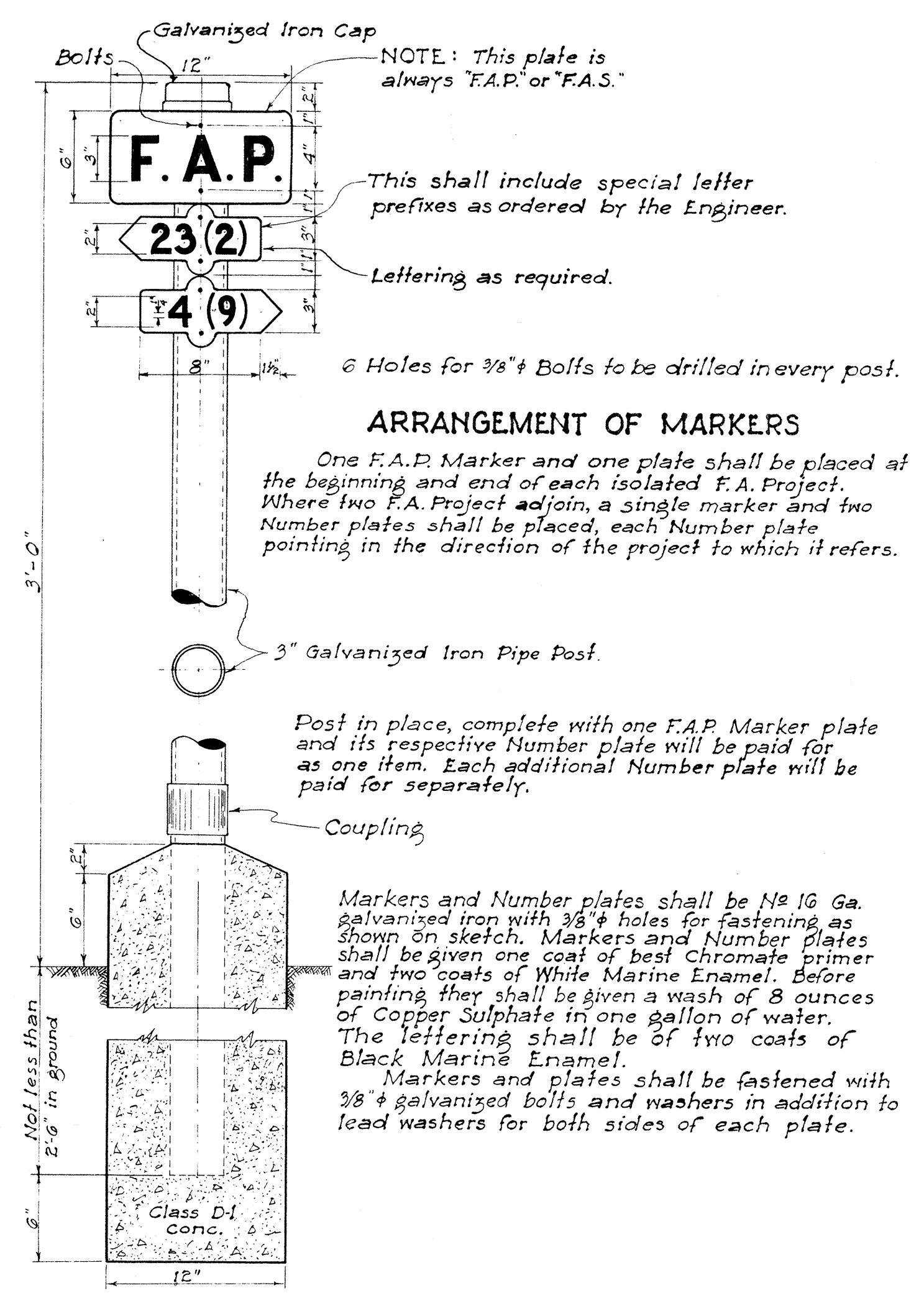
