

TRAFFIC PHASING PLAN

- LEGEND:**
- RC = STREET LEGALLY CLOSED
  - L = DETOUR (LEFT)
  - R = DETOUR (RIGHT)
  - CA = ROAD CLOSED AHEAD
  - LT = LOCAL TRAFFIC ONLY
  - C = ROAD CLOSED
- Work Schedule**
- STEP 1. Remove / reset curbing (as req.)
  - STEP 2. Const. catch basin / underdrain.
  - STEP 3. Const. prop. conc. sidewalk and driveways.
  - STEP 4. Excavate.
  - STEP 5. Replace processed stone subbase (for total reconstruction) / Reconstituted base course (for alternate bid item)
  - STEP 6. Adjust existing utilities / catch basin to grade
  - STEP 7. Place pre-mixed bit. conc. base
  - STEP 8. Place bit. conc. surface course and const. B.C.L.C.

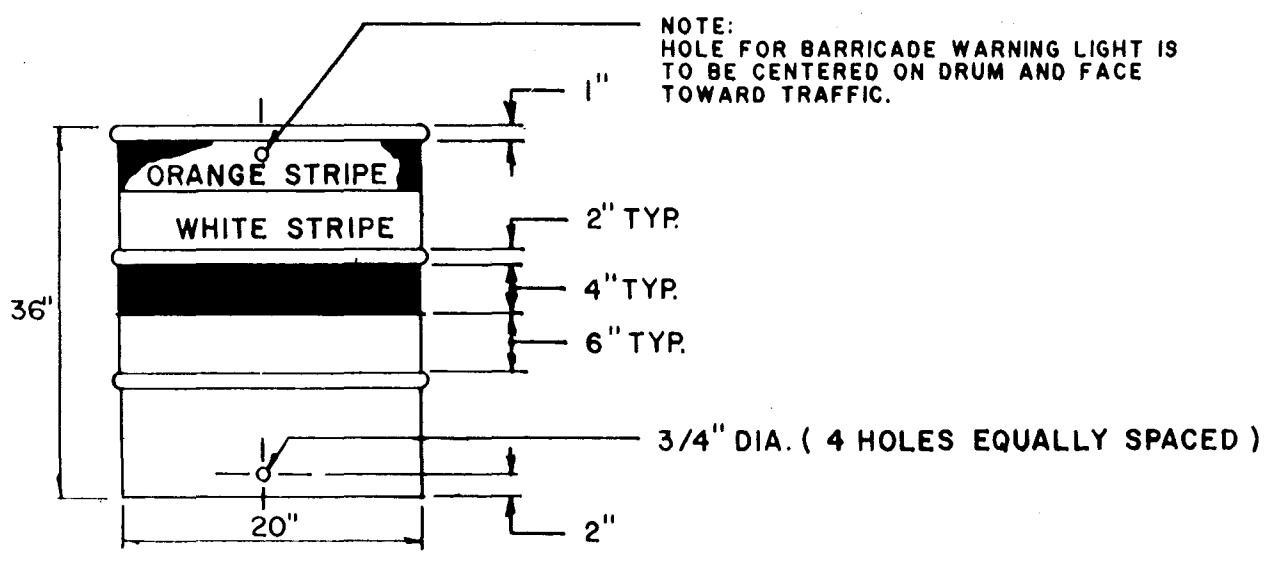
**TOTAL RECONSTRUCTION**  
Refer to work schedule

