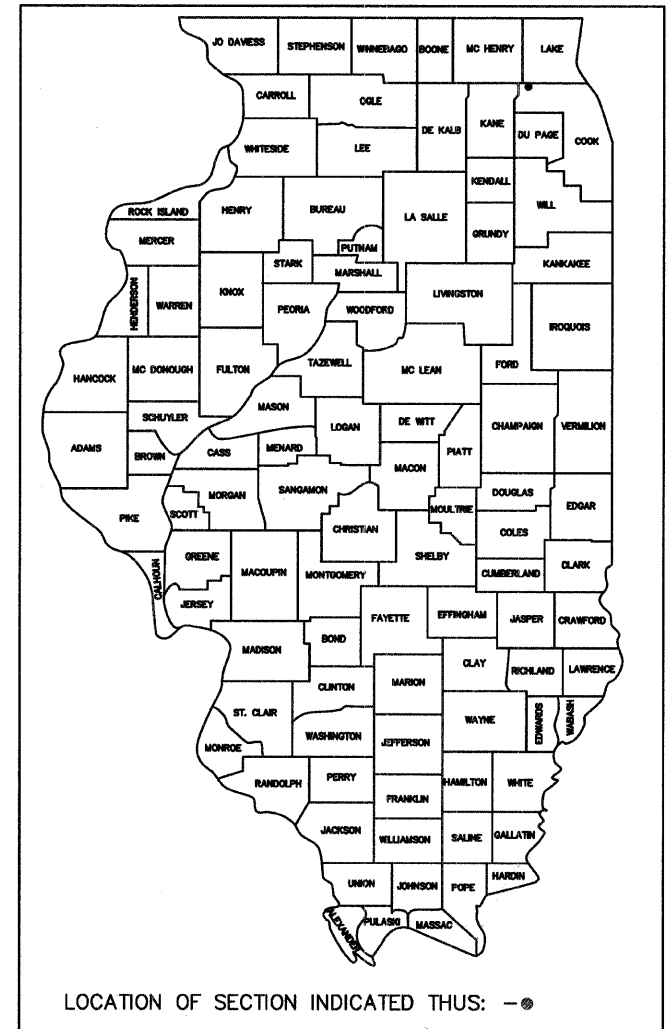


FOR INDEX OF SHEETS, SEE SHEET NO. 2
 FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2
 PROJECT LOCATED IN THE VILLAGE OF BARRINGTON

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RAISED CROSSWALK IMPROVEMENTS

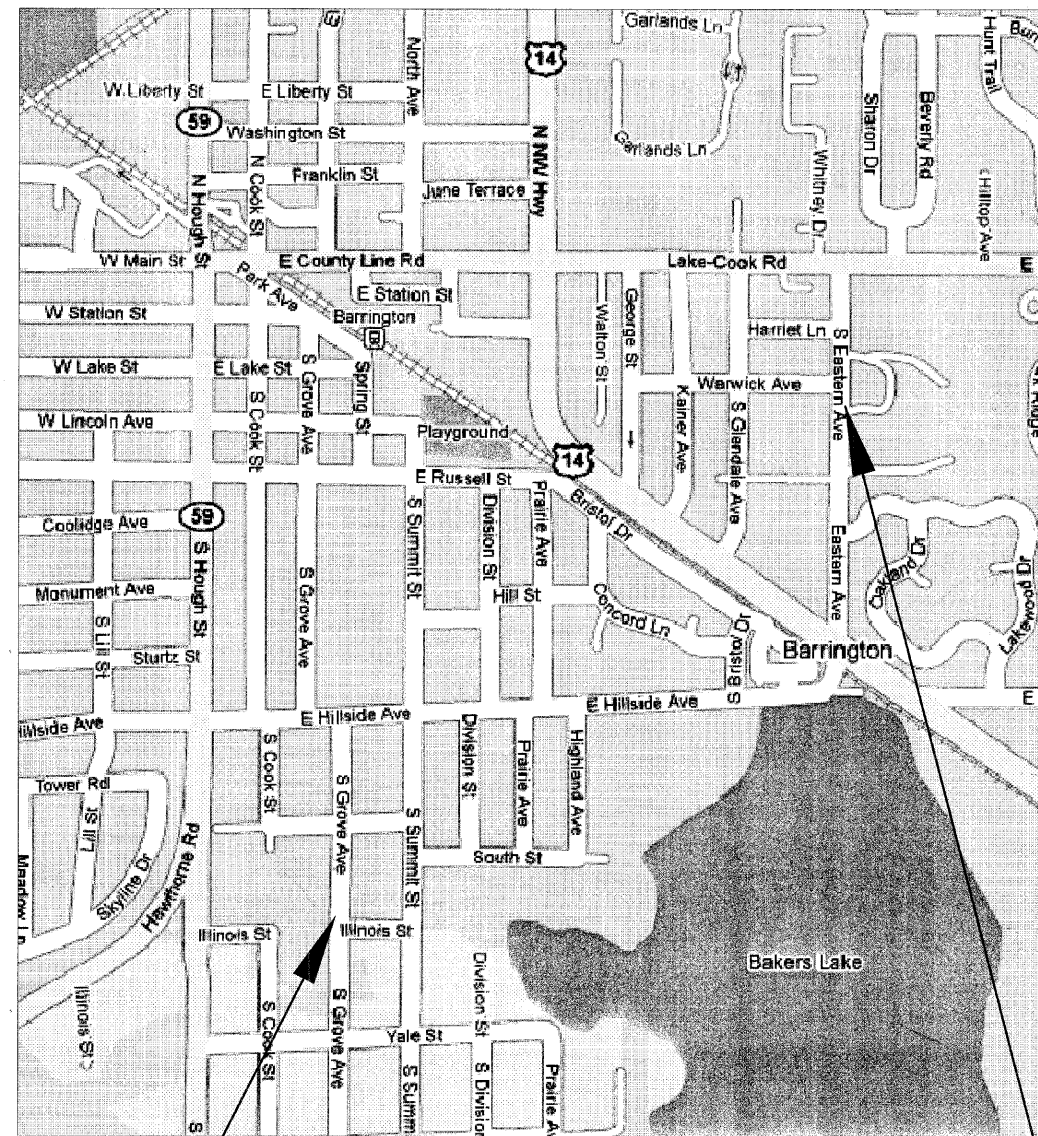
PROJECT: SAFE ROUTES TO SCHOOL
 SECTION No.: 08-00083-00-SP
 PROJECT No.: SRTS-4008(029)
 JOB No.: C-40-009-08
 VILLAGE OF BARRINGTON
 COOK COUNTY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00083-00-SP	COOK	5	1
FED. ROAD DIST. NO. -	ILLINOIS	CONTRACT NO. 63161		