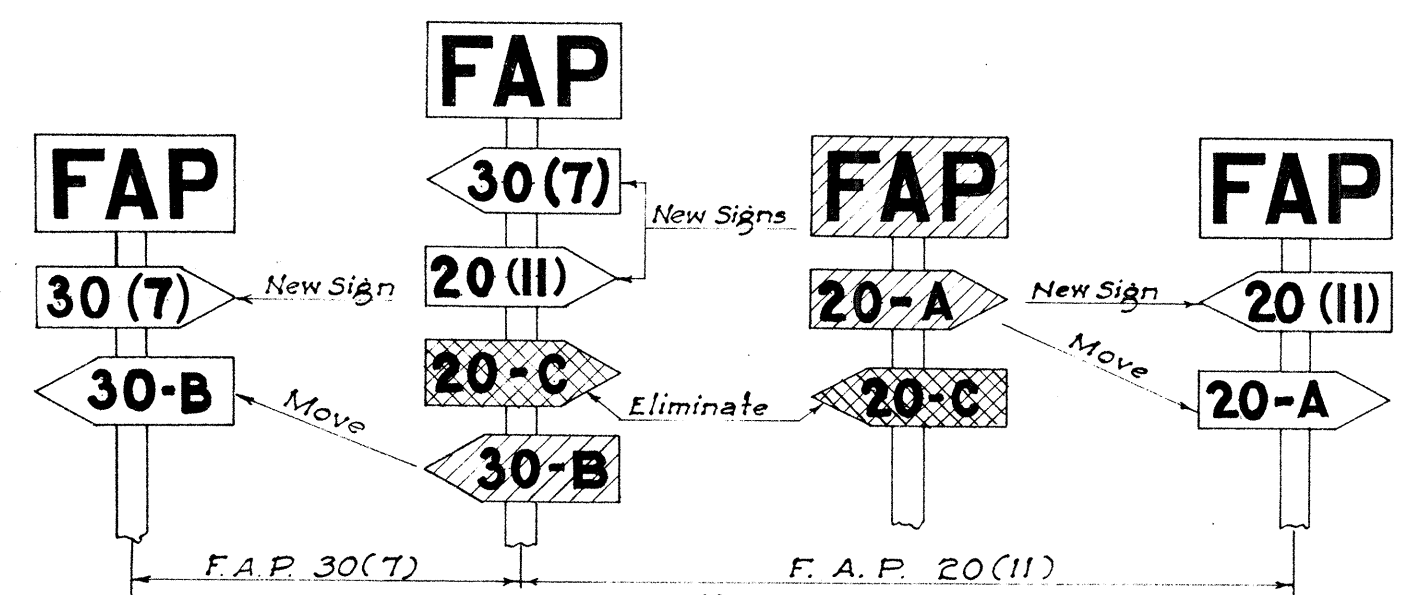


