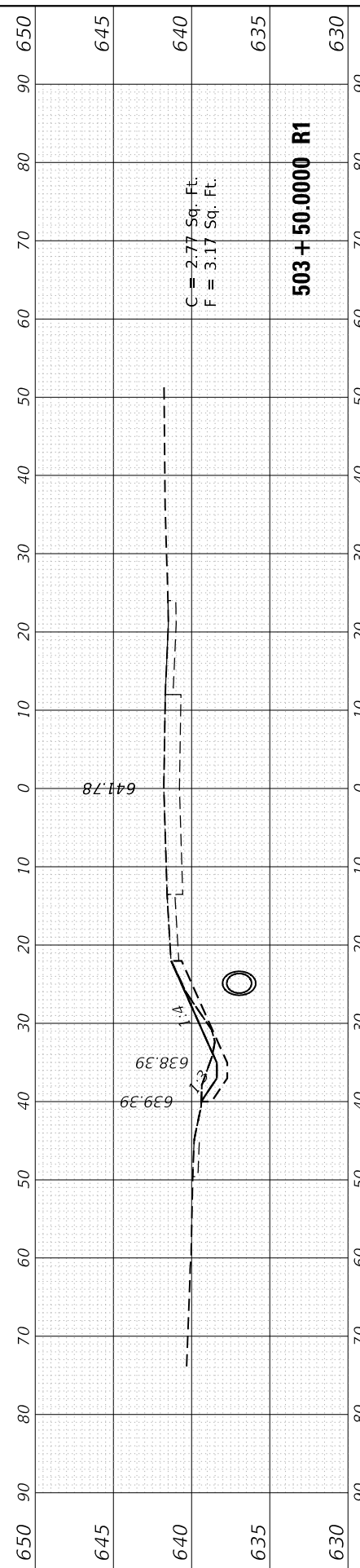
SCALE: SHEET OF SHEETS STA. 498+00.0000 R1 TO STA. 500+50.0000 R1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1381	0101.1-DR-1	COOK	40	33
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62F18	

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

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

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	DRAWN -	REVISD -
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PLOT DATE = 2/7/2020	DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FULLERTON AVE. (SARAH ST. TO SILVER CREEK DR.)
 CROSS SECTIONS**

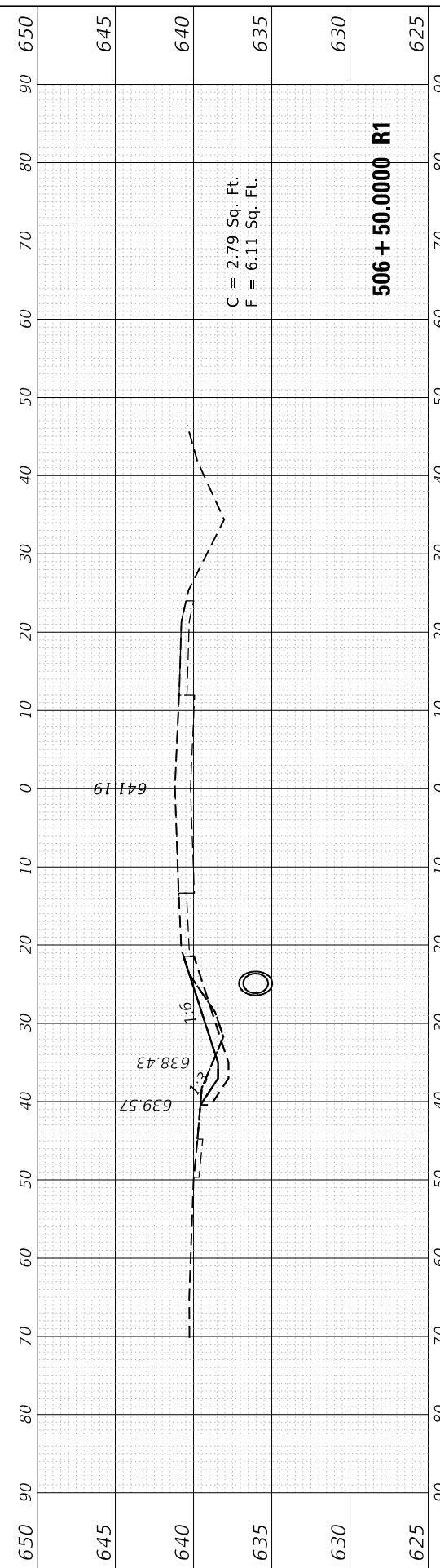
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1381	0101.1-DR-1	COOK	40	34
CONTRACT NO. 62F18				
ILLINOIS FED. AID PROJECT				