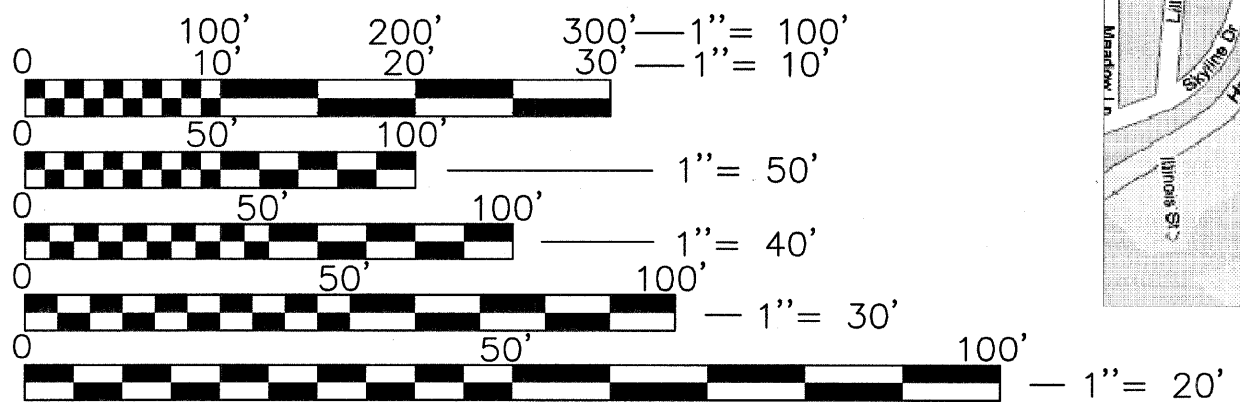
LOCATION OF SECTION INDICATED THIS: -●-

LOCATION MAP
NTS



RAISED CROSSWALK LOCATIONS

J.U.L.I.E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-892-0123 OR 811



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS MAY NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

APPROVED *[Signature]*
 Asst. Director Eng. & Bldg. Dept.
 LOCAL AGENCY REPRESENTATIVE

PASSED *[Signature]* APRIL 06, 2009
 LOCAL ROADS ENGINEER

RELEASING FOR BID BASED ON LIMITED REVIEW APRIL 6, 2009
[Signature]
 DEPUTY DIRECTOR OF HIGHWAYS,
 REGION 1 ENGINEER



PROJECT ENGINEER
 LICENSE EXPIRES 11-30-09

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

CONTRACT NO. 63161

SUMMARY OF QUANTITIES			
CODE NO.	PAY ITEM	UNIT	QTY.
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLONS	16
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	112
XD326487	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, SPECIAL	TON	22
42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5'	SQ FT	500
42400800	DETECTABLE WARNINGS	SQ FT	32
44000600	SIDEWALK REMOVAL	SQ FT	500
67100100	MOBILIZATION	L SUM	1
70101800	TRAFFIC CONTROL AND PROTECTION, SPECIAL	LSUM	1
72000100	SIGN PANEL - TYPE 1	SQ FT	138
72400800	REMOVE SIGN COMPLETE	SQ FOOT	56
72900200	METAL POST - TYPE B	FOOT	56
* 78007100	PERMANENT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	64
* 78007150	PERMANENT PAVEMENT MARKING - LINE 12"	FOOT	205

