RTE.#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
CH	A47	LAKE	176	164
STA.		TO STA.		
03-00088-00-FP	ILLINOIS	SURFACE TRANSPORTATION FUNDING		

CONTRACT NUMBER 83807

GENERAL NOTES:

1. All warning signs shall have minimum dimensions of 48" x 48" 0.2m x 1.2m.

2. All signs not on the traveled way shall be post mounted if the closure time exceeds four calender days. All signs shall be posted with the bottom of the sign not less than 7' (2.1m) above the edge of pavement. "NO PARKING" signs shall be installed throughout the work area at the discretion of the engineer.

3. The distance "L" shall be defined as:

SPEED	FORMULA
40 mph or less	$L = (WS^2)/60$
60 km/h or less	$L = (WS^2)/150$

where W = Width of Closure in FEET (meters) and S = Normal Posted Speed Limit in MPH (km/h)

45 mph (70 km/h) or greater, L = LANE WIDTH x SPEED LIMIT
Lane Width in FEET (meters);
Speed Limit in MPH (km/h).

4. Type II barricades with Type C steady burning lights shall be used in lieu of cones for night operations. All cones and barricades shall be in accordance with Standard 702006.

5. Type A flashing lights shall be used on each approach in advance of the work area during hours of darkness and installed above the first two signs in each series and the high level warning device.

6. If the work operation is performed between 9:00 am and 3:00 pm and the work does not exceed 15 minutes, the traffic protection shall be as shown for Standard 701301. Signs, when required, shall be at the spacing specified in the Advance Warning Sign Spacing Table.

7. If the work area is in the parking lane and the parking exists during work hours, a "ROAD WORK AHEAD" sign shall be installed in advance of work area at the spacing specified in the Advance Warning Sign Spacing Table and the area protected with cones or barricades.

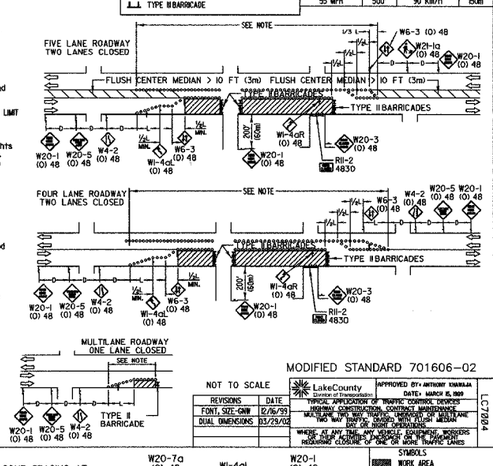
8. Longitudinal dimensions may be adjusted to fit field conditions.

10. Form BT 725 is required.

NOTE:
CONES AT 25' (8M) CENTERS FOR 250' (75M). ADDITIONAL CONES MAY BE PLACED AT 50' (15M) CENTERS.
WHEN BARRICADES ARE USED, THE DISTANCE BETWEEN DEVICES MAY BE DOUBLED.

SYMBOLS
- WORK AREA
- CONE OR BARRICADE
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- ARROW BOARD
- TYPE II BARRICADE
- TYPE III BARRICADE

ADVANCE WARNING SIGN SPACING TABLE	DISTANCE BETWEEN SIGNS (D)	ADVANCE WARNING SIGN SPACING TABLE - METRIC	DISTANCE BETWEEN SIGNS (D)
POSTED SPEED		POSTED SPEED	
40 MPH OR LESS	200'	60 km/h OR LESS	60m
45-50 MPH	350'	70-80 km/h	105m
55 MPH	500'	90 km/h	150m



MODIFIED STANDARD 701606-02

NOT TO SCALE

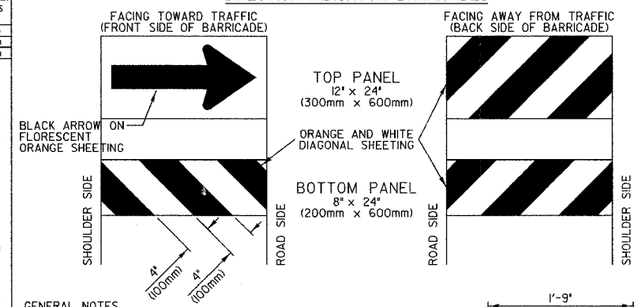
REVISIONS	DATE
FONT, SIZE-GMW	12/8/99
DUAL DIMENSIONS	03/29/02