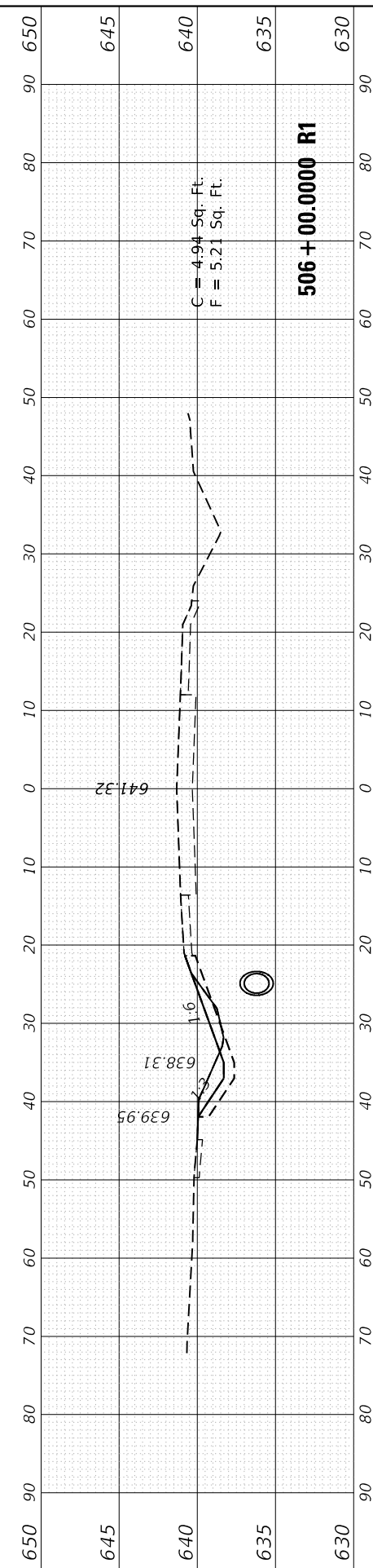
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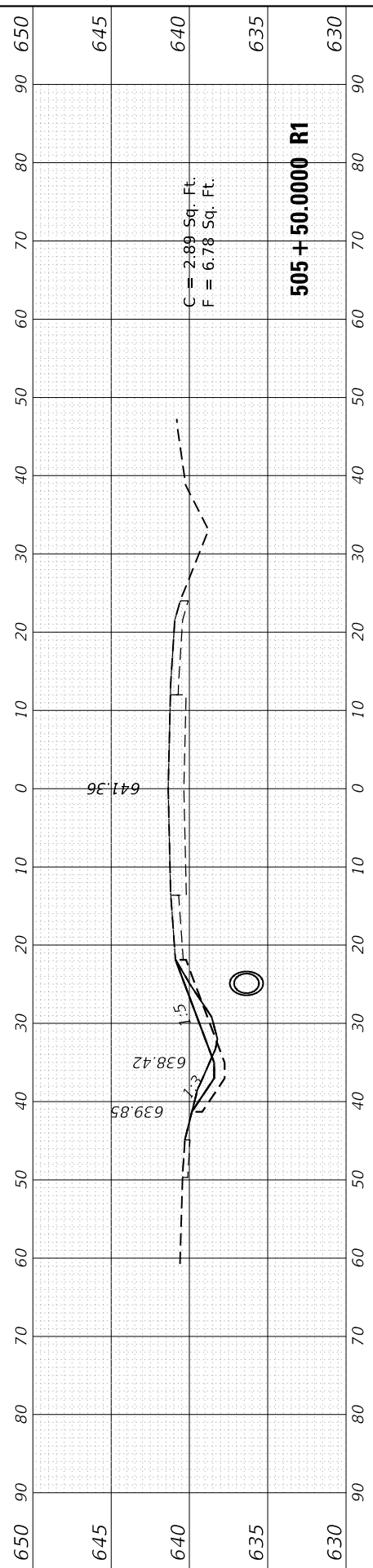
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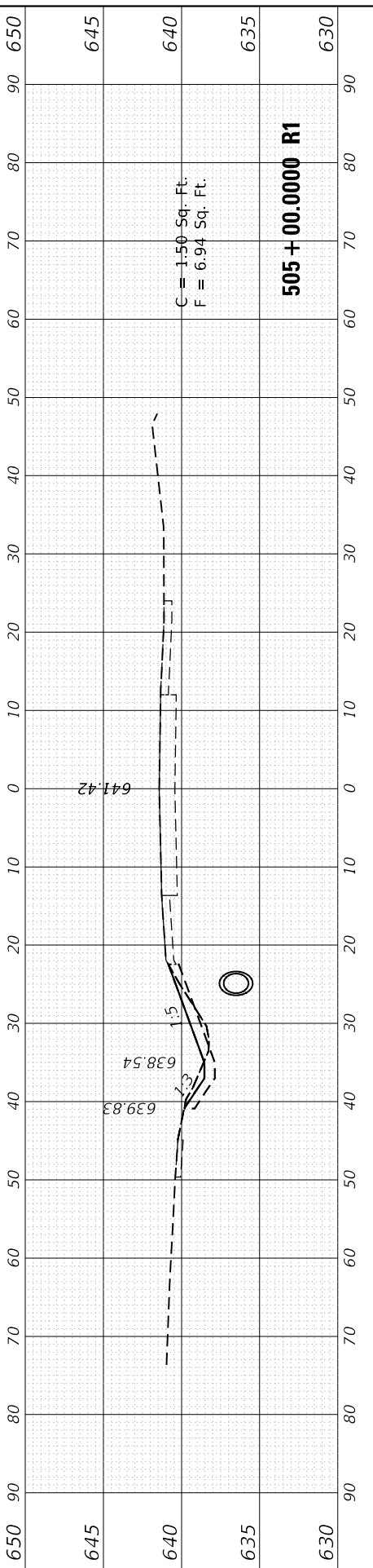
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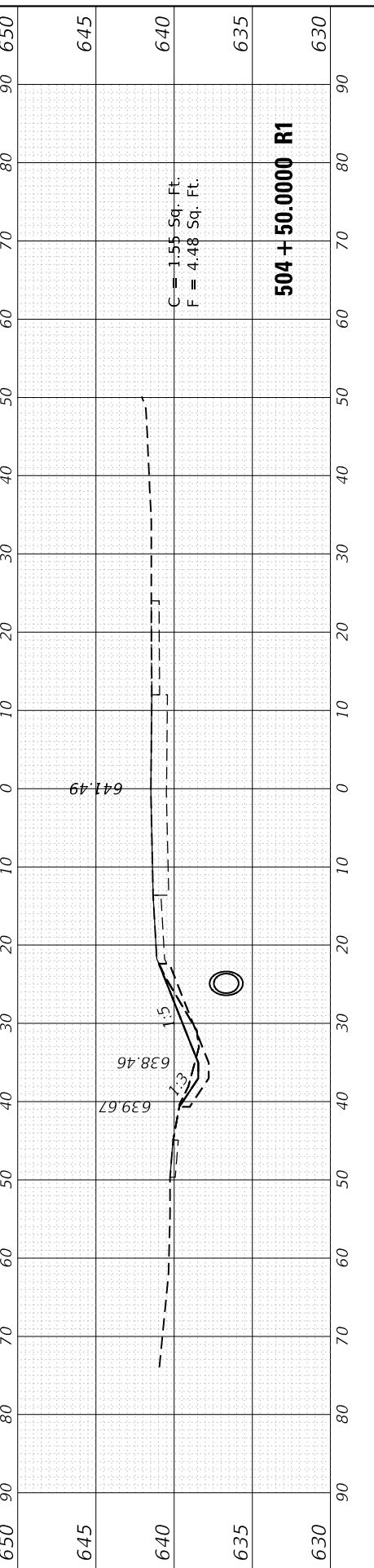
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	DATE -	REvised -



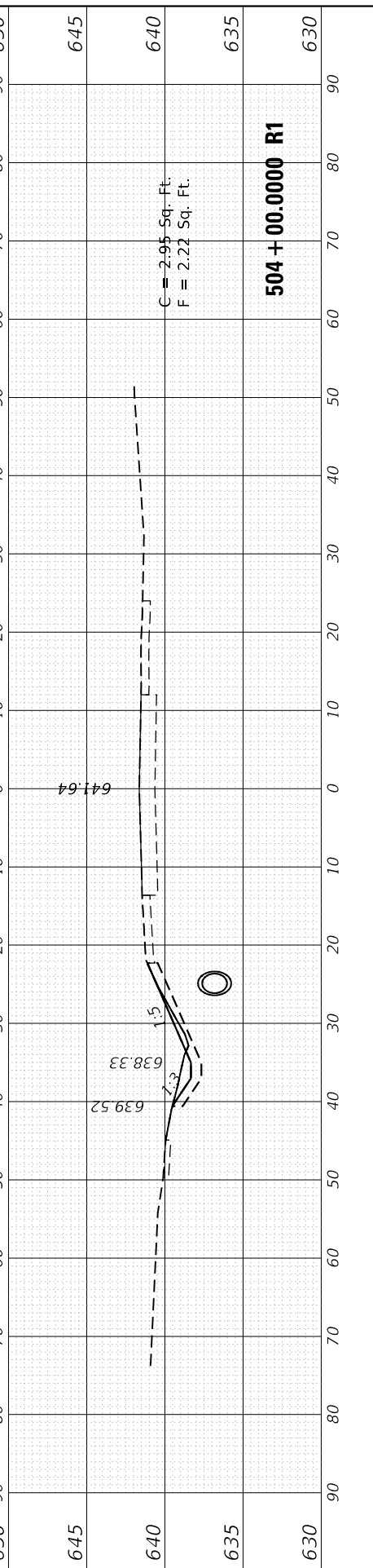
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	DATE -	REvised -



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	CHECKED -	REvised -
	DATE -	REvised -



	DESIGNED -	REvised -
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	CHECKED -	REvised -
	DATE -	REvised -



	DESIGNED -	REvised -
	DRAWN -	REvised -
	CHECKED -	REvised -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