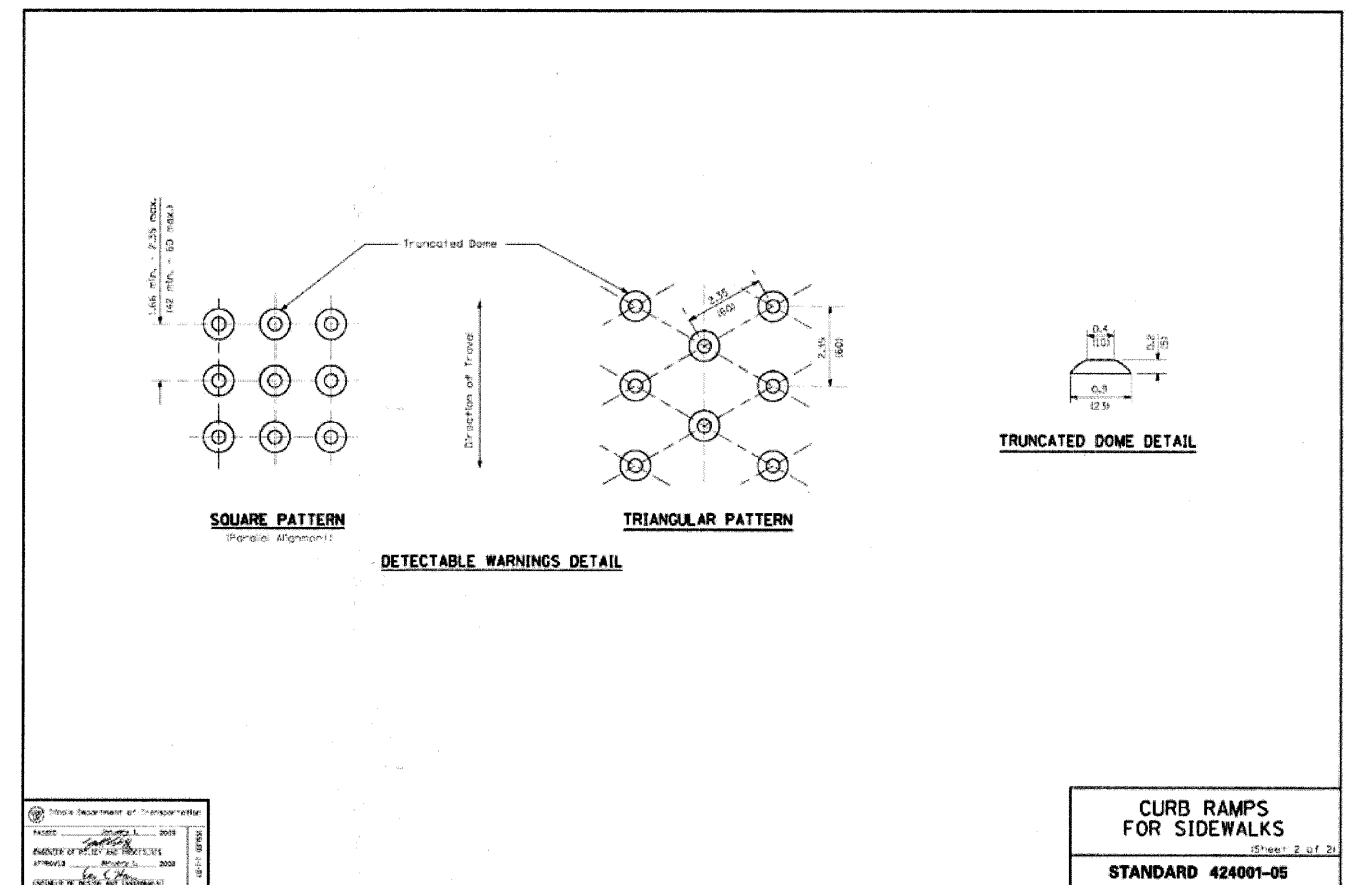
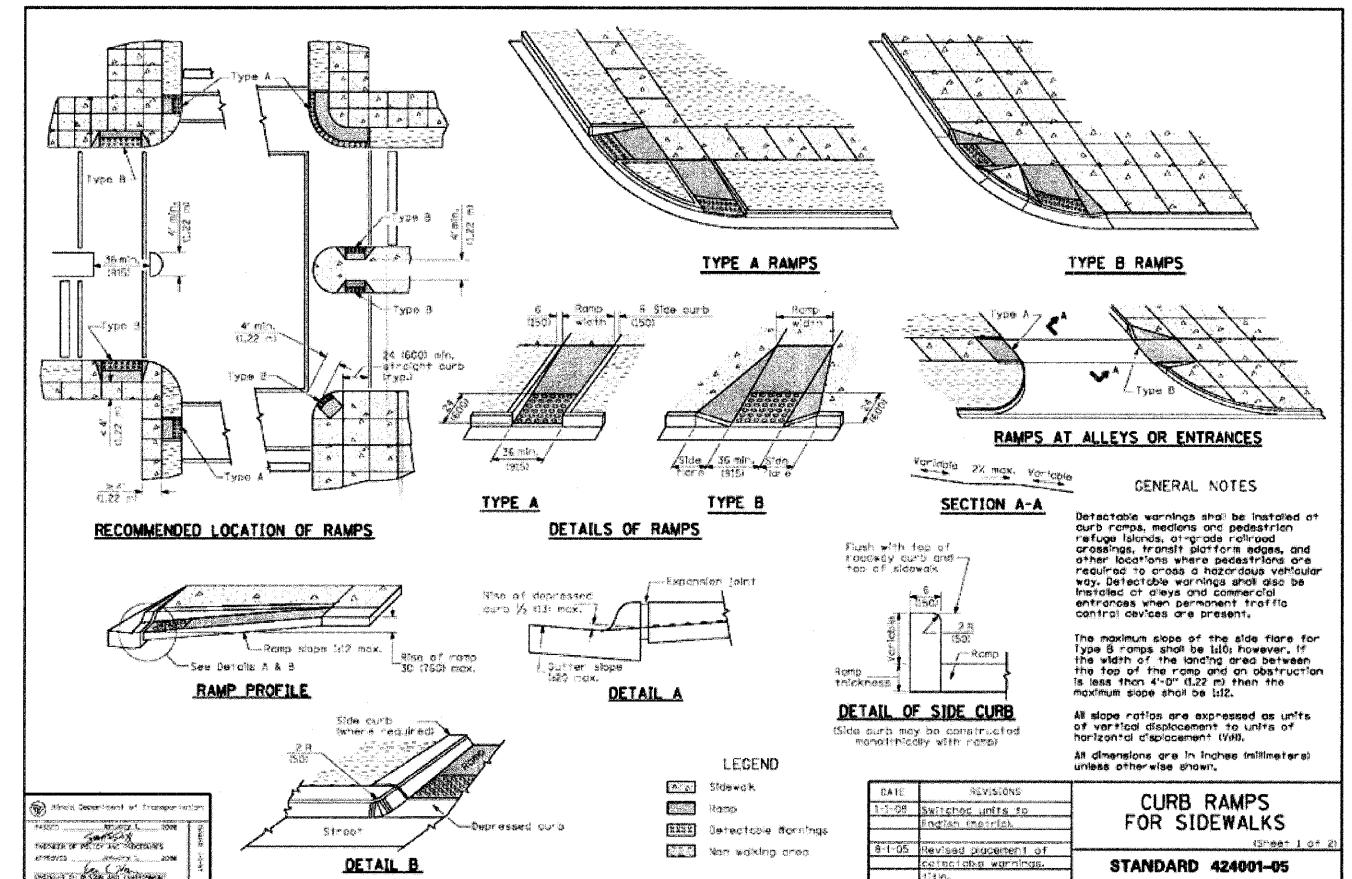
SFTY-1B

* SPECIALTY ITEMS

HIGHWAY STANDARDS	
STD. NO.	DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-05	CURB RAMPS FOR SIDEWALKS
701501-05	URBAN LANCE CLOSURE, 2L 2W, UNDIVIDED
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
7200011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
780001-02	TYPICAL PAVEMENT MARKINGS

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE		
RAISED CROSSWALKS	AC TYPE	VOIDS
HOT MIX ASPHALT SURFACE COURSE, MIX "C" N50 (IL9.5mm)	PG 64-22	4% @ 50 Gyr.

