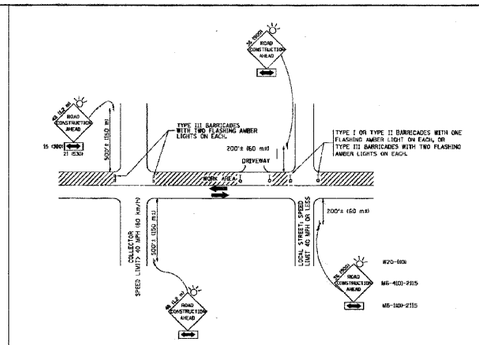


TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAY:

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 INCH(900 MM) WITH A FLASHER AND FLAG 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.

   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.

3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE WARNING SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (TA15, TA16, TA31, TA33, TA36) ON THE APPROPRIATE STANDARD, AS DIRECTED BY THE ENGINEER. THE DISTANCE 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.

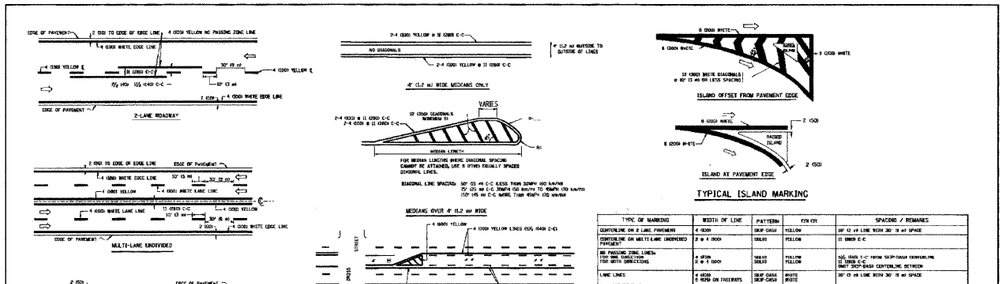
FILE NAME:	USER NAME: jpgilmanski	DESIGNED: LAA	REVISED - a. ANDRUE 10-15-95
		DRAWN: -	REVISED - A. HOUSEH 03-08-96
	PLOT SCALE: .0588 '/ In.	CHECKED: -	REVISED - A. HOUSEH 10-25-96
	PLOT DATE: 1/4"=1MM	DATE: - 06-95	REVISED - T. RAMANCHER 02-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

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

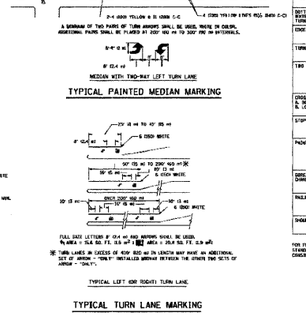
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TD-10			
	CONTRACT NO.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



