STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

FAU ROUTE 1453: NORTH AND SOUTH CERMAK ROAD **SECTION 2010–043 RS CERMAK ROAD TO CERMAK ROAD (E) RESURFACING (3P)**

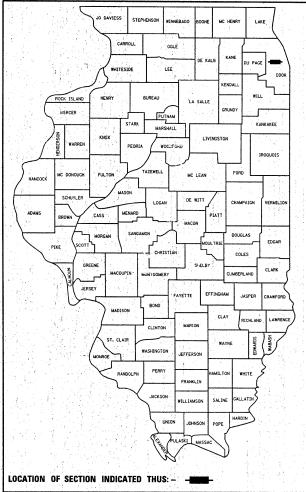
> **COOK COUNTY** C-91-637-10

R 12 E **PROJECT ENDS:** STATION 56+39 Z PROJ :CT BEGINS: STATION 10+54

TRAFFIC DATA

ADT = NOT AVAILABLEPOSTED SPEED LIMIT = 25 MPH SECTION COOK ILLINOIS CONTRACT NO. 60L09

D-91-637-10



DEPARTMENT OF TRANSPORTATION SUBMITTED APRIL 11 20 11 Diane M. O'Keefe gr.
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER acting ENGINEER OF DESIGN AND ENVIRONMENT

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT IS LOCATED IN THE VILLAGE

OF BROADVIEW.

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 EXCAVATION 1-800-892-0123

PROJECT ENGINEER DAN WILGREEN (847) 705-4240 PROJECT MANAGER KEN ENG (847) 705-4247

GROSS AND NET LENGTH OF PROJECT = 4,585 FT. = 0.87 MILES

PROVISO TOWNSHIP

CONTRACT NO. 60L09

INDEX OF SHEETS

SHE	ET NO.	DESCRIPTION
	1	COVER SHEET
	2	INDEX OF SHEETS, STATE STANDARDS, GENERAL NOTES
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	4	EXISTING AND PROPOSED TYPICAL SECTION
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	8	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
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	10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
	11	TYPICAL APPLICATIONS: RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
	12	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
	13	ARTERIAL ROAD INFORMATION SIGN

STATE STANDARDS

STANDARD NO.	DESCRIPTION
000001 -06	TYPICAL SYMBOLS, ABBREVIATIONS AND PATTERNS
442201 -03	CLASS C AND D PATCHES
606001 -<i>0</i>4	CONCRETE CURB AND COMBINATION CONCRETE CURB AND GUTTER
604086 -02	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701301- 04	FRAME AND GRATE TYPE 23
701311 - <i>03</i>	LANE CLOSURE, 2L, 2W MOVING OPERATIONS-DAY ONLY
701501- <i>06</i>	URBAN LANE CLOSURE 2L, 2W UNDIVIDED
701901-0/	TRAFFIC CONTROL DEVICES

GENERAL NOTES

BEFORE STARTING ANY EXCAVATION THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 OR "CUAN" (CHICAGO UTILITY ALERT

NETWORK) AT 312-744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES, (48 HOURS NOTIFICATION IS REQUIRED).

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE UTILITY COMPANIES WITHIN THE VILLAGE OF BROADVIEW.

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

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

THE RESIDENT ENGINEER SHOULD CONTACT MS. PATRICE HARRIS, AREA TRAFFIC ENGINEER TECHNICIAN, AT (708) 597-9800 PRIOR TO PLACING ANY PAVEMENT MARKINGS.

THE CONTRACTOR SHALL CONTRACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO START OF WORK.

10 FEET (3 METERS) TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTERS AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITION SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.

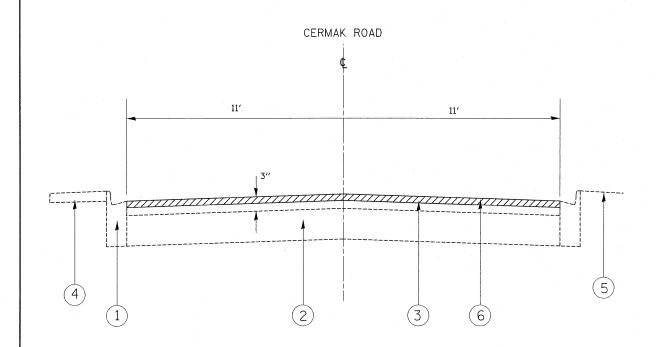
WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES (40MM) WHERE THE SPEED LIMIT IS 45 MPH (80 KM/H). WITH WRITEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75MM) MAY BE ALLOWED IFTHE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).

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.