INDEX OF SHEETS	
SHEET NO.	TITLE
1	COVER SHEET
2	QUANTITY SHEET
3	DETAIL SHEET
4	BD400-05 BD32 DETAIL
5	TC-13 DETAIL



VILLAGE OF BARRINGTON
200 S. HOUGH ST.
PHONE: 847-304-3460
FAX: 847-381-1056

DESIGNED: DTM
DRAWN: DTM
CHECKED: GS
DATE: 1/21/09

REVISED: 2/6/09
REVISED: 3/26/09
REVISED:
FILE:

VILLAGE OF BARRINGTON, ILLINOIS
SAFE ROUTES TO SCHOOL

QUANTITY SHEET

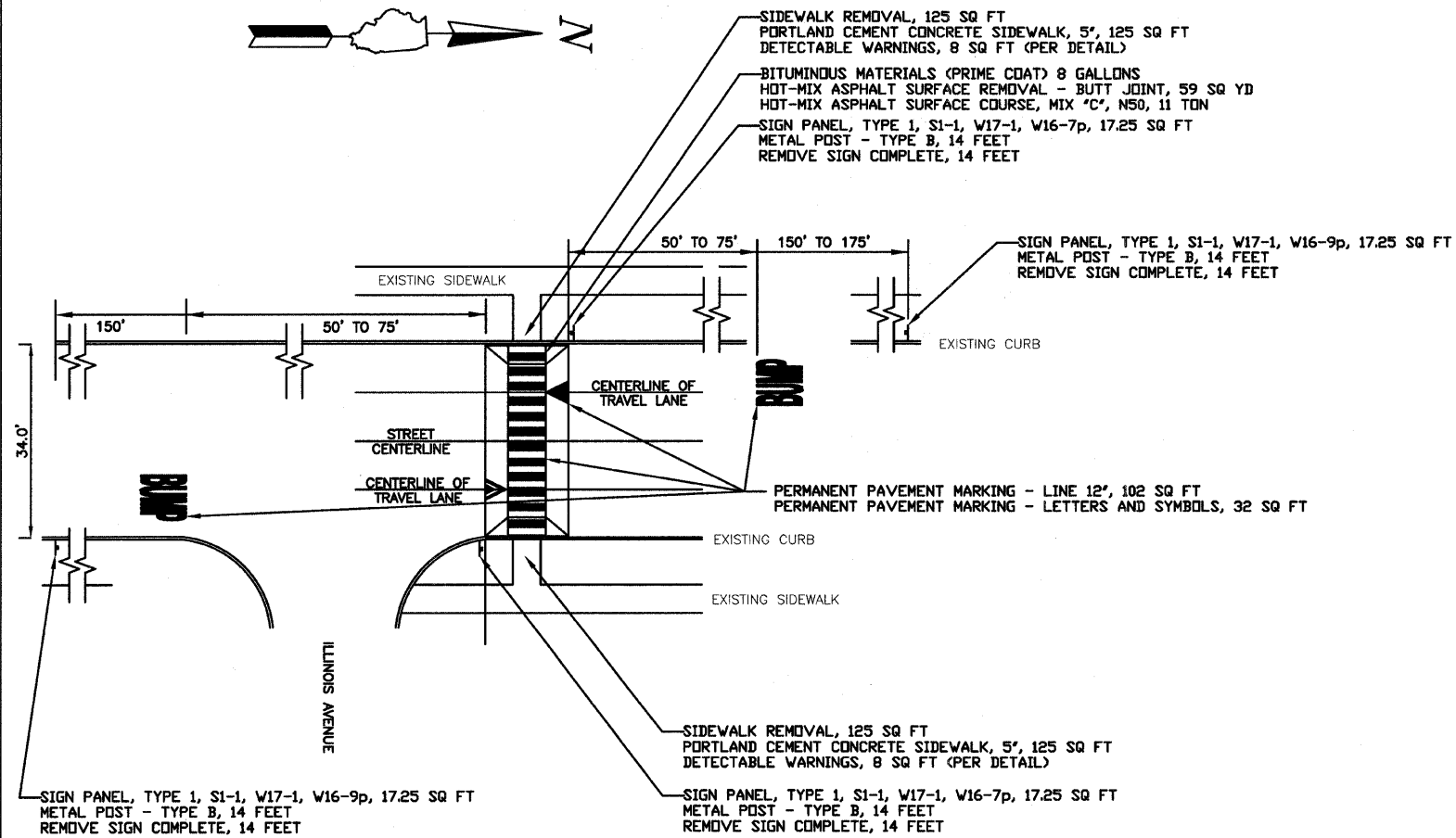
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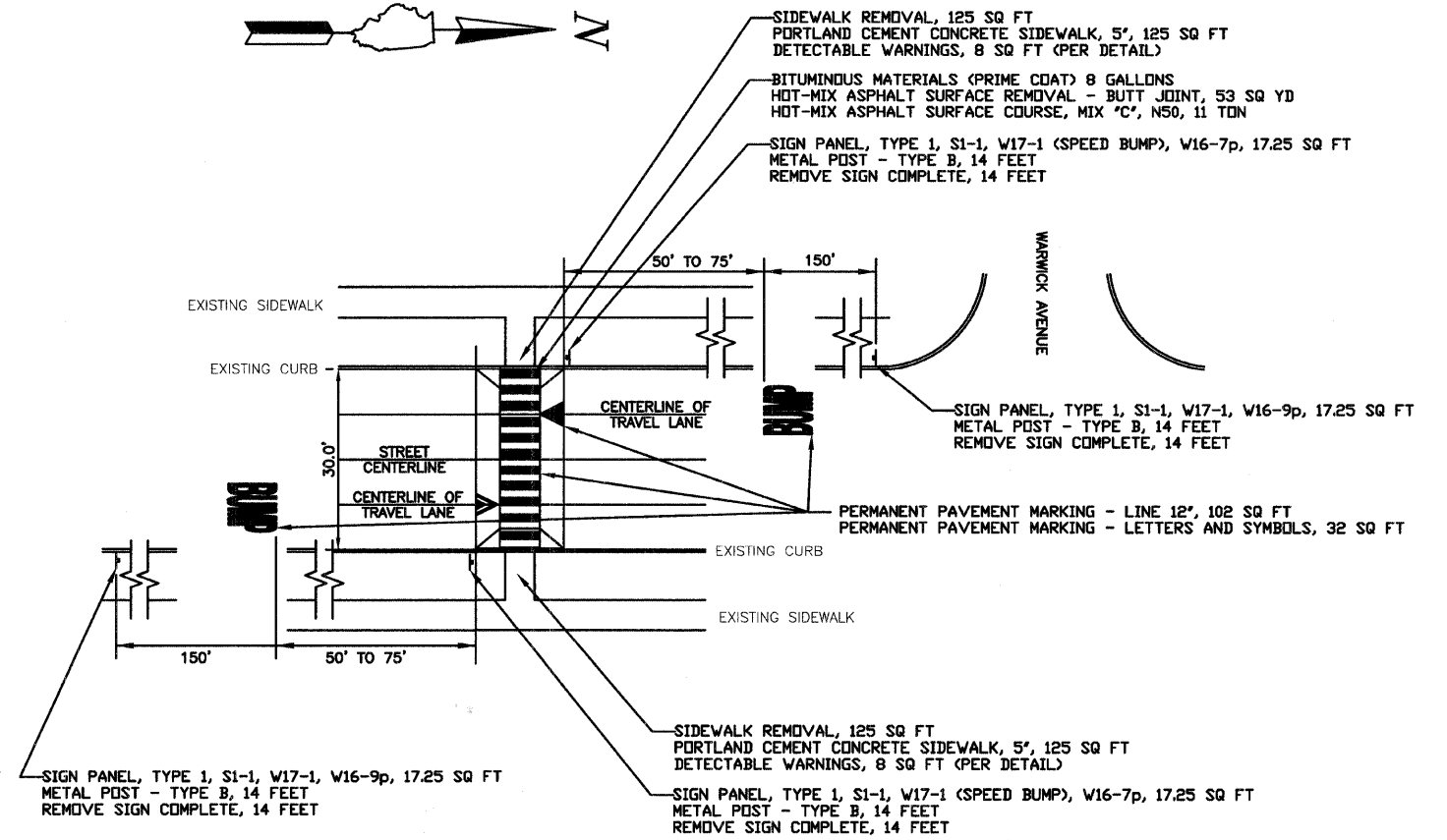
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00083-00-SP	COOK	5	2