TYPICAL LANE AND EDGE LINE MARKING

TYPICAL CROSSWALK MARKING

TYPICAL PAINTED MEDIAN MARKING



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	30' (9 m) LINE, WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	8 or 4" (200 or 100)	SOLID	YELLOW	(1) 200 C-C
NO PASSING ZONE LINES (FOR ONE DIRECTION FOR BOTH DIRECTIONS)	4" (100) 8 or 4" (200 or 100)	SOLID SOLID	YELLOW YELLOW	SEE TABLE C-C FROM SKIP-DASH CENTERLINE. 2 (50) SOLID BAR SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4" (100) 6" (150) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	30' (9 m) LINE WITH 30' (9 m) SPACE
EXTEND LINES: EXPRESSWAY OR FREEWAY 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 OR TRAFFIC ISLANDS WHERE CURB IS NOT USED OR WHERE IT IS SLOPED
TURN LANE MARKINGS	6 (150) LONG TRAPEZOIDAL LETTERS & SYMBOLS 12' (3.6 m)	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4" (100) EACH SEPARATION 4" (100) LEFT ARROW	SKIP-DASH AND SOLID	YELLOW	30' (9 m) LINE, WITH 30' (9 m) SPACE FOR SKIP-DASH LINE, 10' (3 m) FOR SOLID LINE AND 120' (36 m) FOR ARROW
		24 PAIRS	WHITE	SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES: PEDESTRIAN & BICYCLE & EQUESTRIAN & LONGITUDINAL BARS (SCHOOL)	2 to 6 (50) 12 (300) 6" (150) 12 (300) @ 36"	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) TO 10' (3 m) IN ADVANCE OF NEAREST CROSSWALK LINE OR INTERSECTING ROAD IF CROSSWALK LINES ARE NOT PRESENT
PAINTED MEDIANS	2 @ 4" (100) WITH 12 (300) DIAGONALS @ 40' (12 m)	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	12 (300) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
LANE WARNING AND DIRECTION LINES	8 (200) WITH 12 (300) DIAGONALS @ 40'	SOLID	WHITE	DIAGONALS: 80' (20 m) C-C, LESS THAN 50MPH (80 km/h) 120' (36 m) C-C 50MPH (80 km/h) TO 60MPH (100 km/h) 160' (48 m) C-C OVER 60MPH (100 km/h)
RAILROAD CROSSING	24 (600) TRANSVERSE BARS, 36" (0.9 m) LETTERING, 72 (1800) LONG FOR "R"	SOLID	WHITE	SEE STATE STANDARD 880001 "R" = 6'-0 (1.8 m) "X" = 2'-6 (0.75 m), 12 (300) APART
SHOULDER DIAGONALS	12 (300) @ 40'	SOLID	WHITE - RIGHT YELLOW - LEFT	80' (20 m) C-C, LESS THAN 50MPH (80 km/h) 120' (36 m) C-C 50 MPH (80 km/h) TO 60MPH (100 km/h) 160' (48 m) C-C OVER 60MPH (100 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.

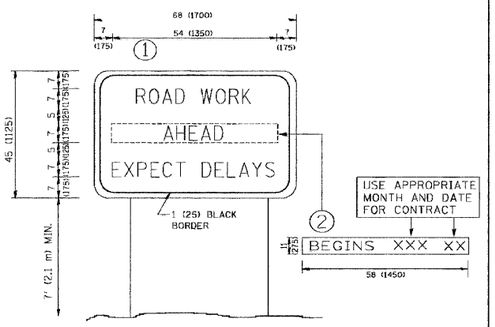
FILE NAME:	USER NAME: jpgilmanski	DESIGNED: EVENS	REVISED - T. RAMANCHER 10-27-94
		DRAWN: -	REVISED - A. HOUSEH 03-08-96
	PLOT SCALE: .0588 '/ In.	CHECKED: -	REVISED - A. HOUSEH 10-25-96
	PLOT DATE: 1/4"=1MM	DATE: 02-01-95	REVISED - T. RAMANCHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TD-13			
	CONTRACT NO.			
FED. ROAD DIST. NO.	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.

F.A.U. RTE.:	USER NAME: jpgilmanski	DESIGNED: -	REVISED - R. WEIS 03-30-97
		DRAWN: -	REVISED - R. WEIS 12-12-97
	PLOT SCALE: 1.0588 '/ IN.	CHECKED: -	REVISED -T. RAMANCHER 02-02-98
	PLOT DATE: 1/4"=1MM	DATE: -	REVISED - C. AGELIS 05-25-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD INFORMATION SIGN

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TD-17			
	CONTRACT NO.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

FILE NAME:	USER NAME:	DESIGNED: -	REVISED -
		DRAWN: -	REVISED -
April 28, 2009 10:35:19 a.m. P:\03\03100203\CAD\PHASE 2\DWG\10203-SHT-DETAILS.DWG	PLOT SCALE:	CHECKED: -	REVISED -
	PLOT DATE:	DATE: -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HLR

RAFFEL ROAD IMPROVEMENTS
DISTRICT ONE STANDARDS

SCALE: | SHEET NO. OF SHEETS | STA. 31+00 TO STA. 36+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
041	09-00110-00-PV	McHENRY	22	22
RAFFEL ROAD		CONTRACT NO. 63283		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT ARA-9003(445)		

PLAN | SURVEYED | DATE
PLOTTED | BY
AS NOTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME

PROFILE | SURVEYED
PLOTTED
AS NOTED
STRUCTURE NOTATIONS CHKD

NOTE BOOK
NO.

April 28, 2009 10:35:19 a.m.
P:\03\03100203\CAD\PHASE 2\DWG\10203-SHT-DETAILS.DWG