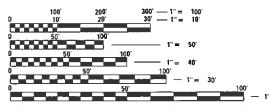
### 03-05-2021 LETTING ITEM 009

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATAEXISTING ADT = 26200 (2018)POSTED SPEED LIMIT = 30 MPH

THE IMPROVEMENT IS LOCATED IN THE CITY OF CHICAGO



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.

C.U.A.N. CHICAGO UTILITY ALERT NETWORK 1-312-744-7000

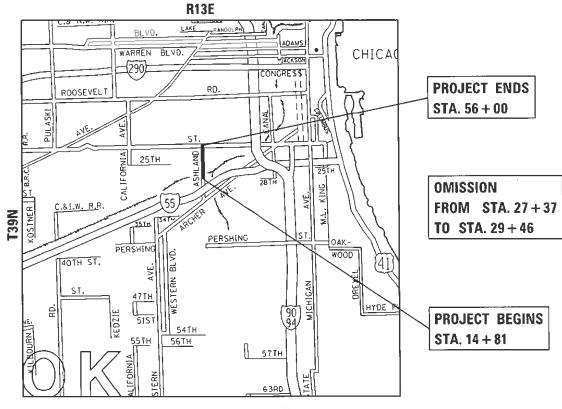
CONTRACT NO. 62L54

PROJECT MANAGER: J. ALAIN MIDY (847) 221-3056

# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

# PROPOSED HIGHWAY PLANS

FAU ROUTE 2853: ASHLAND AVENUE CERMAK RD. TO MARKETPLACE ACCESS RD. SECTION: 2020–076–RS&SW PROJECT: NHPP–EC6D(063) STANDARD OVERLAY WITH ADA IMPROVEMENTS COOK COUNTY C–91–273–20



WEST CHICAGO TOWNSHIP

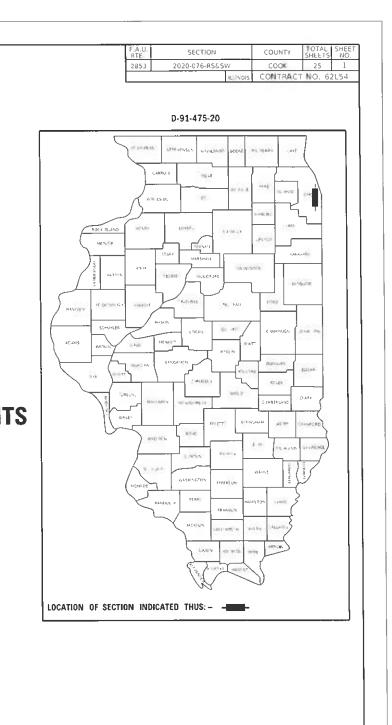
GROSS LENGTH = 4,119 FT. = 0.780 MILE NET LENGTH = 3910 FT. = 0.741 MILE

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### PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

### **INDEX OF SHEETS**

- INDEX OF SHEETS, STANDARDS AND 2 GENERAL NOTES
- 3-4 SUMMARY OF QUANTITIES
- 5 TYPICAL SECTIONS
- ROADWAY PLAN SHEETS 6-7
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- 12 CITY OF CHICAGO DETAILS FOR P.C. CONCRETE DRIVEWAY, ALLEY RETURN AND SIDEWALK (BD-17)
- PAVEMENT PATCHING FOR HMA 13 SURFACED PAVEMENT (BD-22)
- 14 CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)
- 15 BUTT JOINT AND HMA TAPER DETAILS (BD-32)
- 16 CITY OF CHICAGO CATCH BASIN INLET AND MANHOLE DETAILS (BD-47)
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### **STATE 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
- 701006-05 OFF-RD OPERATIONS, 2L. 2W. 15' (4.5 m) TO 24'' (600 mm) FROM PAVEMENT EDGE
- 701011-04 OFF-RD MOVING OPERATIONS. 2L. 2W. DAY ONLY
- OFF-RD OPERATIONS. MULTILANE, 15' (4.5 m) TO 24'' (600 mm) FROM PAVEMENT EDGE 701101-05
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS DAY ONLY
- 701427-05 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS < 40 MPH
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE 701602-10
- 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

5.

### **GENERAL NOTES – CITY OF CHICAGO**

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "C.U.A.N." (CHICAGO 1. UTILITY ALERT NETWORK) AT (312)744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED).
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES 2. AND THE CITY OF CHICAGO.
- 3. PERFORATED LIDS SHALL BE PLACED ON ALL MANHOLES AND CATCH BASINS.
- 4. SIDEWALK HANDICAPPED RAMPS SHALL NOT BE CONSTRUCTED DIRECTLY OVER EXISTING OR PROPOSED DRAINAGE STRUCTURES.
  - ALL BROKEN, CRACKED, WORN OR OTHERWISE DAMAGED OR BICYCLE UNSAFE FRAMES AND LIDS ON SEWER STRUCTURES, SHALL BE REPLACED WITH NEW DEPARTMENT OF SEWERS' STANDARD FRAMES AND LIDS.
- OPEN LID DRAINAGE STRUCTURES SHALL NOT BE CLOSED, COVERED OR OTHERWISE 6. OBSTRUCTED DURING CONSTRUCTION OF THIS ROADWAY WITHOUT THE WRITTEN PERMISSION FROM THE CITY OF CHICAGO.
- CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY OF CHICAGO AND THE 7. CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

### **GENERAL NOTES**

- 1. PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
- 2. FROM THE DEPARTMENT.
- 3. SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.
- 4. PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
- 5. LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER. 6.
- 7.
- DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER. 8.
- 9. CONSTRUCTION AND ORDERING OF MATERIALS.
- 10. RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
- SIDEWALK REMOVAL AND P.C.C. SIDEWALK 5" LOCATIONS SHALL BE DETERMINED BY THE ENGINEER. 11.
- 12. MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- 13. PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- THESE PLANS HAVE BEEN PREPARED FROM NOTES RECEIVED FROM THE BUREAU OF CONSTRUCTION. 14.
- 15. MIXTURE IS PLACED.
- 16.
- 17. RIGHT OF THE CENTERLINE OF PAVEMENT.
- 18. THE RECORD TO THE ENGINEER
- 19.
- 20. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES. 21.
- WHEN THE MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE 22. WEDGE IS USED.
- 23 THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- 24. IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS.

USER NAME = rothjp	DESIGNED -	REVISED -		INDEX	( OF SHEETS, STANDARDS AND GENERAL NOTES	F.A.U. BTE.	SECTION	COUNTY TOTAL SHEET SHEETS NO.
	DRAWN -	REVISED -	STATE OF ILLINOIS		AVE. – CERMAK RD. TO MARKETPLACE ACCESS RD.	2853	2020-076-RS&SW	СООК 25 2
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	ASILAND	AVE CERIMAN ND. IU MARNEIFLAGE AGGESS ND.			CONTRACT NO. 62L54
PLOT DATE = 1/22/2021	DATE -	REVISED -		SCALE:	SHEET 1 OF 1 SHEETS STA. TO STA.		ILLINOIS FED.	AID PROJECT

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

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

ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON

ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE

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

LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT, WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO

FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A

THE ENGINEER SHALL CONTACT EMAD ALHUSSEINI, AREA TRAFFIC FIELD ENGINEER, AT EMAD.ALHUSSEINI@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS

THE THICKNESS OF THE HMA MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA

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

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF PLATED STRUCTURES BY STATION AND OFFSET LEFT OR

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

FOR FRAMES AND LIDS ADJUSTMENT WITHOUT MILLING, REUSE EXISTING FRAME AND LID UNLESS OTHERWISE SPECIFIED IN THE PLANS.

SHALL NOT EXCEED 1/2INCHES (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

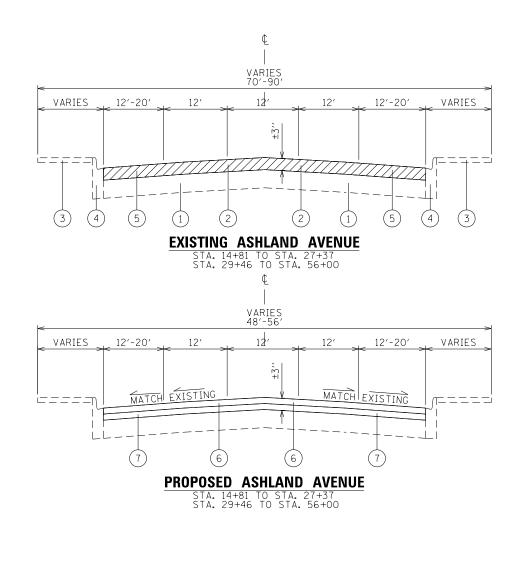
BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING TO

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

	SUMMARY OF QUANTITIES		1	1	CONS	TRUCTIO	N TYPE C	ODE				<b>.</b>		
			URBAN							1		SUMMA	RY OF QUANTITIES	
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	0005 80% STATE 20% FED							CODE NO		ITEM	UNI
20200100 E	EARTH EXCAVATION	CU YD	7.5	7.5							44201 785	CLASS D PATO	CHES, TYPE I, 12 INCH	SO Y
21101615 1	TOPSOIL FURNISH AND PLACE, 4"	SO YD	10	10							44201789	CLASS D PATO	CHES, TYPE II, 12 INCH	SQ Y
25200110 5	SODDING, SALT TOLERANT	SO YD	10	10						_	44201794		CHES, TYPE III, 12 INCH	sa y
											1201131			
25200200 5	SUPPLEMENTAL WATERING	UNIT	1	1							44201796	CLASS D PATO	CHES, TYPE IV, 12 INCH	SO Y
40600290 E	BITUMINOUS MATERIALS (TACK COAT)	POUND	22352	22352						_	60250200	CATCH BASINS	5 TO BE ADJUSTED	EAC
40600400 N	MIXTURE FOR CRACKS, JOINTS, AND	TON	50	50							60255500	MANHOLES TO	BE ADJUSTED	EAC
F	FLANGEWAYS										60300305			EACH
40600982 +	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT	SO YD	229	229							60300303	FRAMES AND L	.IDS TO BE ADJUSTED	
	JOINT									*	66900200	NON-SPECIAL	WASTE DISPOSAL	CU Y
40603200 F	POLYMERIZED HOT-MIX ASPHALT BINDER	TON	1 3 9 1	1391							66900530	SOIL DISPOSA		EACI
	COURSE, IL-4.75, N50		1551								00500550	3012 013 03		
										*	66901001	REGULATED SL	BSTANCES PRE-CONSTRUCTION	LSUN
40604172 F	POLYMERIZED HOT-MIX ASPHALT SURFACE	TON	2984	2984								PLAN		
c	COURSE, IL-9.5, MIX "E", N70													
										*	66901003	REGULATED SL	BSTANCES FINAL CONSTRUCTION	LSUN
42001300 F	PROTECTIVE COAT	SO YD	125	125								REPORT		
42400200 F	PORTLAND CEMENT CONCRETE SIDEWALK 5	SO FT	795	795						*	66901006	REGULATED SL	IBSTANCES MONITORING	CAL (
1	INCH													
										_	67000400	ENGINEER'S F	IELD OFFICE, TYPE A	CAL
44000159 H	HOT-MIX ASPHALT SURFACE REMOVAL, 21/2"	SQ YD	33115	33115						_	67100100			
											81100100	MOBILIZATION	•	LSU
44000600 5	SIDEWALK REMOVAL	SO FT	795	795										
FILE NAME =		ESIGNED -		REVISED					·		I		ASHLAND AVE. – CERMAK	
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		HECKED - ATE -		REVISED			D	CPAKIME	NI UF	I KA	ANSPORTA	IUN	SCALE: SHEET NO. 1 OF 2	
L						I								

			CO	NSTRUCTIO	N TYPE C	CODE	
IT	URBAN TOTAL QUANTITIES	0005 80% STATE 20% FED					
YD	83	83					
YD	662	662					
YD	497	497					
YD	414	414					
Сн	3	3					
СН	3	3					
Сн	10	10					
YD	7.5	7.5					
Сн	2	2					
UM	1	1					
UM	1	1					
DA	12	12					
мо	12	12					
UM	1	1					
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	ETPLACE AC	CESS RD.	F.A.U. RTE.	SECTI			REV-SEP
JANTI STA.		D STA.	 2853	2020-076-			24 3 NO. 62L54
I STA	10	- JIA	FED. RO	AD DIST. NO. 1 IL	LINUIS[FED. AID	PRUJECI	