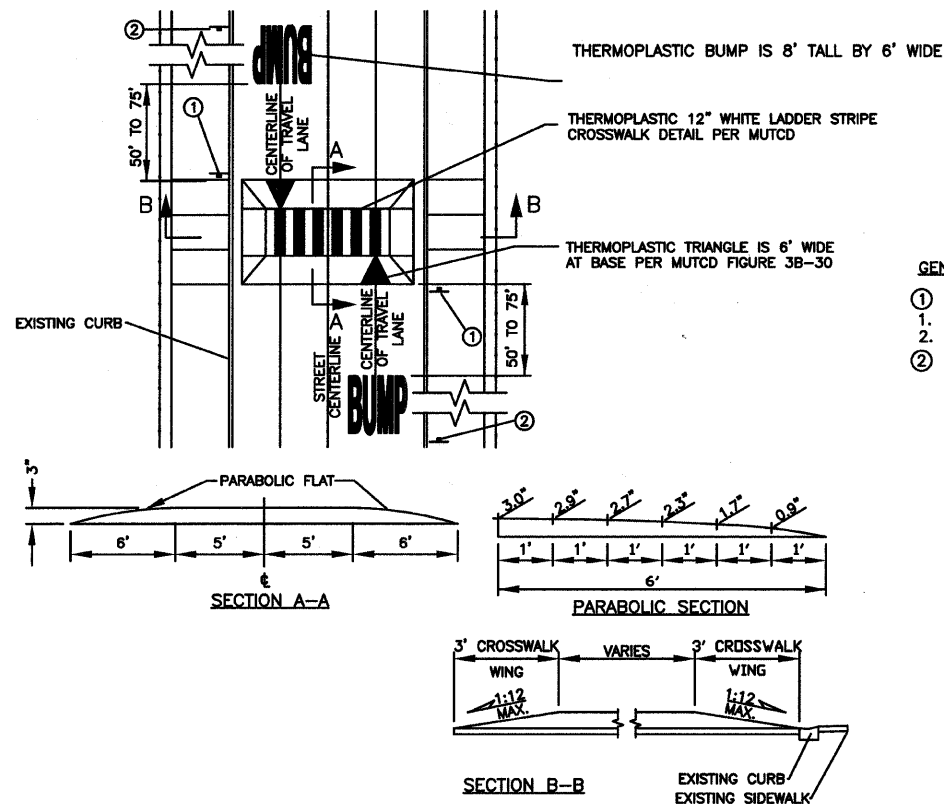
FED. ROAD DIST. NO. ILLINOIS CONTRACT NO. 63161



GROVE AVENUE PLAN, 25 MPH
SCALE: 1":30'



EASTERN AVENUE PLAN, 25 MPH
SCALE: 1":30'



GENERAL NOTES:

1. RAISED CROSSWALK SHALL BE CONSTRUCTED OF HOT MIX ASPHALT PER IDOT HMA MIX SELECTION TABLE.
 2. DETECTABLE WARNINGS ARE TO BE SAGE GREEN FROM DETECTILE, 312-213-1507.
- ② SIGNS:
- INSTALL MUTCD STANDARD SIGNS ON EXISTING SIGN POLES. USE S1-1 (36" X 36"), W17-1 ("SPEED BUMP", 30" X 30") AND W16-7p (24" X 12").
- INSTALL MUTCD STANDARD SIGNS ON EXISTING SIGN POLES. USE S1-1 (36" X 36"), W17-1 ("SPEED BUMP", 30" X 30") AND W16-9p (24" X 12").

