FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

CH 07 - OLD CHICAGO ROAD SOUTH OF KAHLER ROAD TO IL-102 **SECTION: 2019–124–RS–SW/SR** PROJECT: STP-5CZW (769) STANDARD OVERLAY, NEW SHOULDER, & MILLED RUMBLE STRIP

> **WILL COUNTY** C-91-032-20 R 10 E

IN WESLEY TOWNSHIP

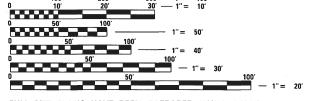
THIS IMPROVEMENT IS LOCATED

TRAFFIC DATA 2019 ADT = 1100

POSTED SPEED LIMIT SPEED LIMIT = 55 MPH

> **PROJECT BEGINS STATION: 15 + 62**

> > **OMISSION BEGIN STATION: 73 + 21** END STATION: 74 + 64



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

PROJECT MANAGER: ALAIN MIDY (847) 221-3056

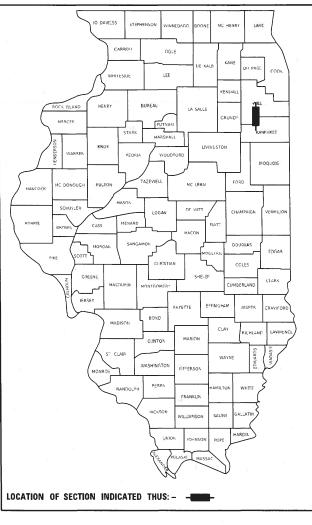
ELWOOD BLODGETT ANDRE WILTON . SYMERTON WILMINGTON GODLEY

WESLEY TOWNSHIP

GROSS LENGTH = 20114 FT. = 3.80 MILES NET LENGTH = 19506 FT. = 3.69 MILES

2019-124-RS-SW/SR WILL ILLINOIS CONTRACT NO. 62J62

D-91-252-20



PROJECT END **STATION: 216 + 76**

> STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUBMITTED MARCH 13 20 20

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

REV-SEP

CONTRACT NO. 62J62

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2	INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES	442201-03	CLASS C AND D PATCHES
3 & 4	SUMMARY OF QUANTITIES	642001-02	SHOULDER RUMBLE STRIP 16"
5	TYPICAL SECTIONS	701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 MI TO 24" (600 MMI FROM PAVEMENT EDGE
6-12	ROADWAY AND PAVEMENT MARKING PLANS	701011-04	OFF-RD, MOVING OPERATION. 2L .2W. DAY ONLY
13	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD-08)		LANE CLOCUPE OF AM CHAPT THE OPERATIONS
14	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)	701301-04	LANE CLOSURE 2L, 2W, SHORT TIME OPERATIONS
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16	CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)	701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS - DAY ONLY
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19	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT) (TC-11)	701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
20	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)	701901-08	TRAFFIC CONTROL DEVICES
21	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)		
22	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING (TC-16)		
23	ARTERIAL ROAD INFORMATION SIGN (TC-22)		

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 WESLEY TOWNSHHIP

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

BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES IAND RAISED REFECTIVE PAVEMENT MARKERS) IN ORDER THATTHESE 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.

THE CONTRACTOR SHALL CONTACT THE IDOT ARTERIAL DISTRICT ONE TRAFFIC CONTROL SUPERVISORAT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

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

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

WHEN THE MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1½INCHES WHERE THE SPEED LIMIT IS 40 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 40 MPH. WITH WRITTEN APPROVAL OF THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING JS SLOPED A MINIMUM 1:3 (V:H) OR A NOTCHED LONGITUDINAL WEDGE IS USED.

ALL PAVEMENT PATCHING LOCATIONS WILL DETERMINED IN THE FIELD BY THE ENGINEER

BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING AWHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING TO THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

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.

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

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

CONTACT THE IDOT ROADSIDE DEVELOPMENT UNIT AT 847-705-4171 AT LEAST 2 WEEKS PRIOR TO BEGINNING FORESTRY WORK FOR LAYOUT

TO STA.

07

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INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES OLD CHICAGO ROAD TO IL 102

SHEET

SHEETS STA.

SCALE:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

USER NAME = ab delrahmanmm

PLOT SCALE = 100.0000 ' / in.

PLOT DATE = 3/24/2020

DESIGNED

DRAWN

DATE

CHECKED

CODE NO 20200100 28000400 40600290	SUMMARY OF QUANTITIES ITEM EARTH EXCAVATION PERIMETER EROSION BARRIER	UNIT	URBAN TOTAL QUANTITIES	0005							RY OF QUANTITIES		URBAN	0005					
28000400				20%STATE					CODE NO		ITEM	UNIT	TOTAL QUANTITIES	80%FED 20%STATE					
	PERIMETER EROSION BARRIER	CU YD	3854	3854															
40600290		FOOT	355	355					63100167	TRAFFIC BARR (SPECIAL) TAI	IER TERMINAL, TYPE 1 NGENT	EACH	10	10					
	BITUMINOUS MATERIALS (TACK COAT)	POUND	32408	32408															
									64200116	SHOULDER RUM	MBLE STRIPS, 16 INCH	FOOT	40160	40160					
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	73	73															<u> </u>
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT	SO YD	80	80				*	66900200	NON-SPECIAL WA	ASTE DISPOSAL	CUYD	385	385					<u> </u>
	JOINT	32 12						*	k 66900530	SOIL DISPOSAL	ANALYSIS	EA	6	6					1
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	200	200															
								*	66901001	REGULATED SUBS	STANCES PRE- CONSTRUCTION PLAN	L SUM	1	1					
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	2690	2690						DECHI ATEO CURA	CTANCES EINAL CONSTRUCTION								
	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5,							*	66901003	REPORT	STANCES FINAL CONSTRUCTION	LSUM	1	1					<u> </u>
40604062	MIX "D", N70	TON	5380	5380					66901006	DECINATED SUBS	STANCES MONITORING	DAYS							<u> </u>
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SO YD	48012	48012					00301000	REGULATED SUBS	STANCES MUNITURING	DATS	8	8					
		32 12							67000400	ENGINEER'S F	FIELD OFFICE, TYPE A	CAL MO	6	6					1
44002212	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3"	SQ YD	1169	1169															
									67100100	MOBILIZATION	ı	L SUM	1	1					
									70100450	TRAFFIC CONT	ROL AND PROTECTION.	L SUM	1	1					
44201753	CLASS D PATCHES, TYPE II. 9 INCH	SO YD	127	127						31ANDARD 101	1201								
									70100600	TRAFFIC CONTE	ROL AND PROTECTION. 336	L SUM	1	1					
44201757	CLASS D PATCHES, TYPE III, 9 INCH	SO YD	76	76															
									70102620	STANDARD 701	ROL AND PROTECTION, 501	L SUM	1	1					<u> </u>
44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	966	966						TRAFFIC CONTR	OL AND PROTECTION.	 	<u> </u>						<u> </u>
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SO YD	4900	4900					70102635	STANDARD 7017	701	L SUM	1	1					
									70300100	SHORT TERM F	PAVEMENT MARKING	FOOT	8205	8205					
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SO YD	4900	4900															
									70300210	TEMPORARY PA	AVEMENT MARKING LETTERS AND	SO FT	74	74					REV-SEF
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	17340	17340													* SPE		
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Γ		SUMMARY OF QUANTITIES		URBAN		COI	NSTRUCTIO	N TYPE C	ODE			SLIMM	ARY OF QUANTITIES		LIDDAN		CO	NSTRUCTIO	N TYPE COL	E .
\vdash		SOMMAN OF GRANTIFIES		4	0005								ANT OF GUARTITIES		URBAN TOTAL					
	CODE NO	ITEM	UNIT	TOTAL QUANTITIES	80%FED 20%STATE						CODE NO		ITEM	UNIT	QUANTITIE	:s				
ļ	70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	8575	8575															
	70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	121	121															
	70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	162	162															
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	74	74															
* [8000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	42600	42600															
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	121	121															
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	162	162															
*	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	330	330															
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	630	630															
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	350	350															
[;	(0326898	CENTER LINE - RUMBLE STRIP - 16"	FOOT	20080	20080															
*	X7800815	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE - 4 INCH	FOOT	18790	18790															
[;	20030850	TEMPORARY INFORMATION SIGNING	SO FT	51. 4	51. 4															
]	20033700	LONGITUDINAL JOINT SEALANT	FOOT	19506	19506															
ø	20076600	TRAINEES	HOUR	500	500															Ø 004
Ø	20076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	500	500														* CDE(REV-SE
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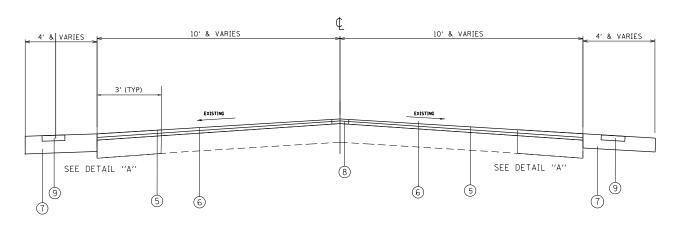
4' & VARIES 10' & VARIES 10' & VARIES 4' & VARIES 3

OLD CHICAGO RD.

OLD CHICAGO RD.. EXISTING TYPICAL SECTION

STA. 15+62 TO STA. 216+76

OLD CHICAGO RD.