	SUMMARY OF QUANTITIES				CONS	TRUCTIO	N TYPE C	ODE			SUMMARY O	F QUANTITIES				C	ONSTRUCTI	ON TYPE	CODE	
			URBAN TOTAL	0005										URBAN TOTAL	0005	STATE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	80% STATE 20% FED						CODE NO		ITEM	UNIT	TOTAL QUANTITIES	80% STATE 20% FED	100%				
70102620	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1					:	* 78000100	THERMOPLASTIC PA	VEMENT MARKING -	SO FT	589. 4	589.4					
	STANDARD 701501										LETTERS AND SYMB	OLS								
70102632	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1						* 78000200	THERMOPLASTIC PA	VEMENT MARKING - LINE	FOOT	15177	15177					
	STANDARD 701602										4"									
70102625	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1						* 78000400	THERMOPLASTIC PA	VEMENT MARKING - LINE	FOOT	975	975					
	STANDARD 701606										6"									
70102635	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1						* 78000600	THERMOPLASTIC PA	VEMENT MARKING - LINE	FOOT	1585	1585					
	STANDARD 701701										12"									
70103640		L SUM								* 78000650				2560	25.00					
70102640	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1						18000650		VEMENT MARKING - LINE	FOOT	2569	2569	l				
	STANDARD 701801										24"									
70300100	SHORT TERM PAVEMENT MARKING	FOOT	15392	15392						x0320050	CONSTRUCTION LAY	OUT (SPECIAL)	L SUM	1	1					
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	5131	5131						x4240800 x4400501		AND GUTTER REMOVAL AND	S0 FT F00T	68 50	68 50					
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND	SO FT	589.4	589.4						x5537800	REPLACEMENT LESS	THAN OR EQUAL TO 10' BE CLEANED 12"	FOOT	200		200				
	SYMBOLS																			
										x7030005	TEMPORARY PAVEME	NT MARKING REMOVAL	SO FT	12270	12270					
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	15177	15177																
										Z0004562	COMBINATION CONC	RETE CURB AND GUTTER	FOOT	250	250					
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	975	975							REMOVAL AND REPL	ACEMENT								
										Z0030850	TEMPORARY INFORM	ATION SIGNING	SO FT	51.4	51.4					
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1585	1585						Z0018500		RES TO BE CLEANED	ЕАСН	5		5				
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	2569	2569						20018500	LONGITUDINAL JOI		FOOT	16303	16303					
										Ø 20076600	TRAINEES		HOURS	500	500					ø 0042
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	3848	3848						Ø 20076604	TRAINEES - TRAINII	NG PROGRAM GRADUATE	HOURS	500	500					REV-SEF
FILE NAME =		IGNED -	<u> </u>	REVISED							<u> </u>	ASHLAND AVE. – CERMAK	RD. TO MAR	KETPLACE AC	CESS RD.	F.A.U. RTE.			COUNTY	TOTAL SHEE SHEETS NO.
per:/yranroom.dot.]//inois.g		CKED -		REVISED REVISED			D		ATE OF	RANSPORTA	TION		( OF QUANT			2853	2020-076	-RS&SW		24 [ 4 NO. 62L54
	PLOT DATE = 12/11/2020 DAT	Е -		REVISED	-						SCAL	E: SHEET NO. 2 OF 2	SHEETS STA	T	O STA.	FED. R	DAD DIST. NO. 1	ILLINOIS FED. AI		



### CONTRACTOR SHALL PATCH FIRST BEFORE MILLING

THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLY HMA BINDER COURSE IL-4.75 N50

### LEGEND

- 1 EXISTING PCC PAVEMENT, ±9"
- 3 EXISTING CONCRETE SIDEWALK

- 6
- (7)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
PAVEMENT RESURFACING		
POLYMERIZED HMA SURFACE COURSE, MIX "E", IL-9.5, N70, 1¾"	4% @ 70 Gyr.	QCP
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"	3.5% @ 50 Gyr.	OC/QA
PATCHING		
CLASS D PATCH (HMA BINDER IL-19 mm)	4% @ 70 Gyr.	QC/QA
OMP Designations: Quality Control/Quality Assurance (QC/QA); Quality Co Pay for Performance (PFP)	ntrol for Perfor	rmance (QCP);
THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE (	QUANTITIES IS	112 LBS/SQ YD/IN
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR F HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY SP		
FOR USE OF RECYCLED MATERIAL SEE SPECIAL PROVISIONS.		
QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR ( APPLIES TO THE HMA MIXTURE.	DUALITY CONTRO	DL SPECIFICATION

USER NAME = rothjp	DESIGNED -	REVISED -			TYPICAL SECTIONS	F.A.U. BTE	SECTION	COUNTY	TOTAL	HEET
	DRAWN -	REVISED -	STATE OF ILLINOIS	ASHLAND	D AVE. – CERMAK RD. TO MARKETPLACE ACCESS RD.	2853	2020-076-RS&SW	соок	25	5
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	ASILANL	D AVE CERIVIAN ND. IU WIARNEIFLACE ACCESS ND.			CONTRACT	NO. 62	_54
PLOT DATE = 1/22/2021	DATE -	REVISED -		SCALE:	SHEET 1 OF 1 SHEETS STA. TO STA.		ILLINOIS FED. A	AID PROJECT		

(2) EXISTING HOT-MIX ASPHALT PAVEMENT, ±3"

(4) EXISTING COMB. CONC. CURB AND GUTTER

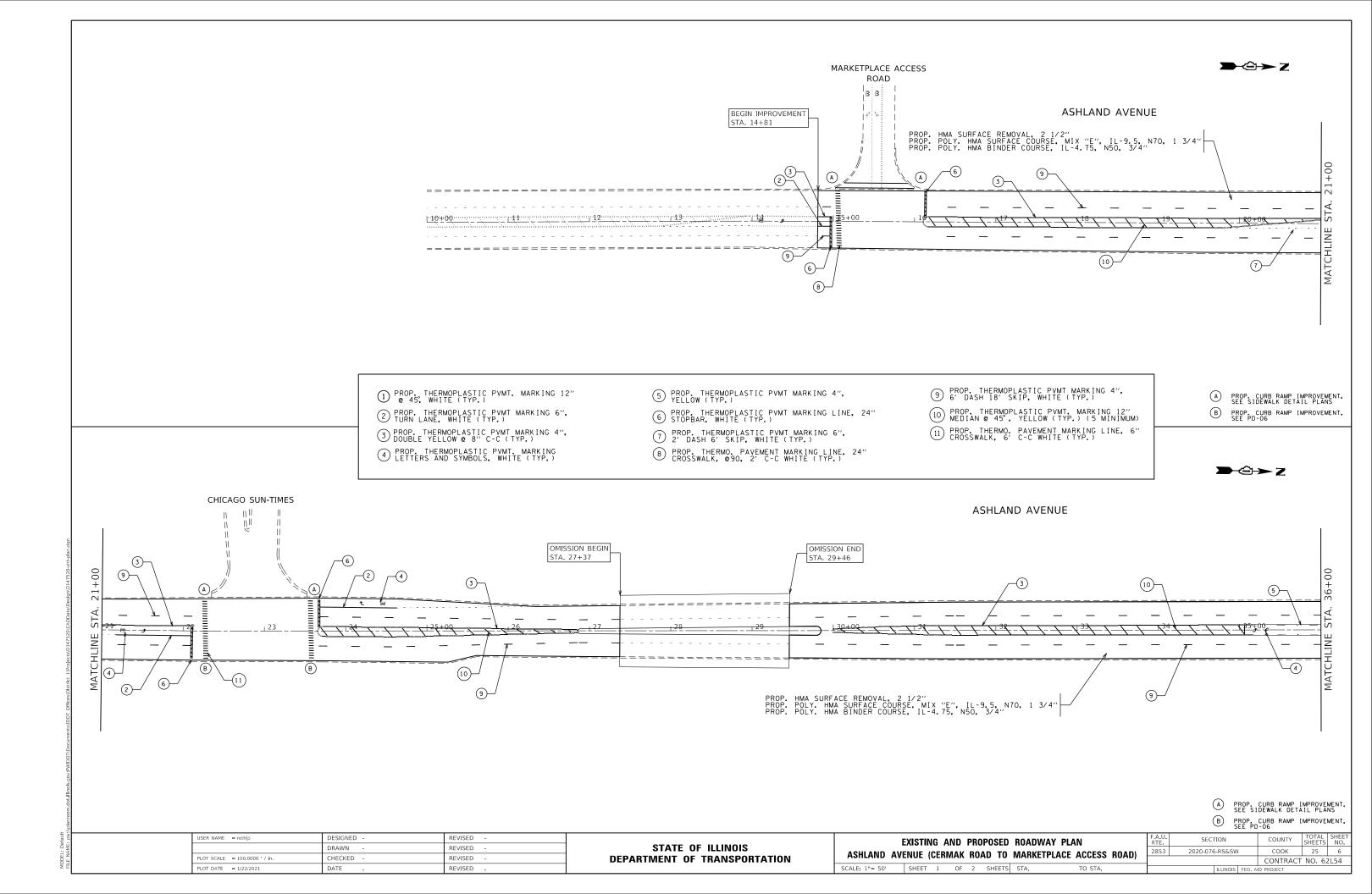
5 PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 21/2"

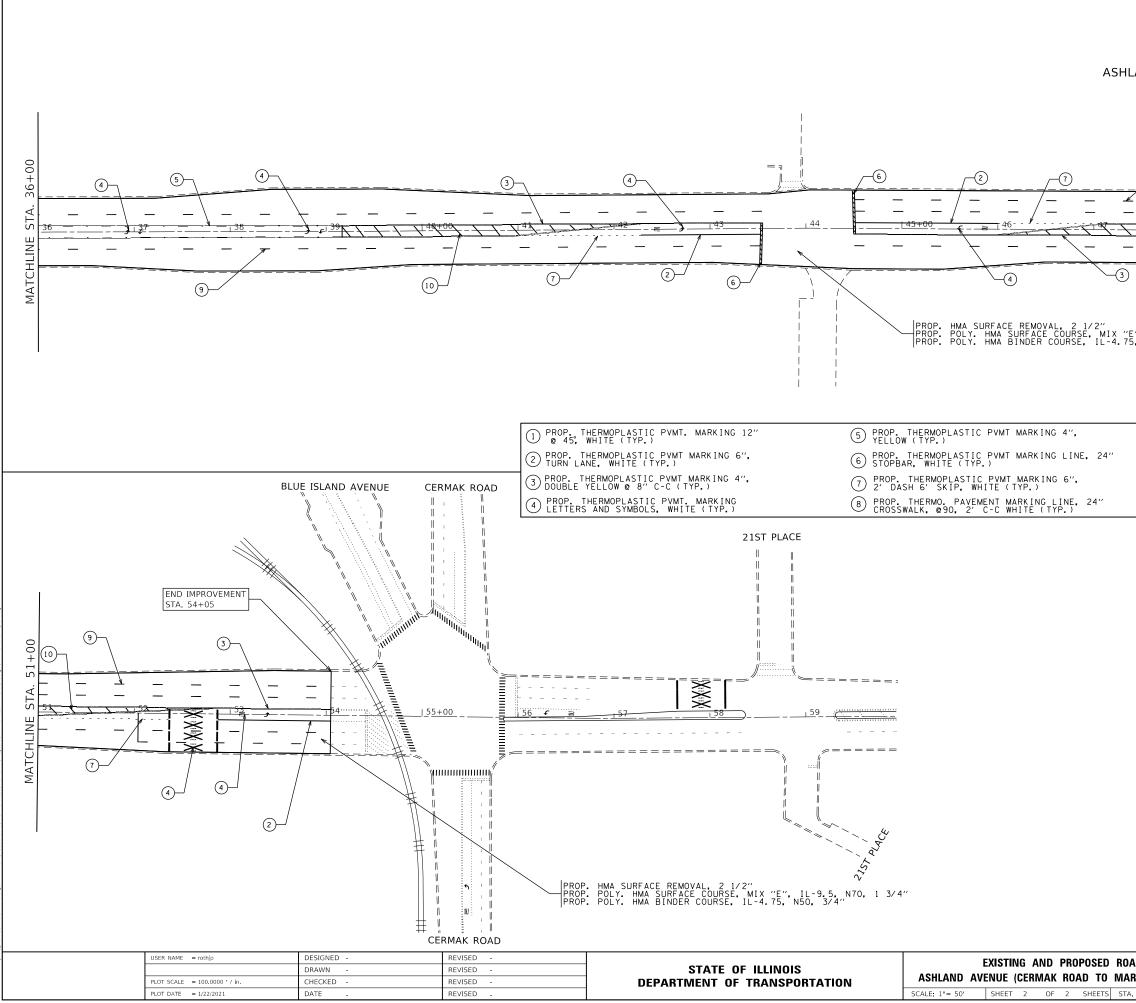
PROPOSED POLY. HMA SURFACE COURSE, MIX "E", IL-9.5, N70, 13/4"