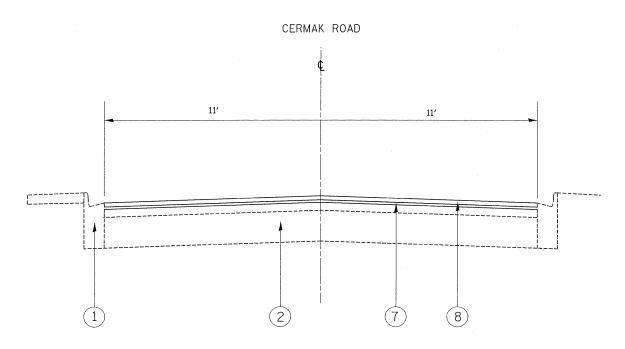
ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

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		SUMMARY OF QUANTITIES	*	URBAN 1001/STATE		ı	CONSTRUCTI	ON TYPE	CODE	·		SUMI	MARY OF QUANTITIES		URBAN 100% STATE	1	(CONSTRUCT	ION TYPE (CODE	
				TOTAL											TOTAL						
CO	DE NO	ITEM	UNIT	QUANTITIES	0005						CODE NO		ITEM	UNIT	QUANTITIES	0005					
21	01615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	42	42		-				* 78100100	RAISED REFL	ECTIVE PAVEMENT MARKER	EACH	60	60					
25	00110	SODDING, SALT TOLERANT	SQ YD	42	42						X4060826		LEVELING BINDER (MACHINE	TON	539	539					
400	00200	BITUMINOUS MATERIALS (PRIME COAT)	TON	10	10						V6030310	METHOD), IL		FACH	22	22					
400	00300	AGGREGATE (PRIME COAT)	TON	52	52						X6030310	(SPECIAL)	LIDS TO BE ADJUSTED	EACH	22	22					
400	00400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	20	20						Z0004562	l l	N CONCRETE CURB AND GUTTER D REPLACEMENT	FOOT	500	500					
400	00895	CONSTRUCTING TEST STRIP	EACH	1	1						Z0018500	DRAINAGE ST	RUCTURES TO BE CLEANED	EACH	10	10					
400	00982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	188	188						Z0030850	TEMPORARY	NFORMATION SIGNING	SQ FT	102.8	102.8					
406	01005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	67	67				-						*						
400	03340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	1099	1099																
420	01300	PROTECTIVE COAT	SQ YD	111	111				1												
424	00200	PORTLAND CEMENT CONCRETE SIDEWALK 5	SO FT	378	378					1											
440	00158	HOT-MIX ASPHALT SURFACE REMOVAL. 2 1/4"	SQ YD	13074	13074																
440	00600	SIDEWALK REMOVAL	SO FT	378	378				2												
440	02212	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3"	SO YD	397	397	-															
442	01753	CLASS D PATCHES, TYPE II, 9 INCH	SO YD	150	150	-															
442	01757	CLASS D PATCHES, TYPE III, 9 INCH	SQ YD	75	75																
442	01759	CLASS D PATCHES, TYPE IV. 9 INCH	SQ YD	120	120																
602	52800	CATCH BASINS TO BE RECONSTRUCTED	EACH	4	4																
602	65700	VALVE VAULTS TO BE ADJUSTED	EACH	3	3																
604	04940	FRAMES AND GRATES, TYPE 23	EACH	51	51																
670	00400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MÔ	6	- 6		,														
67	00100	MOBILIZATION	L SUM	1	1																
70:	02620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1		-		-												
703	00100	SHORT TERM PAVEMENT MARKING	FOOT	2454	2454					-										287 - 5 - 1, 7	
703	00220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	1491	1491					• .											
703	00280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	98	98	-															
703	01000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	273	273																
* 780	00200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1491	1491					,					*						
₭ 780	00650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	98	98																
	-										*	SPECIAL	TY ITEMS								
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EXISTING TYPICAL SECTION CERMAK ROAD STA. 10+54 TO STA. 56+39



PROPOSED TYPICAL SECTION

CERMAK ROAD

STA. 10+54 TO STA. 56+39

LEGEND:

- 1) EXISTING B-6.12 CURB & GUTTER
- 2) EXISTING P.C.C. BASE COURSE, 9" (±)
- (3) EXISTING HOT-MIX ASPHALT SURFACE, 3" (±)
- (4) EXISTING P.C.C. SIDEWALK, 5"
- (5) EXISTING SOD
- 6) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- 7) PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- (8) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"

NOTES

THE CONTRACTOR SHALL PATCH THE ROADWAY BEFORE MILLING

HOT-MIX ASPHALT MIXTURE REQUIREMENT	S					
MIXTURE TYPE	AIR VOIDS(%)					
PAVEMENT RESURFACING						
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5MM)	4% @ 70 GYR.					
POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50	4% @ 50 GYR.					
PATCHING						
CLASS D PATCHES, HMA BINDER IL-19 MM	4% @ 70 GYR.					
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR.					

