		INDEX OF SHEE	TS	
SHEET NO.	DESCR	RIPTION		
1	COVER SHEE	Т		
2	INDEX OF SH	IEETS, STATE STANDARDS & GENERA	L NOTES	
3-6	SUMMARY OF	QUANTITIES		
7	SCHEDULE O	F QUANTITIES		
8-9	TYPICAL SEC	TIONS		
10-20	ROADWAY PA	AVEMENT MARKING AND LANDSCAPIN	G PLANS	
21-61	ADA RAMP D	ETAILS		
62-74	DETECTOR LO	OOP REPLACEMENT DETAILS		
75	BD-02: DRIVE	EWAY DETAILS DISTANCE BETWEEN R	ROW AND FACE OF CURB < 15'	
76	BD-08: DETA	ILS FOR FRAMES AND LIDS ADJUSTM	ENT WITH MILLING	
77	BD-22: PAVEI	MENT PATCHING FOR HMA SURFACED) PAVEMENT	
78	BD-24: CURB	OR CURB AND GUTTER REMOVAL A	ND REPLACEMENT	
79	BD-32: BUTT	JOINT AND HMA TAPER DETAILS		
80	BD-58: VILLA	GE OF ORLAND PARK DETECTABLE W	VARNINGS	
81	TC-10: TRAFF	FIC CONTROL AND PROTECTION FOR	SIDE ROADS,	
	INTER	RSECTIONS AND DRIVEWAYS		
82	TC-11: TYPIC	AL APPLICATIONS RAISED REFLECTIVE	E PAVEMENT MARKERS (SNOW-PLO	W RESISTANT)
83		ICT ONE TYPICAL PAVEMENT MARKIN		
84	TC-14: TRAFF	FIC CONTROL AND PROTECTION AT T	URN BAYS	
		REMAIN OPEN TO TRAFFIC)		
85	,	T TERM PAVEMENT MARKING LETTER	S AND SYMBOLS	
86		RIAL ROAD INFORMATION SIGN	3 MAD STRIBUES	
87			ON DETAILS FOR BOADWAY RESUR	EACING
88		ICT 1 - DETECTOR LOOP INSTALLATION		TACING
89		ECT DETAIL FOR SINGLE PERPEDINCU		
90		ECT DETAIL FOR DOUBLE PERPENDICU		65
91		ECT DETAIL FOR SINGLE PERPENDICU		CE
92		ECT DETIAL FOR DEPRESSED CORNER		
93 STANDARD N		ECT DETAIL FOR PARALLEL CURB RAN <u>DESCRIPTION</u>	APS	
000001-07	— STAND	ARD SYMBOLS, ABBREVIATIONS AND	PATTERNS	
424001-11	PERPEN	NDICULAR CURB RAMPS FOR SIDEWA	LKS	
424006-04	DIAGO	NAL CURB RAMPS FOR SIDEWALKS		
424011-04	CORNE	R PARALLEL CURB RAMPS FOR SIDEV	VALKS	
424016-05		OCK CURB RAMPS FOR SIDEWALKS		
424021-05		SSED CORNER FOR SIDEWALKS		
424026-03 424031-02		NCE / ALLEY PEDESTRIAN CROSSINGS N PEDESTRIAN CROSSINGS		
442201-03		C AND D PATCHES		
		USER NAME = skinneral	DESIGNED -	REVISED - 12/17/2020 A
		PLOT SCALE = 100.0000 ' / in.	DRAWN - CHECKED -	REVISED - REVISED -
		PLOT DATE = 12/17/2020	DATE	REVISED -

PLOT DATE = 12/17/2020

DATE

STANDARD NO. 606301-04	DESCRIPTION PC CONCRETE ISLANDS AND MEDIANS
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS >= 45 MP
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS <= 40 MP
701428-01	TRAFFIC CONTROL SET UP AND REMOVAL FREEWAY/EXPRESSWAY
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
814001-03	HANDHOLES