PROPOSED POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"

RIZED

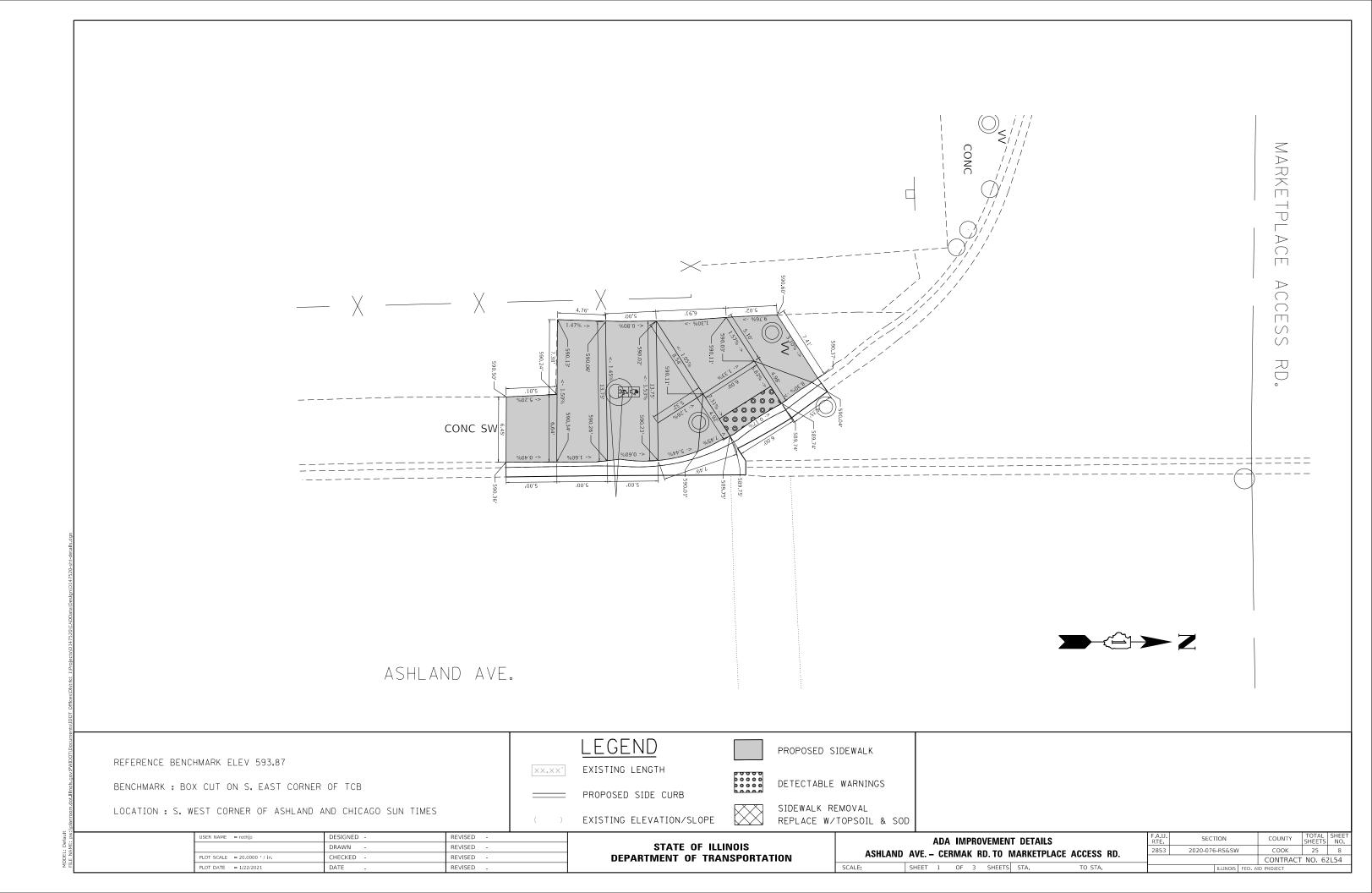
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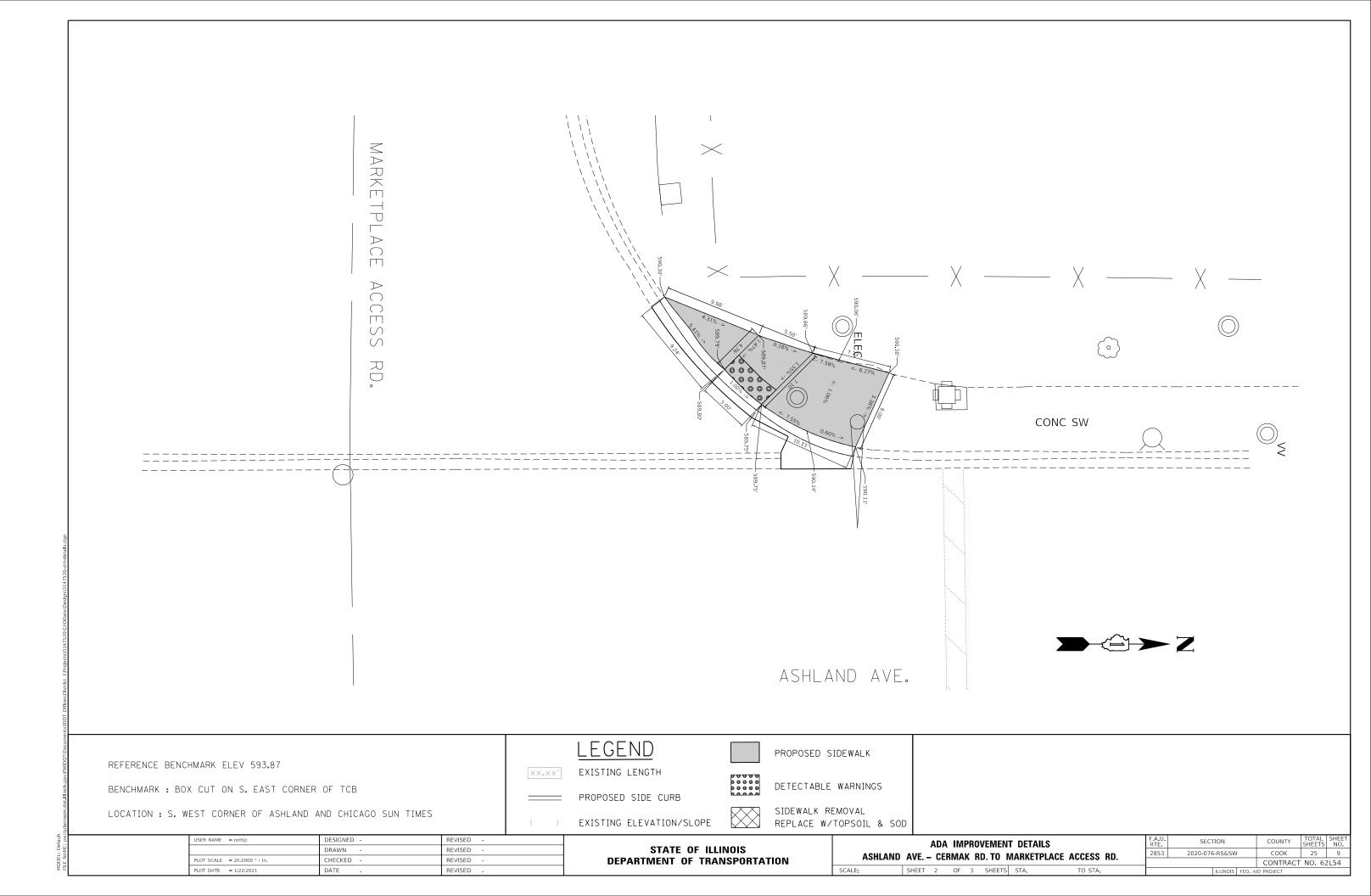


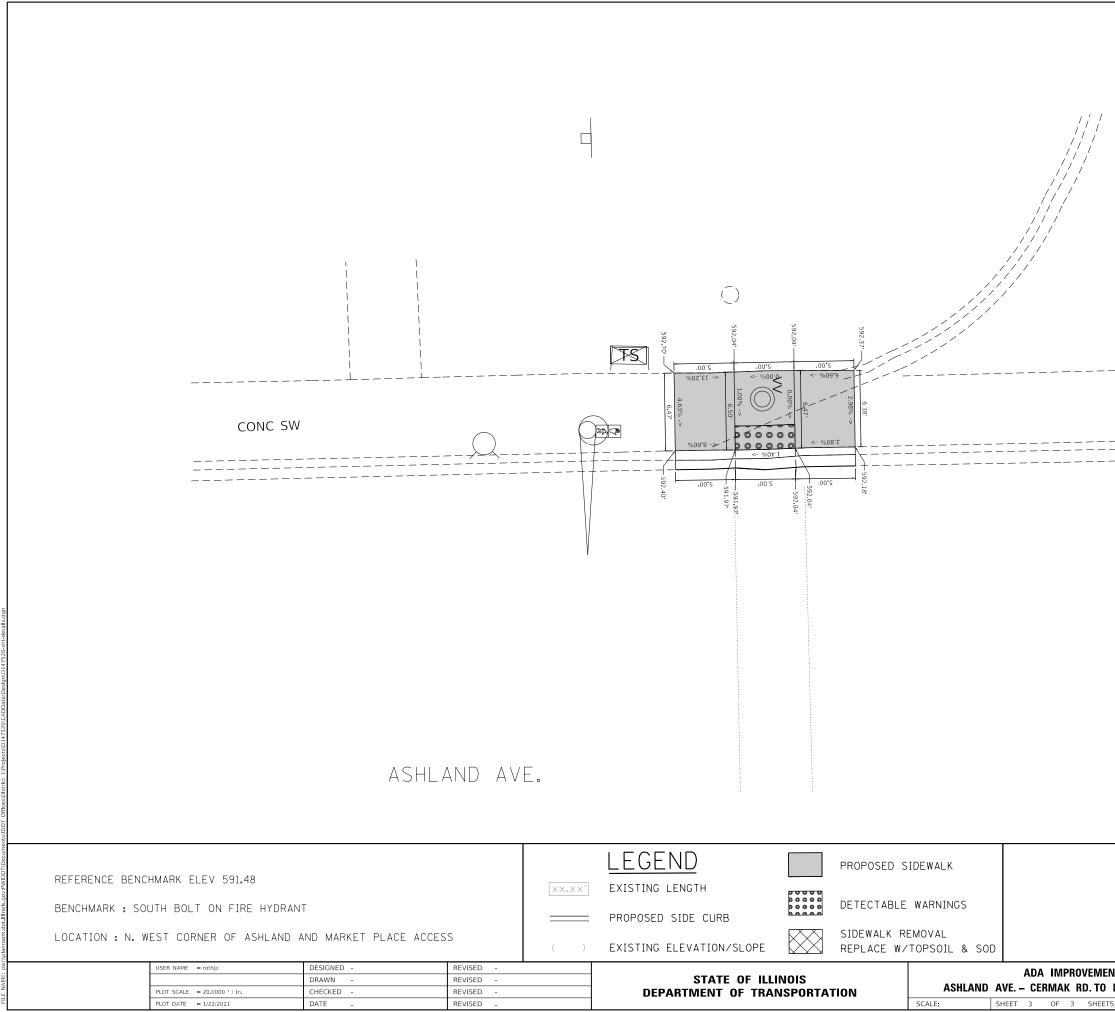


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ASHLAND	AVENUE				
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3	10				ATCI
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// MIX ''E'', IL L-4.75, N50	-9.5, N70, 1 3/4" , 3/4"				
					I
			: PVMT MARKING 4 HITE (TYP.)		
24''			C PVMT. MARKING DW (TYP.) (5 MIN MENT MARKING LIN		
,	CROSSWALK,	6′C-CV	MENT MARKING LIN WHITE (TYP.)		
				-7	
				-	
		F.A.U. RTE. 2853	SECTION 2020-076-RS&SW	COUNTY COOK	TOTAL SHEET SHEETS NO. 25 7
	LACE ACCESS ROAD)	_			NO 62L54