**SUNSET STREET**  
FROM CITY LINE TO MIDLAND STREET

**VIOLET STREET**  
FROM CITY LINE TO MIDLAND STREET

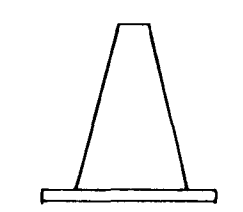
**WARREN STREET**  
FROM BELLEVUE STREET TO WINDSOR STREET

TRAFFIC DRUM



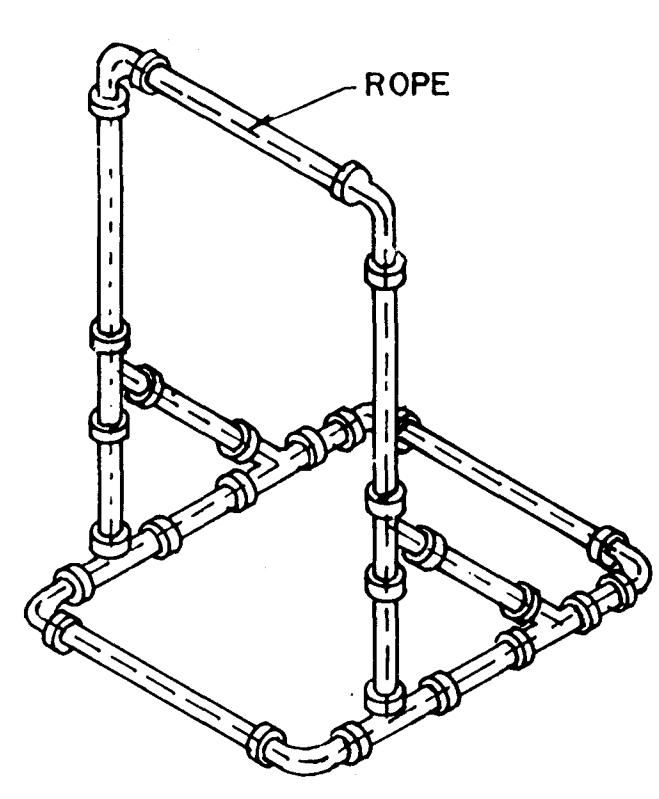
- NOTES:**
- 1. TRAFFIC DRUMS MAY BE CONSTRUCTED OF STEEL OR PLASTIC.
  - 2. TRAFFIC DRUM SHALL BE DESIGNED IN ACCORDANCE WITH THE SPECIFICATIONS.
  - 3. THE ENGINEER RESERVES THE RIGHT TO REJECT ANY DRUM HE DEEMS NOT SUITABLE FOR PURPOSE INTENDED.
  - 4. THE WHITE STRIPES SHALL BE REFLECTIVE SHEETING - ENCAPSULATED LENS.
  - 5. REFLECTORIZED STRIPES SHOULD NOT BE PLACED OVER THE PROTRUDING CIRCUMFERENTIAL RIBS OF THE DRUM.
  - 6. THOSE SECTIONS OF DRUM NOT COVERED WITH REFLECTORIZED STRIPES SHALL BE ORANGE, IN COLOR.

TRAFFIC CONE

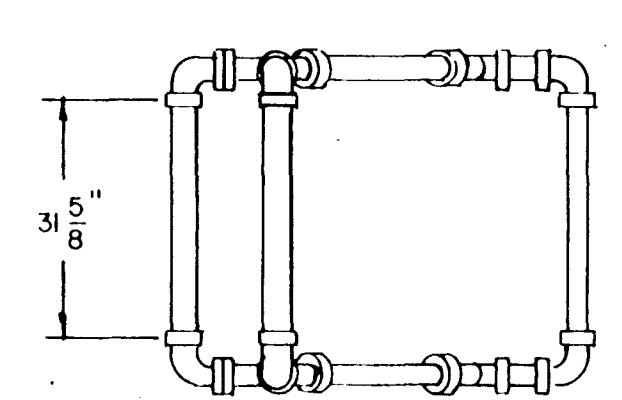


- NOTES:**
- 1. TRAFFIC CONES SHALL BE DESIGNED IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CHAPTER VI, SECTION 6C - 3 CONE DESIGN."
  - 2. CONES SHALL BE A MINIMUM OF 18" IN HEIGHT OR AS SPECIFIED. COLOR SHALL BE PREDOMINATELY FEDERAL ORANGE.
  - 3. PLASTIC CONES ARE TO BE COLOR IMPREGNATED.
  - 4. RUBBER CONES ARE TO BE REFLECTORIZED WITH INTERIOR RIBS FOR RIGIDITY.
  - 5. CONE WALL THICKNESS MUST WITHSTAND IMPACT, WITHOUT DAMAGE TO EITHER CONE OR VEHICLE UPON IMPACT.
  - 6. THE ENGINEER RESERVES THE RIGHT TO REJECT ANY CONE HE DEEMS NOT SUITABLE FOR PURPOSE INTENDED.