OLD CHICAGO RD..

PROPOSED TYPICAL SECTION

STA 15+62 TO STA 216+76

12" CLASS D PATCH (AS DIRECT BY THE ENGINEER)

DETAIL "A"

LEGEND:

- 1) EXISTING PCC SURFACE COURSE ±9"
- 2 EXISTING HMA SURFACE ±3"
- 3 EXISTING AGGREGATE SHOULDER
- 4 PROPOSED HMA SURFACE REMOVEL. 3 "
- 5 PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D",IL-9.5. N70. 2"
- 6 PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50. 1"
- 7 PROPOSED HMA SHOULDER, 8"
- 8 PROPSED CENTERLINE RUMBLE STRIP 16"
- 9 PROPSED SHOULDER RUMBLE STRIP 16"

NOTES:

- 1) CONTRACTOR SHALL PATCG BEFORE MILLING
- (2) "THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED NIMDER IL-4.75" PRE GUIDANCE ON THE LONGITUDINAL JOINT SEALANT BDE , THE DESIGNER MUST SPECIFY ON THE PLANS WHICH LIFTS OF THE HMA WIL RECEIVE THE SEALANT
- 1) OMISSION RANGE (73+21 TO 74+64)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

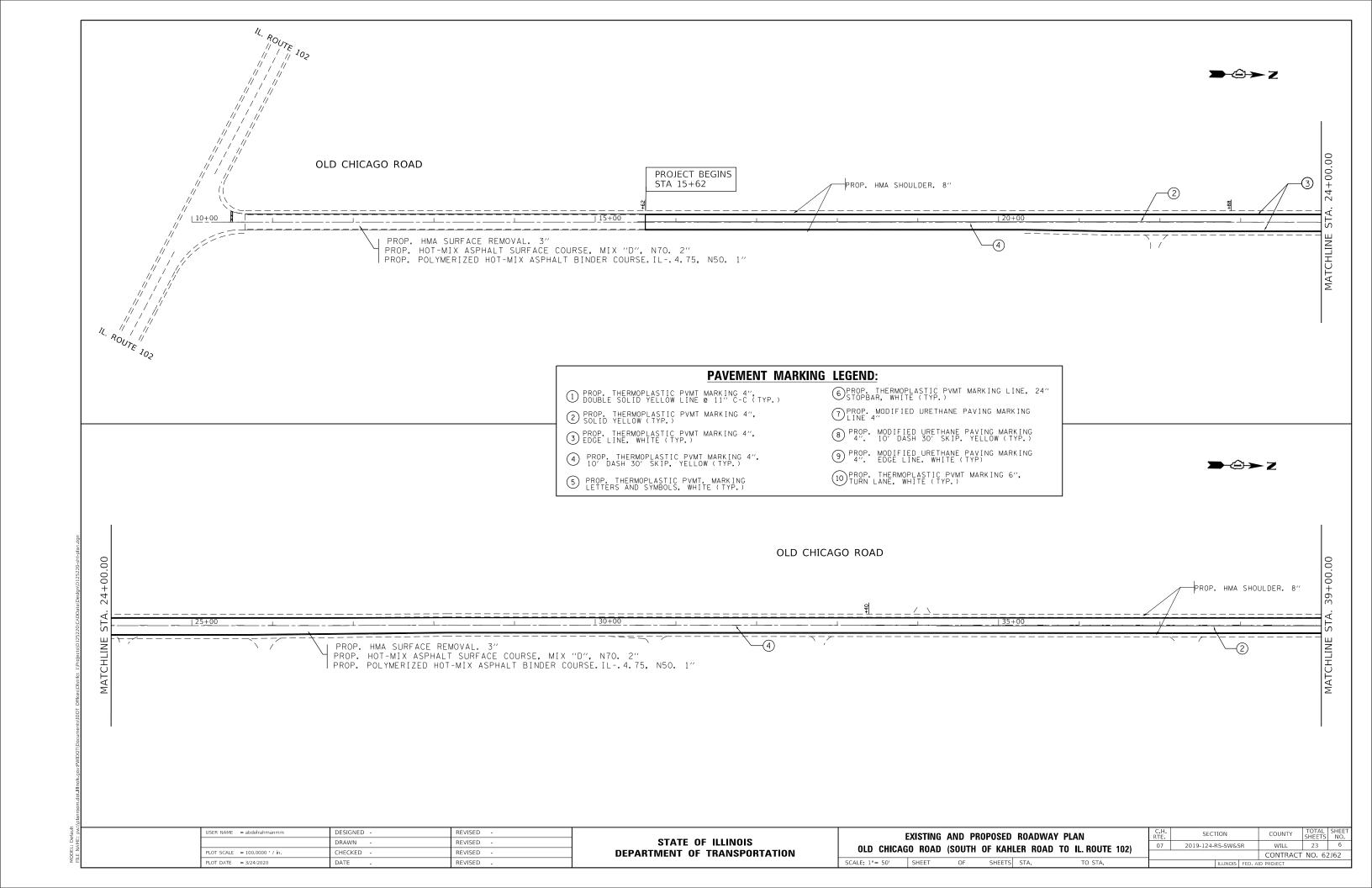
MIXTURE REQUIREM	MENTS	QUALITY MANAGEMENT
MIXTURE USES	VOIDS @ Ndes	PROGRAM (QMP)
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5. N70 2"	4% AT 70 GYR.	QCP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 1"	3.5 % AT 50 GYR.	QCP
PATCHING		
CLASS D PATCHES (HMA BINDER, IL-19.0 mm)	4% AT 70 GYR.	QC/QA
HMA REPLACEMENT (HMA BINDER, IL-19.0 mm)	4% AT 70 GYR.	QC/QA
HMA SHOULDER 8"		
HOT MIX ASHPHALT BINDER COURSE, MIX "D", IL-9.5, N7O 6"	4% AT 70 GYR.	QC/QA
HOT MIX ASHPHALT SURFACE COURSE, MIX "D" , IL-9.5. N70 2"	4% AT 70 GYR.	QC/QA
QMP Designation: Quality Control/Quality Assurance (QC/QA); Quality Cont	trol for Performance (QCP)	