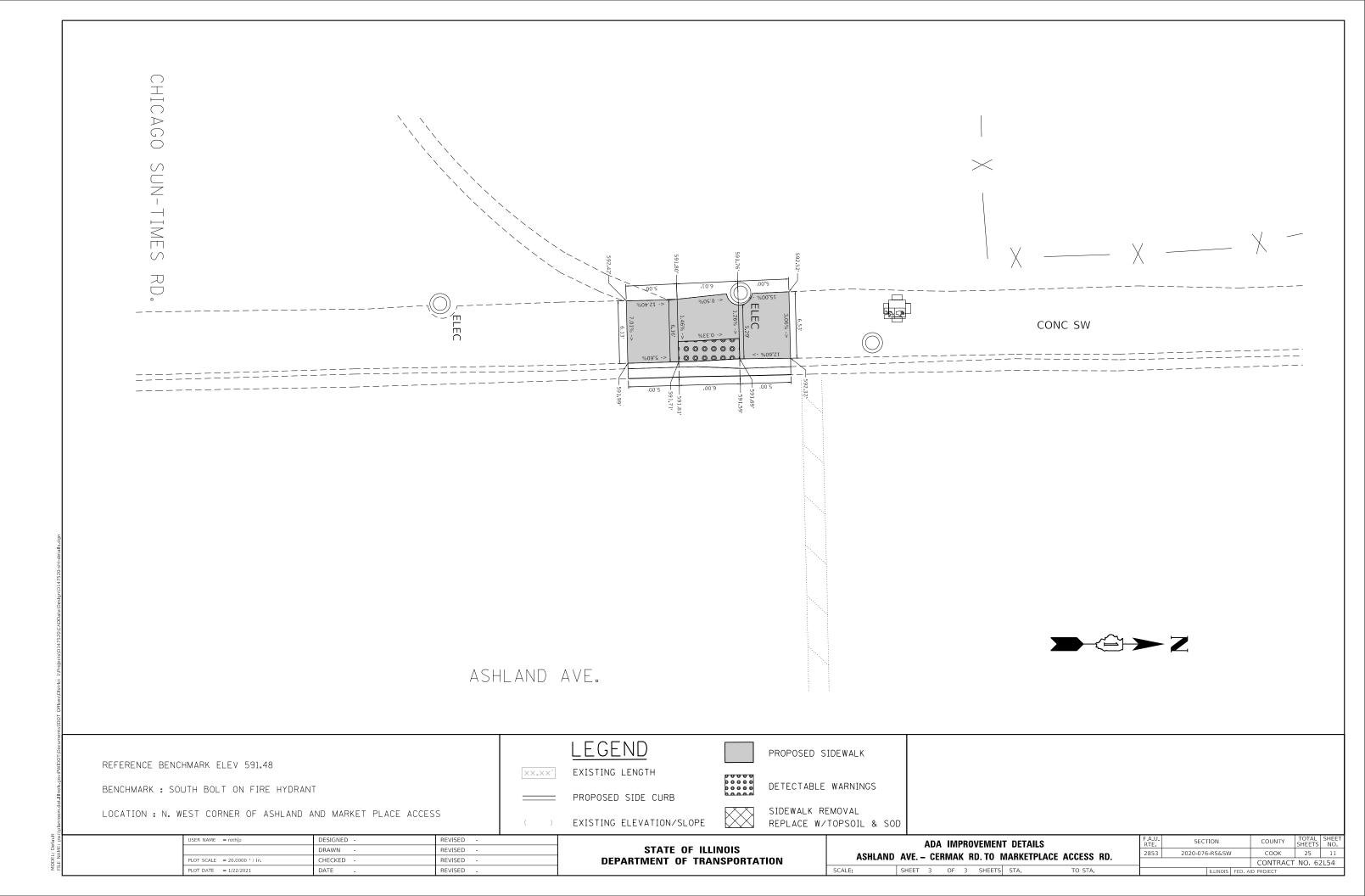
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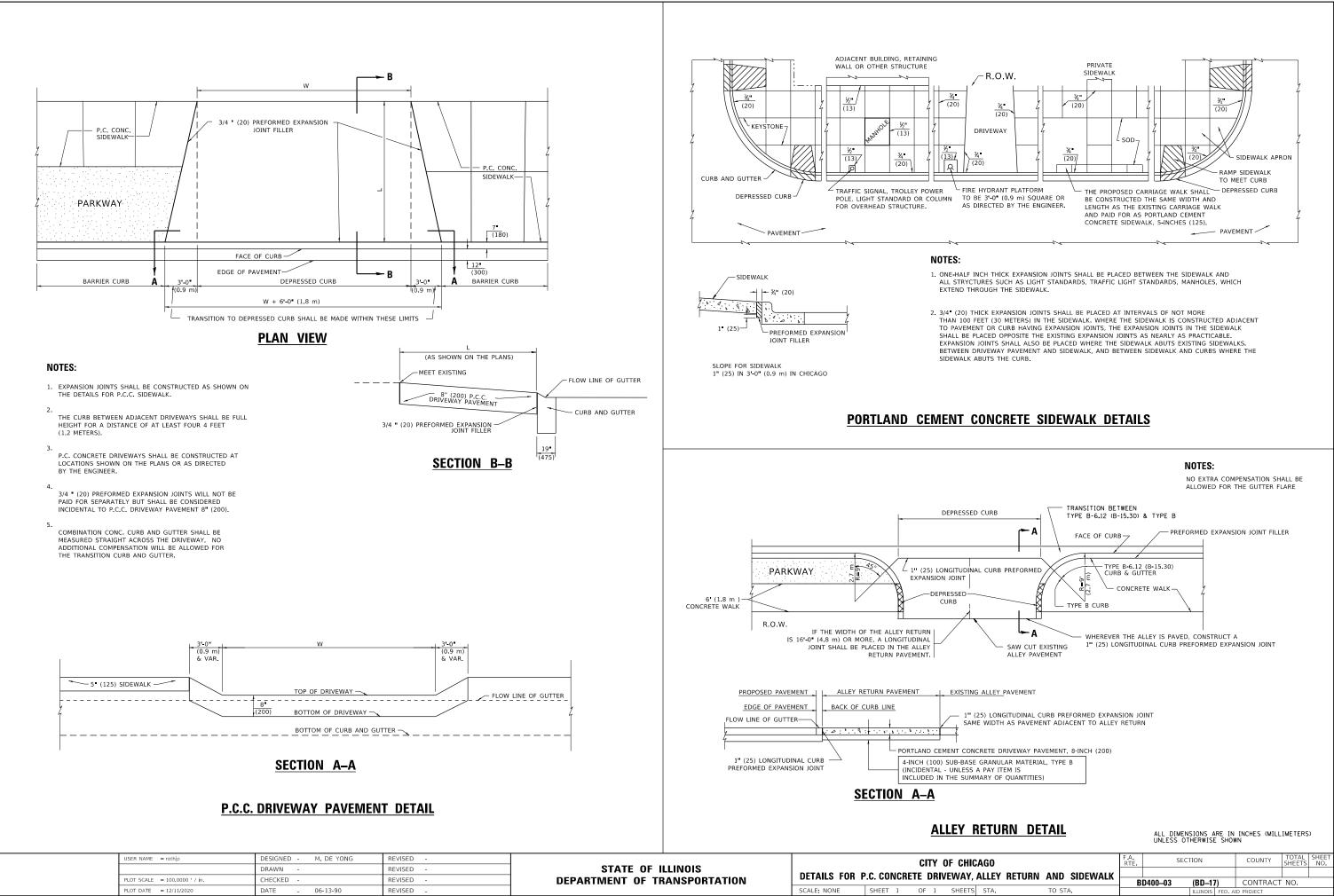


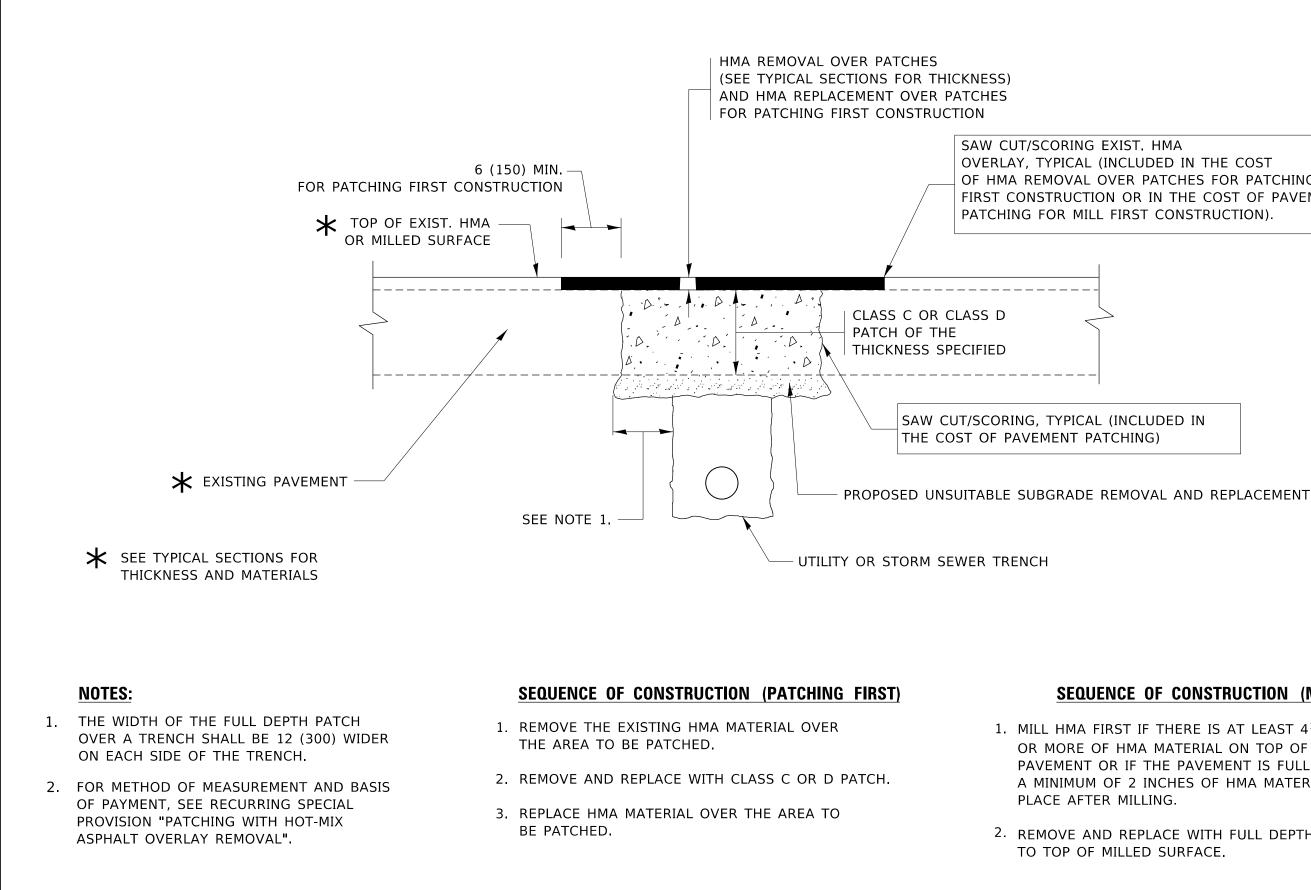




		CHICAGO SUN-TIMES RD.
ENT DETAILS MARKETPLACE ACCESS RD.	F.A.U. SECTION RTE: 2853 2020-076-RS&SW	COUNTY TOTAL SHEET SHEETS NO. COOK 25 10 CONTRACT NO. 62L54
TS STA. TO STA.	ILLINOIS FED. A	ID PROJECT







USER NAME = rothjp	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98		PAVEMENT PATCHING FOR	F.A. SECTION COUNTY TOTAL SHEET
	DRAWN -	REVISED R. BORO 01-01-07	STATE OF ILLINOIS	HMA SUBEACED PAVEMENT	
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED R BORO 09-04-07	DEPARTMENT OF TRANSPORTATION		BD400–04 (BD–22) CONTRACT NO.
PLOT DATE = 12/11/2020	DATE - 10-25-94	REVISED K ENG 10-27-08		SCALE NONE SHEET 1 OF 1 SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT

