

(1) SEPARATOR TYPE WHEN USED BETWEEN THE WORK AREA AND A PEDESTRIAN WALKWAY:

SEPARATOR SELECTION TABLE

DISTANCE FROM SEPARATOR TO WORK ACTIVITY	WORK CHARACTERISTICS ③					
	< 0.6 m DROPOFF	0.6 m - 1.5 m DROPOFF	> 1.5 m DROPOFF	DIRT/MUD SPLASHED	EQUIPMENT WHICH MOVES OR HAS EXPOSED MOVING PARTS	OPERATION WHICH THROWS STONE/ETC.
< 1.5 m	A-H	E-H	F-G	G	G-H	G ①
1.5 m - 3.0 m	A-H	E-H	E-H	G	E-H	G ①
> 3.0 m - 9.0 m	A-H	C-H	E-H	N/A	D-H	G ①
> 9.0 m	N/A	C-H	E-H	N/A	D-H	G ①

- A. CONES ②
- B. DRUMS ②
- C. MARKER TAPE ON DRUMS OR CONES ②
- D. WOOD RAILING
- E. SNOW FENCE, WOOD OR ORANGE PLASTIC CONSTRUCTION FENCE
- F. CHAIN LINK FENCE, TYPE CLT
- G. PLYWOOD WALL
- H. PORTABLE CONCRETE BARRIER

- ① WALL SHALL BE OF SUFFICIENT HEIGHT TO SCREEN PEDESTRIANS AND PASSING CARS. IT SHOULD BE PROVIDED WHEN THE WALKWAY IS WITHIN RANGE OF ANY THROWN PROJECTILES.
- ② THESE DEVICES ARE FOR USE DURING DAYLIGHT HOURS ONLY.
- ③ THESE REQUIREMENTS SHALL NOT APPLY TO PAVING, GRINDING OR OTHER SIMILAR OPERATIONS.

(2) SEPARATOR TYPE WHEN USED BETWEEN PEDESTRIAN WALKWAY AND VEHICULAR LANE:

DISTANCE FROM EDGE OF TRAFFIC LANE TO FACE OF SEPARATOR	SPEED LIMIT (MPH)		
	25	30 - 40	> 40
0 - 0.6 m	H	H	H
> 0.6 m - 1.8 m	E-H	H	H
> 1.8 m	E-H	E-H	H

(3) SEPARATOR REQUIREMENTS:

- A. CONES TO DELINEATE PEDESTRIAN WALKWAYS SHALL BE A MINIMUM OF 0.7 m HIGH AND SPACED AT 1.5 m INTERVALS.
- B. DRUMS TO DELINEATE PEDESTRIAN WALKWAYS SHALL BE SPACED AT 1.5 m INTERVALS.
- C. MARKER TAPE SHALL BE BRIGHT FLUORESCENT ORANGE APPROXIMATELY 75 mm WIDE. ATTACHMENT TO DRUMS/CONES SHALL BE STRONG AND WATERPROOF.
- D. WOOD RAILING SHALL BE A MINIMUM OF A 51 mm X 102 mm RAIL AT 813 mm ABOVE GROUND. IT SHALL BE SECURED TO 51 mm X 102 mm POSTS AT NOT MORE THAN 1.8 m SPACING WITH SECURE ATTACHMENT HARDWARE. IT SHALL BE INSTALLED AND BRACED TO BE ESSENTIALLY RIGID AND ABLE TO SUPPORT THE FOLLOWING LOADS:

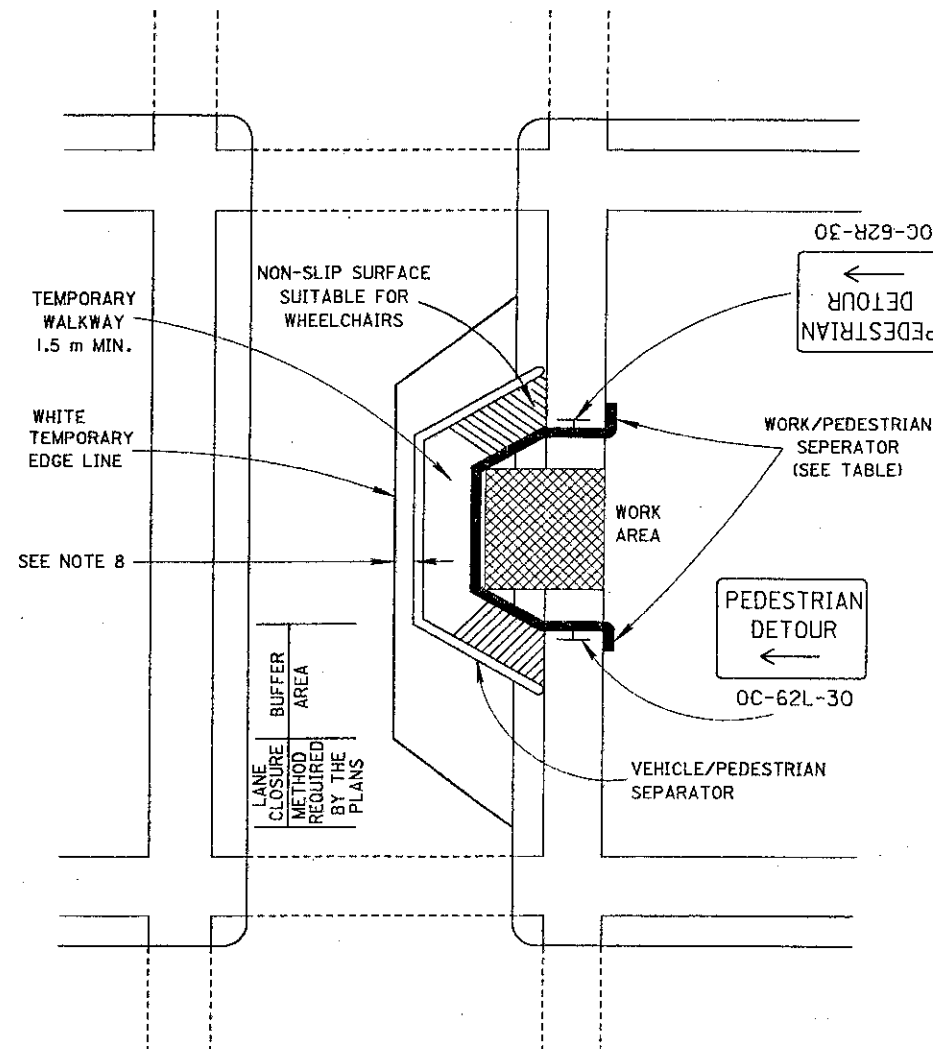
- 1) A HORIZONTAL TRANSVERSE LOAD OF 45 kg AT EACH POST TOP.
- 2) A VERTICAL LOAD OF 113 kg AT MIDPOINT BETWEEN EACH POST.

- E. WOOD SNOW FENCE SHALL BE NOMINALLY 1067 mm HIGH, SECURELY SUPPORTED BY WOOD OR STEEL POSTS AT 1.8 m MAXIMUM SPACING. PLASTIC/NYLON CONSTRUCTION FENCE SHALL BE BRIGHT ORANGE. IT SHALL BE SECURELY FASTENED TO WOOD OR METAL POSTS AT NOT MORE THAN 1.8 m SPACING. IT SHALL BE NOMINALLY 1067 mm HIGH AND THE TOP EDGE SHALL NOT SAG BELOW 762 mm (305 mm SAG). EITHER OF THE FENCE SECTIONS WITH EXTENSIVE BROKEN SLATS OR HOLES GREATER THAN 305 mm X 305 mm SHALL BE REPAIRED OR REPLACED.

- F. CHAIN LINK FENCE, TYPE CLT SHALL CONFORM TO 607 AND APPROPRIATE DETAILS ON STANDARD DRAWINGS F-1M, F-3M AND F-4M, EXCEPT THAT MATERIALS NEED NOT BE NEW NOR SHALL CERTIFICATION AND TESTS BE REQUIRED.

- G. PLYWOOD WALLS SHALL BE A MINIMUM OF 16 mm EXTERIOR PLYWOOD, SUPPORTED BY 51 mm X 102 mm OR HEAVIER FRAMING SECURELY ANCHORED AND BUTTRESSED TO RESIST WIND LOAD AND/OR PERSONS. THEY SHALL BE DESIGNED FOR A MINIMUM WIND LOADING OF 138 kPa (OR LARGER IF LOCAL CODES REQUIRE). HEIGHT OF THE WORK/PEDESTRIAN SEPARATORS SHALL NOT BE LESS THAN 2.1 m ABOVE THE WALKWAY.

- H. 813 mm PORTABLE CONCRETE BARRIER AS PER 622.