NOT

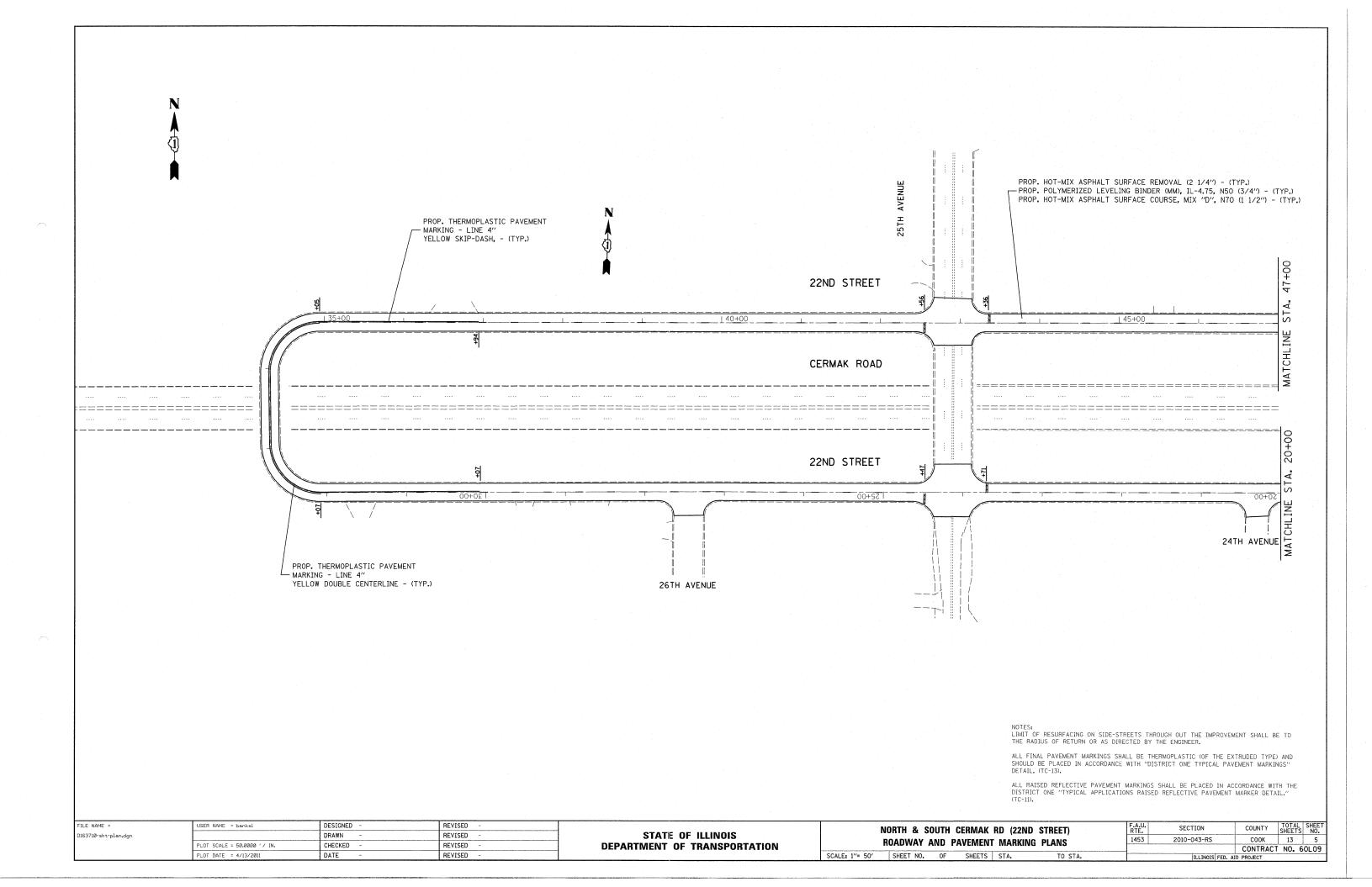
THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT QUANTITIES IS 112 LBS/SQ. YD/AN.