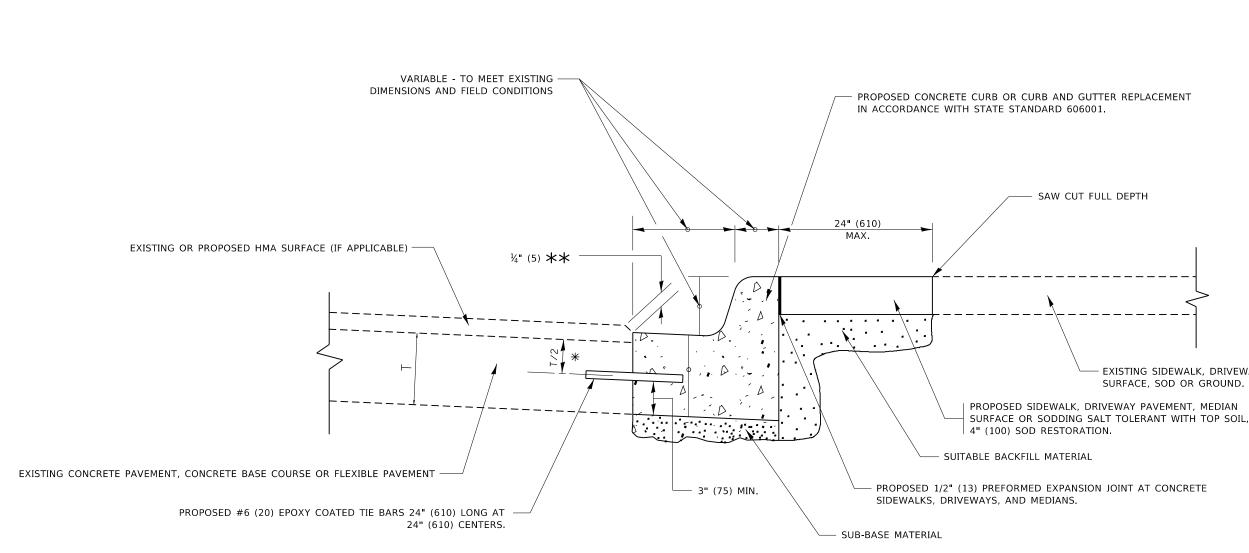
OVERLAY, TYPICAL (INCLUDED IN THE COST OF HMA REMOVAL OVER PATCHES FOR PATCHING FIRST CONSTRUCTION OR IN THE COST OF PAVEMENT PATCHING FOR MILL FIRST CONSTRUCTION).

### **SEQUENCE OF CONSTRUCTION (MILLING FIRST)**

1. MILL HMA FIRST IF THERE IS AT LEAST  $4\frac{1}{2}$  INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN

2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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



 $\bigstar$  3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

 $\star\star$  if the final surface of the pavement is concrete, the gutter is to be flush WITH THE PAVEMENT.

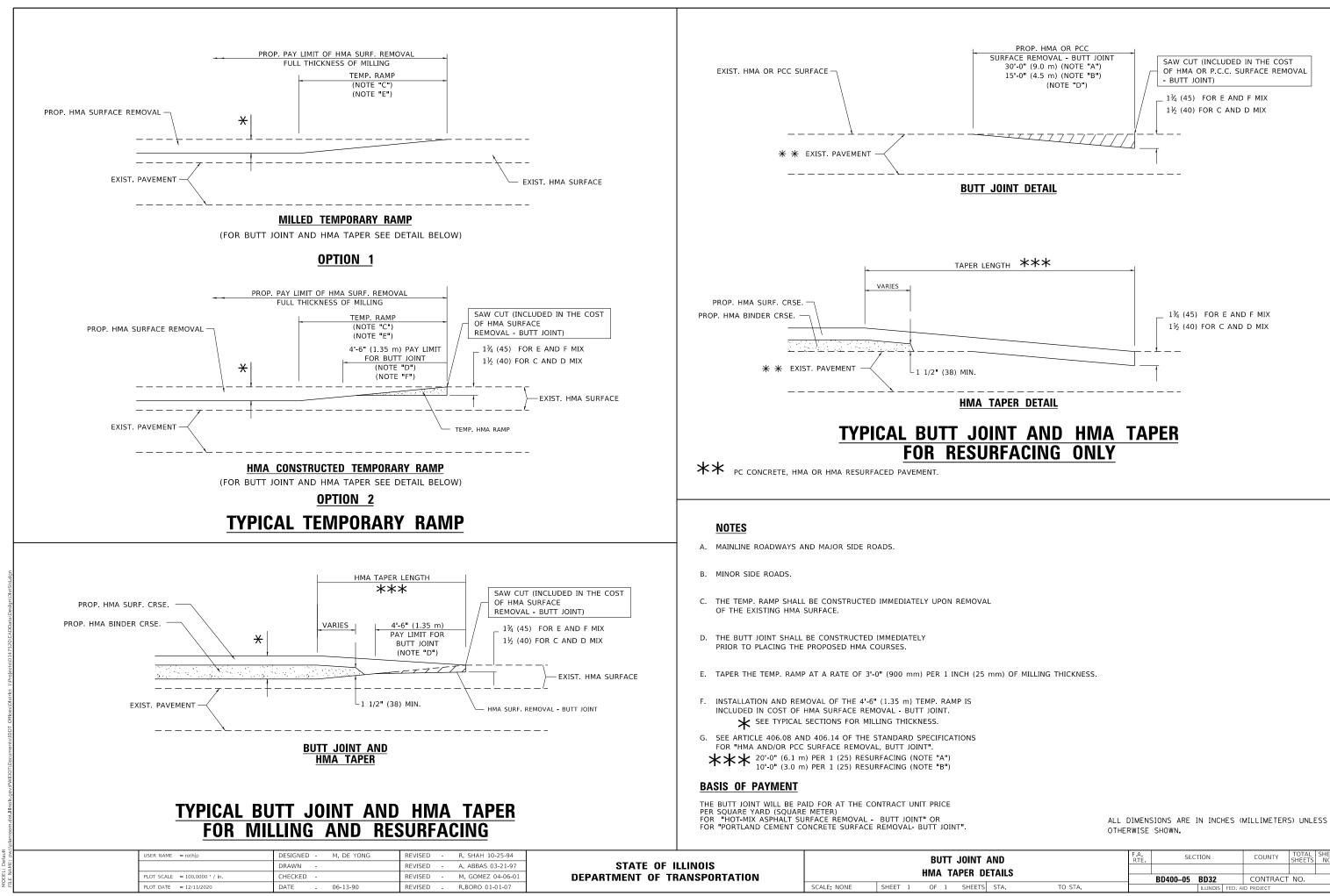
## CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

efault pw:	USER NAME = rothjp	DESIGNED - A. HOUSEH	REVISED - A ABBAS 03-21-97			CURB OR CURB AND GUTTE	R	F.A. BTE	SECTION	COUNTY	TOTAL SHEET
AME		DRAWN -	REVISED - M. GOMEZ 01-22-01	STATE OF ILLINOIS		REMOVAL AND REPLACEMEN					11213 110.
E N	PLOT SCALE = 100.0000 / in	CHECKED -	REVISED R BORO 12-15-09	DEPARTMENT OF TRANSPORTATION		REIVIOVAL AND REPLACEIVIEN	1	BD600-0	6 (BD-24)	CONTRACT	NO.
ΣĒ	PLOT DATE = 12/11/2020	DATE - 03-11-94	REVISED K SMITH 07-11-19		SCALE: NONE	SHEET 1 OF 1 SHEETS STA.	TO STA.		ILLINOIS FED A	ID PROJECT	

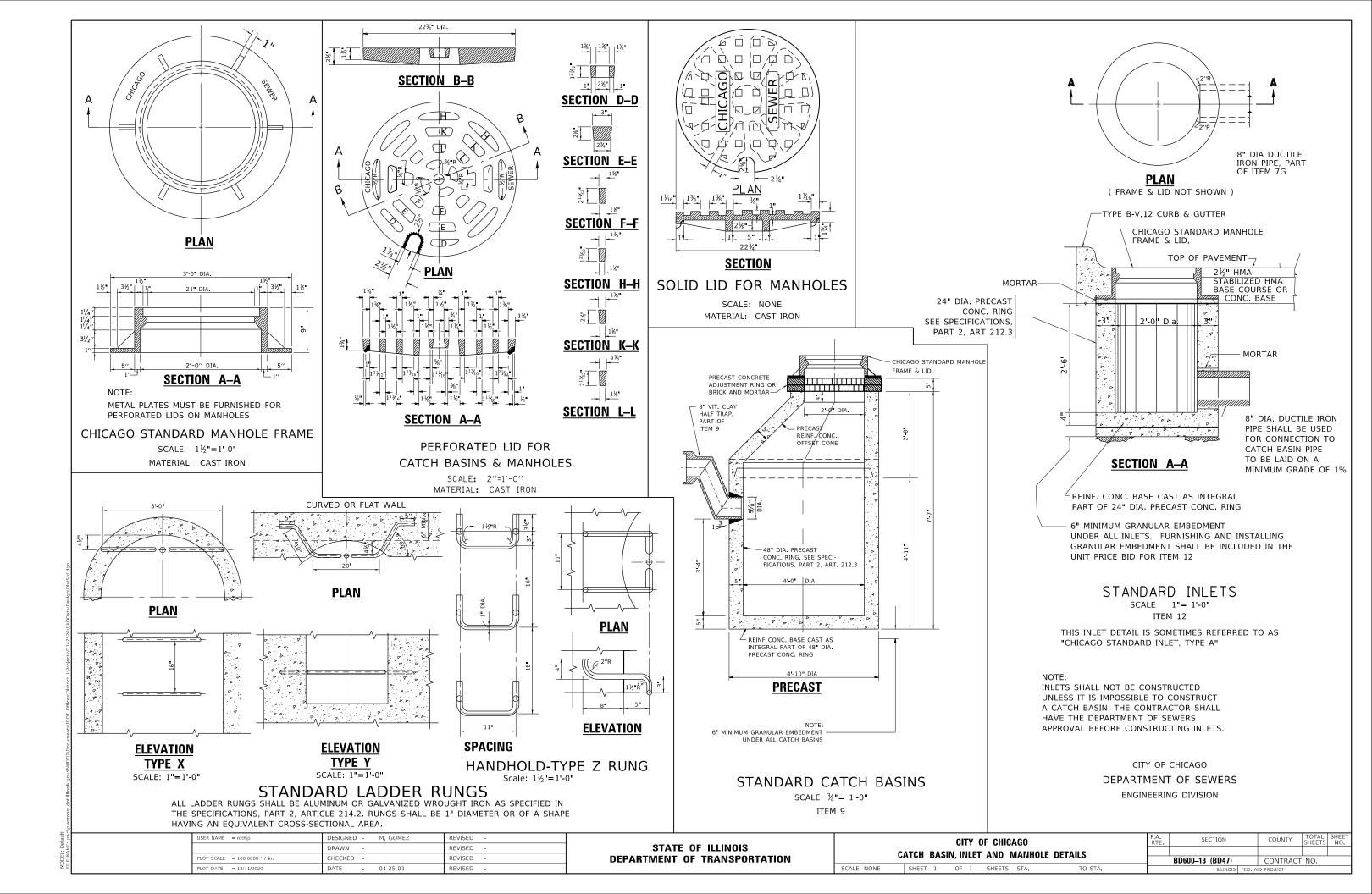
EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.



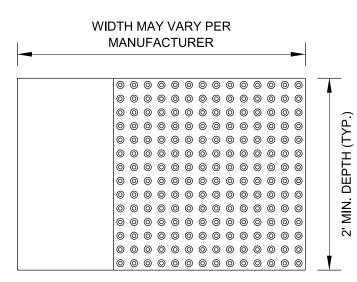
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.



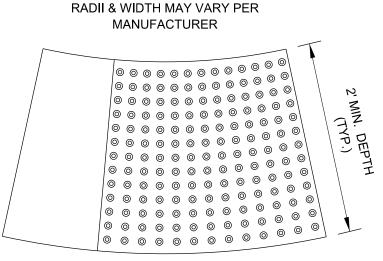
r AND		SEC	TION		COUNTY	TOTAL SHEETS	SHEET NO.
DETAILS		BD400-05	BD32		CONTRACT	NO.	
TS STA. TO STA.				FED. A	ID PROJECT		



### STRAIGHT DETECTABLE WARNING UNITS



### **RADIAL DETECTABLE WARNING UNITS**



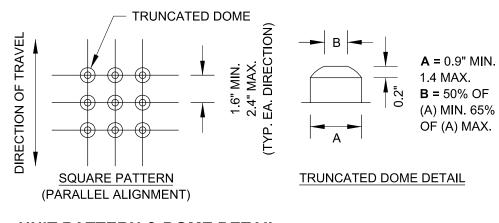
### **DETECTABLE WARNING UNIT SIZES**

- VERIFY ALL DIMENSIONS WITH THE PRODUCT MANUFACTURER.