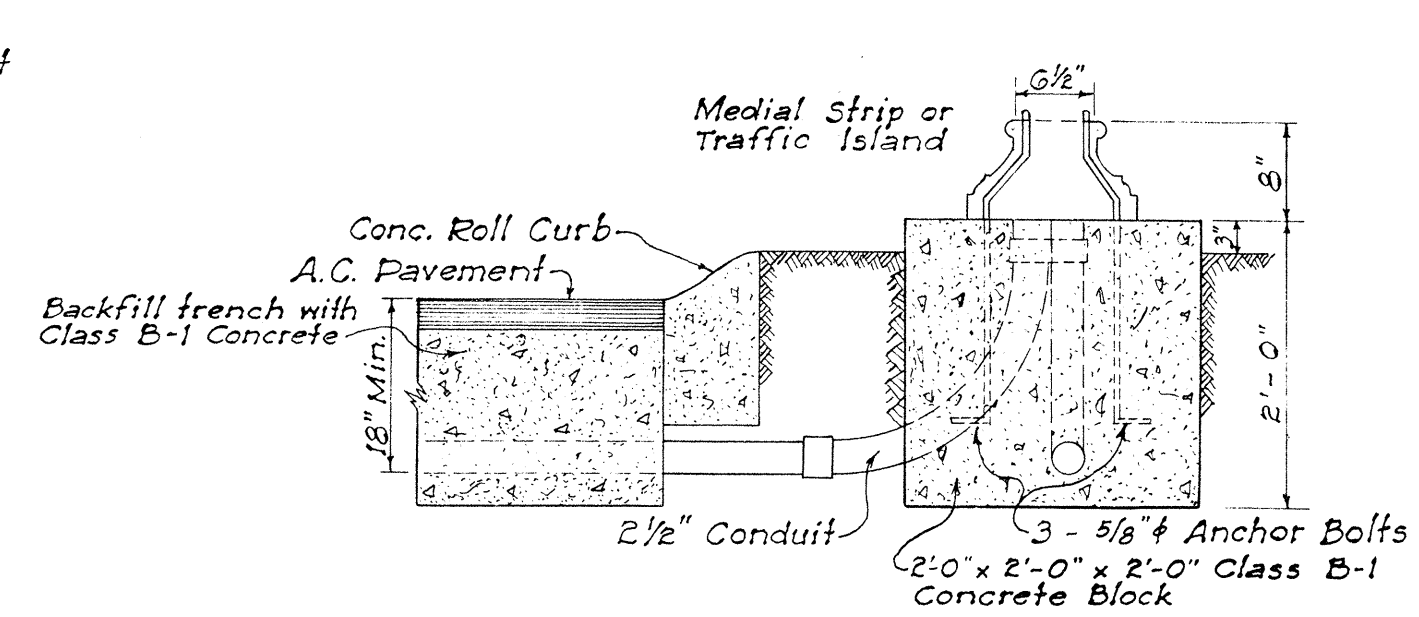
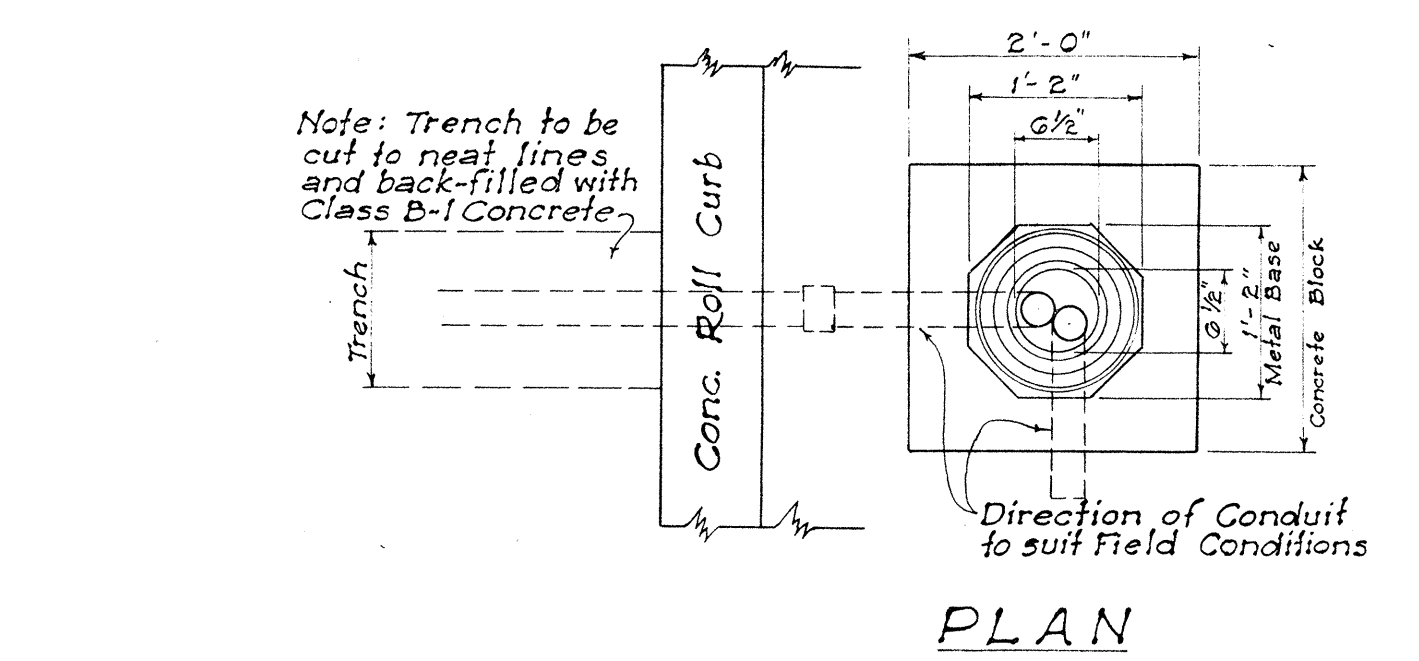