LakeCounty Division of Transportation — APPROVED BY: ANTHONY IANNILLI DATE: MARCH 15, 1999

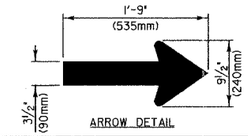
TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES HIGHWAY CONSTRUCTION, CONTRACT MAINTENANCE
WORK ZONE TRAFFIC CONTROL DETAIL FOR TWO LANE, TWO WAY TRAFFIC CLOSED WITH FLUSH MEDIAN DAY OR NIGHT OPERATIONS
WHERE AT ANY TIME, ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES REQUIRE A STOP OR THE PLACEMENT OF ONE OR MORE TRAFFIC LANES

LC7024

DIRECTION INDICATOR BARRICADES



GENERAL NOTES
1) Direction Indicator Barricades shall be constructed from non-metallic Type II barricades meeting the requirements of Article 702.03 (e) of the Standard Specifications.
2) The Direction Indicator Barricades shall be equipped with Type C steady burning lights if used to channellize traffic during the hours of darkness.
3) The reflective sheeting for the top panel shall be Type AZ fluorescent orange. The diagonal panels shall have orange and white Type A or better reflective sheeting.



ARROW DETAIL

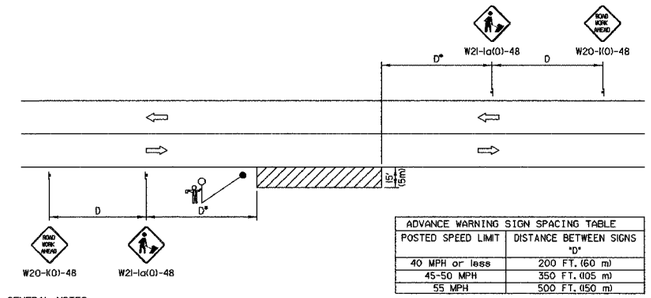
REVISIONS	DATE
DUAL DIMENSIONS	4/15/02

LakeCounty Division of Transportation — APPROVED BY: ANTHONY IANNILLI DATE: JAN. 27, 2000

TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES HIGHWAY CONSTRUCTION, CONTRACT MAINTENANCE

DIRECTION INDICATOR BARRICADES

LC7006



ADVANCE WARNING SIGN SPACING TABLE	
POSTED SPEED LIMIT	DISTANCE BETWEEN SIGNS "D"
40 MPH or less	200 FT. (60 m)
45-50 MPH	350 FT. (105 m)
55 MPH	500 FT. (150 m)

GENERAL NOTES
This special details used at any time, any vehicle, equipment, workers or their activities require a stationary, intermittent or continous moving operation within 15 feet (5 m) of the traffic lane, where the average speed is 1 mph (2 km) or less.

*Minimum distance "D" is shown in the Advance Warning Sign Spacing Table. If the work is a moving operation, the maximum distance "D" may be extended to ½ the length required for one normal working day's operation or 4 miles (6.4 km), whichever is less.

If the work operation does not exceed 60 minutes, traffic control may be in accordance with I.D.O.T. Highway Standard 701301.

SYMBOLS
- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH TRAFFIC CONTROL SIGN WHEN REQUIRED

MODIFIED STANDARD 701011

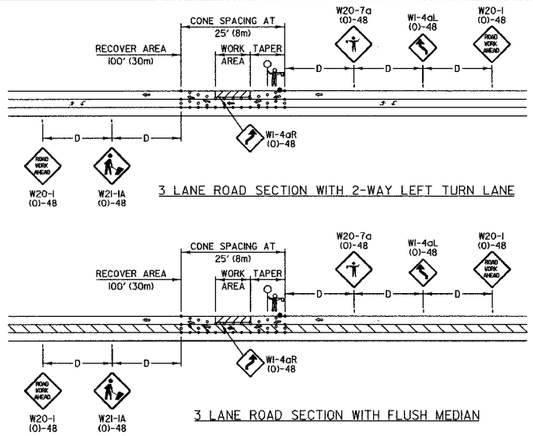
REVISIONS	DATE

LakeCounty Division of Transportation — APPROVED BY: A. KHAWAJA DATE: 01/20/2003

TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES HIGHWAY CONSTRUCTION, CONTRACT MAINTENANCE AND UTILITY OPERATIONS