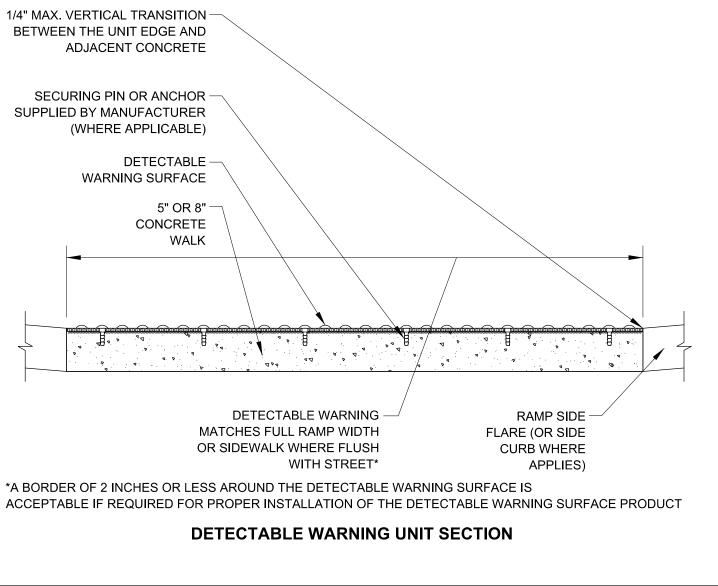
- IF USING RADIAL UNITS, VERIFY THAT THE CURB RADIUS MATCHES AVAILABLE UNIT RADII WITH THE PRODUCT MANUFACTURER.

### GENERAL NOTE:

THE ROWS OF DOMES IN THE DETECTABLE WARNING MATERIAL MUST BE ALIGNED WITH THE PATH OF WHEELCHAIR TRAVEL WHICH IS REQUIRED TO BE PERPENDICULAR TO THE GRADE BREAK AT THE BOTTOM OF THE RAMP TO PERMIT TRACKING BETWEEN DOME ROWS. ON BLENDED TRANSITIONS OR FLUSH TRANSITIONS, WHERE RADIAL UNITS ARE SITUATED ABOUT THE CURB RADIUS, DOME ORIENTATION IS NOT SIGNIFICANT.



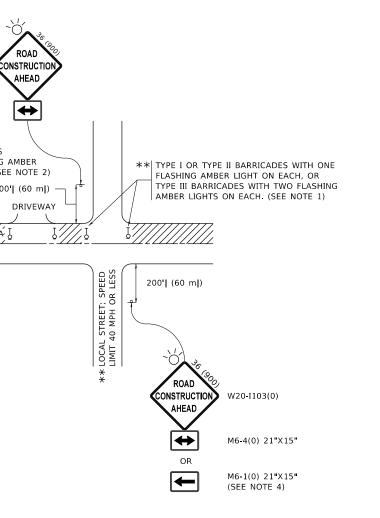
### **UNIT PATTERN & DOME DETAIL**



DRAWN     REVISED     REVISED     STATE OF ILLINOIS       PLOT SCALE = 100.0000 / in     CHECKED -     REVISED       PLOT DATE = 12/11/2020     DATE 0 6-20-2017     REVISED	USER NAME = rothjp	DESIGNED -	REVISED -	CITY OF CHICAGO				CITY OF CHICAGO					COUNTY TOTAL SHEFTS		HEET
PLOT SCALE = 100,0000 / III. CHECKED - REVISED - DEPARTMENT OF TRANSPORTATION BD 58 CONTRACT NO.		DRAWN -	REVISED -									+	SHEETS	<u>NO.</u>	
PLOT DATE = 12/11/2020 DATE 06-20-2017 REVISED	PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION					BD 58		CONTRACT N				
	PLOT DATE = 12/11/2020	DATE - 06-20-2017	REVISED -						ILLINOIS FED. AID PROJECT						

	ROAD CONSTRUCTION AHEAD * TYPE III BARRICADES WITH TWO FLASHING AMBER LIGHTS ON EACH. (SEE NOTE 2) 200'l (60 ml) DRIVEWAY WORK AREA J
NOTES:	AHEAD
SHOWN ON THE DRAWI	ED LIMIT OF 40 MPH (60 km/h) OR LESS AS NG AND AS DIRECTED BY THE ENGINEER: RUCTION AHEAD" SIGN 36 × 36 (900×900) WITH A FLASHER
MOUNTED ON IT A	PPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
BLOCKING WITH TY	PE I, TYPE II OR TYPE III BARRICADES, 1/3 OF N OF THE CLOSED PORTION.
	ED LIMIT GREATER THAN 40 MPH (60 km/h) AWING AND AS DIRECTED BY THE ENGINEER:
	RUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A O ON IT APPROXIMATELY 500' (150 m) IN ADVANCE FE.
	ION OF THE MAIN ROUTE SHALL BE PROTECTED BY PE III BARRICADES, 1/2 OF THE CROSS SECTION DRTION.
	IUTED FOR BARRICADES OR DRUMS AT HALF THE DPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710)
4. SIGNING AND THE WOR	LIES BETWEEN THE BEGINNING OF THE MAINLINE K ZONE, A SINGLE HEADED ARROW (M6-1) SHALL IE DOUBLE HEADED ARROW (M6-4).
TATE OF ILLINOIS	TRAFFIC CONTROL AND PROTECTIO

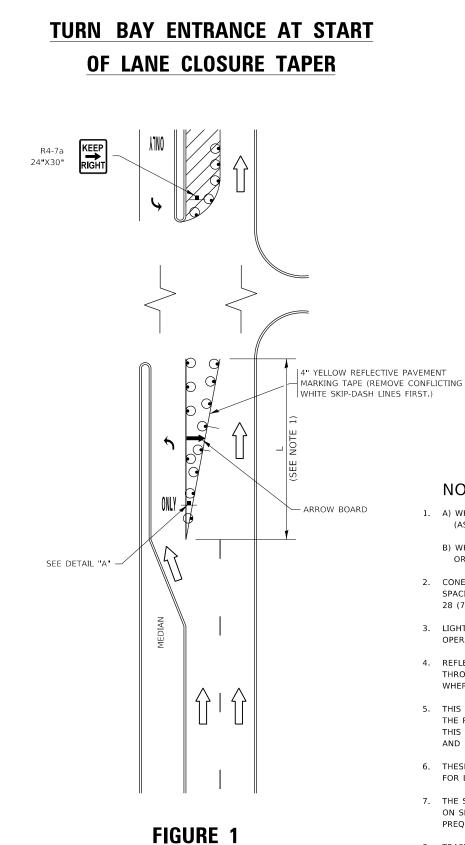
USER NAME = rothjp	DESIGNED L.H.A.	REVISED - A HOUSEH 10-15-96			TRAFFIC CONTROL AND PROTECTION FOR	F.A. BTE	SECTION	COUNTY TOTAL SHEET
	DRAWN -	REVISED - T. RAMMACHER 01-06-00	STATE OF ILLINOIS					
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13	DEPARTMENT OF TRANSPORTATION	3	IDE ROADS, INTERSECTIONS, AND DRIVEWAYS		TC-10	CONTRACT NO.
PLOT DATE = 12/11/2020	DATE - 06-89	REVISED _ A. SCHUETZE 09-15-16		SCALE: NONE	SHEET 1 OF 1 SHEETS STA. TO STA.		ILLINOIS FF	ED. AID PROJECT

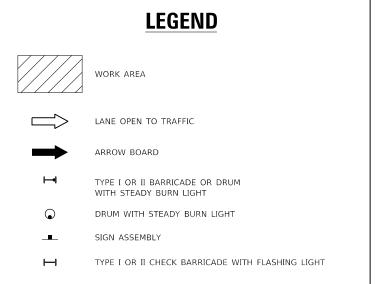


5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.

- 6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- 7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

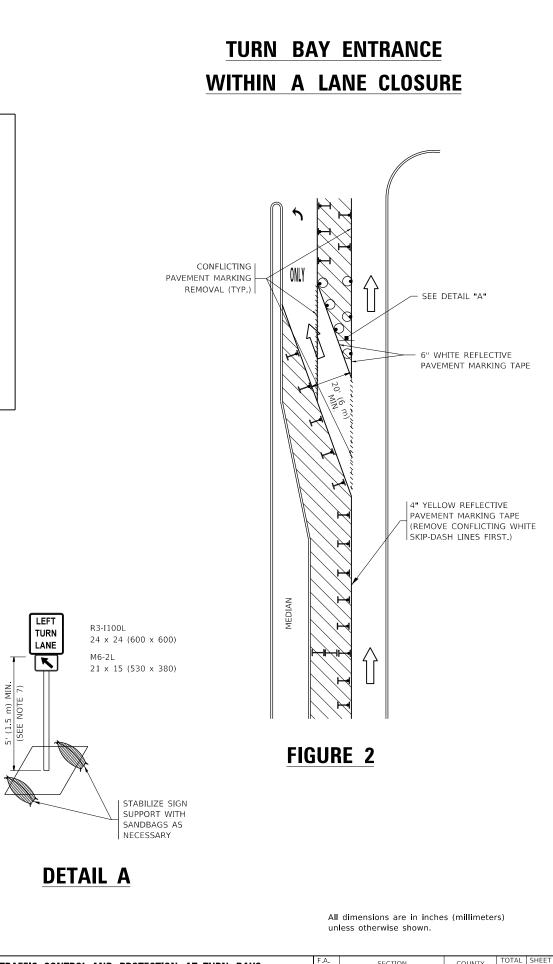
### All dimensions are in inches (millimeters) unless otherwise shown.



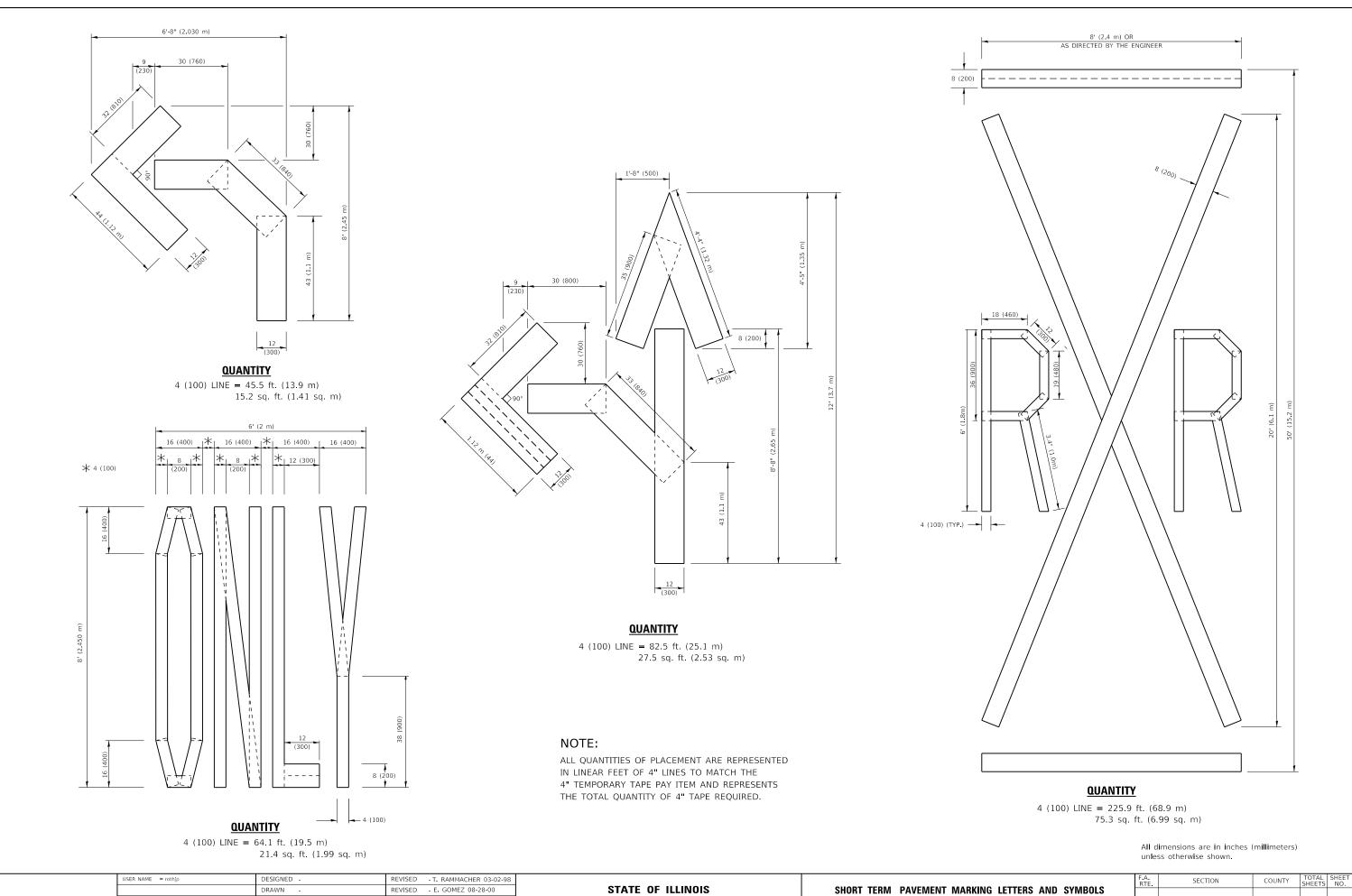


### NOTES:

- 1. A) WHEN "L" IS ≤ 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 PREOUIREMENTS.
- 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.

