11-5-2021 LETTING ITEM 015

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

PROPOSED

FAU ROUTE 1321: IL 19 (IRVING PARK RD) IL 25 TO IL 59

SECTION: 2021-016-RS&SW PROJECT: STP-JGOM(982)

STANDARD OVERLAY & ADA IMPROVEMENTS

COOK AND KANE COUNTIES

HIGHWAY PLANS

PROJECT IS LOCATED IN THE CITY OF ELGIN AND **VILLAGE OF STREAMWOOD**

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA

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IL 19 (E CHICAGO ST) 2019 ADT = 9000 - 16200SPEED LIMIT = 35 - 45 MPH

IL 19 (IRVING PARK RD) 2019 ADT = 14200SPEED LIMIT = 35 MPH

> PROJECT BEGINS STA. 13 + 89



ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

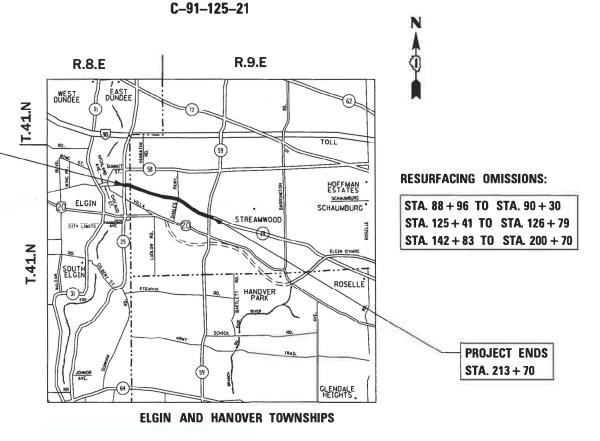
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS 1-800-892-0123

OR 811

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PROJECT ENGINEER: DAN WILGREEN, PE, (847) 705-4240 PROJECT MANAGER: FAWAD AQUEEL, PE, PTOE, (847) 705-4247

CONTRACT NO. 62N52



LOCATION MAP

GROSS LENGTH = 19981 FT. = 3.78 MILES NET LENGTH = 13922 FT. = 2.64 MILES

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

LOCATION OF SECTION INDICATED THUS: -

***** 45 + 6 = 51 TOTAL SHEETS

D-91-102-21

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REV-SEP

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HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
442201-03	CLASS C AND D PATCHES
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINALS, TYPE 2
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
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS, DAY ONLY
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS LESS THAN OR EQUAL TO 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE. MULTILANE INTERSECTION
701901-08	TRAFFIC CONTROL DEVICES
886001-01	DETECTOR LOOP INSTALLATIONS

GENERAL NOTES

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOUR NOTIFICATION REQUIRED)

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF ELGIN AND VILLAGE OF STREAMWOOD.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT THE WRITTEN PERMISSION OF THE DEPARTMENT.

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

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

ALL PAVEMENT PATCHING, CURB AND GUTTER REMOVAL AND REPLACEMENT, DRAINAGE ADJUSTMENT LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.

WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS, AND 1 INCH WHERE THE SPEED LIMIT IS OVER 45 MPH. WITH WRITTEN APPROVAL FROM THE RESIDENT ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM OF 1-3 (V-H)

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.

THE RESIDENT ENGINEER SHALL CONTACT WALTER CZARNY, ARTERIAL TRAFFIC FIELD ENGINEER, AT WALTER.CZARNY@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

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.

PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.

BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURE AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS, OVERNIGHT CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING.

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 SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

ALL PROPOSED SIDEWALK RAMPS WITHIN THE LIMITS OF THE PROJECT SHALL CONFORM TO CURRENT ADA REQUIREMENTS AND APPLICABLE STATE HIGHWAY STANDARDS OR AS DETERMINED BY THE ENGINEER.

CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.

BRICK CROSSWALKS SHALL REMAIN IN PLACE AND SHALL BE OMITTED FROM PAVEMENT RESURFACING LIMITS.

		<u>2</u> 1	REVISED SHEE	Г 10/19	/2021
//====================================	F.A.U.	SECTION	COLINTY	TOTAL	SHEET

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 19 (IRVING PARK RD)
INDEX, HIGHWAY STANDARDS & GENERAL NOTES

| SHEET OF SHEETS | STA. TO STA.

				CONSTRUCTION CODE		
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	100% STATE
				ROADWAY	ROADWAY	ROADWAY
CODE NO.	ITEM	UNIT	TOTAL	COOK COUNTY	KANE COUNTY	
NO.			QUANTITY URBAN	0005	0005	0005
20200100	EARTH EXCAVATION	CU YD	68	63.5	4.5	
		00 .5			1	
				Ī	i	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	234	203	31	
25200110	SODDING, SALT TOLERANT	SQ YD	234	203	31	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	50562	43888	6674	
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	190	165	25	
				Ī		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	504	504		
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	535	276	259	
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	749	650	99	
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	3004	2607	397	
40604172	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70	TON	7444	6461	983	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	4441	3855	586	
			 	, ,		
42400800	DETECTABLE WARNINGS	SQ FT	489 320	447 278 3/2	42	
			Juuuu			
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	63317	63317		
44000600	SIDEWALK REMOVAL	SQ FT	4028	3496	532	
			-	•		

* SPECIALTY ITEM

USER NAME = alramahij	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/13/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 19 (IRVING PARK RD)
SUMMARY OF QUANTITIES

SHEET 3 OF 45 SHEETS STA. TO STA.

SCALE:

CONSTRUCTION CODE

				CONSTRUCTION CODE		
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	100% STATE
				ROADWAY	ROADWAY	ROADWAY
CODE	ITEM	UNIT	TOTAL	COOK COUNTY	KANE COUNTY	
NO.			QUANTITY URBAN	0005	0005	0005
			01127111			
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1615	1402	213	
88600600	DETECTOR LOOP REPLACEMENT	FOOT	4549	3795	754	
V0220050	CONSTRUCTION LAWOUT (SPECIAL)	I SUM		0.5	0.5	
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	0.5	0.5	
X4400100	PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)	SQ YD	3134	1371	1763	
X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	350	304	46	
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	35	35		
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	1050 1235	911	139	
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	798 399	329	70 } <u>A</u>	399
Z0018600	DRAINAGE STRUCTURES TO BE RECONSTRUCTED	EACH	20	20		
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	51.4	25 . 7	25.7	
Z0033700) LONGITUDINAL JOINT SEALANT	FOOT	31534	29733	1801	
20033700	EUNGTTODTIVAL JOTN'T SEALANT	1001	31334	29733	1001	
Z0076600) TRAINEES	HOURS	500	500		
Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOURS	500	500		

* SPECIALTY ITEM

USER NAME = alramahij	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/13/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 19 (IRVING PARK RD) SUMMARY OF QUANTITIES SHEET 7 OF 45 SHEETS STA. TO STA.

SCALE:

CONSTRUCTION CODE

2 REVISED SHEET 10/19/2021