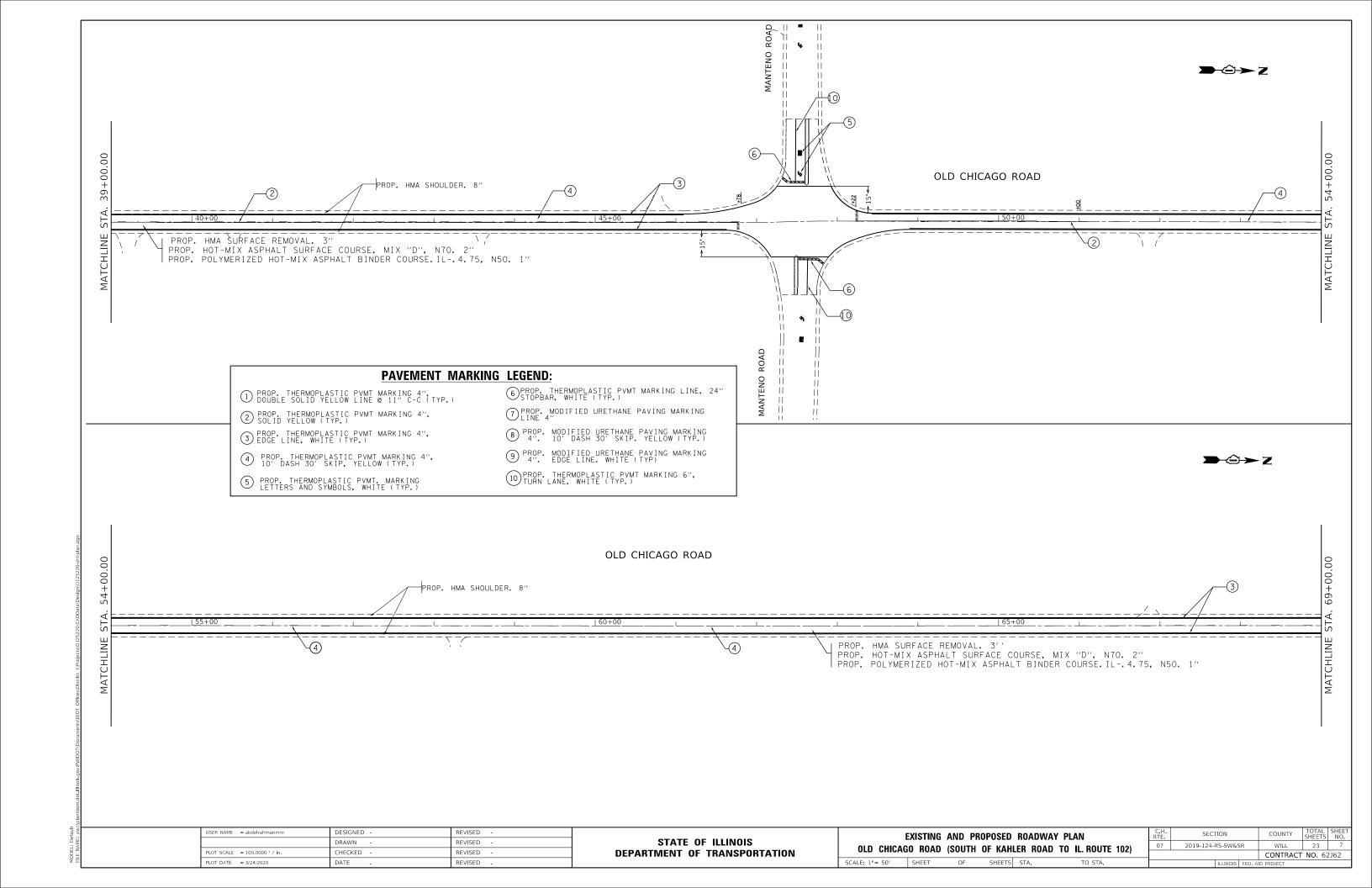
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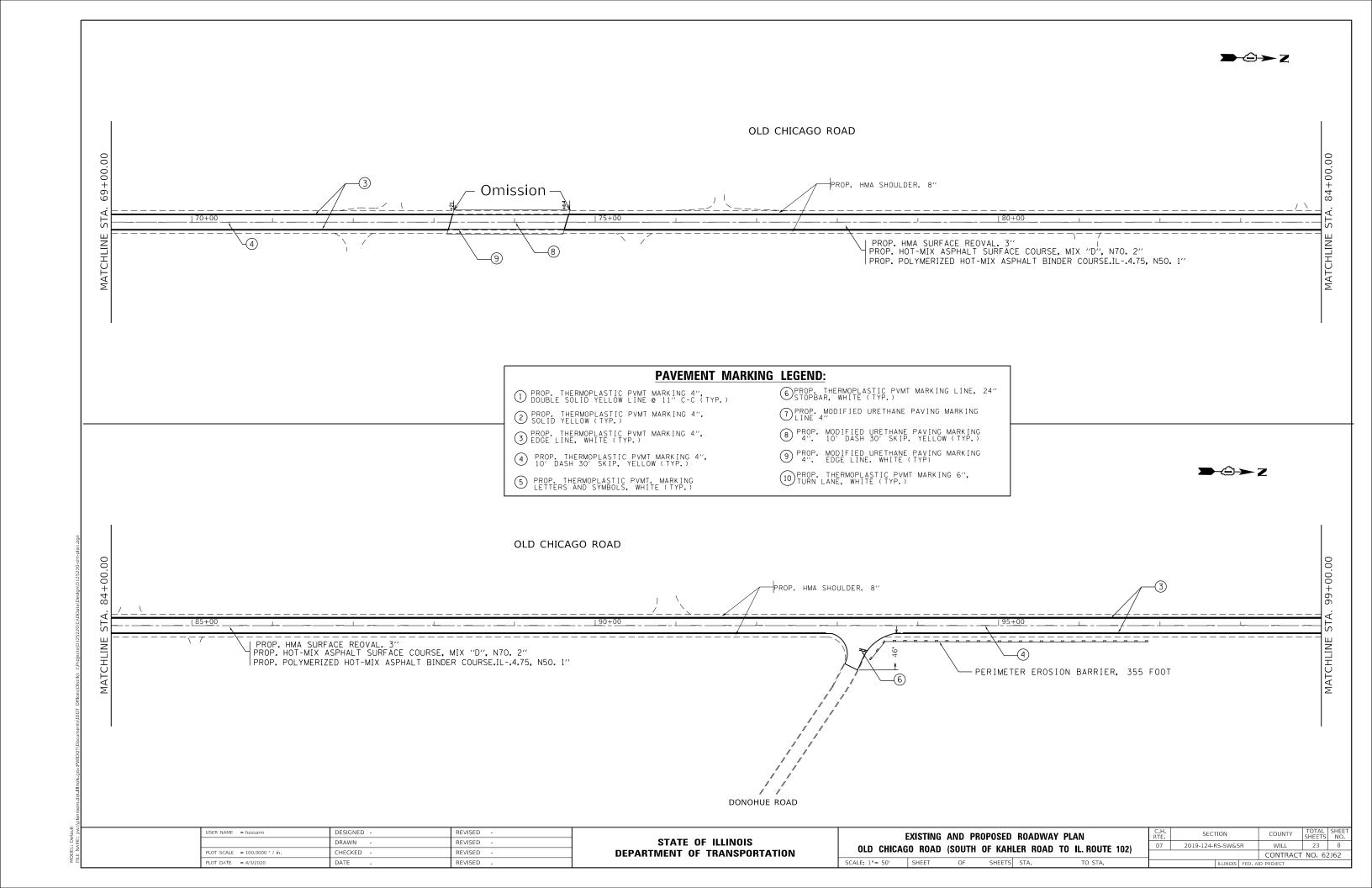
- 1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQYD/IN
- 2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS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

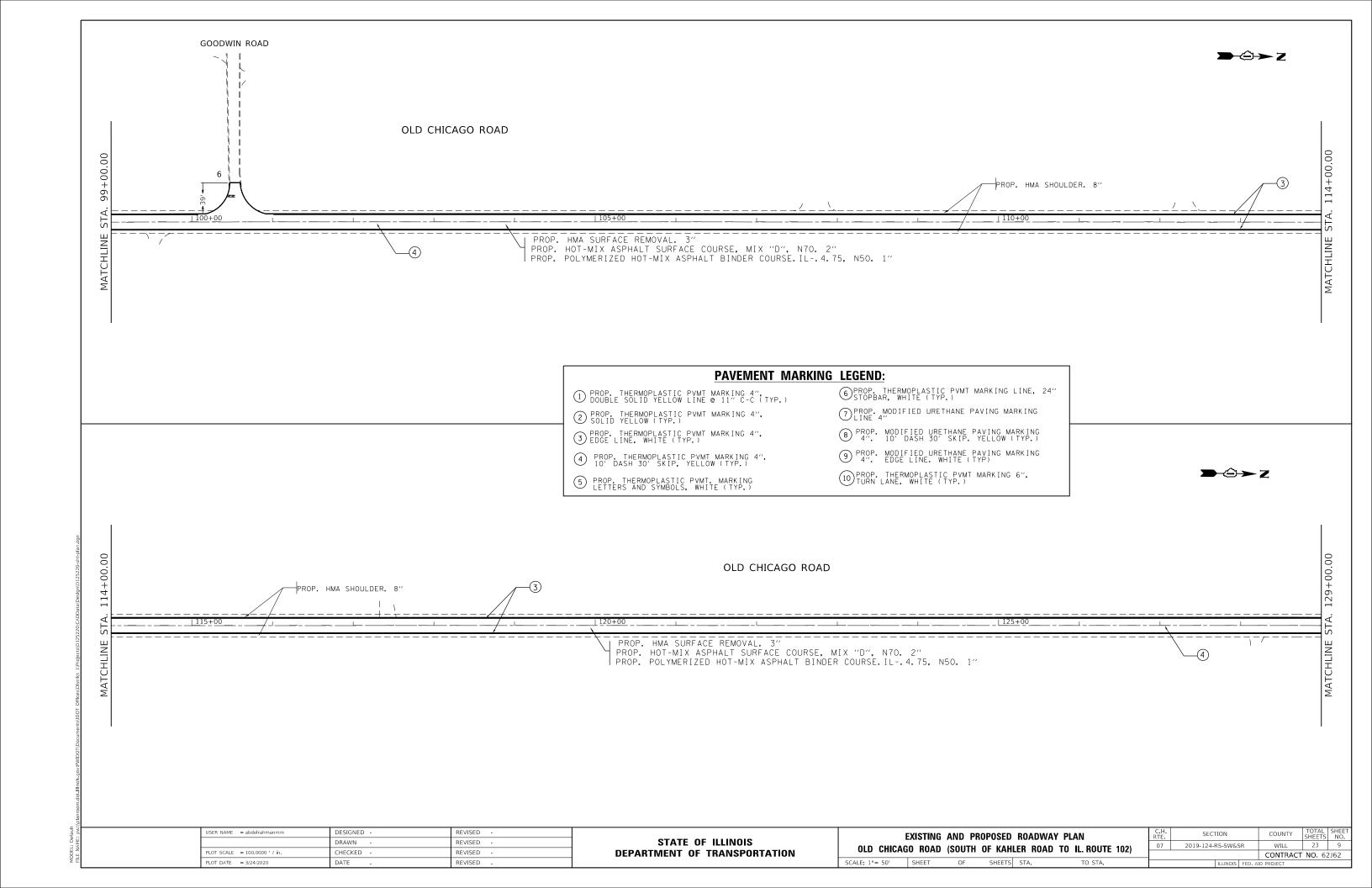
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PLOT DATE = 3/25/2020	DATE -	REVISED -