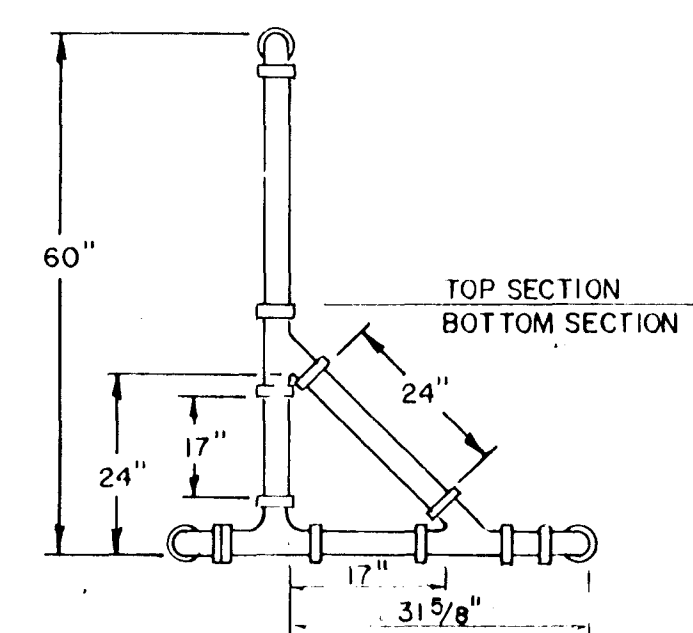
- NOTES:**
- 1. DIMENSIONS ARE APPROXIMATE.
  - 2. BOTTOM SECTION MAY BE FILLED WITH SAND FOR BALLAST.
  - 3. SUPPORT SHALL BE LOOSELY THREADED WITH ROPE, KNOTTED AS REQUIRED.