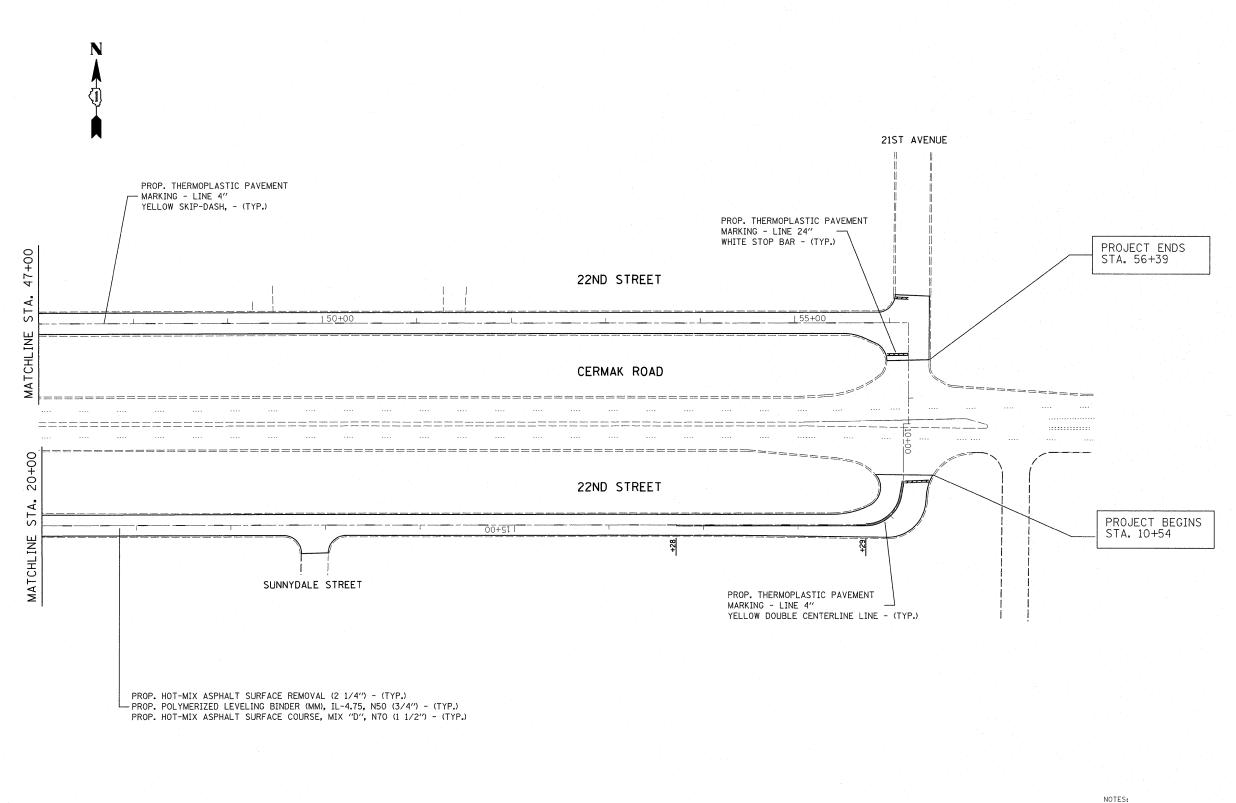
THE "AC TYPE " FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

	NORTH	& SOUT	H CERMAK	RD (22N	D STREET)	
	EXISTI	IG AND	PROPOSED	TYPICAL	SECTIONS	
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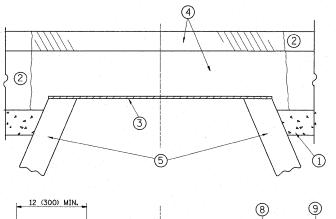
NOTES: LIMIT OF RESURFACING ON SIDE-STREETS THROUGH OUT THE IMPROVEMENT SHALL BE TO THE RADIUS OF RETURN OR AS DIRECTED BY THE ENGINEER.

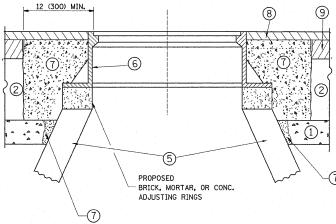
ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC (OF THE EXTRUDED TYPE) AND SHOULD BE PLACED IN ACCORDANCE WITH "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL, (TC-13).

ALL RAISED REFLECTIVE PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE DISTRICT ONE "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKER DETAIL." (TC-11).

COUNTY TOTAL SHEETS NO.

COOK 13 6 FILE NAME = DESIGNED REVISED JSER NAME = banksl SECTION NORTH & SOUTH CERMAK RD (22ND STREET) STATE OF ILLINOIS D16371Ø-sht-plan.dgn DRAWN REVISED 1453 COOK **ROADWAY AND PAVEMENT MARKING PLANS** PLOT SCALE = 50.0000 '/ IN. CHECKED REVISED **DEPARTMENT OF TRANSPORTATION** CONTRACT NO. 60L09 PLOT DATE = 4/13/2011 DATE SCALE: 1"= 50' SHEET NO. OF SHEETS STA. REVISED





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 11/2 (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.
- *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.