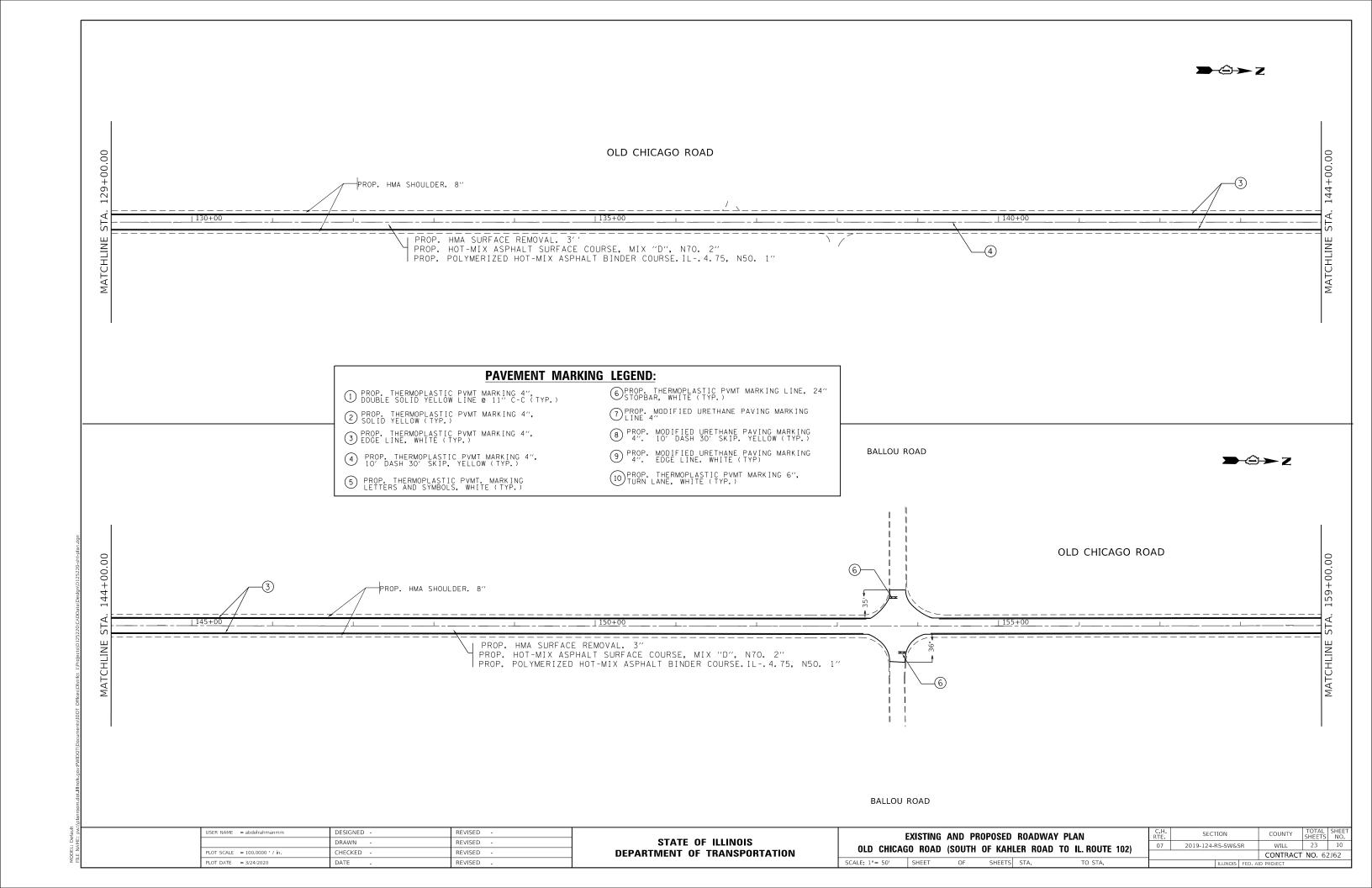
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FR	חוח ואר	CHICAGO	BUVD	TΩ	KAHLER	BUVD	07	2019-0	025-RS		WILL	23	5
	JIVI OLD	CITICAGO	ווטאט	10	MAIILLII	ווטאט					CONTRACT	NO. 62	2J62
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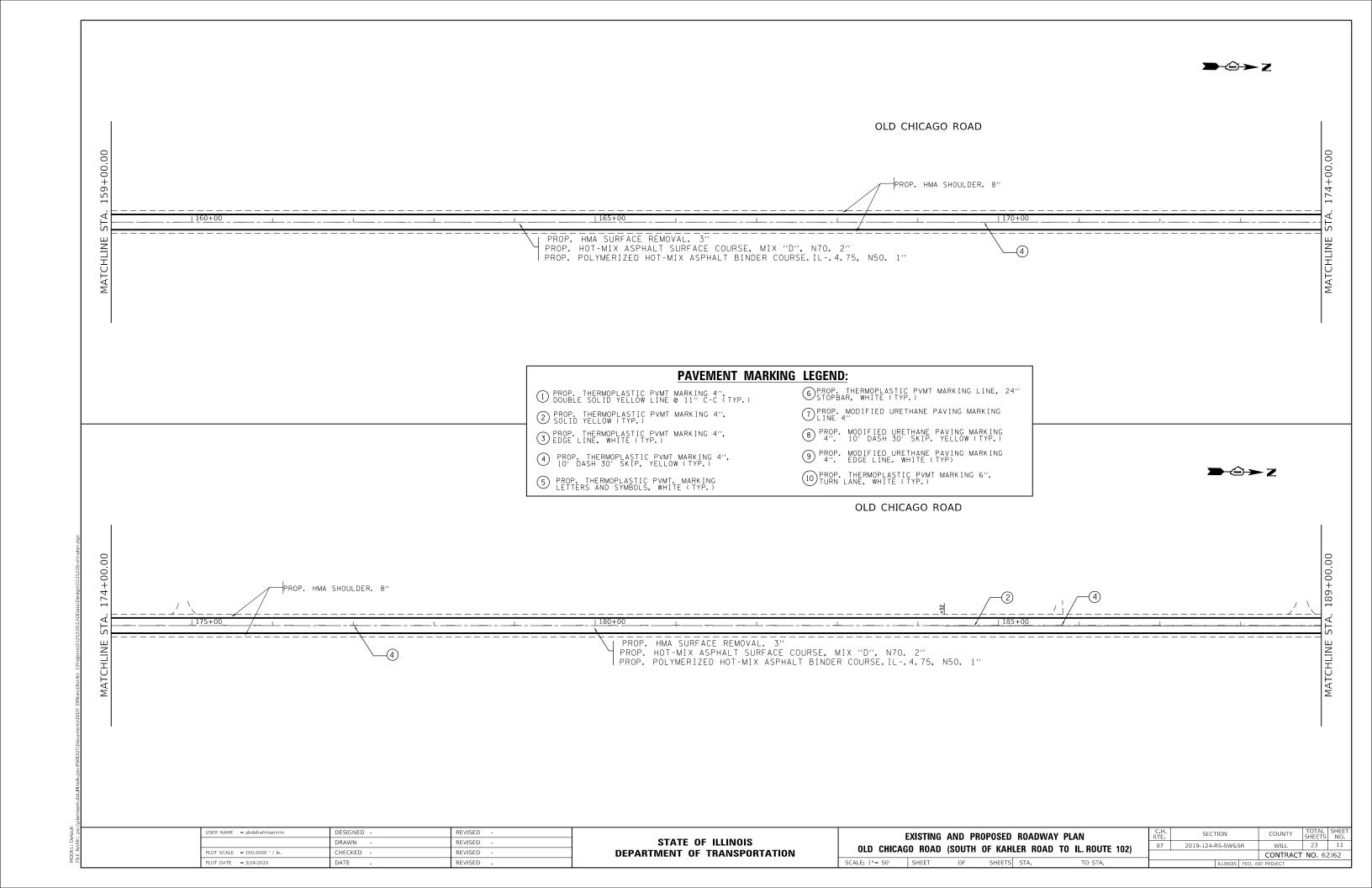