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
- 2. 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.
- 3. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGES OF WORTH, PALOS HEIGHTS, AND ORLAND PARK
- 4. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- 5. SIDEWALK RAMPS MODIFICATIONS WITHIN THE LIMITS OF THE PROJECT SHALL CONFORM TO THE APPLICABLE HIGHWAY STANDARDS INCLUDED IN THE PLANS.
- 6 ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.
- 7. 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.
- 8. 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
- 9. ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 10. LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT FOR COMBINATION CURB AND GUTTER (THE TYPE SPECIFIED ON THE PLANS)], WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 11. DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 12. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 13. 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.
- 14. SIDEWALK REMOVAL AND P.C.C. SIDEWALK 5" LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.
- 15 THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE ARTERIAL TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK

GENERAL NOTES (CONT.)

- 16. THE RESIDENT ENGINEER SHALL CONTACT PATRICE HARRIS, AREA TRAFFIC FIELD TECHNICIAN AT PATRICE.HARRIS@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT
- 17. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- 18. THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF PLATED STRUCTURES BY STATION AND OFFSET LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT
- 19. THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEET OR RIGHT OF THE CENTERLINE OF PAVEMENT, UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER
- 20. 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.
- 21. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- 22. PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
- 23. WHEN THE MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES (40 mm) WHERE THE SPEED LIMIT IS 40 MPH (80 km/h) OR LESS AND 1 INCH (25 mm) WHERE THE SPEED LIMIT IS GREATER THAN 40 MPH (80 km/h), WITH WRITTEN APPROVAL OF THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 mm) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H) OR A NOTCHED LONGITUDINAL WEDGE IS USED.
- 24. OVERNIGHT LANE CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURES AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS.
- 25. CONTACT THE ROADSIDE DEVELOPMENT UNIT 72 HOURS PRIOR TO TREE REMOVAL AND WEED CONTROL AT (847) 705-4171.

- 26 DURING CONSTRUCTION OF PROPOSED IMPROVEMENTS ALONG 135TH STREET WEST OF HARLEM AVENUE. THE ROADWAY SHALL REMAIN OPEN FOR ALL TRAFFIC
- AT ALL TIMES IF ANY ACTIVITY THAT REQUIRES ENCROACHMENT INTO A LANE OPEN FOR TRAFFIC. THAT ACTIVITY SHALL BE RESTRICTED TO WITHIN THE HOURS OF
- 9:00 AM TO 3:00 PM FOLLOWING THE APPLICABLE IDOT AND IDOT-DISTRICT 1 TRAFFIC
- CONTROL STANDARDS INCLUDED IN THE PLANS FOR OFF-ROAD AND ON-ROAD APPLICATIONS.
- 27. IF ANY EXISTING PAVEMENT MARKING AND/OR SIGNING ALONG 135TH STREET WEST OF HARLEM AVENUE IS DAMAGED DUE TO THE CONSTRUCTION OF THE PROPOSED IMPROVEMENT, THE CONTRACTOR SHALL REPLACE THE DAMAGED TRAFFIC CONTROL DEVICES TO THE SATISFACTION OF COOK COUNTY PER IDOT AND IDOT-DISTRICT 1 STANDARDS FOR TRAFFIC CONTROL DEVICES FOR PAVEMENT MARKING AND SIGNAGE INCLUDED IN THE PLANS.
- 28. CAST IRON DETECTABLE WARNINGS ARE TO BE INSTALLED IN THE VILLAGE OF ORLAND PARK

FROM 159TH STREET TO 151ST STREET.

/1\ REVISED SHEET 12/21/2020

IL-43 (HARLEM AVE) (111TH STREET TO US 6 (159TH ST)) INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES OF SHEETS STA.