FULLERTON AVE. (SARAH ST. TO SILVER CREEK DR.)
 CROSS SECTIONS

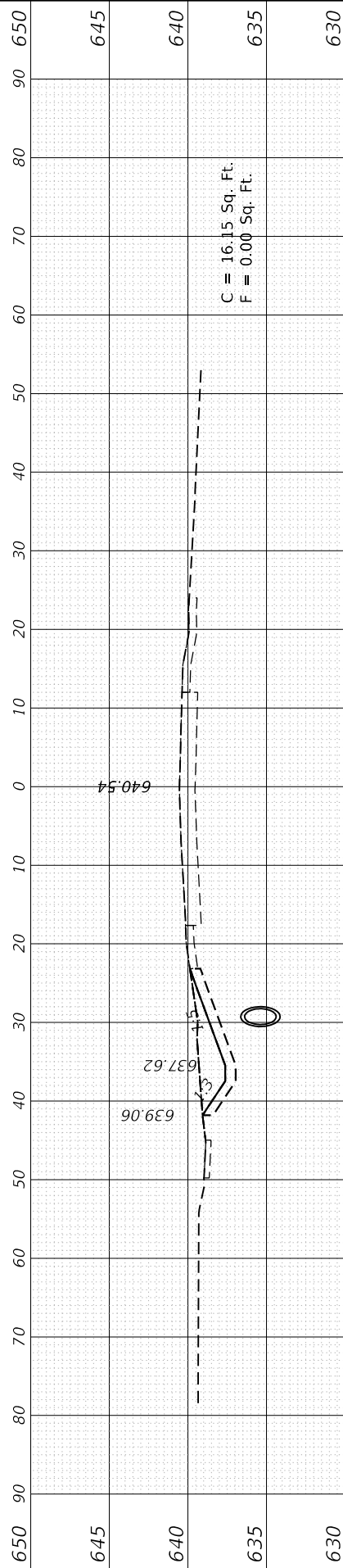
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1381	0101.1-DR-1	COOK	40	35
CONTRACT NO. 62F18				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

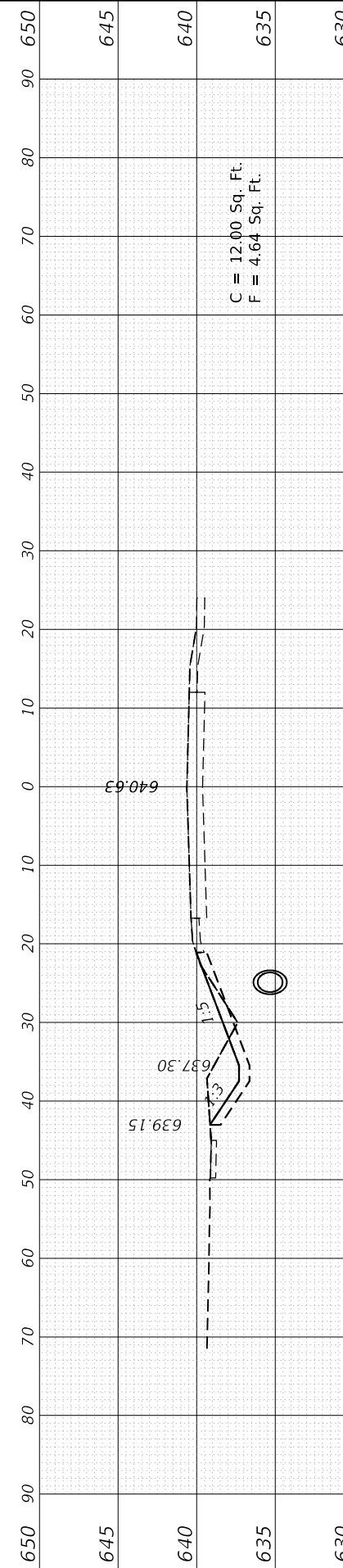
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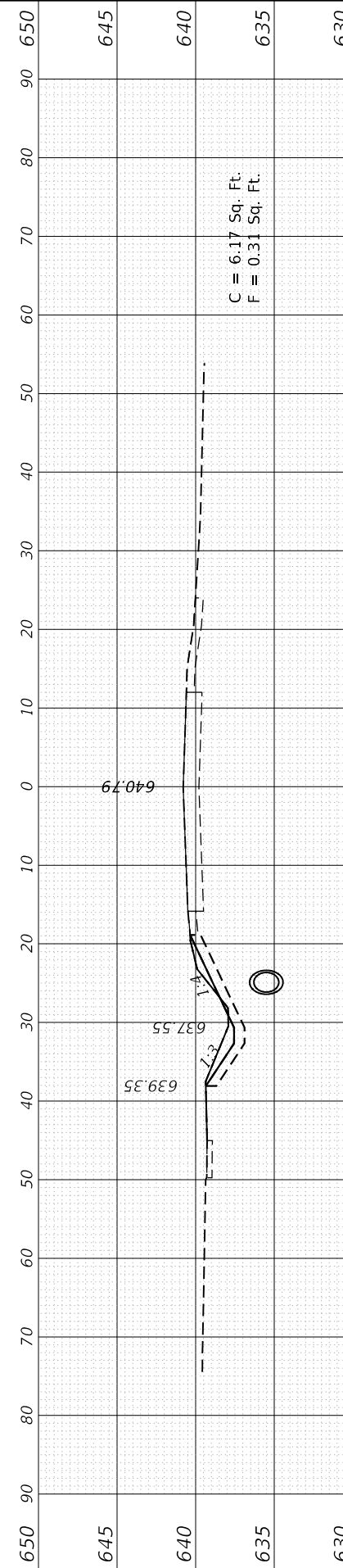
509 + 00.0000 R1

C = 16.15 Sq. Ft.
F = 0.00 Sq. Ft.



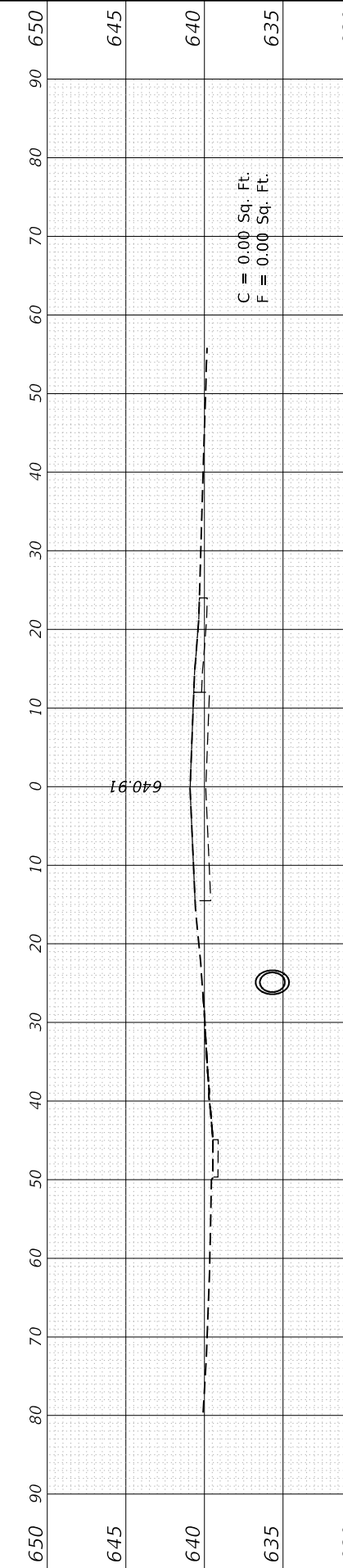
508 + 50.0000 R1

C = 12.00 Sq. Ft.
F = 4.64 Sq. Ft.