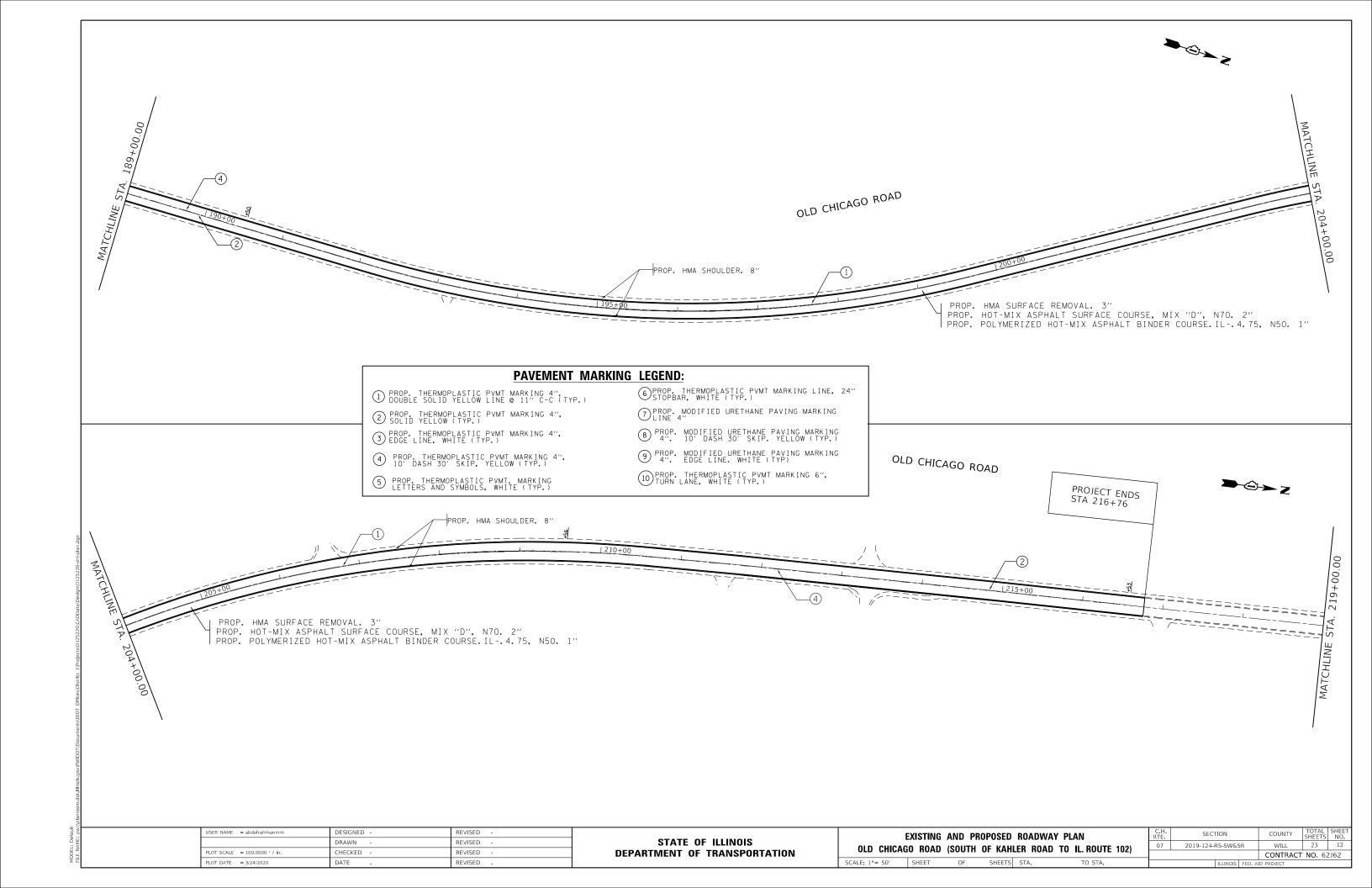


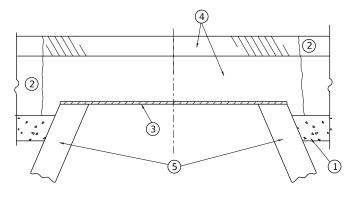


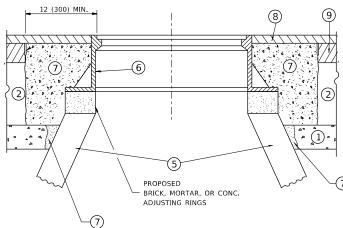












NOTES

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 IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1½ (40)
 THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1 *
 CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING
 BASE COURSE OR THE BINDER COURSE.
- f * UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE FNGINFER."

LEGEND

- ① SUB-BASE GRANULAR MATERIAL
- 6 FRAME AND LID (SEE NOTES)
- 2 EXISTING PAVEMENT
- (7) CLASS PP-1 *CONCRETE
- 3 36 (900) DIAMETER METAL PLATE
- 8) PROPOSED HMA SURFACE COURSE
- PROPOSED CRUSHED STONE AND HMA SURFACE MIX

(5) EXISTING STRUCTURE

9 PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES

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 THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

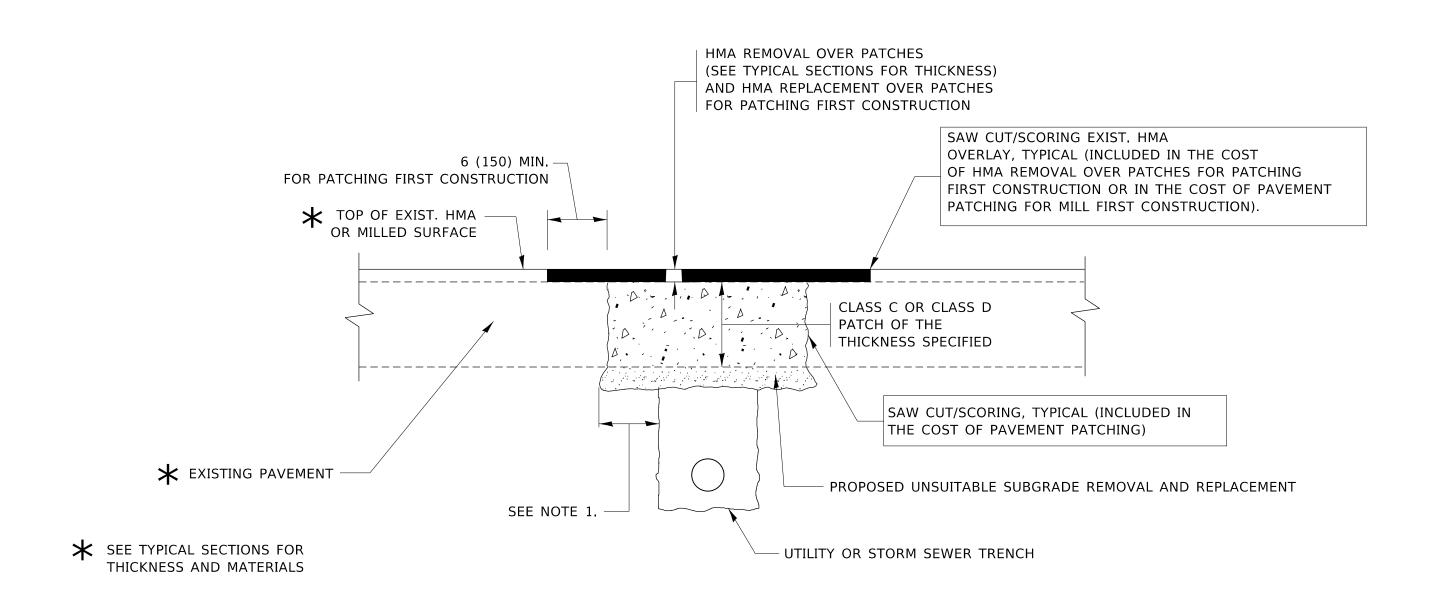
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FRAMES AND LIDS ADJUSTMENT WITH MILLING

| SHEET | OF | SHEETS | STA. TO STA.

C.H. SECTION COUNTY TOTAL SHEE NO. 2019-124-RS-SW&SR WILL 23 13

| BD600-03 (BD-8) | CONTRACT NO. 62J62



NOTES:

- 1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
- 2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

- 1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
- 2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
- 3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

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

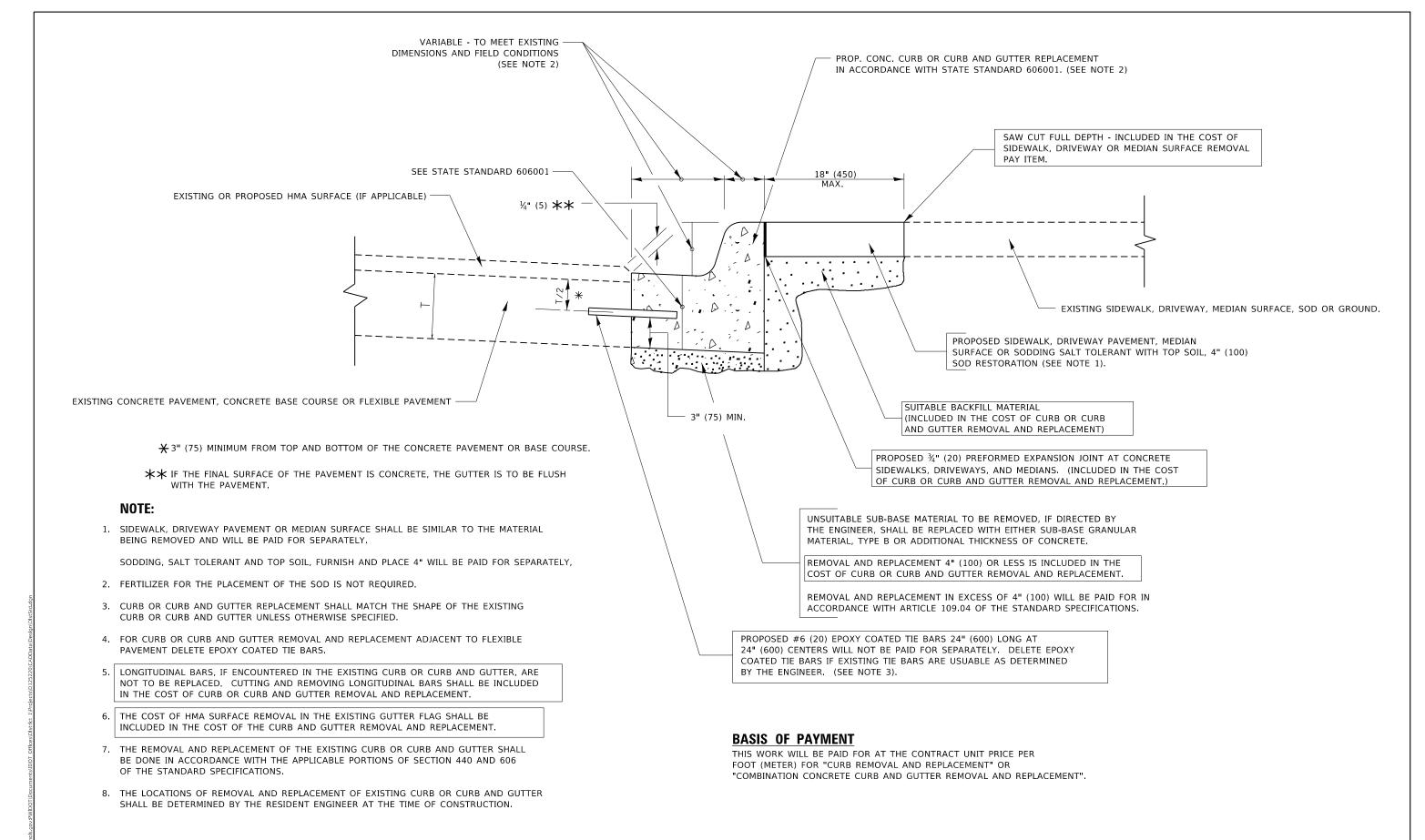
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