REV-SEP COUNTY 348 2020-101-RS&SW COOK 93 CONTRACT NO. 62L79

	SUMMARY OF QUANTITIES				CO	NSTRUCTIO	N TYPE C	ODE		CIRA	MARY OF QUANTITIES			<u> </u>	CO	NSTRUCTIO	N TYPE CO	DDE
	SUMMANT OF QUANTITIES		TOTAL	80%					1	JUMIN	TART OF QUANTITIES		TOTAL	80%				
CODE NO	ITEM	UNIT	OUANTITIES URBAN	STATE 0005	100% STATE 0005				CODE	10	ITEM	UNIT	QUANTITIES URBAN	FEDERAL 20% STATE 0005	100% STATE 0005			
89500400	RELOCATE EXISTING PEDESTRIAN	EACH	22	22	\triangle				x70300	D5 TEMPORARY	PAVEMENT MARKING REMOVAL	SO FT	50869	50869				
	PUSH-BUTTON																	
									Z00045	COMBINATIO	N CONCRETE CURB AND GUTTER	FOOT	3202	3202				
89502376	REBUILD EXISTING HANDHOLE	EACH	6	6						REMOVAL AN	D REPLACEMENT							
к0026700	TREE CARE	EACH	121	121					Z00185	DO DRAINAGE S	TRUCTURES TO BE CLEANED	EACH	346		346			
коо29618	WEED CONTROL, BROADLEAF IN TURF	GALLON	30	30					Z00308	TEMPORARY	INFORMATION SIGNING	SO FT	52	52				
x0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1					Z00337	DO LONGITUDIN	AL JOINT SEALANT	FOOT	65974	65974				
X0325222	WEED CONTROL, BASAL TREATMENT	GALLON	30	30					Z00648	OO SELECTIVE	CLEARING	UNIT	16	16	<u> </u>			
									Ø 200766	OO TRAINEES		HOURS	500	500				
X0326681	REMOVE AND RE-ERECT BOULDERS	L SUM	1	1					Ø 200766	TRAINEES -	TRAINING PROGRAM GRADUATE	HOURS	500	500				
X0327611	REMOVE AND REINSTALL BRICK PAVER	SO FT	125	125					200648	SELECTIVE C	CLEARING	UNITS	135	135				
X4240800	DETECTABLE WARNINGS (SPECIAL)	SO FT	200	200														
X4400501	COMBINATION CURB AND GUTTER REMOVAL AND	FOOT	1227	1227														
X4400301	REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	1001	1221	1221														
X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SO FT	1 38808	138808														
x5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	2100		2100													
X6026624	VALVE BOXES TO BE ADJUSTED (SPECIAL)	EACH	5	5														
x6030310	FRAMES AND LIDS TO BE ADJUSTED	EACH	25	25													/1\ REVISE	SHEET 12/21/2020 Ø 0042
	(SPECIAL)																	REV-SEP
																	* = \$	PECIALTY ITEMS
FILE NAME = pw:\\planroom.dotJilinois.	sgar-PWIDOT\Documents\DOT Offices\District NProjects\District NProject	SIGNED - ANN - ECKED - TE -	1	REVISED REVISED REVISED REVISED	- -		DI		ILLINOIS (RANSPO	TATION	SUMMAF SCALE: SHEET NO. OF	RY OF QUANT		O STA.	F.A.P. RTE. 348	SECTION 2020-101-	RS&SW	COUNTY TOTAL SHEET NO.

LANDSCAPING SCHEDU	LE	
TREATMENT	UNIT	QUANTITY
TREATMENT A		
SELECTIVE CLEARING	UNIT	119 /1
INTERSEEDING, CLASS 1B	ACRE	2.8
TREATMENT B		
SELECTIVE CLEARING	UNIT	16
TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	SQ YD	1725
SEEDING, CLASS 1B	ACRE	0.4
FERTILIZER NUTRIENTS	POUNDS	32
MULCH METHOD 2	ACRE	0.4
TREATMENT C		
CONCRETE MEDIAN SURFACE REMOVAL, 4"	SQ FT	138808
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	857
TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	SQ YD	15424
SEEDING, CLASS 2A	ACRE	3.2
FERTILIZER NUTRIENTS	POUND	287
EROSION CONTROL BLANKET	SQ YD	15424