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
- (9) PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES:

(5) EXISTING STRUCTURE

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: THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "FRAMES AND LIDS TO BE ADJUSTED, SPECIAL" NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

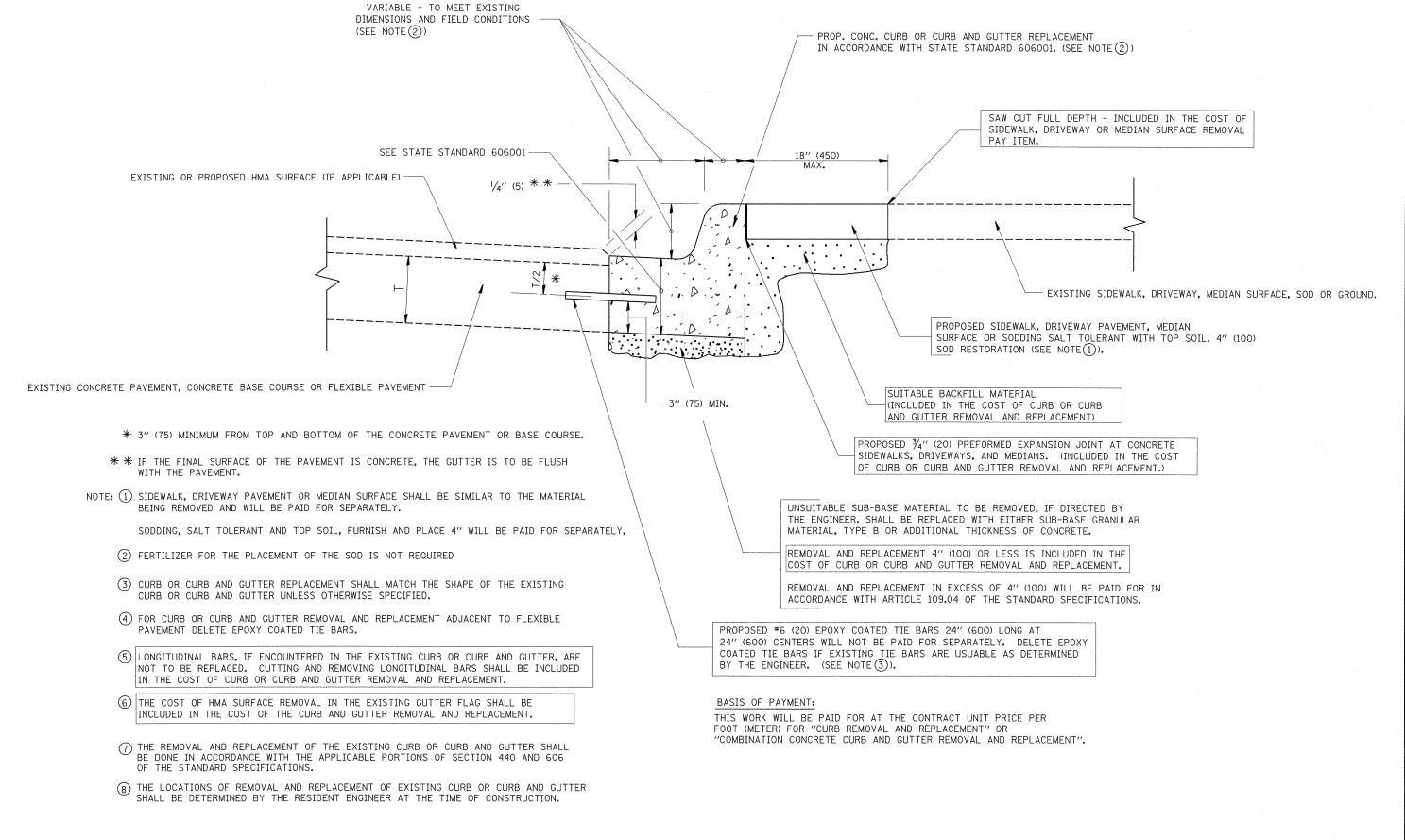
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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	PLOT DATE = 4/13/2011	DATE - 10-25-94	REVISED - R. BORO 03-09-11

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

	DETAILS FOR	
	FRAMES AND LIDS ADJUSTMENT WITH MILLING	
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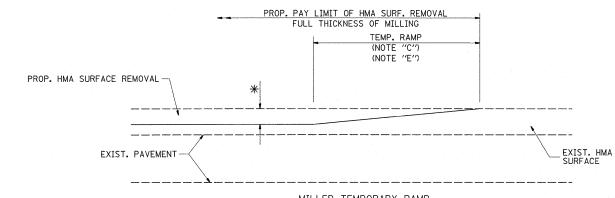
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FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CONTRACT NO. 60L09



CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

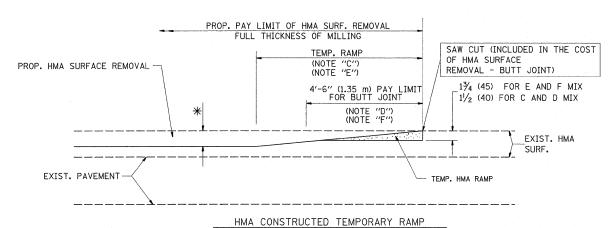
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	PLOT SCALE = 50.0000 '/ IN.	CHECKED -	REVISED - M. GOMEZ 01-22-01	DEPARTMENT OF TRANSPORTATION	REMOVAL AND REPLACEMENT	BD600-06 (BD-24) CONTRACT NO. 60L09
	PLOT DATE = 4/13/2011	DATE - 03-11-94	REVISED - R. BORO 12-15-09		SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

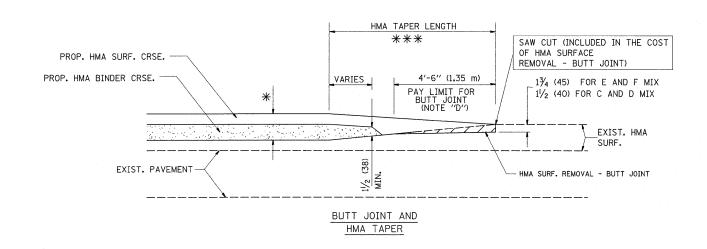
OPTION 1



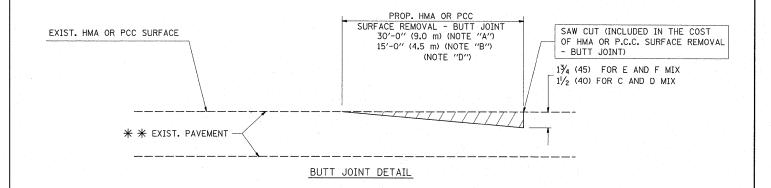
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

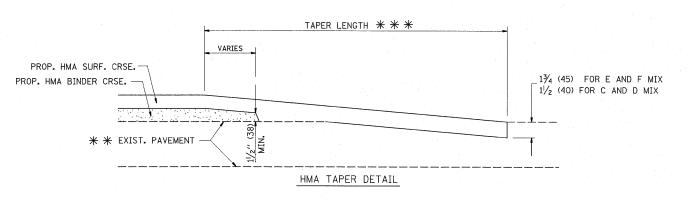
OPTION 2

TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING





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
- G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** * *** *** 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:

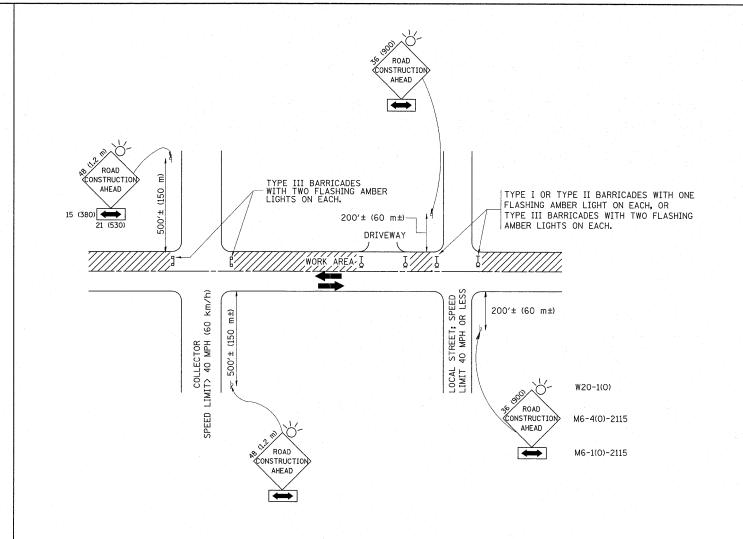
THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER)
FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".

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

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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND								SECTION	COUNTY	COUNTY TOTAL SHEETS	
HMA TAPER DETAILS							1453	2010-043 RS	COOK	13	9
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TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
- 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:
- d) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROLLTE.
- 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.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
- d) ONE ROAD CONSTRUCTION AHEAD SIGN 48 \times 48 (1.2 m \times 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
- b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- 3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (MG-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (MG-4).

- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

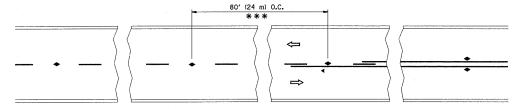
All dimensions are in millimeters (inches) unless otherwise shown.