FEDERAL AID MARKER  
Scale: 1/2" = 1'-0"

F.A.P. 20 & 30

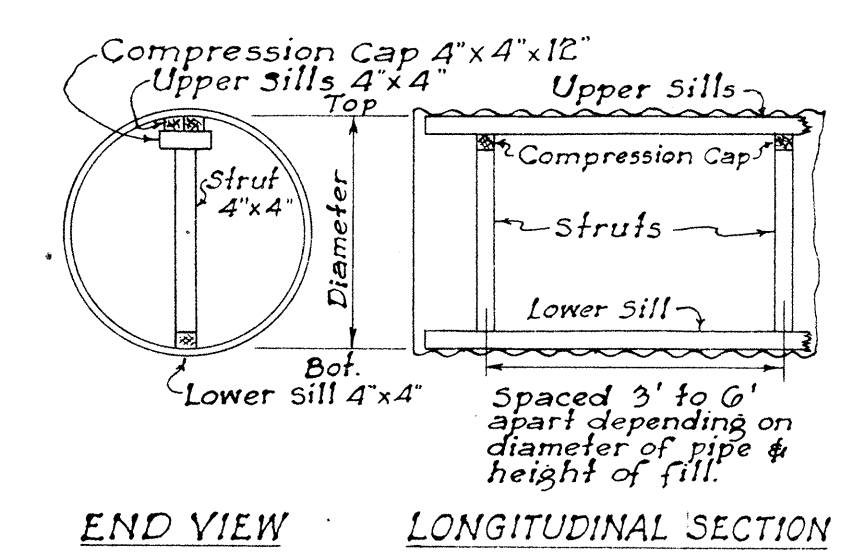


NOTE: Federal Aid Markers should be placed at the termini of suffix designated sections. Intermediate letter designated markers



NOTE: Unless otherwise specified, all concrete for base for Traffic Standards, Pull Boxes, Concrete Jackets for Transite Ducts shall be Class B-1 Concrete.