ISOMETRIC VIEW



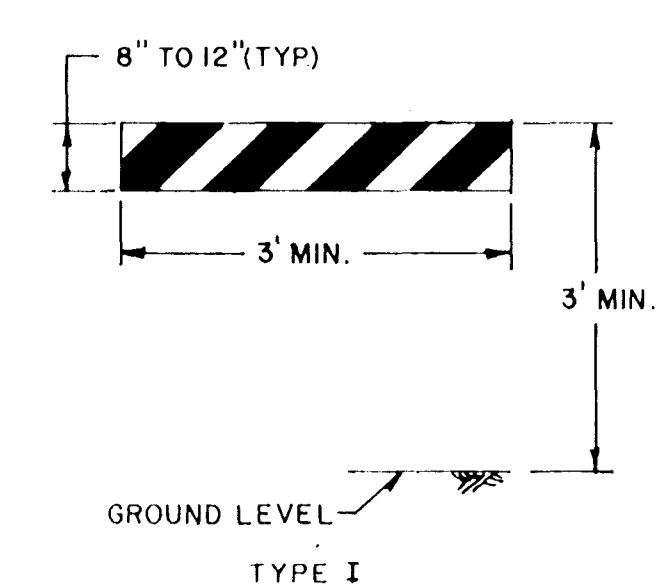
TYPICAL 3" OR 4" BARRICADE SUPPORT



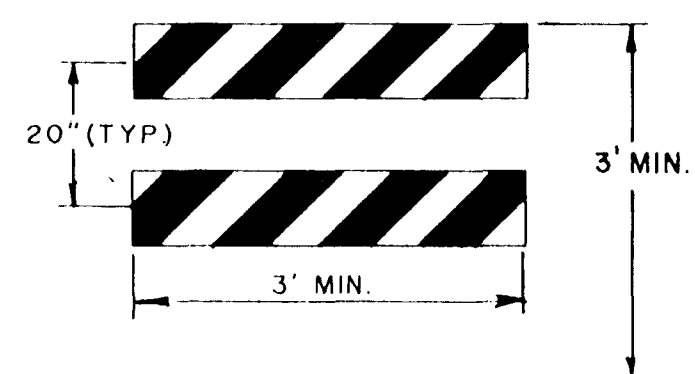
CONSTRUCTION BARRICADES

NOTE: CHECK GRAPHIC SCALES BEFORE USING DRAWINGS

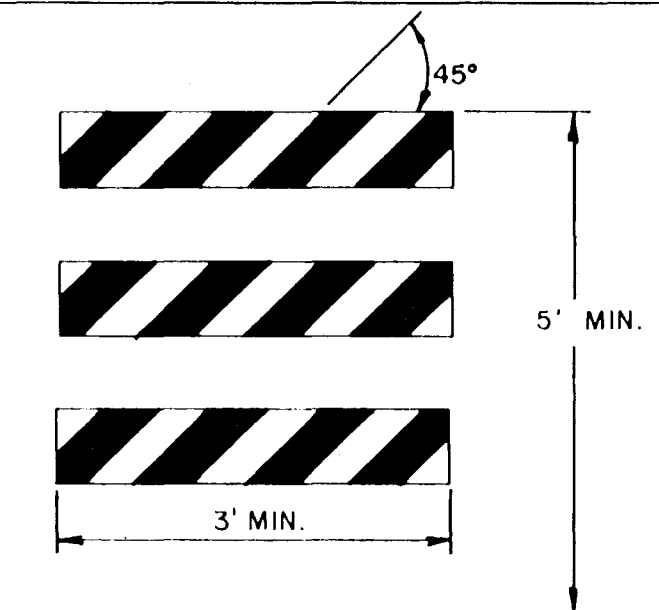
- NOTES:**
- 1. ALUMINUM BARRICADE FACE PANELS SHALL BE MOUNTED ON 3" OR 4" P.V.C. BARRICADE SUPPORT.
  - 2. MARKINGS FOR BARRICADE FACE PANELS SHALL BE ALTERNATE ORANGE AND WHITE STRIPES SLOPING DOWNWARD IN THE DIRECTION TRAFFIC IS TO PASS. 6" WIDE STRIPES AT A 45° ANGLE SHALL BE USED.
  - 3. THE ENTIRE AREA OF ORANGE AND WHITE STRIPES SHALL BE REFLECTIVE SHEETING - ENCAPSULATED LENS. BARRICADE FACE PANELS AS NOTED SHALL BE REFLECTORIZED ON BOTH SIDES. WHERE TRAFFIC PASSES ONLY IN ONE DIRECTION OF TRAVEL, ONLY THE SIDE FACING TRAFFIC SHALL BE REFLECTORIZED.
  - 4. ALUMINUM BARRICADE FACE PANELS SHALL HAVE ROUNDED CORNERS.
  - 5. THE ENGINEER RESERVES THE RIGHT TO REJECT ANY BARRICADE FACE PANEL WHICH HE DEEMS HAZARDOUS, AND NOT IN THE BEST INTEREST OF THE MOTORING PUBLIC, OR NOT SUITABLE FOR PURPOSE INTENDED.



