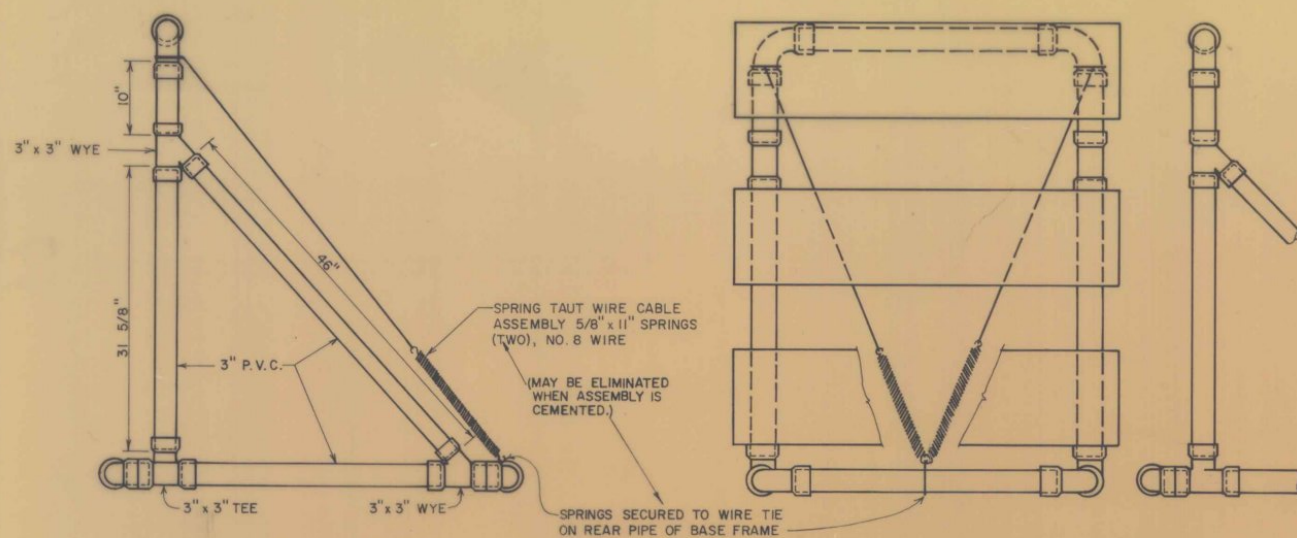
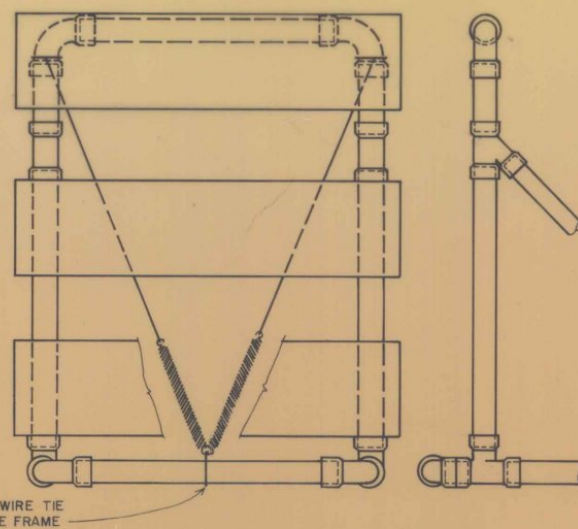
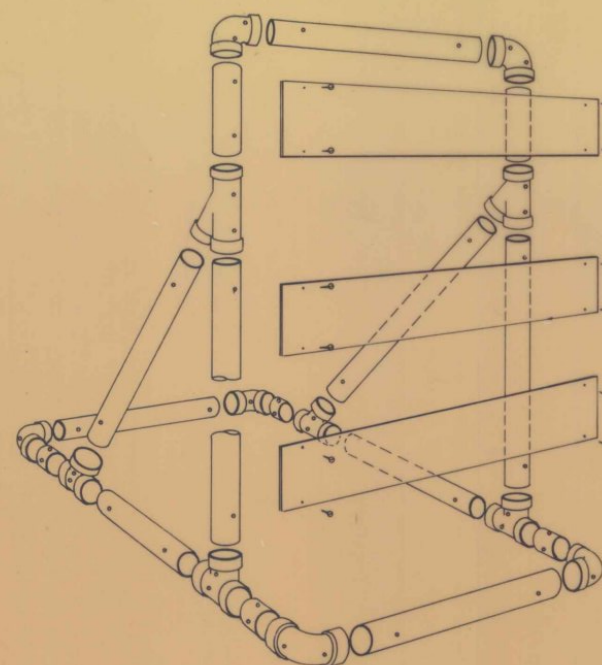




SIDE VIEW



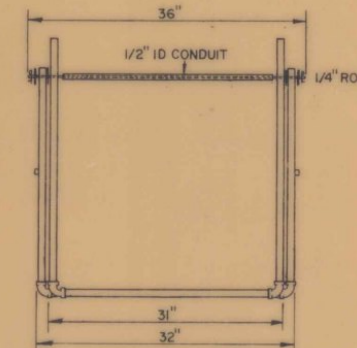
BARRICADES SHALL BE STABILIZED WITH SAND BAGS OR FLEXIBLE CONTAINERS OF SAND WHICH WILL NOT CONSTITUTE A HAZARD WHEN BARRICADE IS HIT.  
STABILIZERS SHALL BE SO PLACED AS NOT TO BE A HAZARD TO VEHICLES PASSING ON EITHER SIDE.  
IF BARRICADE REPLACEMENT COSTS CAN BE CONSIDERED NEGLIGIBLE, GLUED JOINTS MAY PROVIDE ADDITIONAL STABILITY TO THE INSTALLATION.