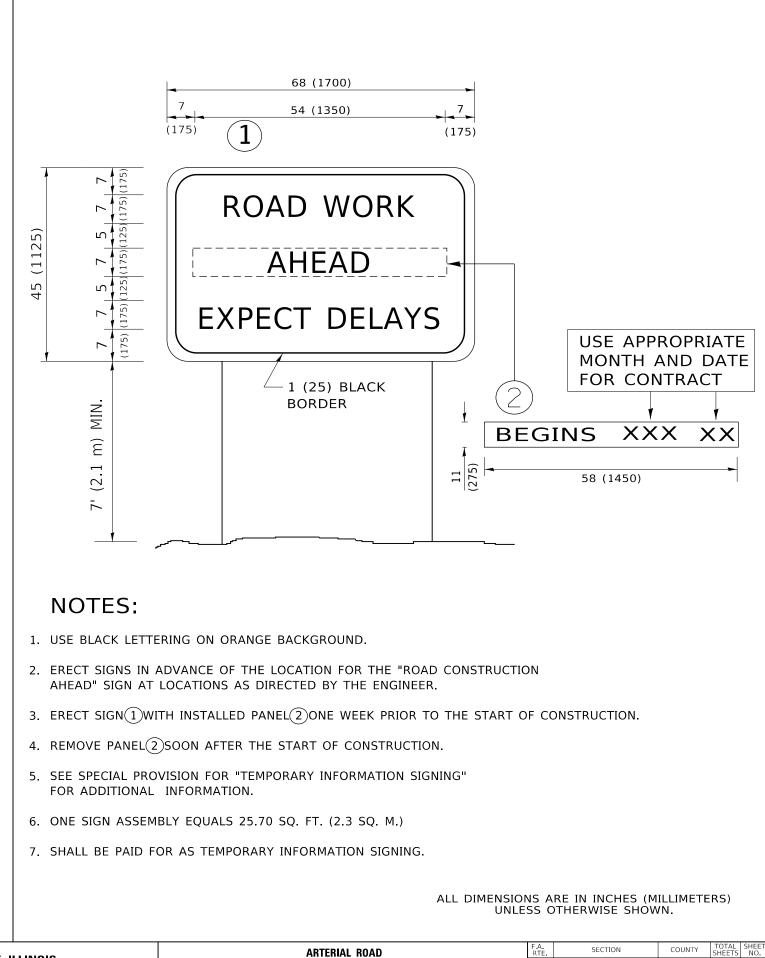


USER NAME = rothjp	DESIGNED - T. RAMMACHER 09-08-94 REVISED - R. BORO 09-14-09		TRAFFIC CONTROL AND PROTECTION AT TURN BAYS	F.A. SECTION	COUNTY TOTAL SHEET
	DRAWN - A. HOUSEH 11-07-95 REVISED - A. SCHUETZE 07-01-13		(TO REMAIN OPEN TO TRAFFIC)		
PLOT SCALE = 100.0000 / in	CHECKED A. HOUSEH 10-12-96 REVISED A. SCHUETZE 09-15-16	DEPARTMENT OF TRANSPORTATION	(TO REIVIAIN OPEN TO TRAFFIC)	TC-14	CONTRACT NO.
PLOT DATE = 12/11/2020	DATE -T. RAMMACHER 01-06-00 REVISED -		SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.	ILLINOIS FED.	AID PROJECT



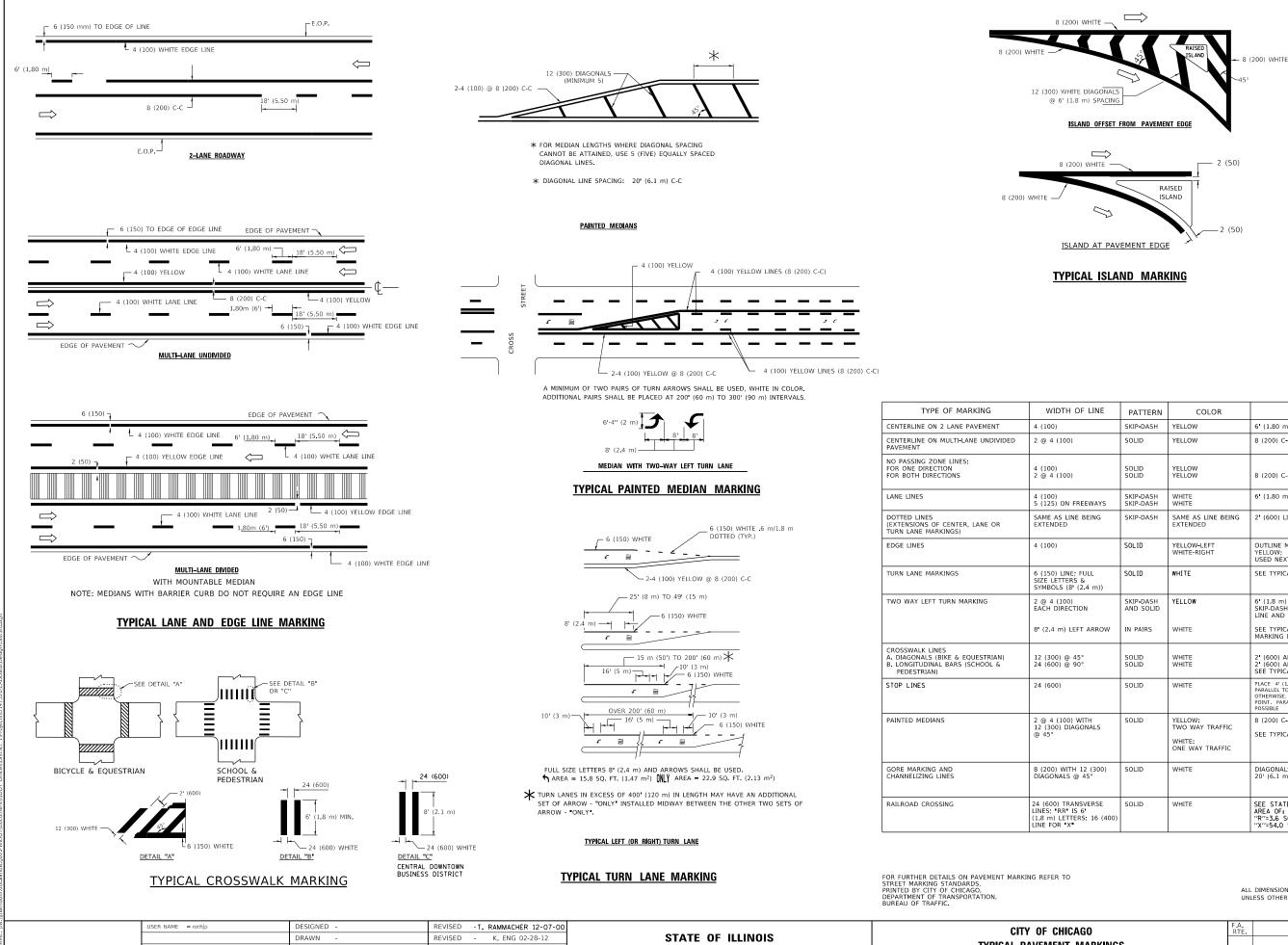
USER NAME = rothjp	DESIGNED -	REVISED - T. RAMMACHER 03-02-98						
	DRAWN -	REVISED - E. GOMEZ 08-28-00	STATE OF ILLINOIS	SHORT TE	RM PAVE	MENT M	<b>ARKING</b>	i I
PLOT SCALE = 100.0010 ' / In.	CHECKED -	REVISED - E. GOMEZ 08-28-00	DEPARTMENT OF TRANSPORTATION					
PLOT DATE = 12/11/2020	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16		SCALE: NONE	SHEET 1	OF 1	SHEETS	Ş

G	LETTERS AN	ID SYMBOLS	NIL.					JILLIJ	NO.
_				TC16			CONTRACT	NO.	
	STA.	TO STA.			<b>ILLINOIS</b>	FED. A	D PROJECT		



USER NAME = rothjp	DESIGNED -	REVISED - R. MIRS 09-15-97				ARTERIAL F	
	DRAWN -	REVISED - R. MIRS 12-11-97	STATE OF ILLINOIS				
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -T. RAMMACHER 02-02-99	DEPARTMENT OF TRANSPORTATION			INFORMATION	N -
PLOT DATE = 12/11/2020	DATE -	REVISED C. JUCIUS 01-31-07		SCALE: NONE	SHEET 1	OF 1 SHEET	гs

RO	AD		F.A. RTE	F.A. SECTION			COUNTY	TOTAL SHEETS	SHEET NO.
N SIGN									
				TC-22			CONTRACT	NO.	
ΤS	STA.	TO STA.			ILLINOIS	FED. A	D PROJECT		