DETAIL OF BASE FOR TRAFFIC STANDARD AND DISPATCHER PEDESTAL



STRUTTING DIAGRAM & TABLE FOR CORRUGATED METAL PIPE CULVERT

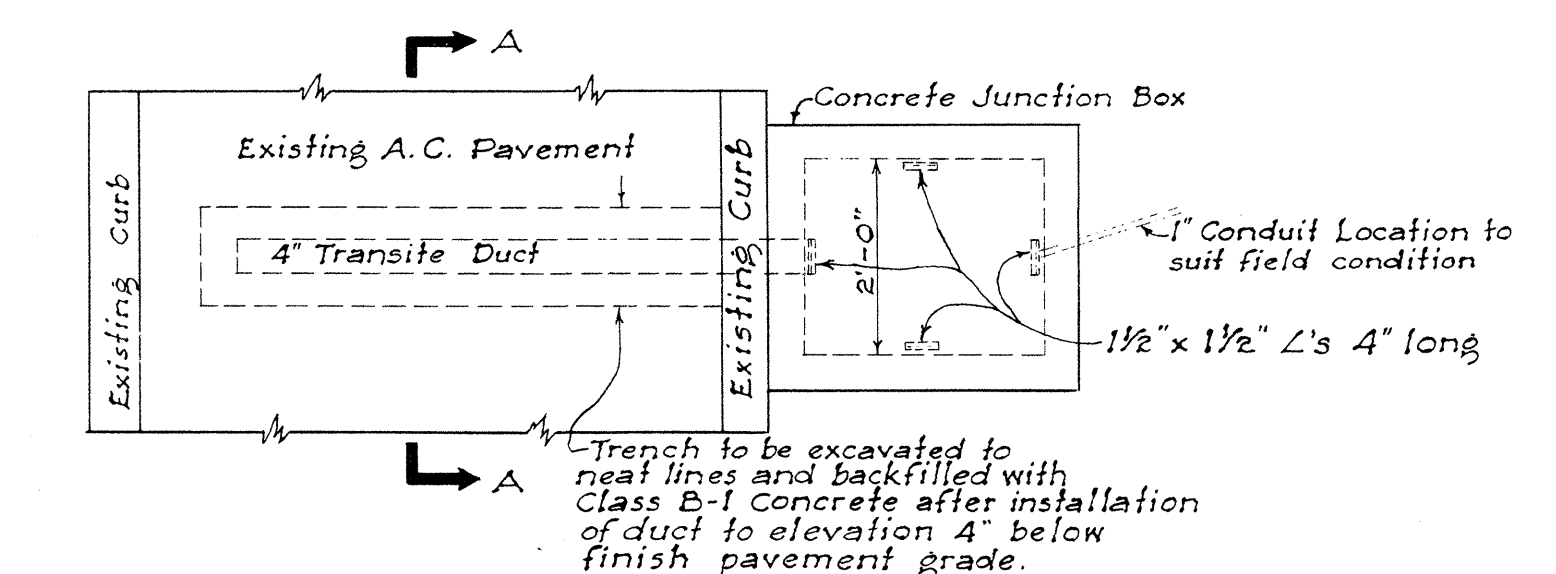
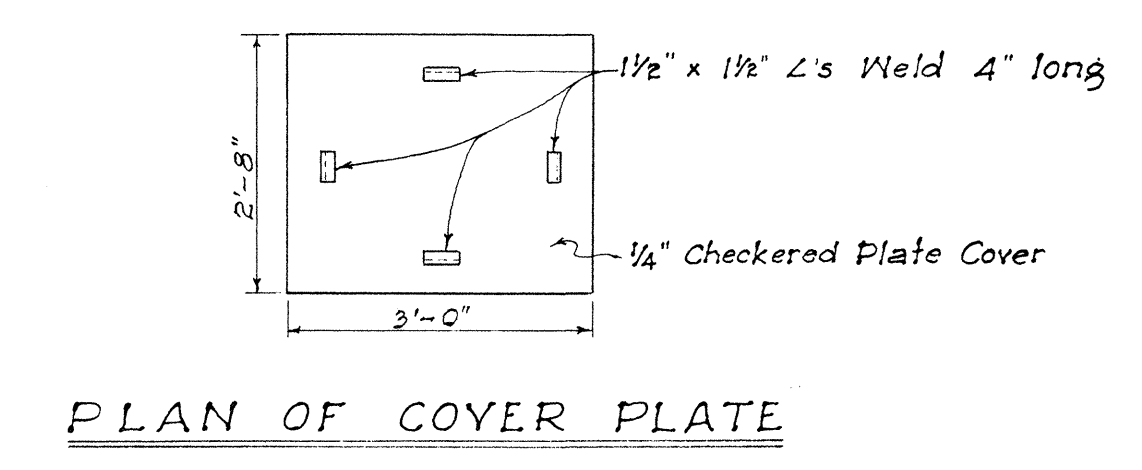
| Diameter of Pipe in inches | Length of Struts in inches | Spacing of Struts in ft. for Various Heights |                |                 |                 |               |
|----------------------------|----------------------------|----------------------------------------------|----------------|-----------------|-----------------|---------------|
|                            |                            | FILL 1' to 5'                                | FILL 5' to 10' | FILL 10' to 20' | FILL 20' to 30' | FILL Over 30' |
| 48                         | 38 3/8                     | -                                            | -              | -               | 6               | 4             |
| 54                         | 44 3/4                     | 6                                            | 6              | 6               | 6               | 4             |
| 60                         | 51                         | 6                                            | 6              | 6               | 6               | 4             |
| 66                         | 57 1/4                     | 6                                            | 6              | 6               | 6               | 4             |
| 72                         | 63 3/8                     | 6                                            | 6              | 6               | 5               | 3.5           |
| 78                         | 69 1/2                     | 6                                            | 6              | 6               | 4.5             | 3.5           |
| 84                         | 76 1/4                     | 6                                            | 6              | 6               | 4               | 3             |

NOTE: Length of Struts are based on 4"x4" timbers which is the minimum size recommended. If larger sills or compression caps are used, length of struts should be changed accordingly.