TWO LANE, TWO WAY, OFF-ROAD OPERATIONS DAY ONLY OPERATIONS

LC7008



SYMBOLS
- WORK AREA
- CONE
- SIGN
- FLAGGER STATION
- FLAGGER WITH SLOW PADDLE

ADVANCE WARNING SIGN SPACING TABLE	DISTANCE BETWEEN SIGNS
POSTED SPEED	(D)
40 MPH OR LESS	200'
45-50 MPH	350'
55 MPH	500'

ADVANCE WARNING SIGN SPACING TABLE - METRIC	DISTANCE BETWEEN SIGNS
POSTED SPEED	(D)
60 km/h OR LESS	60m
70-80 km/h	105m
90 km/h	150m

LENGTH OF SHIFTING TAPER	
SPEED LIMIT	TAPER (FT)
30 MPH	100'
35 MPH	125'
40 MPH	150'
45 MPH	275'
50 MPH	300'
55 MPH	325'

LENGTH OF SHIFTING TAPER METRIC	
SPEED LIMIT	TAPER (M)
50 KM/H	30
55 KM/H	40
60 KM/H	45
70 KM/H	85
80 KM/H	90
90 KM/H	100

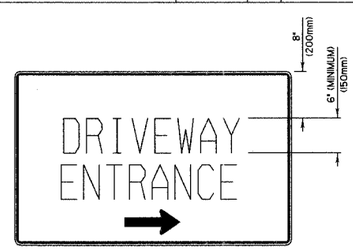
NOT TO SCALE

REVISIONS	DATE
SPACING-JPS	1/29/98
FONT-GM	12/17/99
DUAL DIMEN.	03/29/02

LakeCounty Division of Transportation — APPROVED BY: A. KHAWAJA DATE: 10/09/97

TYPICAL LANE CLOSURE
3 LANE ROAD SECTION
WORK ZONE TRAFFIC CONTROL DETAIL FOR 3 LANE, TWO WAY, DAY ONLY, LANE CLOSURE

LC7025



2'-6" x 4'-0"
WHITE ON GREEN
REFLECTIVE BACKGROUND
½" BORDER

TEMPORARY INFORMATION SIGNING NOTES:

1. EXISTING TRAFFIC CONTROL SIGNS AND MESSAGES THAT ARE IN CONFLICT WITH THE PROPOSED MAINTENANCE OF TRAFFIC SHALL BE TEMPORARILY COVERED OR MODIFIED WITH TEMPORARY OVERLAY AS SHOWN IN PLANS AND AS DIRECTED BY THE ENGINEER.
2. INSTALL ADDITIONAL TEMPORARY SIGN PANEL ASSEMBLY AS SHOWN IN PLANS AND AS DIRECTED BY THE ENGINEER.
3. HALF OF THE SIGNS WILL REQUIRE THE ARROW TO POINT TO THE LEFT.
4. TO BE PAID FOR BY ITEM "TEMPORARY INFORMATION SIGNING".

REVISIONS	DATE

LakeCounty Division of Transportation — APPROVED BY: ANK DATE: 03/21/02

TEMPORARY INFORMATION SIGNING FOR COMMERCIAL ENTRANCE

LC7027

REVISIONS	
NAME	DATE

VILLAGE OF BUFFALO GROVE

LCDOT DETAILS

DEERFIELD PARKWAY IMPROVEMENT

NOT TO SCALE

DATE: 6/2/2005
DESIGNED BY: RTM
TECHNICIAN: JRR
CHECKED BY: RTM

BID SET