RAISED CROSSWALK DETAIL

N.T.S.



VILLAGE OF BARRINGTON
200 S. HOUGH ST.
PHONE: 847-304-3460
FAX: 847-381-1056

DESIGNED: DTM
DRAWN: DTM
CHECKED: GS
DATE: 11/21/09

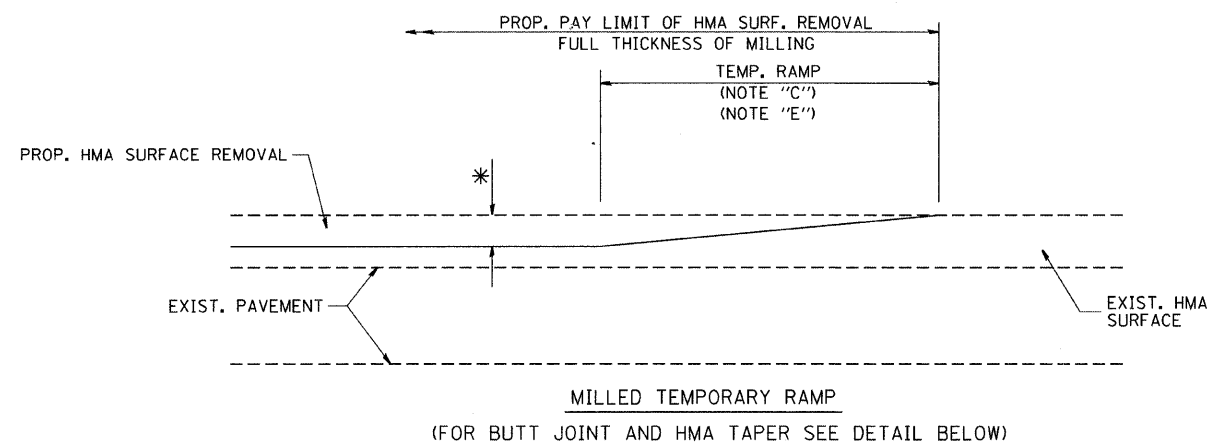
REVISED: 2/6/09
REVISED: 3/26/09
REVISED:
FILE:

VILLAGE OF BARRINGTON, ILLINOIS
SAFE ROUTES TO SCHOOL

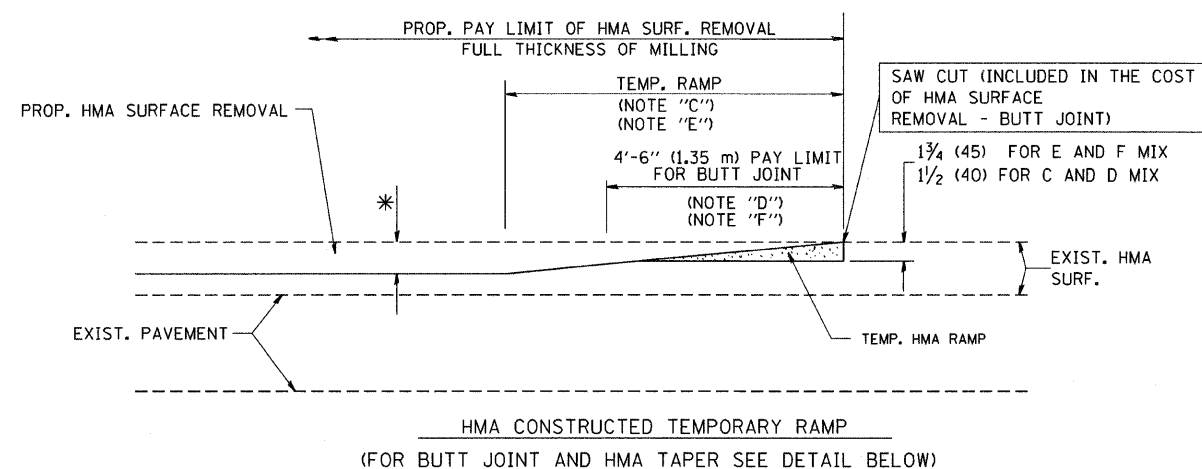
PLAN AND DETAIL SHEET

SCALE: 1":30' WHEN PRINTED AT 11"x17" STA. TO STA.

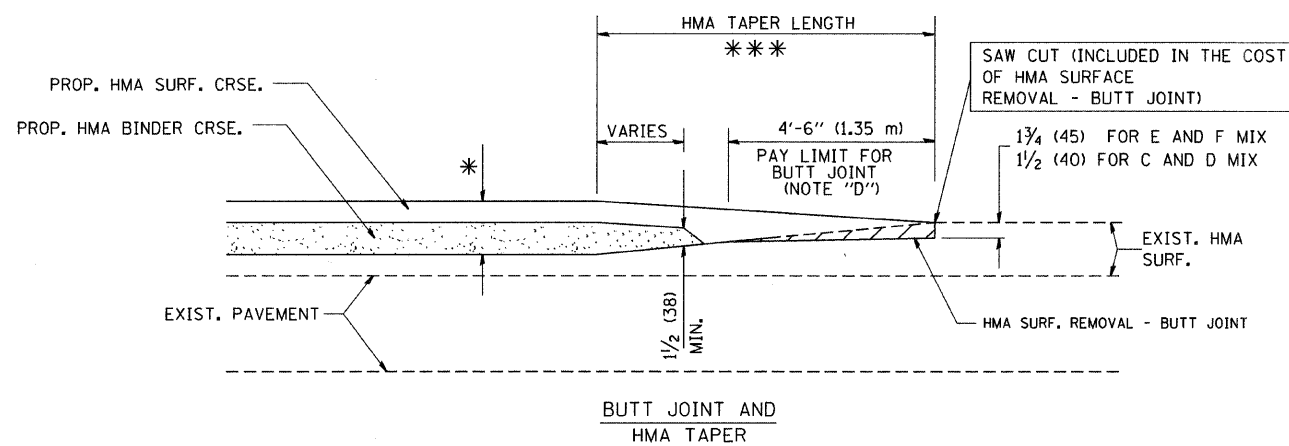
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00083-00-SP	COOK	5	3
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 63161		