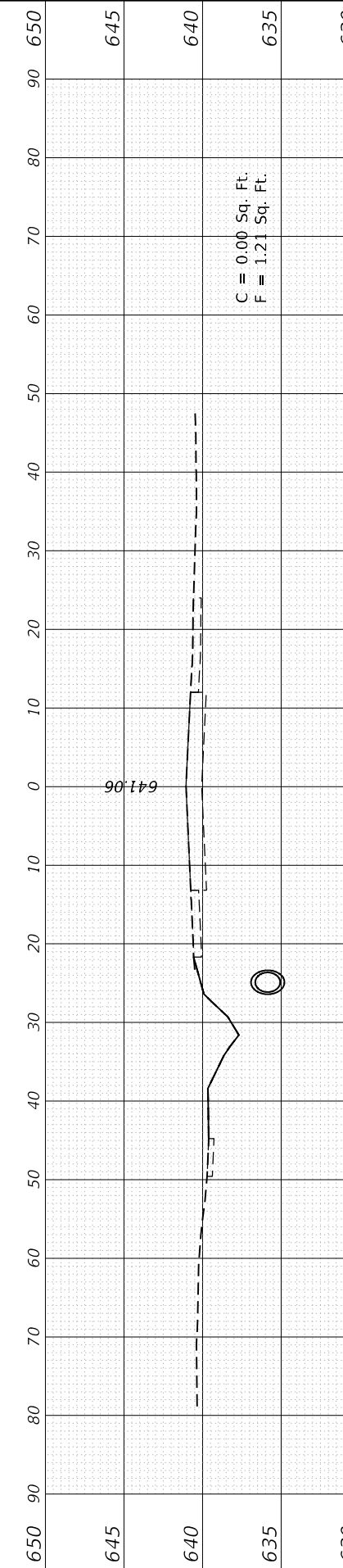
508 + 00.0000 R1

C = 6.17 Sq. Ft.
F = 0.31 Sq. Ft.



507 + 50.0000 R1

C = 0.00 Sq. Ft.
F = 0.00 Sq. Ft.



507 + 00.0000 R1

C = 0.00 Sq. Ft.
F = 1.21 Sq. Ft.

USER NAME	= elkhatabaj
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 20.0024' / in.
PLOT DATE	= 2/7/2020

REVISD	-
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FULLERTON AVE. (SARAH ST. TO SILVER CREEK DR.)
CROSS SECTIONS**