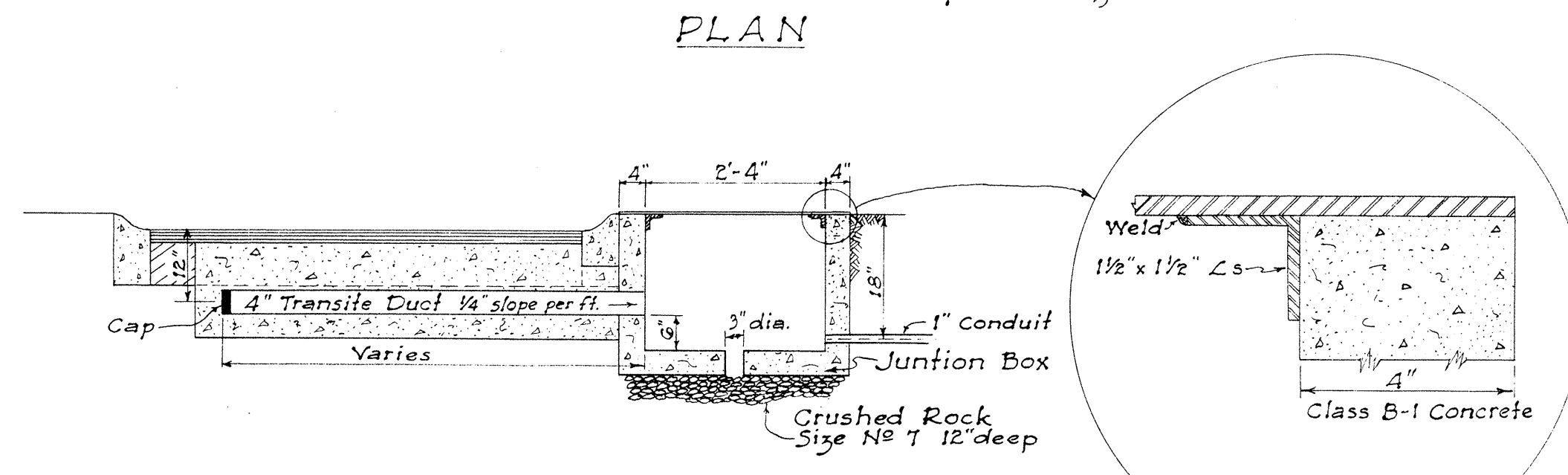
of adjacent sections located within the limits of new improvements should be moved to the termini of the new work.

The same procedure would be followed on each successive improvement until all markers for letter designated sections are eventually eliminated.

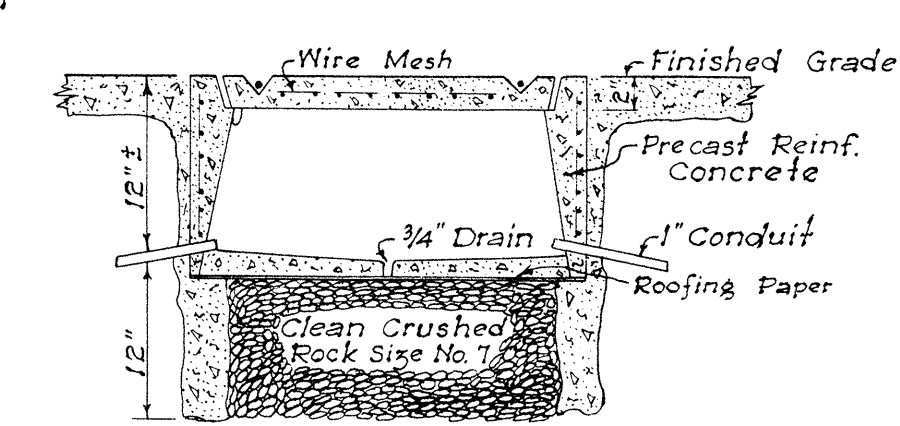
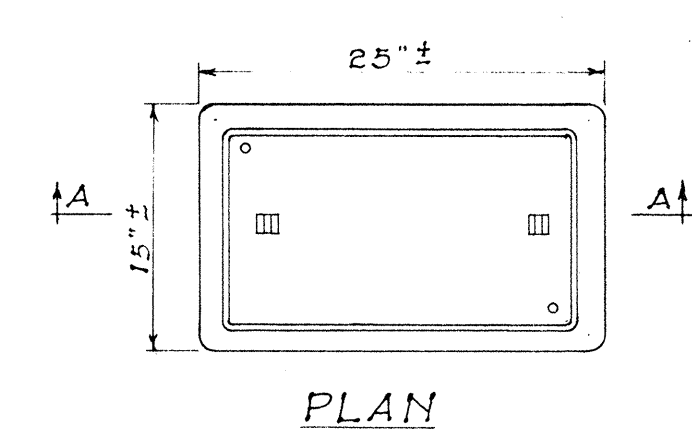
METHOD OF MARKING F.A. PROJECTS AT OVERLAPS (USING NUMBER SUFFIX ON NEW WORK)