FILE NAME =	USER NAME = banksl	DESIGNED	**	LHA	REVISED	- J. OBERLE 10-18-95
c:\pw_work\pwidot\banksl\dØ251925\DistSt	d.dgm	DRAWN	-		REVISED	- A. HOUSEH 03-06-96
	PLOT SCALE = 50.0000 '/ IN.	CHECKED			REVISED	- A. HOUSEH 10-15-96
	PLOT DATE = 4/13/2011	DATE	-	06-89	REVISED	-T. RAMMACHER 01-06-00

STATE	ÓF	ILLINOIS
DEPARTMENT	OF 1	TRANSPORTATION

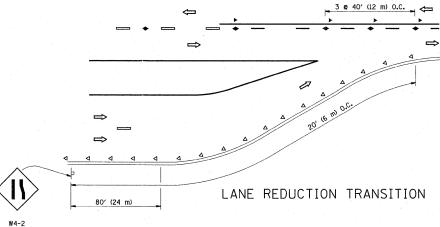
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E: NONE	SHEE	NO.	1	OF	1	SHEETS	STA.	-	: T0	STA.

	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	1453	2010-043 RS	COOK	13	10
_		TC-10	CONTRACT	NO. (50L09
	FFD. R	OAD DIST, NO. 1 THINOIS FED. A	ID PROJECT		



*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

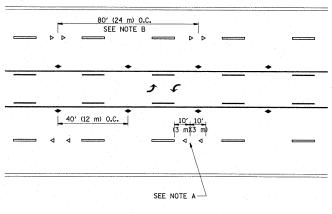
TWO-LANE/TWO-WAY



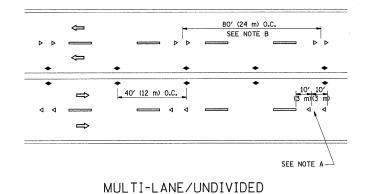
80' (24 m) O.C.

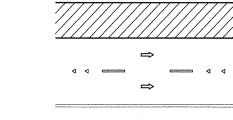
SEE NOTE B

SEE NOTE A -



TWO-WAY LEFT TURN





MULTI-LANE/DIVIDED

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.

LANE MARKER NOTES

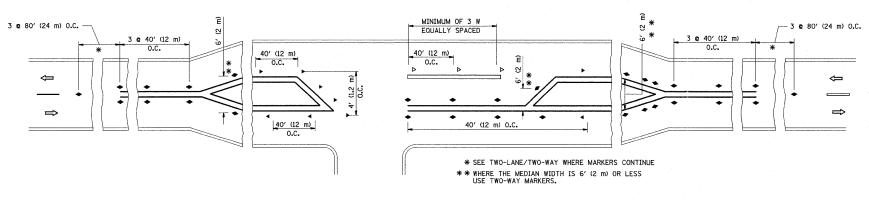
- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

SYMBOLS

- ---- YELLOW STRIPE
- WHITE STRIPE
- ONE-WAY AMBER MARKER
- → ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

DESIGN NOTES

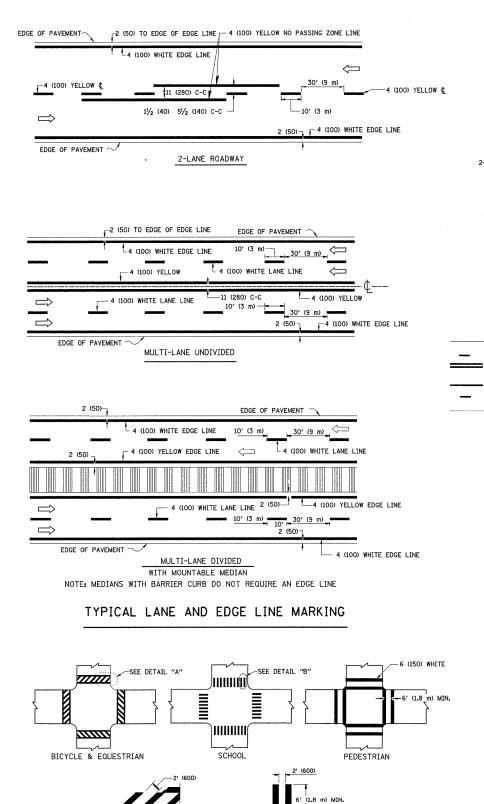
- 1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
- 2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
- 3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD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



LEFT TURN

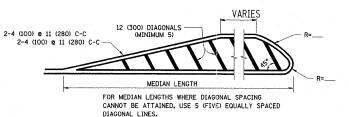
All dimensions are in inches (millimeters) unless otherwise shown.