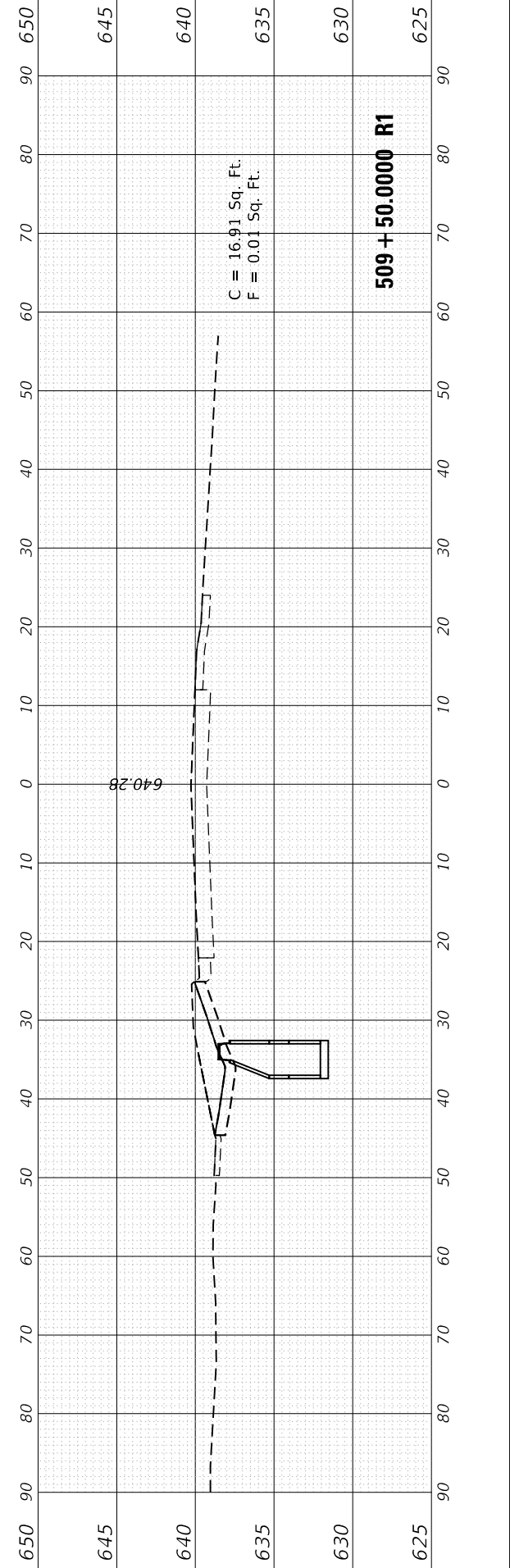
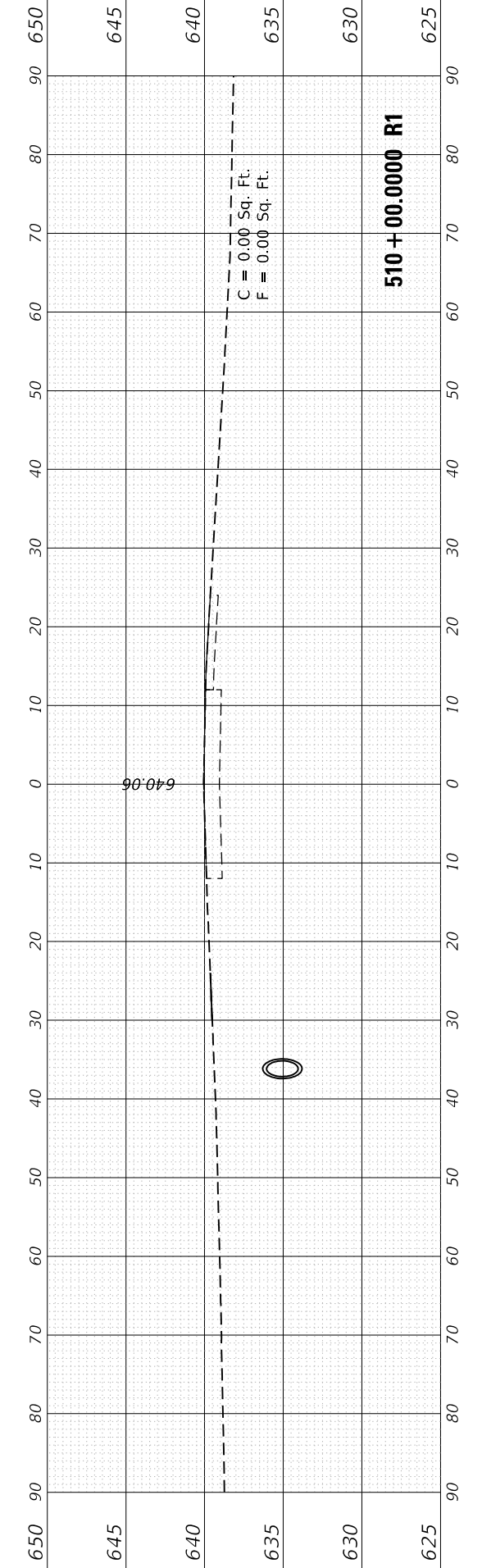
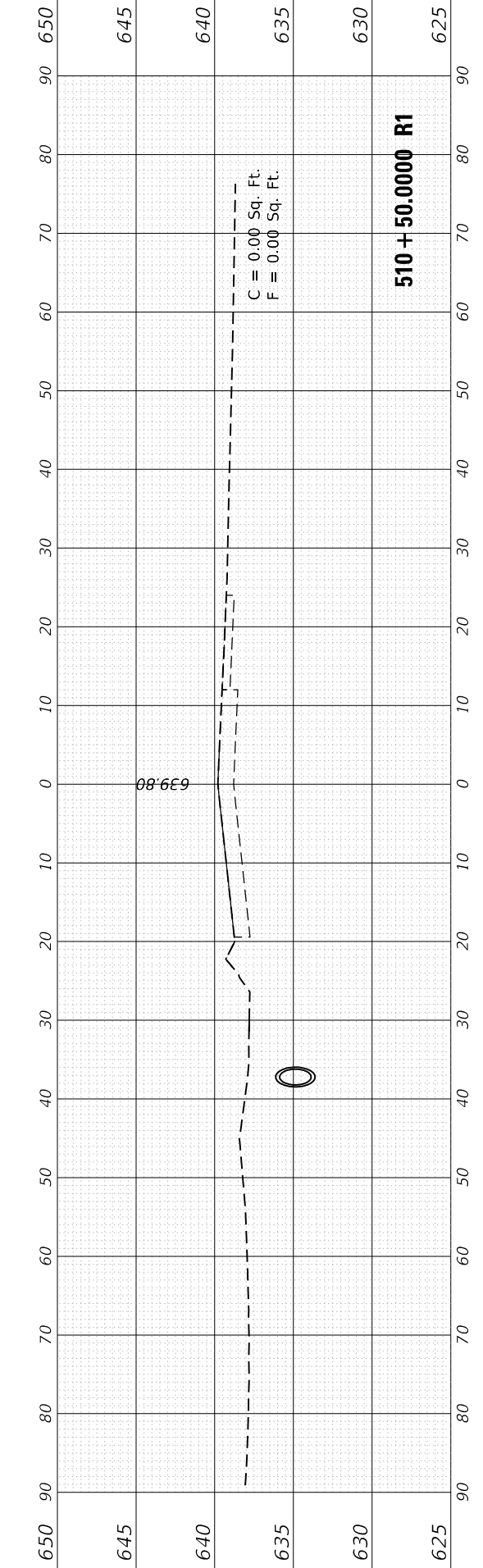
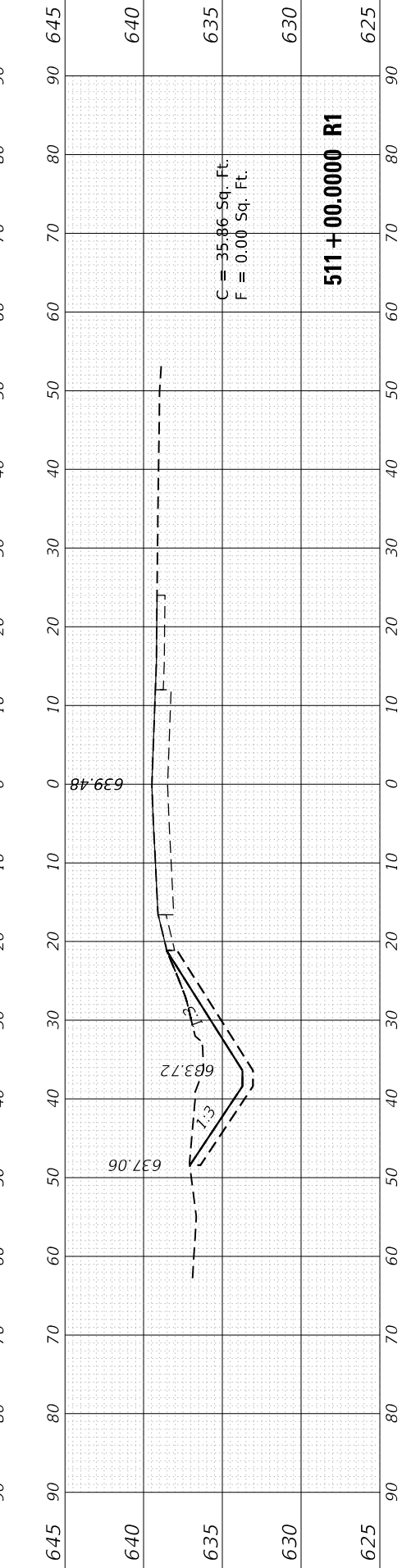
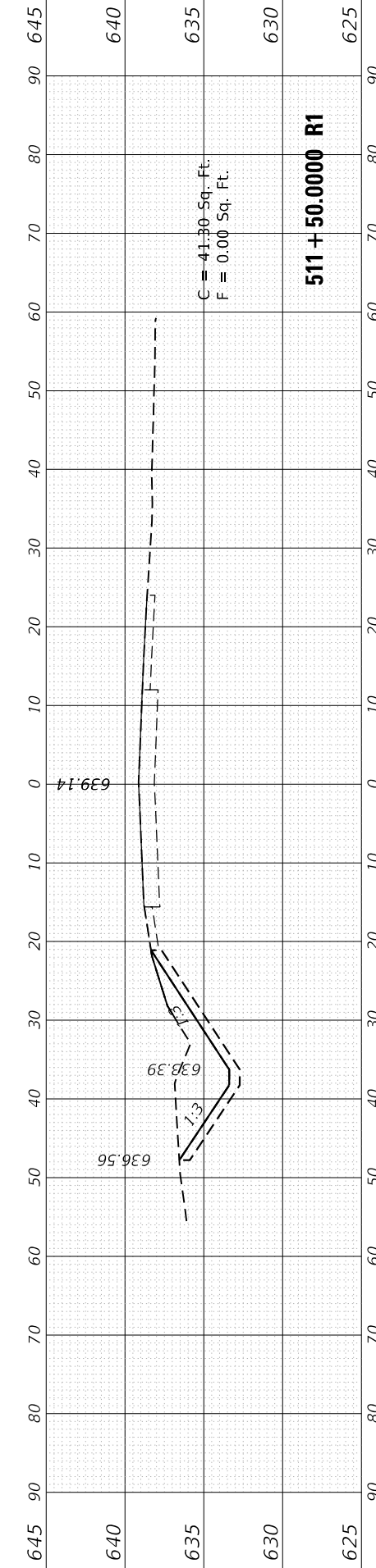
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1381	0101.1-DR-1	COOK	40	36
CONTRACT NO. 62F18				
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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PLOT DATE = 2/7/2020	DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FULLERTON AVE. (SARAH ST. TO SILVER CREEK DR.)
CROSS SECTIONS**