TYPE I

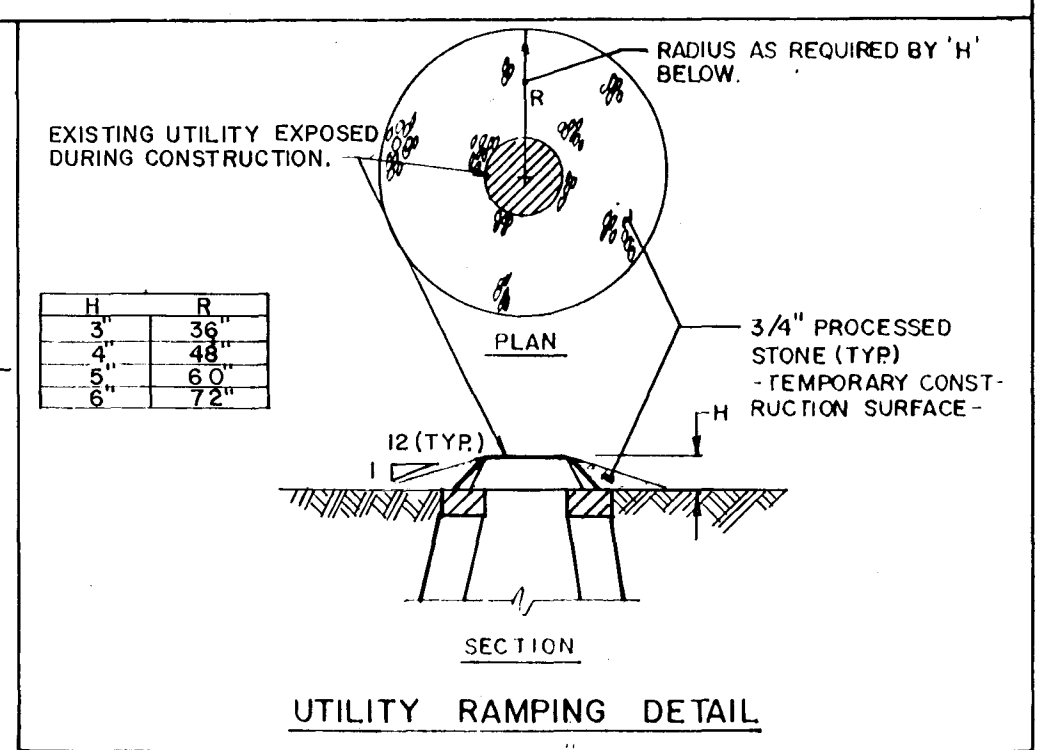


TYPE II



TYPE III

ALUMINUM BARRICADE FACE PANELS



UTILITY RAMPING DETAIL

TRAFFIC PHASING

(REFER TO TRAFFIC PHASING PLAN)