# BARRICADE ASSEMBLY

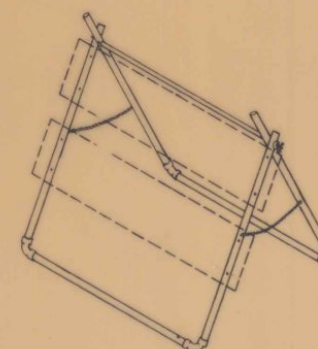
## MATERIALS LIST FOR ONE BARRICADE

|                                  |       |
|----------------------------------|-------|
| 3" Diameter Pipe                 | 30 LF |
| 3" 1/4 Bend Elbow                | 6 EA  |
| 3" Tees                          | 2 EA  |
| 3" Wyes                          | 4 EA  |
| 8" x 48" x 0.25 Barricade Panels | 3 EA  |
| 5/8" x 11" No. 8 Spring          | 2 EA  |
| 1" No. 14 Pan Head Metal Screws  | 12 EA |
| No. 14 Black Annealed Tie Wire   | 15 LF |

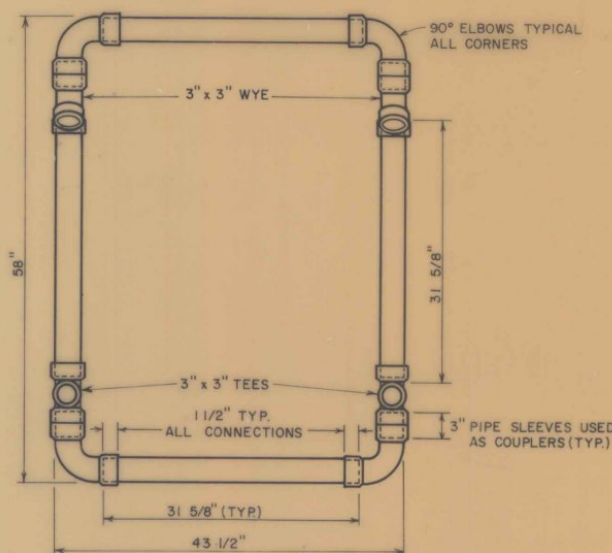
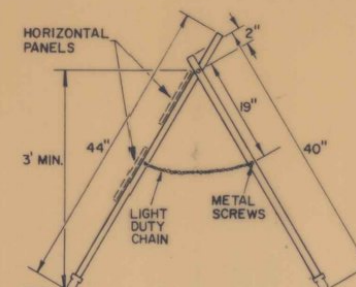


## MATERIALS FOR TYPE I & II BARRICADES

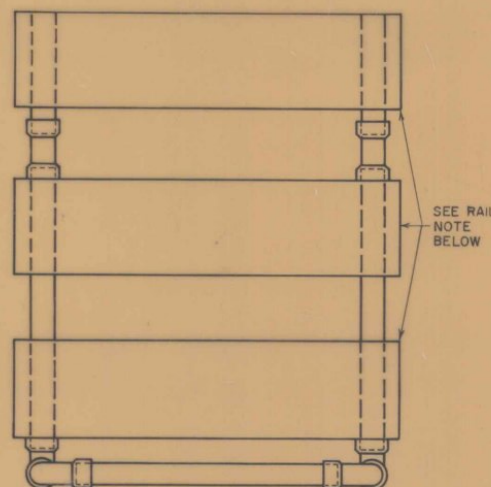
- 20'-1" PVC
- 4'-1" PVC 90° ELBOWS
- 30'-1/2" ID THINWALL CONDUIT
- 36'-1/4" STEEL ROD
- 4'-1" WASHERS
- 24'-1" LIGHT DUTY CHAIN
- 4-METAL SCREWS
- 2-3/4" COTTER PINS



TYPE I & II BARRICADE DETAILS



TOP VIEW OF BASE



SEE STANDARD E-7 FOR RAIL DETAILS.  
RAILS ATTACHED WITH 1" NO. 14 PAN HEAD METAL SCREW.

FRONT VIEW

REVISIONS & CORRECTIONS  
JAN. 11, 1977 - REVISED ACCORDING TO FHWA REQUIREMENTS.  
JUNE 8, 1977 - MATERIALS LIST ADDED.  
APR. 8, 1982 - CEMENTING NOTE AND BARRICADES TYPE I & II ADDED.  
JUNE 13, 1984 - RAILS CHANGED FROM 9" TO 8".

APPROVED

Dec 30, 1976  
DATE

C. H. Hickney  
CHIEF ENGINEER

R. O. Munn  
ASST. CHIEF ENGINEER

L. E. Jones  
HIGHWAY ENGINEER

TRAFFIC SIGNS

# BREAKAWAY BARRICADE DETAILS



STANDARD  
E-7A