L							
FILE NAM	E = USER NAME = banksl	DESIGNED -	REVISED -T. RAMMACHER 09-19-94		TYPICAL APPLICATIONS	F.A.U. SECTION	COUNTY TOTAL SHEET
c:/bw~wo:	·k\pwidot\banksl\dØ251925\DistStd.dgn	DRAWN -	REVISED -T. RAMMACHER 03-12-99	STATE OF ILLINOIS		1453 2010-043 RS	COOK 13 11
	PLOT SCALE = 50.0000 '/ IN.	CHECKED -	REVISED -T. RAMMACHER 01-06-00	DEPARTMENT OF TRANSPORTATION	RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)	TC-11	CONTRACT NO. 60L09
1	PLOT DATE = 4/13/2011	DATE -	REVISED - C. JUCIUS 09-09-09		SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED	



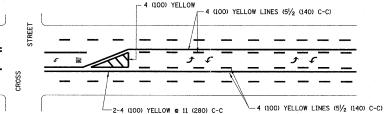
2-4 (100) YELLOW @ 11 (280) C-C-4' (1.2 m) OUTSIDE TO NO DIAGONALS OUTSIDE OF LINES - 2-4 (100) YELLOW @ 11 (280) C-C

4' (1.2 m) WIDE MEDIANS ONLY

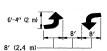


DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

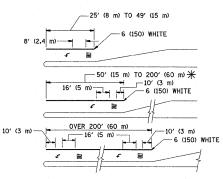


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

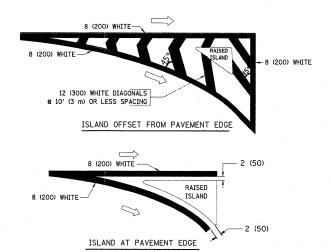


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. \P AREA = 15.6 SO. FT. (1.5 m²) \P AREA = 20.8 SO. FT. (1.9 m²)

* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

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 MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
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 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' (500) APART 2' (600) APART 5EE 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	0IAGONALS: 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 m²) EACH "X"=54.0 SQ. FT. (5.0 m²)
SHOULDER DIAGONALS	12 (300) 2 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)) 1150' (45 m) C-C (0VER 45MPH (70 km/h))

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

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

FILE NAME =	USER NAME = bankal	DESIGNED	-	EVERS	REVISED	-T.	RAMMACHER	10-27-94
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	PLOT DATE = 4/13/2011	DATE	-	03-19-90	REVISED	-		

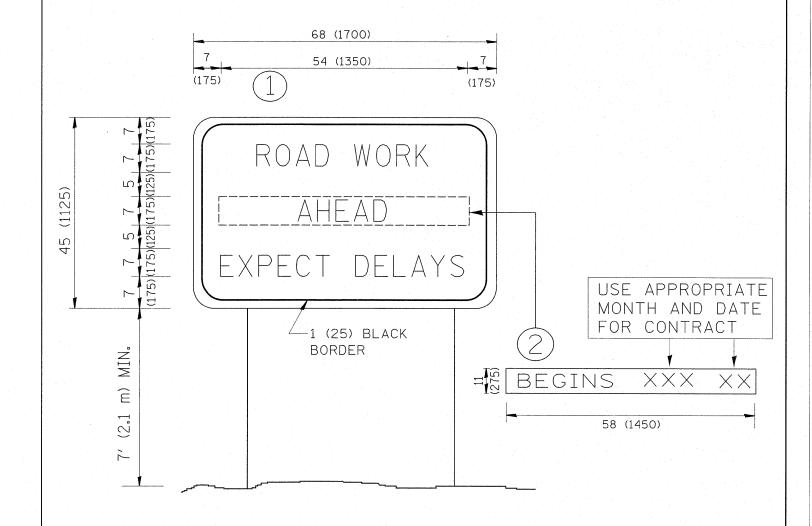
TYPICAL CROSSWALK MARKING

DETAIL "B"

DETAIL "A"

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

	DIS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.						
TYPICAL PAVEMENT MARKINGS						2010-043 RS	COOK	13	12			
	TITIOALIA		TC-13 CONTRACT N									
SCALE: NONE	SHEET NO. 1 OF 1	SHEETS	STA.	TO STA.	TC-13 CONTRACT NO. 60L09 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							



NOTES:

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

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

FILE NAME =	USER NAME = banksl	DESIGNED -	REVISED	- R. MIRS 09-15-97			ARTERIAL ROAD		F.A.U.	SECTION	COUNTY	TOTAL SHEET
c:\pw_work\pwidot\banksl\d0251925\DistS	d.dgn	DRAWN -	REVISED	- R. MIRS 12-11-97	STATE OF ILLINOIS				1453	2010-043 RS	соок	13 13
	PLOT SCALE = 50.0000 '/ IN.	CHECKED -	REVISED	-T. RAMMACHER 02-02-99	DEPARTMENT OF TRANSPORTATION		INFORMATION SIGN		1100	TC-22	CONTRACT	T NO. 601.09
	PLOT DATE = 4/13/2011	DATE -	REVISED - C. JUCIUS 01-31-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO	STA.	FED. ROAD		AID PROJECT		