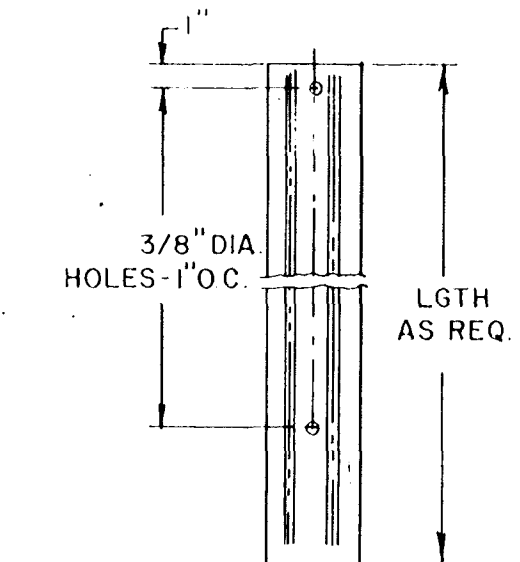
- NOTES:**
- 1. WORK SHALL CONSIST OF THE SECTION INDICATED. DURING STEPS 1, 2 & 3 THE WORK SITE SHALL BE POSTED WITH TEMPORARY "NO PARKING / TOW ZONE" SIGNS & TRAFFIC SHALL BE MAINTAINED IN BOTH DIRECTIONS. THE CONTRACTOR SHALL CONFINED HIS EQUIPMENT TO THE PARKING LANE DURING STEPS 1, 2 & 3. DURING ALL OTHER STEPS, BOTH SIDES OF THE STREET SHALL BE POSTED WITH TEMPORARY "NO PARKING / TOW ZONE" SIGNS. SEE NOTE 7 BELOW.
  - 2. EACH SECTION SHALL BE COMPLETED IN SEQUENCE UNLESS THE CONTRACTOR RECEIVES APPROVAL FROM THE CITY OF HARTFORD CHIEF OF TRANSPORTATION THROUGH THE ENGINEER TO CONDUCT WORK CONCURRENTLY.
  - 3. DURING STEPS 4 THRU 8, STREETS SHALL BE CLOSED TO ALL THRU TRAFFIC. TRAFFIC SHALL BE DETOURED USING DETOUR ROUTES INDICATED. ACCESS FOR EMERGENCY VEHICLES SHALL BE PROVIDED AT ALL TIMES. ACCESS TO LOCAL DRIVEWAYS SHALL BE PROVIDED AT ALL TIMES EXCEPT DURING STEPS 7 AND 8.
  - 4. IF STREET CONDITIONS ARE PROPERLY PROTECTED FOR TRAFFIC AS DETERMINED BY THE CITY OF HARTFORD'S CHIEF OF TRANSPORTATION THROUGH THE ENGINEER PRIOR TO STEP 6, THE CONTRACTOR MAY REQUEST APPROVAL FROM THE CITY OF HARTFORD TO PAVE THE ENTIRE STREET AT THE SAME TIME, UTILIZING APPROVED DETOUR ROUTES.
  - 5. WARNING & CONSTRUCTION SIGNS SHALL FOLLOW THE SPECIFICATIONS OF CONN.D.O.T. CATALOG OF SIGNS, A COPY OF WHICH IS AVAILABLE FOR REVIEW AT THE OFFICE OF THE CITY OF HARTFORD CHIEF OF TRANSPORTATION.
  - 6. ONE (1) PRIVATE DUTY POLICE OFFICER FROM THE CITY OF HARTFORD SHALL BE ON DUTY DURING STEPS 4 THRU 8 AS REQUIRED BY THE ENGINEER. POLICE OFFICERS ARE TO BE INVOICED DIRECTLY TO THE CONTRACTOR AND BILLED TO THE CITY WITH NO MARK-UP BY THE CONTRACTOR. DURING ALL PHASES, THE WORK SITE SHALL BE KEPT SAFE AND PASSABLE BY RAMPING AROUND THE PLACEMENT OF TRAFFIC DRUMS AND FLASHING LIGHTS AT ALL UTILITIES OR AS DIRECTED BY THE ENGINEER.
  - 7. THE CONTRACTOR SHALL OBTAIN TEMPORARY "NO PARKING/TOW ZONE" SIGNS FROM THE CITY OF HARTFORD SIGN SHOP AND RETURN THEM AT THE CONCLUSION OF THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOSS OR DAMAGE OF THESE SIGNS, AT THE RATE OF \$10.00 PER SIGN.
  - 8. SIGN AND LETTERING SPECIFICATIONS ARE AVAILABLE UPON REQUEST FROM THE CITY OF HARTFORD. ALL OTHER TRAFFIC CONTROL DEVICES FOR M & P SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, PART VI "TRAFFIC CONTROLS FOR STREET AND HIGHWAY CONSTRUCTION AND MAINTENANCE OPERATIONS."

ROAD CLOSED AHEAD (CA)		ROAD CLOSED (C)	
	SIZE (INCHES)		SUPPORTS
CA	36" x 36"		1
C	36" x 36"		1

LOCAL TRAFFIC ONLY (LT)	
	SUPPORTS
	2

DETOUR (L) (R)	
	SUPPORTS
(L)	2
(R)	2

STREET LEGALLY CLOSED (RC)	
	SUPPORTS
	2



WT.	A	B	C
3lb	1 5/8"	1 3/4"	3 1/2"
3lb	1 5/16"	1 7/8"	3 1/2"

**NOTES:**

STEEL FOR POST SHALL CONFORM TO MECHANICAL REQUIREMENTS OF ASTM A499 - 81 GRADE 60 AND TO CHEMICAL REQUIREMENTS OF ASTM A1 - 76 CARBON STEEL TEE RAIL HAVING NORMAL WEIGHT OF 91 LB OR GREATER PER LINEAR YARD.

TYPICAL SIGN POST DETAILS

NO.	DATE	REVISION
DESIGNED:	A.M.	
DRAWN:	T.N.S.	DATE JULY 6, 1990
CHECKED:	P.L.	
APPROVED:	R.C.G.	SCALE N.T.S.

CONTRACT NO. E90-24

**MISCELLANEOUS DETAILS**

THE CITY OF  
HARTFORD, CONNECTICUT

**PURCELL ASSOCIATES**

SHEET NO. 7 OF 11  
DAYBOOK NO. 011212