LANDSCAPING O	PERATIONS CALENDAR	
DATES	DESCRIPTION	
MARCH 1 – APRIL 15	TREE REMOVAL	
MARCH 1 – APRIL 15	SELECTIVE CLEARING	
MARCH 1 – APRIL 15	TREE PRUNING	
APRIL 1 - NOVEMBER 1	TREE CARE	
APRIL 1 - NOVEMBER 1	WEED CONTROL, BASAL TREATMENT	
APRIL 1 – MAY 1	MOWING (CYCLE 1)	
MAY 1 – JUNE 30	WEED CONTROL, BROADLEAF IN TURF	
JULY 1 – AUGUST 1	MOWING (CYCLE 2)	
AUGUST 1 - NOVEMBER 1	INTERSEEDING, CLASS 1B	
AUGUST 1 - NOVEMBER 1	INTERSEEDING, CLASS 2A	

TREATMENT LOCATIONS

START STA.	END STA.	TREATMENT A AREA (SF)	LT/RT	OFFSET
49+90	50+00	100	RT	54.9'
50+25	50+35	100	RT	54.5'
56+00	56+10	100	RT	54.4'
58+40	58+50	100	LT	46.5'
60+20	60+30	100	RT	56'
62+30	72+00	14550	RT	50'
86+00	88+00	3000	LT	50'
86+00	88+00	3000	RT	50'
90+00	100+00	10000	RT	50'
103+00	113+00	15000	RT	50'
108+00	113+00	7500	LT	50'
124+50	130+00	5500	RT	50'
132+00	147+00	15000	RT	50'
159+00	168+25	9250	RT	50'
161+00	164+00	3000	LT	50'
166+50	167+80	1300	LT	50'
175+00	179+00	6000	LT	50'
176+00	179+50	5250	RT	50'
186+00	190+00	4000	RT	50'
193+00	198+00	7500	LT	50'
193+00	195+50	2500	RT	50'
197+00	199+00	2000	RT	50'
284+37	286+37	4000	RT	56.7'
290+46	290+76	300	LT	50'
331+90	332+00	100	RT	44.6'

TREATMENT B						
START STA.	END STA.	AREA (SF)	LT/RT	OFFSET		
202+50	204+50	1000	LT	50'		
207+00	208+70	850	LT	50'		
209+55	212+20	1325	LT	50'		
214+50	215+50	500	LT	50'		
218+25	220+45	1100	LT	50'		
270+30	271+50	1200	RT	50'		
284+87	286+37	1500	LT	50'		
291+00	295+50	1300	RT	50'		
297+00	298+30	6750	LT	52.4'		

TREATMENT C — MEDIAN REMOVAL						
START STA.	END STA.	AREA (SF)	VOLUME (CF)	VOLUME (CY)		
67+45	118+30	62277	10379	384		
124+39	130+87	7318	1220	45		
132+56	149+90	21423	3571	132		
151+64	157+90	7269	1211	45		
159+58	164+19	4124	687	25		
165+86	172+02	6494	1082	40		
175+96	185+64	11261	1877	70		
186+50	199+11	15220	2537	94		
294+44	298+64	3421	570	21		

LANDSCAPING LEGEND



TREATMENT A



TREATMENT B



TREATMENT C

NOTES

- NOTE 1: LOCATIONS FOR TREE REMOVAL AND TREE PRUNING WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER
- NOTE 2: DEPTH FOR REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL IS 2" FOR TREATMENT C.

USER NAME = skinneral	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 5000.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/15/2020	DATE -	REVISED -

SCHEDULE OF QUANTITIES IL. ROUTE 43 (HARLEM AVE.) (111TH ST. TO U.S. ROUTE 6 (159TH ST.)) SHEET OF SHEETS STA.

 \bigwedge REVISED SHEET 12/21/2020 REV-SEP COUNTY TOTAL SHEET NO.

COOK 93 7 2020-101-RS&SW CONTRACT NO. 62L79

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** REVISED -