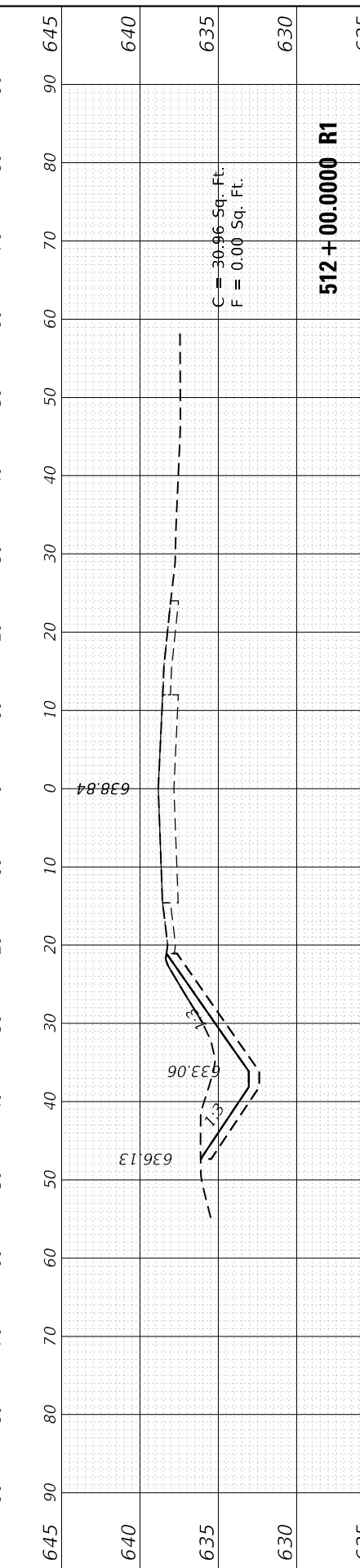
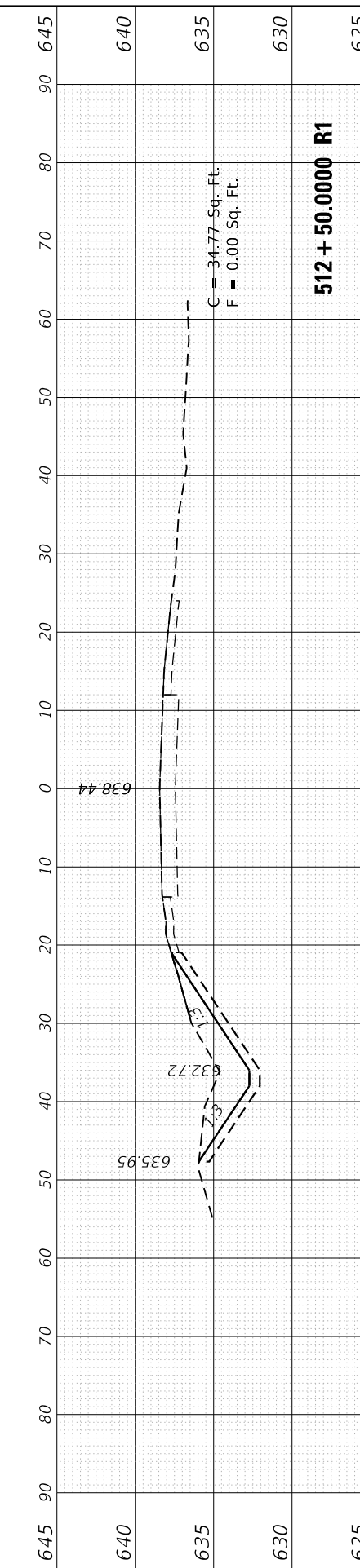
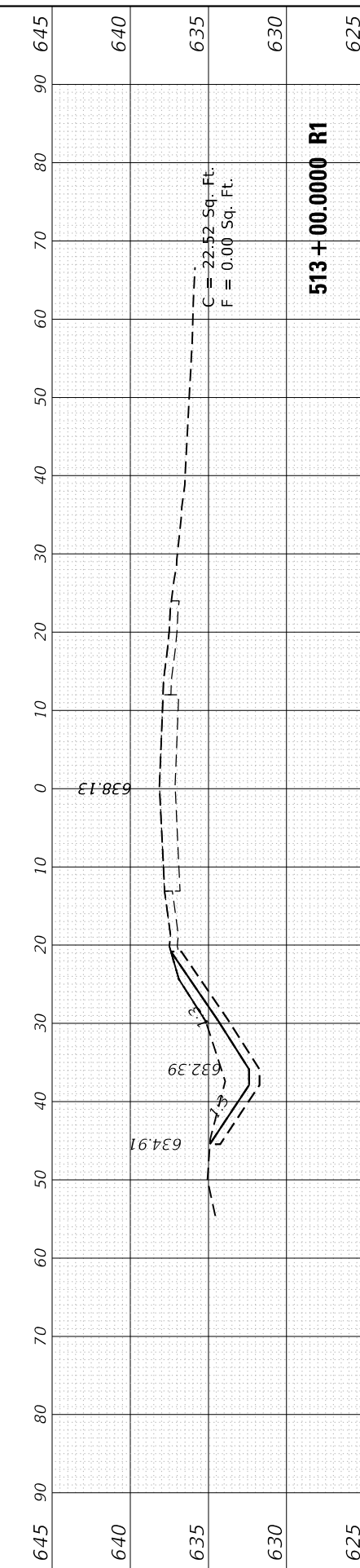
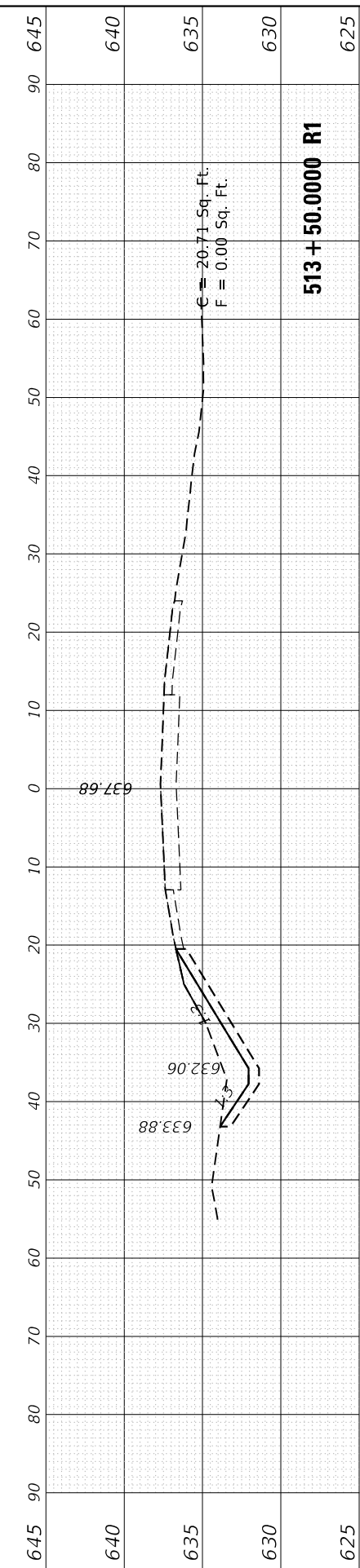
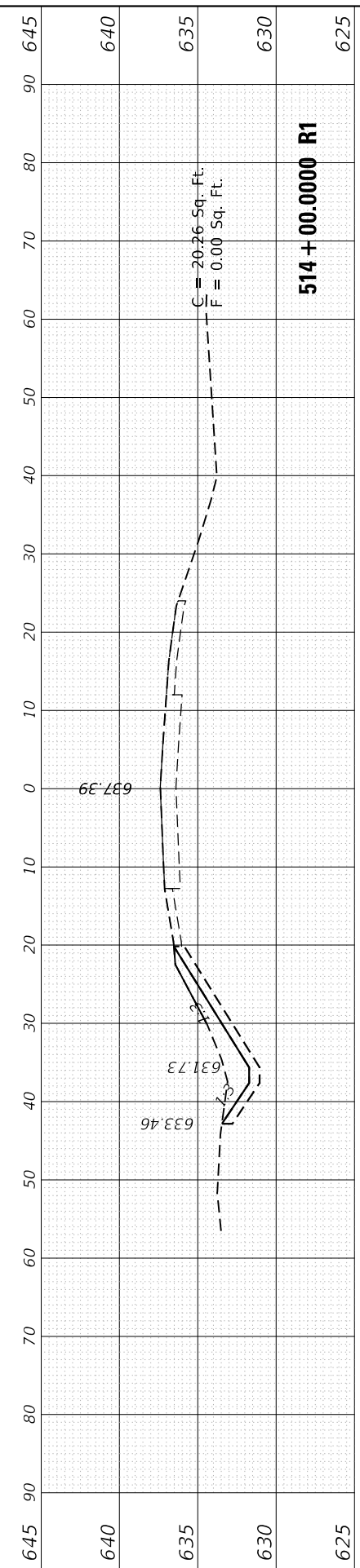
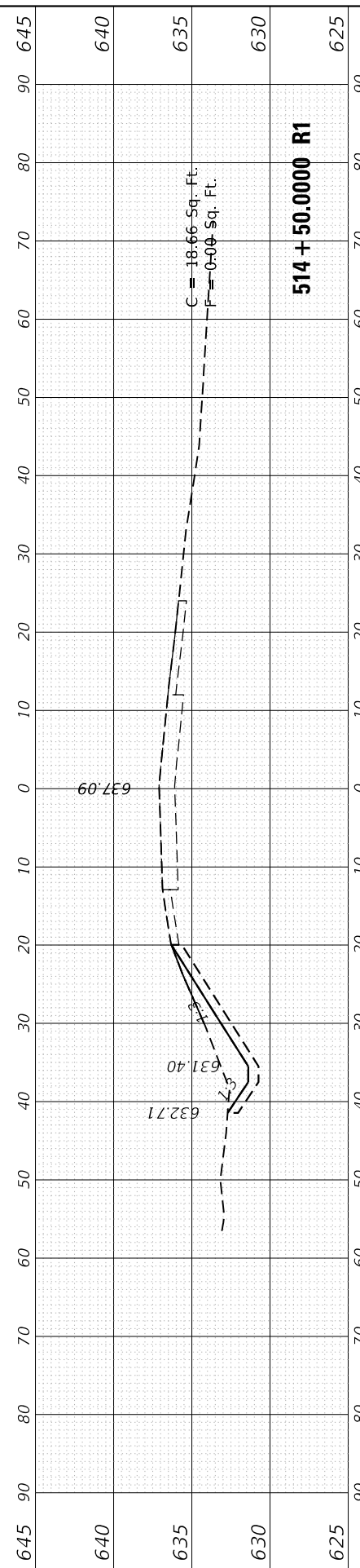
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CONTRACT NO. 62F18			ILLINOIS FED. AID PROJECT	