OSEN NAME = abdellallillallillill	DESIGNED - N. SHAH	KEVISED -	-	A. ABBAS 04-27-90
	DRAWN -	REVISED -	-	R. BORO 01-01-07
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	-	R. BORO 09-04-07
PLOT DATE = 3/24/2020	DATE - 10-25-94	REVISED -	-	K. ENG 10-27-08

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: NONE

		PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT	R	C.H. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.				
					JT	07	2019-124-RS-SW/	SR	WILL	23	14		
			IIA 30	111 /	TOLD I	AVLIVILI	41		BD400-04 (BD-22)		CONTRACT	NO. 62	J62
	SHEET	1	OF	1	SHEETS	STA.	TO STA.		ILLINOIS	FED. A	ID PROJECT		



CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

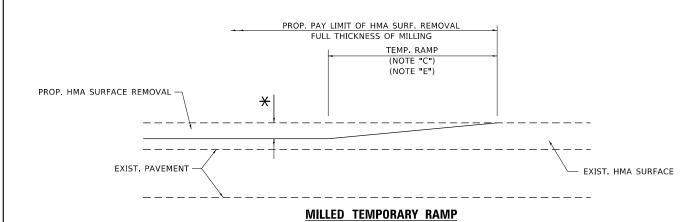
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

USER NAME = abdelrahmanmm	DESIGNED -	A. HOUSEH	REVISED	-	R. SHAH 10-03-96
	DRAWN -		REVISED	-	A. ABBAS 03-21-97
PLOT SCALE = 100.0000 / in.	CHECKED -		REVISED	-	M. GOMEZ 01-22-01
PLOT DATE = 3/24/2020	DATE -	03-11-94	REVISED	-	R. BORO 12-15-09

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

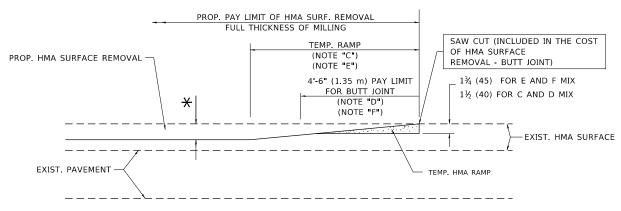
SCALE: NONE

CUR	B OF	R C	URB AN	D GUT	ΓER	C.H. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
REM	REMOVAL AND REPLACEMENT						2019-124-RS-SW/	WILL	23	15	
ILLIVI	UVA		IND IILI	LACLIVIL	-141		BD600-06 (BD-24)		CONTRACT	NO. 62	J62
1	OF	1	SHEETS	STA.	TO STA.		ILLINOIS	FED. A	ID PROJECT		



(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

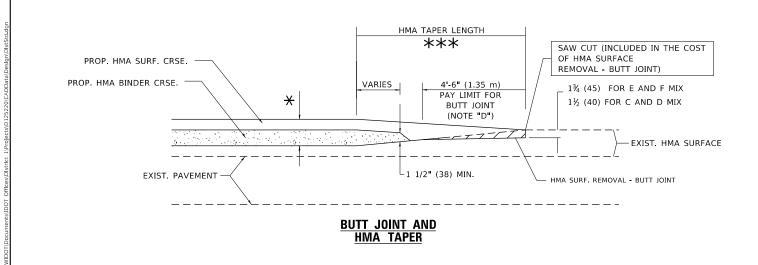


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

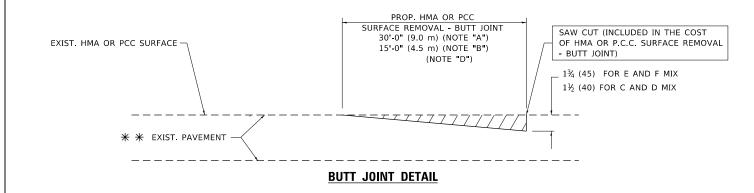
OPTION 2

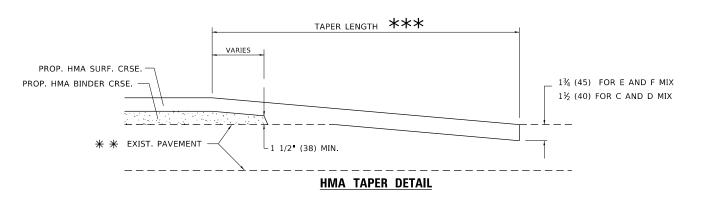
TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION





TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

- A. MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F. INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL BUTT JOINT.

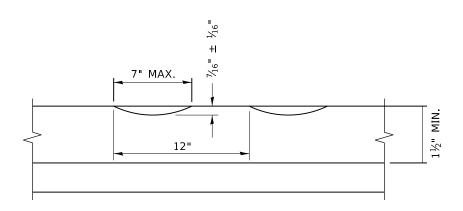
 ** SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- G. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- $\star\star\star$ 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A") 10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

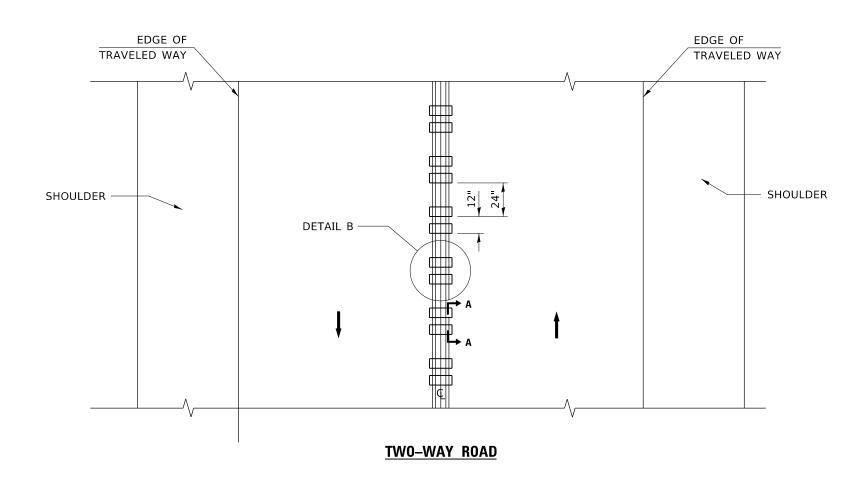
THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".

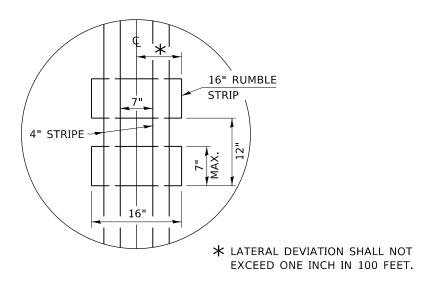
SCALE: NONE

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



SECTION A-A





DETAIL B

GENERAL NOTES

CENTERLINE RUMBLE STRIPS SHALL BE CONSTRUCTED ACCORDING TO SECTION 642 ALONG THE CENTERLINE OF PAVEMENT.

SEE STANDARD 780001 FOR OTHER STRIPING LAYOUTS.
RUMBLE STRIPS SHALL NOT BE PLACED ON BRIDGES.

ALL RUMBLE STRIPS SHALL BE MILLED.

CENTERLINE RUMBLE STRIPS SHALL BE CONTINUOUS THROUGH CONNECTIONS OF SIDEROADS WITH NO LEFT TURN LANES.

DISCONTINUE CENTERLINE RUMBLE STRIPS THROUGH THE LIMITS OF ALL LEFT TURN LANES, INCLUDING ANY LANE TAPER SECTIONS.

AFTER RUMBLE STRIPS ARE INSTALLED, THE PAVEMENT SURFACE SHALL BE SWEPT CLEAN PRIOR TO THE PLACEMENT OF THE NEW PAVEMENT MARKINGS.

WHERE USED, ADJUST SPACING OF RAISED REFLECTIVE PAVEMENT MARKERS TO FALL IN WIDER GAP BETWEEN RUMBLE STRIPS.

BASIS OF PAYMENT

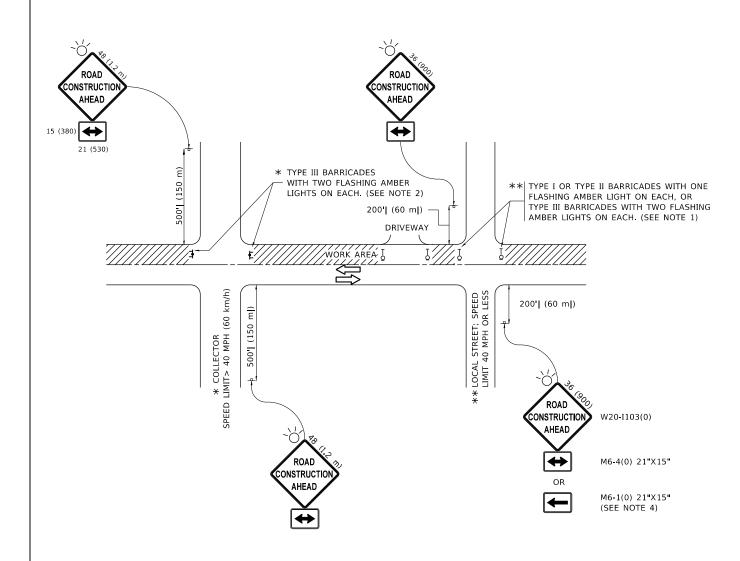
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR CENTERLINE-RUMBLE STRIP OF THE WIDTH SPECIFIED.