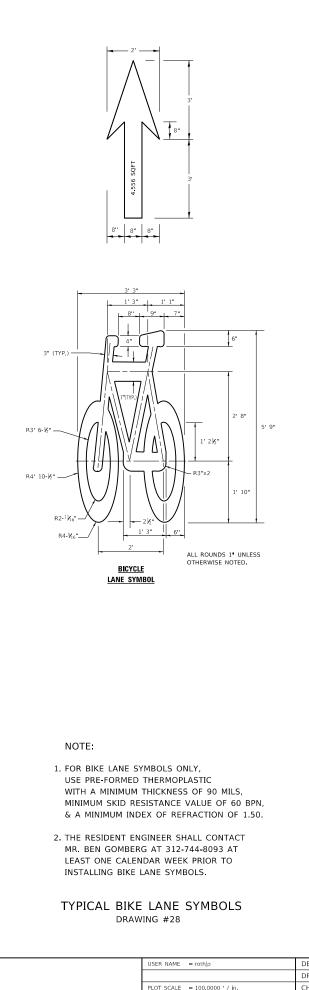


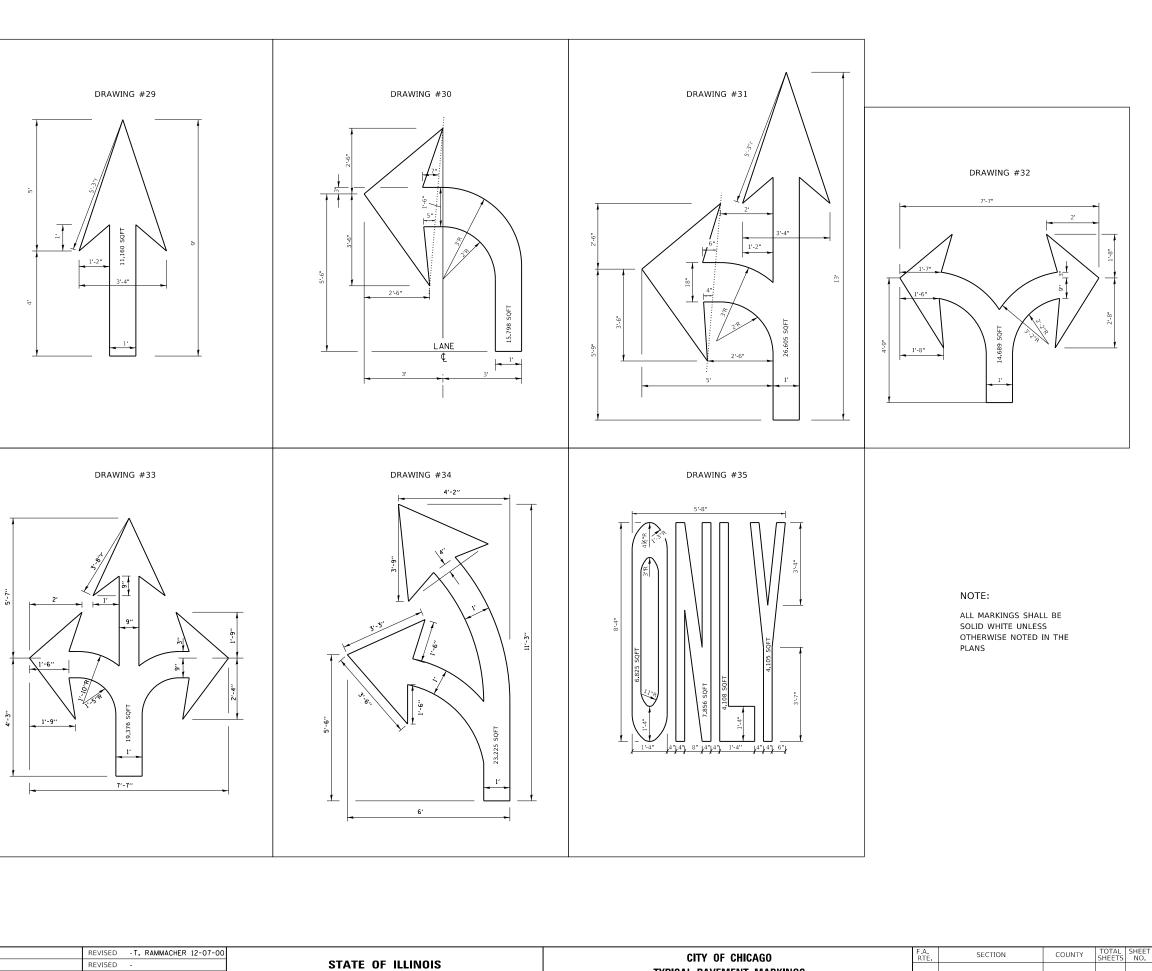
USER NAME = rothjp	DRAWN -	REVISED - 1. RAMMACHER 12-07-00 REVISED - K. ENG 02-28-12	STATE OF ILLINOIS		T)(D)(		OF CHI
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION		TYPIC	CAL PAV	VEMENT
PLOT DATE = 12/11/2020	DATE -	REVISED -		SCALE: NONE	SHEET 1	OF 3	SHEETS

TH OF LINE	PATTERN	COLOR	SPACING / REMARKS
	SKIP-DASH	YELLOW	6' (1.80 m) LINE WITH 18' (5.50 m) SPACE
00)	SOLID	YELLOW	8 (200) C-C
00)	SOLID SOLID	YELLOW YELLOW	8 (200) C-C
IN FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	6' (1.80 m) LINE WITH 18' (5.50 m) SPACE
LINE BEING D	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8) SPACE
	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
INE; FULL TERS & (8' (2.4 m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
00) ECTION	SKIP-DASH AND SOLID	YELLOW	6' (1.8 m) LINE WITH 18' (5.50 m) SPACE FOR SKIP-DASH; 8 (200) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE
) LEFT ARROW	IN PAIRS	WHITE	SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
@ 45° @ 90°	SOLID SOLID	WHITE WHITE	2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
	SOLID	WHITE	PLACE 4' (1,2 m) IN ADVANCE OF AND PARALLEL TO CNOSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
00) WITH DIAGONALS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	8 (200) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
VITH 12 (300) LS @ 45°	SOLID	WHITE	DIAGONALS: 20' (6.1 m) (LESS THAN 30 MPH (50 km/h))
TRANSVERSE R" IS 6 ETTERS; 16 (400) "X	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 S0. FT. (0.33m <sup>2</sup> ) EACH "X"=54.0 S0. FT. (5.0 m <sup>2</sup> )

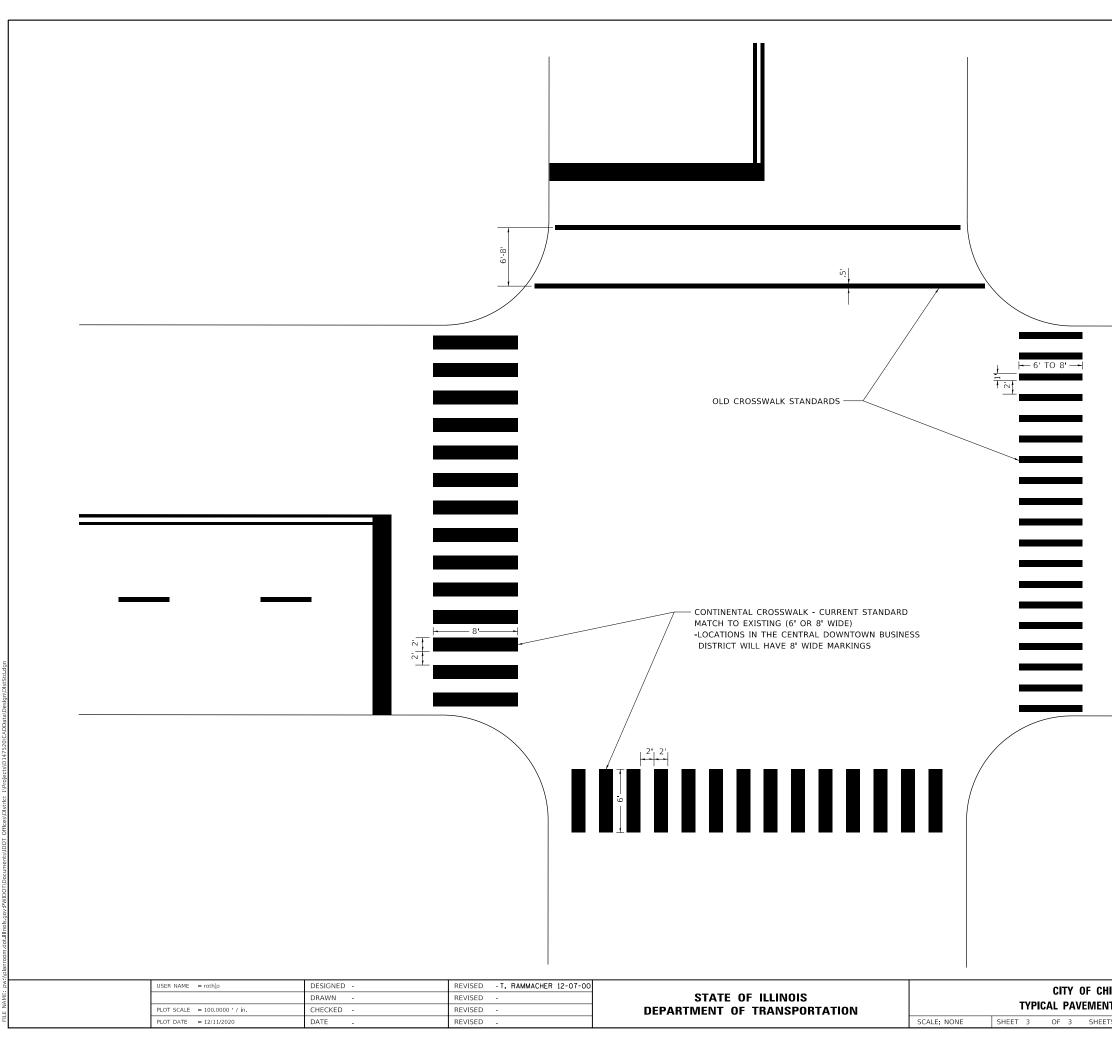
### ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

ICAGO	F.A. SECTION			COUNTY	SHEET NO.			
T MARKINGS								
		TC-24			CONTRACT	NO.		
STA. TO STA.				ILLINOIS	FED. A	ID PROJECT		

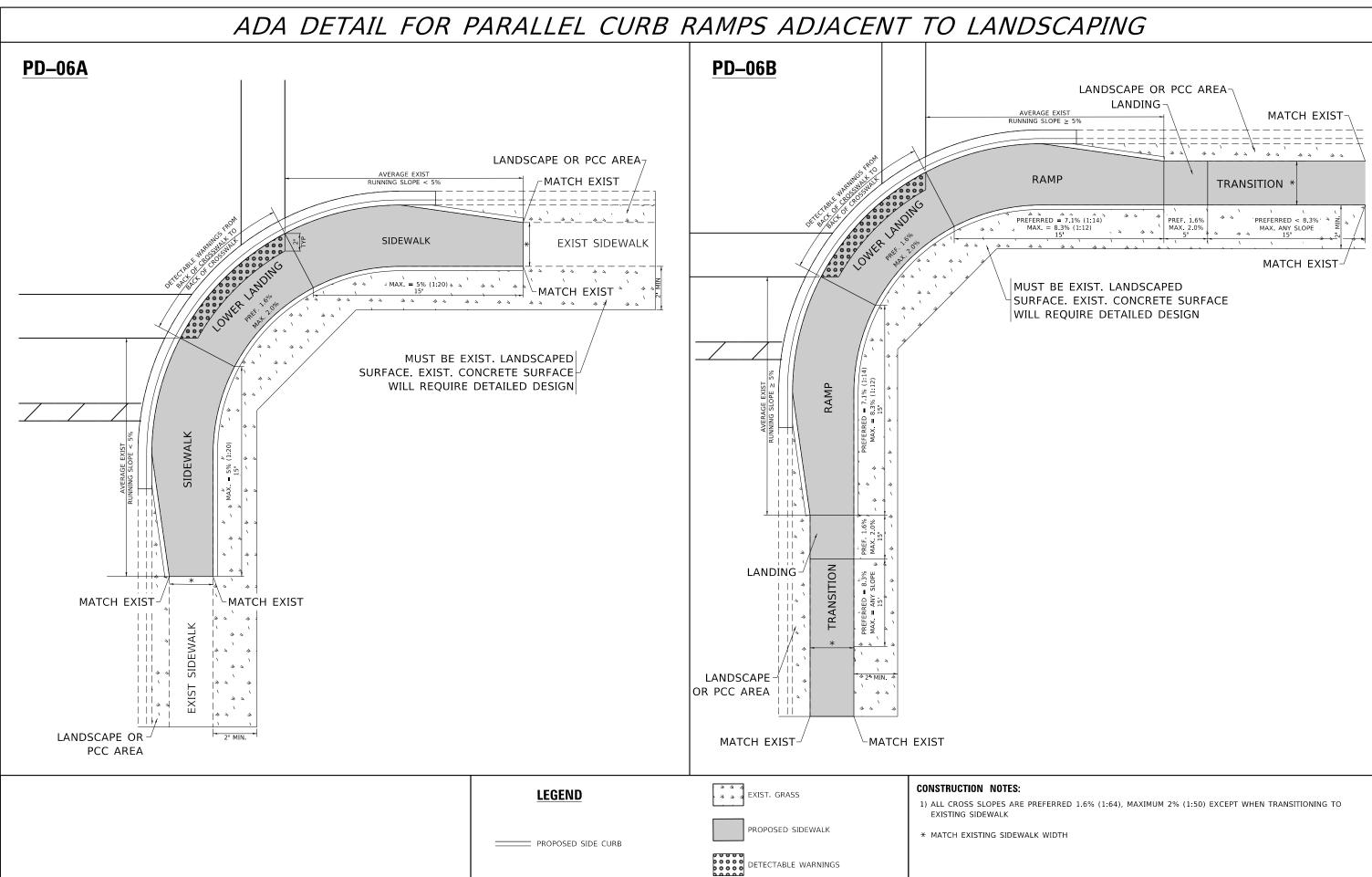




USER NAME = rothjp E		DESIGNED - REVISED -T. RAMMACHER 12-07-00			CITY OF CHICAGO			SECTION	COUNTY TOTAL SHEET
JAME		DRAWN -	REVISED -	STATE OF ILLINOIS		TYPICAL PAVEMENT MARKINGS	INTE.		SHEETS NO.
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION				TC24	CONTRACT NO.
u.	PLOT DATE = 12/11/2020	DATE -	REVISED -		SCALE: NONE	SHEET 2 OF 3 SHEETS STA. TO STA.		ILLINOIS FED. A	AID PROJECT



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ILLINOIS   FED. AID PROJECT			TC-24 ILLINOIS FED	NO.



USER NAME = rothjp	DESIGNED -	REVISED -		PROJECT DETAIL FOR PARALLEL CURB RAMPS					F.A. BTE	SECTION	COUNTY	TOTAL	SHEET	
	DRAWN - R. LEDEZMA	REVISED -	STATE OF ILLINOIS	(PD-06)										
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION								PD-06	CONTRACT N		
PLOT DATE = 1/22/2021	DATE - 10/02/2019	REVISED -	SCA		SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED AID PROJEC		AID PROJECT	JJECT	