SCALE: SHEET OF SHEETS STA. 509+50.0000 R1 TO STA. 511+50.0000 R1

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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USER NAME = elkhatabaj
DESIGNED -
DRAWN -
PLOT SCALE = 20.0024' / in.
PLotted DATE = 2/7/2020

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FULLERTON AVE. (SARAH ST. TO SILVER CREEK DR.)
CROSS SECTIONS**

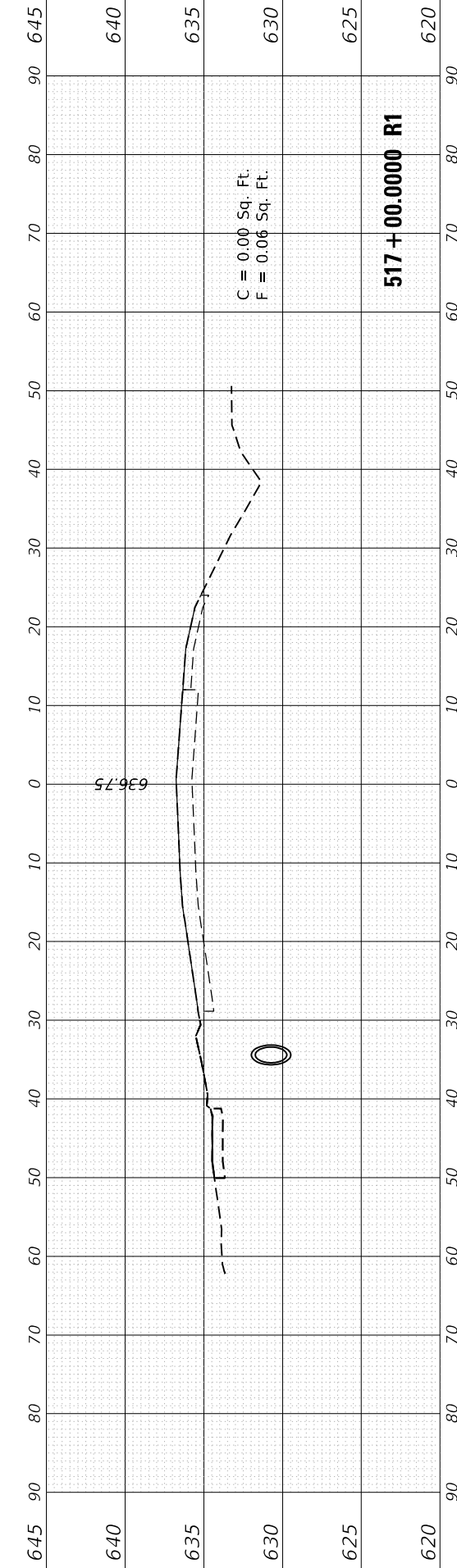
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1381	0101.1-DR-1	COOK	40	38
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62F18	

