

DATE: _____
 BY: _____
 SURVEYED: _____
 ORIGINAL SURVEY: _____
 NOTE BOOK: _____
 AREAS CHECKED: _____

ELEVATION, CLASSIC, 2-RAIL, 8' NOM. LENGTH

LC DOT PREFERS BALL POST CAP PYRAMID CAP AVAILABLE

(PANELS ALSO AVAILABLE FOR 6' O.C. POST SPACING)

HORIZONTAL RAIL 1 3/4" x 14 GA.

1" x 16 GA. PICKET

2 1/2" x 12 GA. POST (FOR 4' FENCE HEIGHT)

3" x 12 GA. POST ALSO AVAILABLE

LC DOT PREFERS THE COLOR BLACK ALSO AVAILABLE IN BRONZE, WHITE & DESERT SAND.

CONCRETE FOOTING

ISOMETRIC, CLASSIC 2 RAIL

INTERNAL RETAINING ROD, CONTINUOUS VARIABLE PITCH CONNECTION SYSTEM ELIMINATES EXTERNAL FASTENERS

HORIZONTAL RAIL DOUBLE-WALLED "U" CHANNEL SPECIALLY FORMED HIGH STRENGTH ARCHITECTURAL SHAPE.

GATES: SPECIFY OPENING WIDTHS
 SINGLE _____ QUANTITY _____
 DOUBLE _____ QUANTITY _____

Post Selection for Fence Height 8' - 10'

Fence Height (FT)	Rail Length (FT)	Post Size	Wind Load Capacity Factor (PSF)	Typical Wind Load Capacity (mph)
6	6	2 1/2" x 12 GA.	45.6	133.0
		3" x 12 GA.	54.8	146.0
		2 1/2" x 12 GA.	34.2	116.0
7	6	3" x 12 GA.	41.0	127.0
		2 1/2" x 12 GA.	33.4	114.0
		3" x 12 GA.	40.0	125.0
8	6	2 1/2" x 12 GA.	25.0	99.0
		3" x 12 GA.	30.0	108.0
		2 1/2" x 12 GA.	25.6	100.0
9	6	3" x 12 GA.	30.7	110.0
		2 1/2" x 12 GA.	19.2	87.0
		3" x 12 GA.	23.0	95.0
10	6	4" x 12 GA.	30.6	110.0
		4" x 12 GA.	32.0	113.0
		4" x 12 GA.	28.7	107.0

OPTIONAL 45 DEGREE SWIVEL BRACKET

APPROVED BY: M. G. ZEMAITIS
 DATE: APRIL 1, 2007

ORNAMENTAL FENCE CLASSIC TWO RAIL (ONE MFR'S DETAILS)

LC6900

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

W20-1(O)-48 W21-1a(O)-48

ADVANCE WARNING SIGN SPACING TABLE

POSTED SPEED LIMIT	DISTANCE BETWEEN SIGNS "D"
40 MPH or less	200 FEET
45-50 MPH	350 FEET
55 MPH	500 FEET

SYMBOLS

WORK AREA

SIGN ON PORTABLE OR PERMANENT SUPPORT

FLAGGER WITH TRAFFIC CONTROL SIGN WHEN REQUIRED

GENERAL NOTES:

This special detail is used at any time, any vehicle, equipment, workers or their activities require a stationary, intermittent or continuous moving operation within 15 feet of the traffic lane, where the average speed is 1 mph 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 1/2 the length required for one normal working day's operation or 4 miles, whichever is less.

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

MODIFIED IDOT STANDARD 701011-02

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

LC7000

DATE: _____
 BY: _____
 SURVEYED: _____
 ORIGINAL SURVEY: _____
 NOTE BOOK: _____
 AREAS CHECKED: _____

R.O.W. WITNESS POST PLEASE DO NOT DISTURB NEARBY

SURVEY MARKER

R.O.W. WITNESS POST PLEASE DO NOT DISTURB NEARBY

SURVEY MARKER

APPROVED BY: M. G. ZEMAITIS
 DATE: APRIL 1, 2007

WITNESS POST

LC6650

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

CONES AT 25' CENTERS FOR 250'. ADDITIONAL CONES MAY BE PLACED AT 50' CENTERS.

WHEN BARRICADES ARE USED, THE DISTANCE BETWEEN DEVICES MAY BE DOUBLED.

TYPE III BARRICADES

MINOR ROAD ONLY

ADVANCE WARNING SIGN SPACING TABLE

POSTED SPEED LIMIT	DISTANCE BETWEEN SIGNS "D"
40 MPH or less	200 FEET
45-50 MPH	350 FEET
55 MPH	500 FEET

SYMBOLS

WORK AREA

CONE OR BARRICADE

SIGN ON PORTABLE OR PERMANENT SUPPORT

ARROW BOARD

TYPE III BARRICADE W/TYPE A FLASHING LIGHT

FLAGGER WITH TRAFFIC CONTROL SIGN

DESIGN NOTES:

- All warning signs shall have minimum dimensions of 48"x48". The Engineer may approve signs measuring 36"x36" when the posted speed limit is 30 mph or less.
- All signs not on the traveled way shall be post mounted if the closure time exceeds four calendar days. All signs shall be posted with the bottom of the sign not less than 7' above the edge of pavement. "NO PARKING" signs shall be installed throughout the work area at the discretion of the Engineer.
- The flagger shall be in sight of each other or in direct communication at all times. When no work is being performed, the flaggers will not be required. If the flaggers are not present, the flagger sign shall be removed, covered or turned away from traffic.
- Barricades with Type C steady burning lights shall be used in lieu of cones for night operation. All cones and barricades shall be according to IDOT Standard 701901.
- When necessary, additional flaggers shall be positioned so as to regulate side street traffic.
- Construction operations shall be confined to one lane, leaving the opposite lane open to traffic.
- 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 IDOT Standard 701301. Signs, when required, shall be at the spacing specified in the Advance Warning Sign Spacing Table.
- 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 the work area at the spacing specified in the Advance Warning Sign Spacing Table and the area protected with cones or barricades.
- 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 devices.
- Longitudinal dimensions may be adjusted to fit field conditions.
- The location of the construction warning signs shall be determined by the speed limit posted on the road or street on which the construction warning signs are installed.
- Form BT 725 is required.

GENERAL NOTE

This Standard is used where at anytime, day or night, any vehicle, equipment, workers or their activities encroach on the pavement requiring the closure of one traffic lane in an urban area.

MODIFIED IDOT STANDARD 701011-05

TWO LANE, TWO WAY, UNDIVIDED, URBAN LANE CLOSURE

LC7001