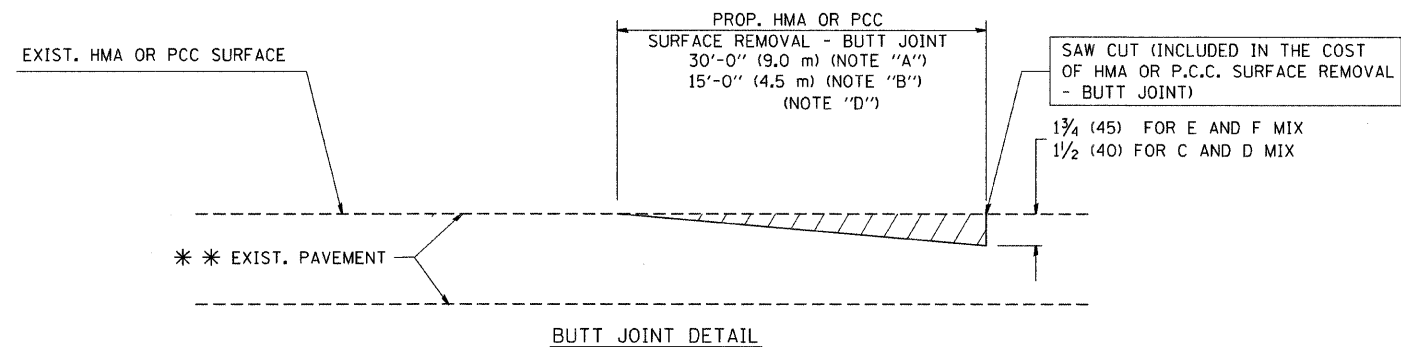
OPTION 1



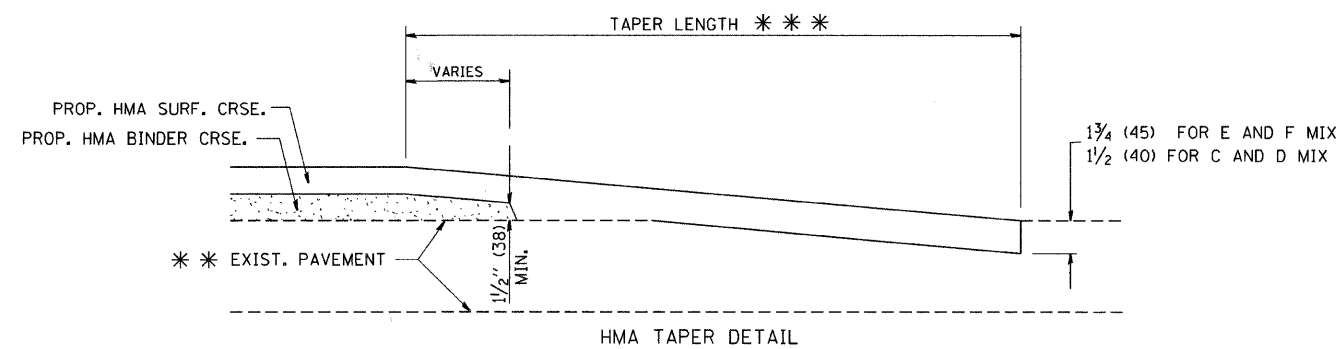
OPTION 2
TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER
FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

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.

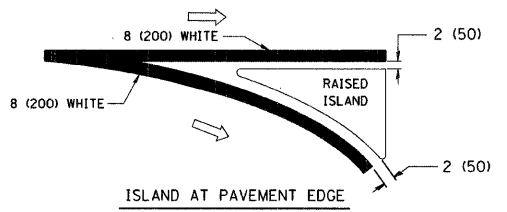
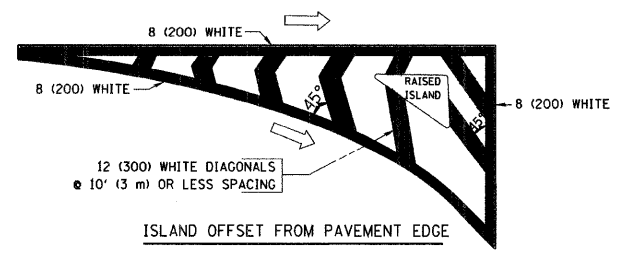
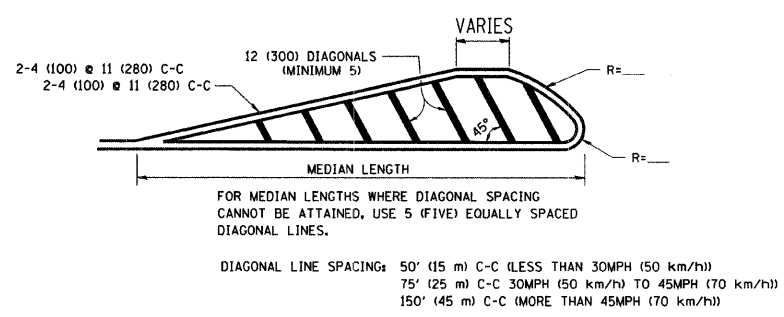
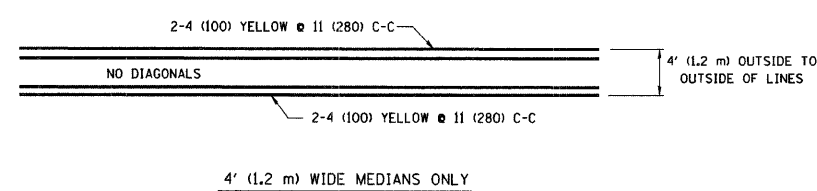
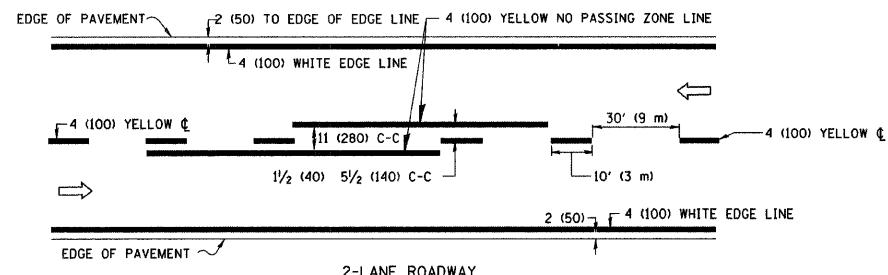
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		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50,0000 ' / IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