GENERAL NOTES

1. TRAFFIC CONTROLS FOR PEDESTRIANS ONLY ARE SHOWN. VEHICULAR TRAFFIC CONTROL SHALL ALSO BE PROVIDED AS REQUIRED.
2. ALL SIGNS AND BARRICADES SHALL BE PLACED SO THAT THEY DO NOT CAUSE A HAZARD FOR PEDESTRIANS. ALL SIGNS, NOT ON BARRICADES OR SEPARATORS, NEAR OR OVER ACTIVE SIDEWALKS SHALL HAVE A MINIMUM 2.1 m VERTICAL CLEARANCE. SIGNS MOUNTED ON BARRICADES OR SEPARATORS SHALL HAVE A MINIMUM 0.3 m CLEARANCE ABOVE SIDEWALK.
3. PEDESTRIAN WALKWAYS CONSTRUCTED BY THE CONTRACTOR SHALL BE KEPT FREE OF ANY OBSTRUCTIONS OR HAZARDS INCLUDING HOLES, DEBRIS AND MUD. OTHER WALKWAYS DAMAGED OR DIRTIED BY THE CONTRACTOR SHALL BE IMMEDIATELY REPAIRED OR CLEANED.
4. FOR REPAIR OR RECONSTRUCTION WORK INVOLVING SIDEWALKS ON BOTH SIDES OF THE STREET, THE WORK SHALL BE STAGED SO THAT ONE SIDE IS REBUILT BEFORE THE OTHER IS DISRUPTED.
5. AT NIGHT, TEMPORARY LIGHTING SHALL BE PROVIDED FOR SEPARATORS AND PEDESTRIAN DETOUR SIGNS WHICH ARE NOT OTHERWISE LIGHTED ADEQUATELY. ILLUMINATION SHALL PROVIDE A MINIMUM OF 13.0 LUX ON TEMPORARY WALKWAYS. ILLUMINATION FIXTURES MAY CONSIST OF FLOODLIGHTS OR OTHER PROTECTED FIXTURES MOUNTED AT LEAST 3.0 m ABOVE GROUND AND CONTROLLED BY PHOTOCELLS. ILLUMINATION SUPPORTS MAY BE STANDARD HIGHWAY LIGHTING POLES, 102 mm X 102 mm WOOD POST OR OTHER SUPPORT APPROVED BY THE ENGINEER.
6. THE PURPOSE OF THE TRAFFIC CONTROL DEVICES PROVIDED HEREON IS TO DIVERT AND GUIDE PEDESTRIANS WHOSE PATH WOULD OTHERWISE ENTER THE WORK AREA. THE CONTRACTOR MUST TAKE ADDITIONAL PRECAUTIONS AS APPROPRIATE TO PROTECT OTHER PEDESTRIANS OR RESIDENTS (INCLUDING CHILDREN) FROM EXPOSURE TO HAZARDS RESULTING FROM CONSTRUCTION OPERATIONS.
7. THE TRAFFIC SIDE OF THE VEHICLE/PEDESTRIAN SEPARATOR SHALL BE MARKED WITH TYPE C STEADY BURNING LIGHTS AT MAXIMUM 6.0 m SPACING UNLESS OTHER CHANNELIZING DEVICES WITH LIGHTS ARE PROVIDED BETWEEN THE TRAFFIC LANES AND SEPARATOR.
8. MAINTAIN 0.6 m MINIMUM BETWEEN THE TEMPORARY EDGE LINE AND THE VEHICLE/PEDESTRIAN SEPARATOR WHEN POSSIBLE.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH 614 AND OTHER APPLICABLE PORTIONS OF THE C & M SPECIFICATIONS AS WELL AS IN ACCORDANCE WITH PART 7 OF THE OMTCD. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS TO PROVIDE THIS METHOD OF TRAFFIC CONTROL SHALL BE INCLUDED IN THE LUMP SUM BID FOR 614 MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.



metric units

OFFICE OF TRAFFIC ENGINEERING DIVISION OF ENGINEERING POLICY OHIO DEPARTMENT OF TRANSPORTATION	
MAINTENANCE OF TRAFFIC	DATE 03/01/96
DETOUR OF PEDESTRIANS TO TEMPORARY WALKWAY ON ROADWAY	
STANDARD CONSTRUCTION DRAWING	MT-110.10M
APPROVED <i>[Signature]</i>	ADMINISTRATOR