HOT-SPRAY THERMOPLASTIC PAVEMENT MARKING WILL BE USED OVER THE RUMBLE STRIPS, AND WILL BE PAID FOR SEPARATELY.

USER NAME = abdelrahmanmm	DESIGNED - R. BORO	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -
PLOT DATE = 3/24/2020	DATE - 08-06-2012	REVISED -

SCALE: NONE

								C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
RUMBLE STRIPS FOR CENTERLINE, NON–FREEWAY					NON-FREEWAY	07	2019-124-RS-SW/SR	WILL	23	17		
									BD 55	CONTRAC	T NO. 62	J62
- 1	CHEET	1	OE	1	CHEETC	CTA	TO CTA					



NOTES:

- 1. 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:
- a) 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.
- b) 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.
- 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
- a) 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
 b) BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION
 OF THE CLOSED PORTION.
- 3. 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
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE
 4. SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL
 BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

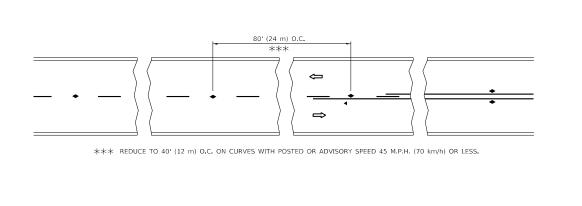
- 5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
- 6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER
- THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

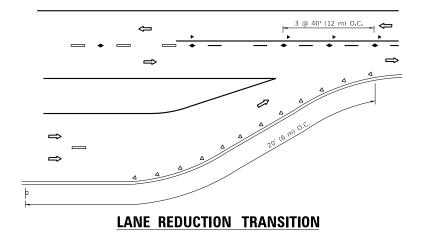
All dimensions are in inches (millimeters) unless otherwise shown.

USER NAME = abdelrahmanmm	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
PLOT DATE = 3/24/2020	DATE - 06-89	REVISED A SCHUETZE 09-15-16

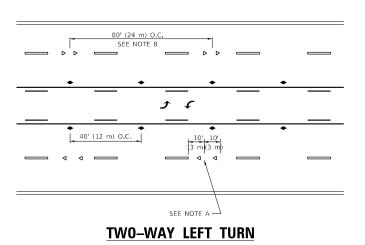
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

;					TION FOR DRIVEWAYS
SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.

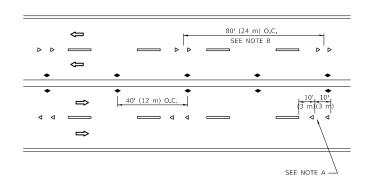


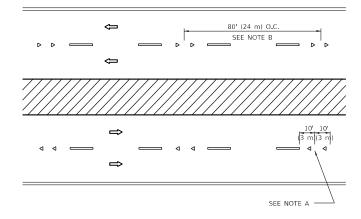


SEE FIGURE 3B-14 MUTCD



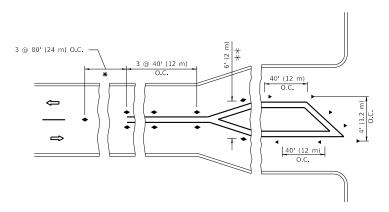
TWO-LANE/TWO-WAY

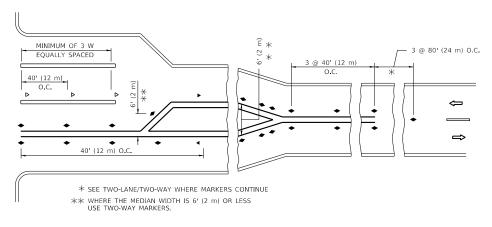




MULTI-LANE/UNDIVIDED







TURN LANES

GENERAL NOTES

- 1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
- 2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
- MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
- 4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

- 1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
- 2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL. MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
- 3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
- MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS

RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)

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

SYMBOLS

ONE-WAY AMBER MARKER

TWO-WAY AMBER MARKER

ONE-WAY CRYSTAL MARKER (W/O)

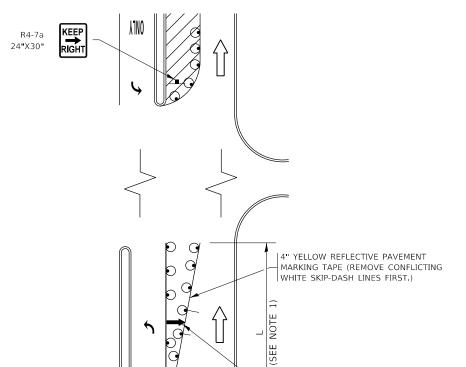
- YELLOW STRIPE

■ WHITE STRIPE

itsjibot Officesjoistitt 1/frigjettsjoi23220

: Default

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER



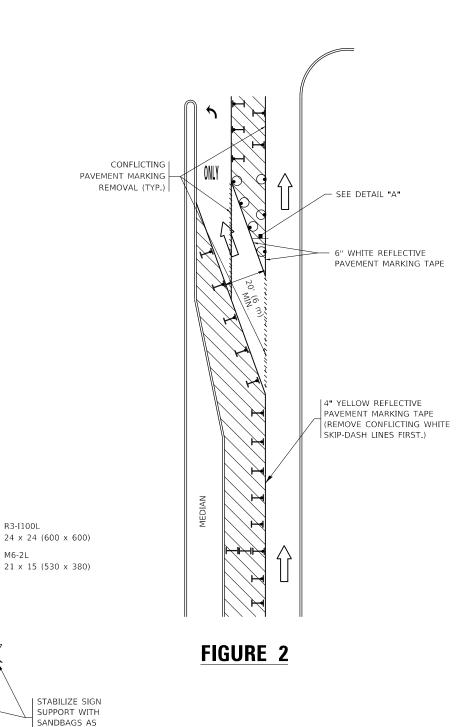
- ARROW BOARD

LEGEND WORK AREA LANE OPEN TO TRAFFIC ARROW BOARD TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT DRUM WITH STEADY BURN LIGHT SIGN ASSEMBLY TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

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-I100R 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.

TURN BAY ENTRANCE WITHIN A LANE CLOSURE



DETAIL A

SCALE: NONE

NECESSARY

M6-2L

TURN

All dimensions are in inches (millimeters) unless otherwise shown

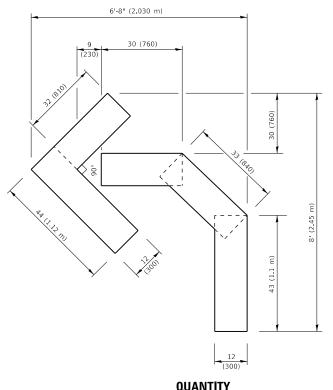
JSER NAME = abdelrahmanmm DESIGNED -T. RAMMACHER 09-08-94 REVISED - R. BORO 09-14-09 DRAWN - A. HOUSEH 11-07-95 REVISED - A. SCHUETZE 07-01-13 A. HOUSEH 10-12-96 REVISED - A. SCHUETZE 09-15-16 DATE -T. RAMMACHER 01-06-00 REVISED PLOT DATE = 3/24/2020

FIGURE 1

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

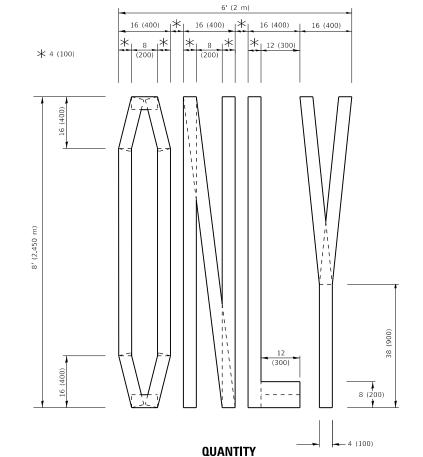
TRAFF	IC CONTROL AND	PROTECTION AT TURN	BAYS	C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEE NO.
	/TO REMAIN	OPEN TO TRAFFIC)		07	2019-124-RS-SW/SR	WILL	23	20
	(10 IILIVIAIIV	OTEN TO THATTIC,			TC-14	CONTRACT	NO.	62J62
NE	SHEET 1 OF 1	SHEETS STA	TO STA		TILLINOIS SED A	ID DOOLECT		

SEE DETAIL "A"