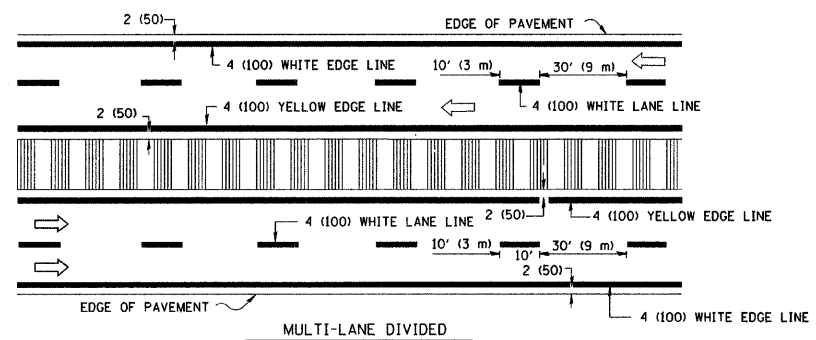
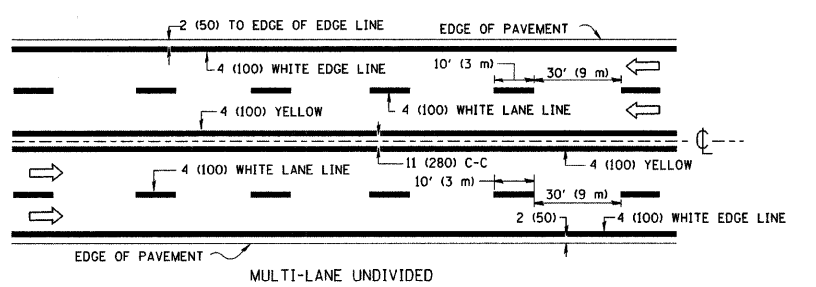
BUTT JOINT AND
HMA TAPER DETAILS

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	BD400-05 BD32		5	4
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		CONTRACT NO. 63161		

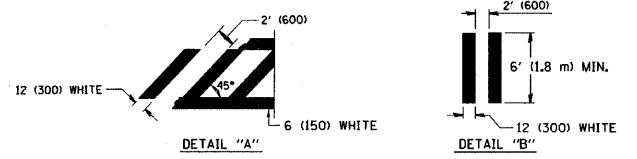
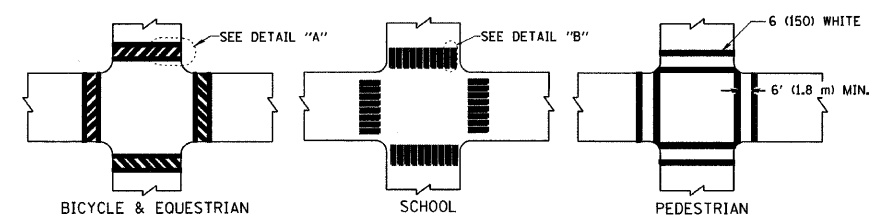


TYPICAL ISLAND MARKING

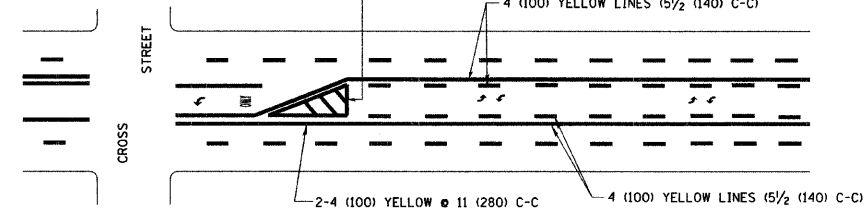


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

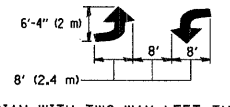
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING

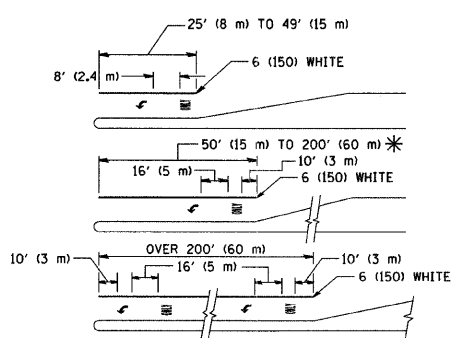


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
* AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. 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

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	4 (100)	SOLID	YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE
NO PASSING ZONE LINES: FOR BOTH DIRECTIONS	2 @ 4 (100)	SOLID	YELLOW	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	SKIP-DASH AND SOLID	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE
	8' (2.4m) LEFT ARROW	IN PAIRS	WHITE	SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN)	2 @ 6 (150)	SOLID	WHITE	NOT LESS THAN 6' (1.8 m) APART
A. DIAGONALS (BINE & EQUESTRIAN)	12 (300) @ 45°	SOLID	WHITE	2' (600) APART
B. LONGITUDINAL BARS (SCHOOL)	12 (300) @ 90°	SOLID	WHITE	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°	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
	NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS			
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 ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	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))

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.