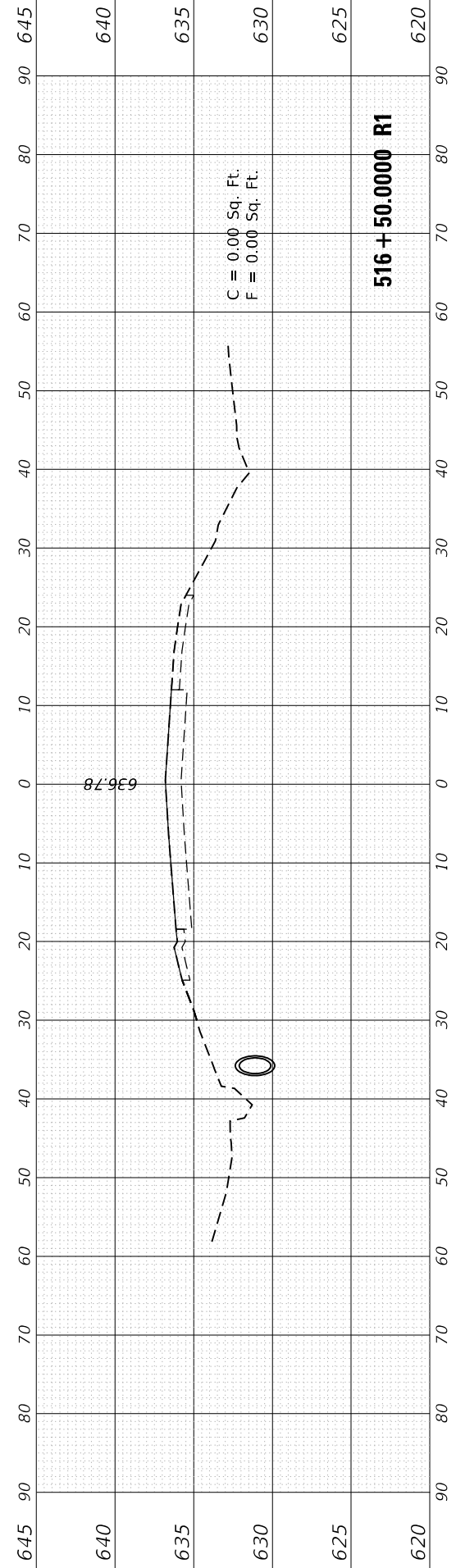
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NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
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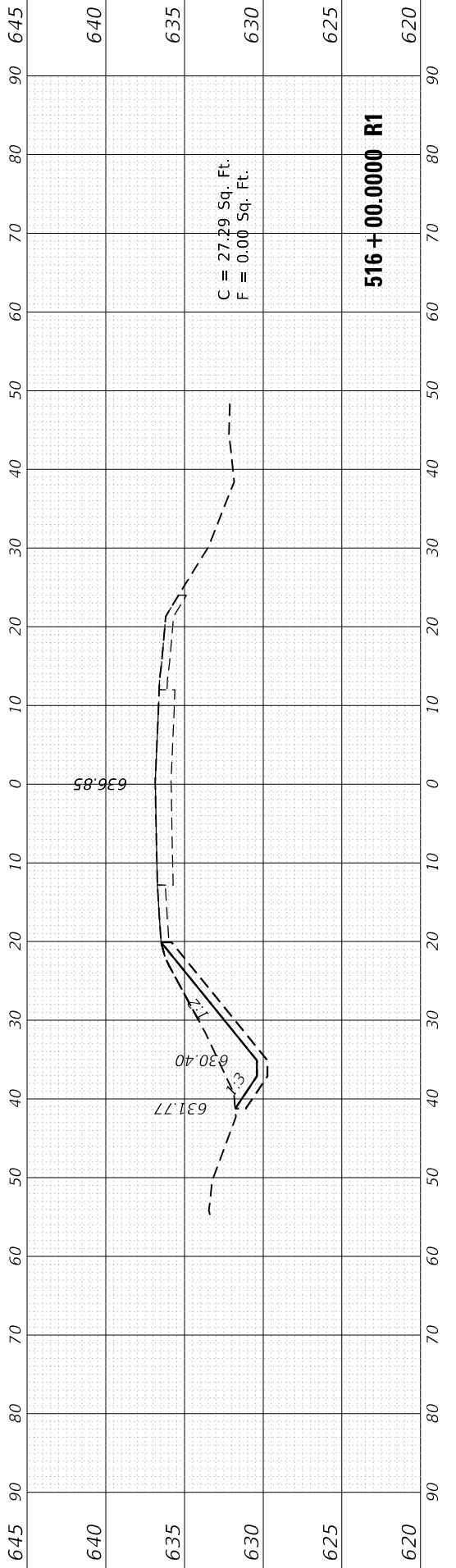
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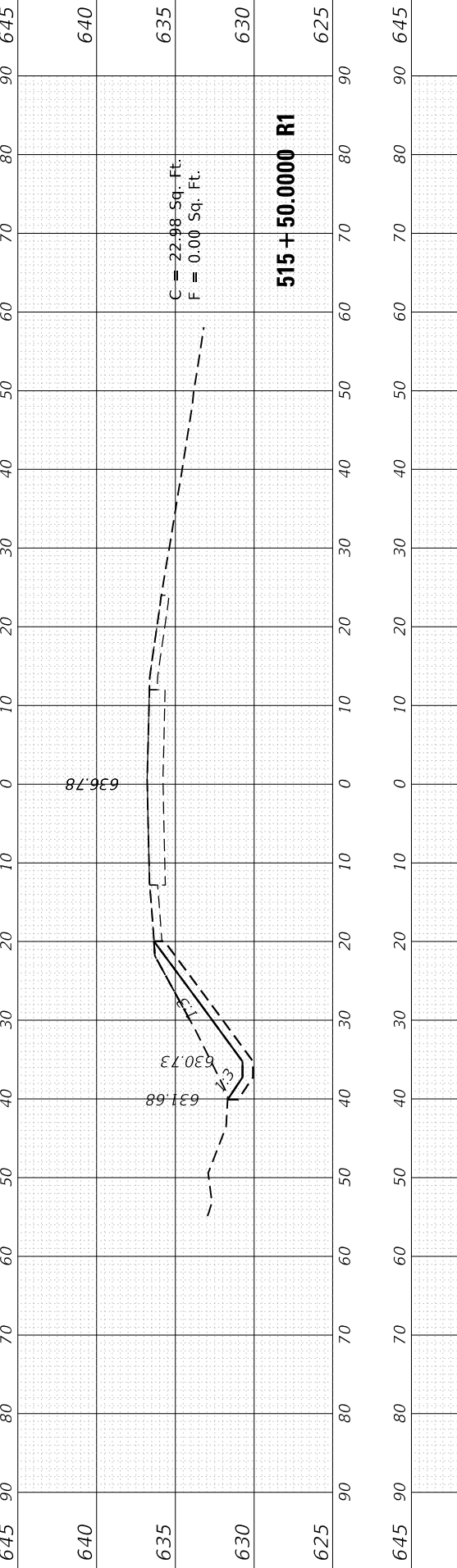
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	DATE -	REvised -



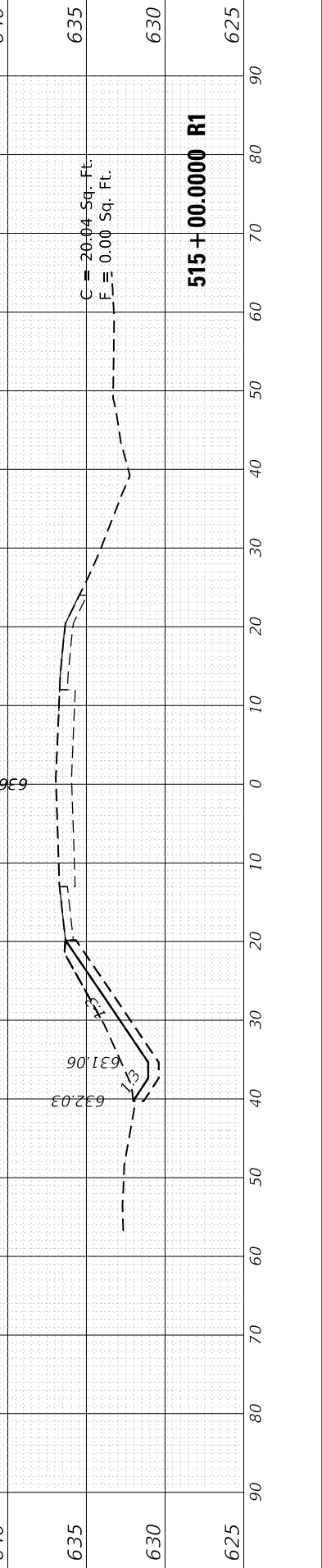
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	DATE -	REvised -



	DESIGNED -	REvised -
	DRAWN -	REvised -
	CHECKED -	REvised -
	DATE -	REvised -



	DESIGNED -	REvised -
	DRAWN -	REvised -
	CHECKED -	REvised -
	DATE -	REvised -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

FULLERTON AVE. (SARAH ST. TO SILVER CREEK DR.)
 CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 515+00.0000 R1 TO STA. 517+00.0000 R1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1381	0101.1-DR-1	COOK	40	39
CONTRACT NO. 62F18				
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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PLOT DATE = 2/7/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FULLERTON AVE. (SARAH ST. TO SILVER CREEK DR.)
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 517+50.0000 R1 TO STA. 518+25.0000 R1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1381	0101.1-DR-1	COOK	40	40
CONTRACT NO. 62F18				
ILLINOIS		FED. AID PROJECT		