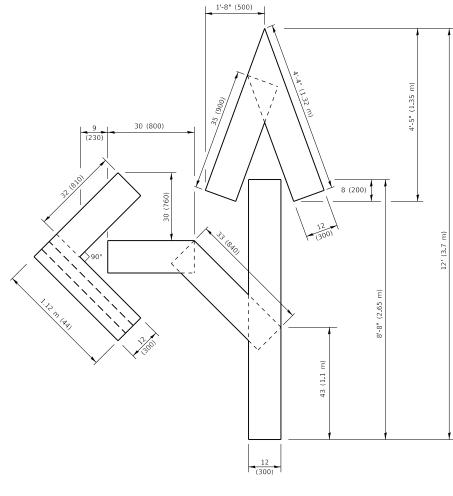


QUANTITY

4 (100) LINE = 45.5 ft. (13.9 m) 15.2 sq. ft. (1.41 sq. m)



4 (100) LINE = 64.1 ft. (19.5 m)21.4 sq. ft. (1.99 sq. m)

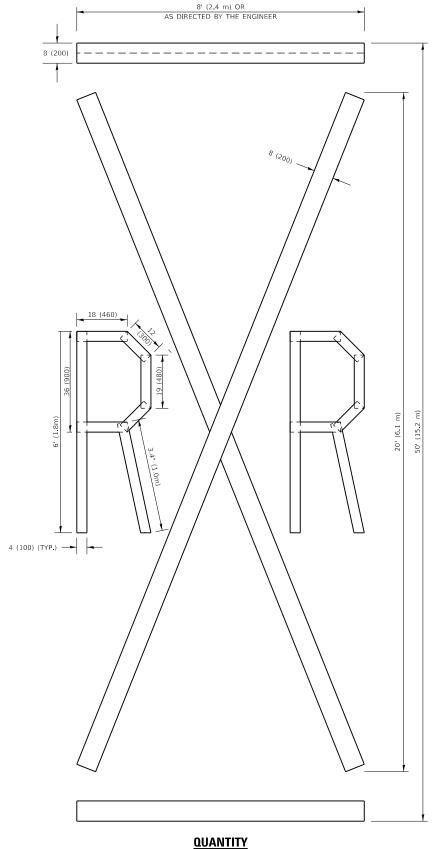


QUANTITY

4 (100) LINE = 82.5 ft. (25.1 m) 27.5 sq. ft. (2.53 sq. m)

NOTE:

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



4 (100) LINE = 225.9 ft. (68.9 m) 75.3 sq. ft. (6.99 sq. m)

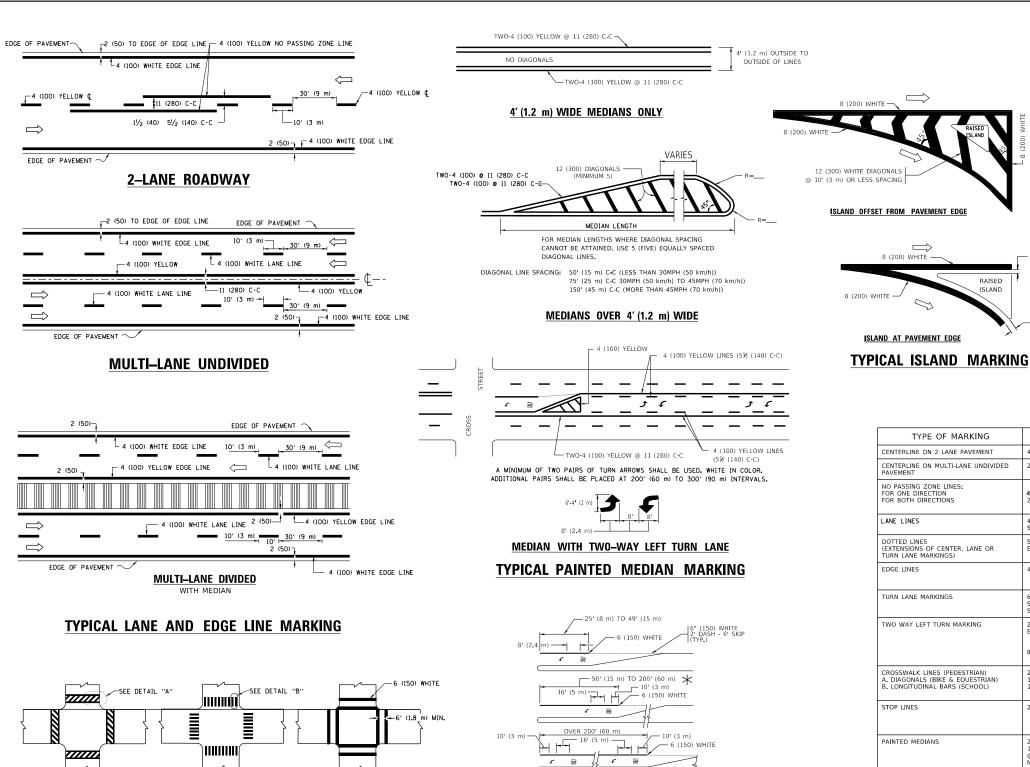
> All dimensions are in inches (millimeters) unless otherwise shown.

USER NAME = abdelrahmanmm	DESIGNED -	REVISED	-T. RAMMACHER 03-02-98
	DRAWN -	REVISED	- E. GOMEZ 08-28-00
PLOT SCALE = 100.0010 ' / In.	CHECKED -	REVISED	- E. GOMEZ 08-28-00
PLOT DATE - 3/24/2020	DATE 09-18-94	REVISED	A SCHIETZE 09-15-16

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS SCALE: NONE SHEET 1 OF 1 SHEETS STA.

TOTAL SHEET NO. 23 21 SECTION 2019-124-RS-SW/SR WILL TC-16 CONTRACT NO. 62J62



 \star 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". TYPICAL LEFT (OR RIGHT) TURN LANE TYPICAL TURN LANE MARKING

D(FT) SPEED LIMIT 665 50 55 **COMBINATION** LEFT AND U-TURN 5'-4" (1620) √ 32 R (810)

LANE REDUCTION TRANSITION

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

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	5½ (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	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (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 / EACH "X"=54.0 SQ. FT. (5.0 m / E
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

U_TURN

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

SCALE: NONE

8 (200) WHITE -

ISLAND AT PAVEMENT EDGE

RAISED

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

USER NAME = abdelrahmanmm	DESIGNED - EVERS	REVISED	-	C. JUCIUS 09-09-09
	DRAWN -	REVISED	-	C. JUCIUS 07-01-13
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED	-	C. JUCIUS 12-21-15
PLOT DATE = 3/24/2020	DATE - 03-19-90	REVISED	-	C. JUCIUS 04-12-16

PEDESTRIAN

2' (600)

DETAIL "B"

12 (300) WHITE

-6 (150) WHITE

TYPICAL CROSSWALK MARKING

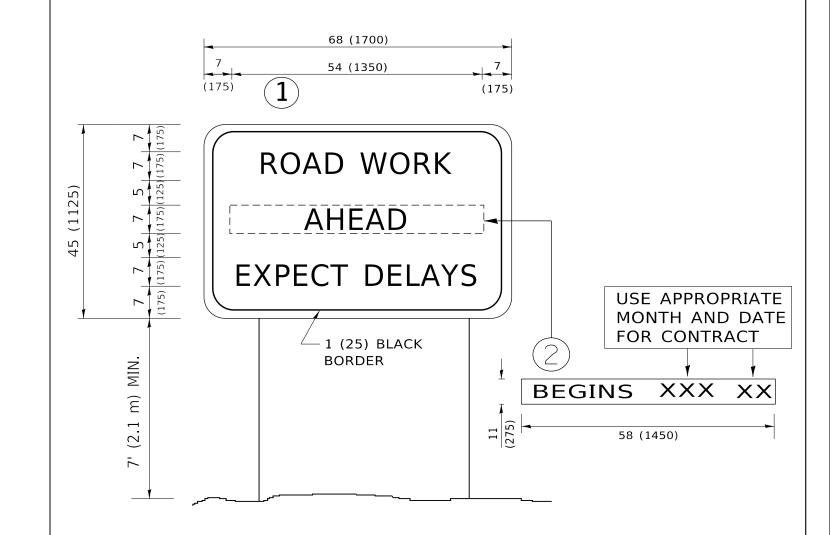
 $m{\star}$ MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

DETAIL "A"

BICYCLE & EQUESTRIAN

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

	DISTRICT ONE TYPICAL PAVEMENT MARKINGS			C.H. RTE	SECTION		COUNTY	TOTAL SHEETS	SHEE' NO.		
				07	2019-124-RS-SW/SR		WILL	23	22		
TTFICAL PAVEWEINT WANKINGS				TC-13		CONTRACT	NO.	62J62			
	SHEET 1	OF 2	SHEETS	STA.	TO STA.		ILLINOIS	FED. Al	ID 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.

SHEET 1

6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)

SCALE: NONE

7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

USER NAME = abdelrahmanmm	DESIGNED -	REVISED	- R. MIRS 09-15-97
	DRAWN -	REVISED	- R. MIRS 12-11-97
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED	-T. RAMMACHER 02-02-99
PLOT DATE = 3/24/2020	DATE -	REVISED	- C. JUCIUS 01-31-07

ARTERIAL ROAD INFORMATION SIGN		C.H. RTE	SECTION		COUNTY	TOTAL SHEETS	SHEE NO.		
		07	2019-124-RS-SW/SR		WILL	23	23		
			TC-22		CONTRACT	NO.	62J62		
OF 1	SHEETS	STA.	TO STA.		ILLINOIS	FED. AI	D PROJECT		