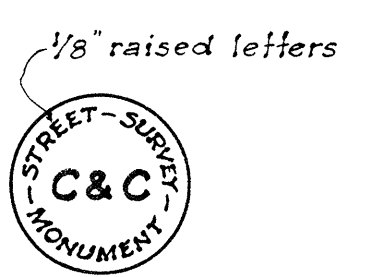
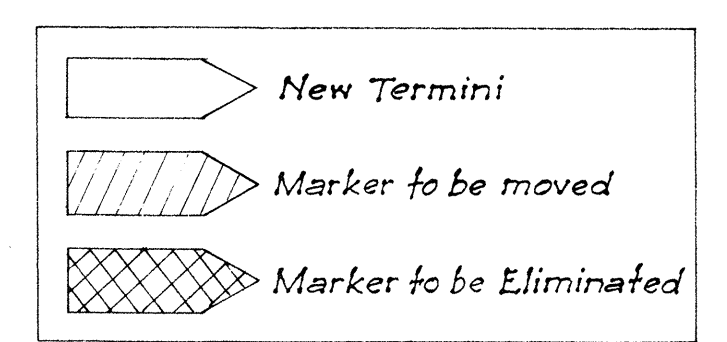
SECTION "A-A"



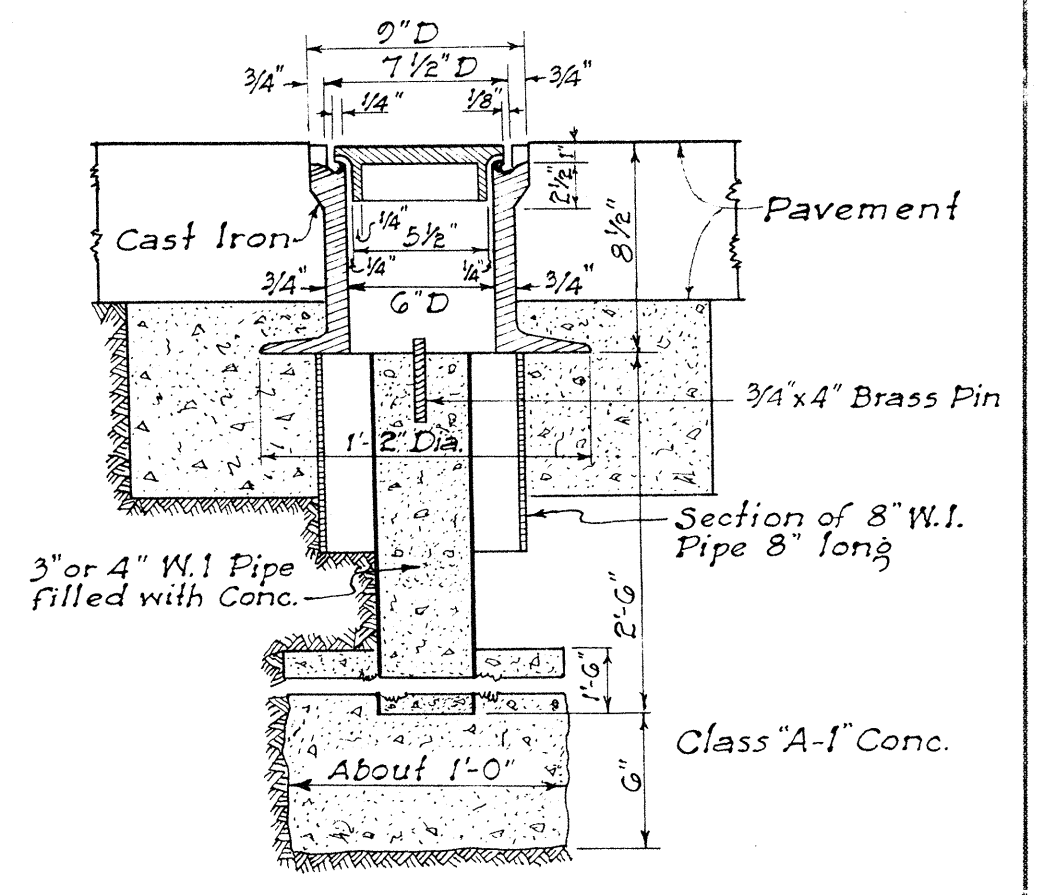
TYPICAL ROAD SECTION SHOWING TRAFFIC DETECTOR JUNCTION BOX AND DUCT



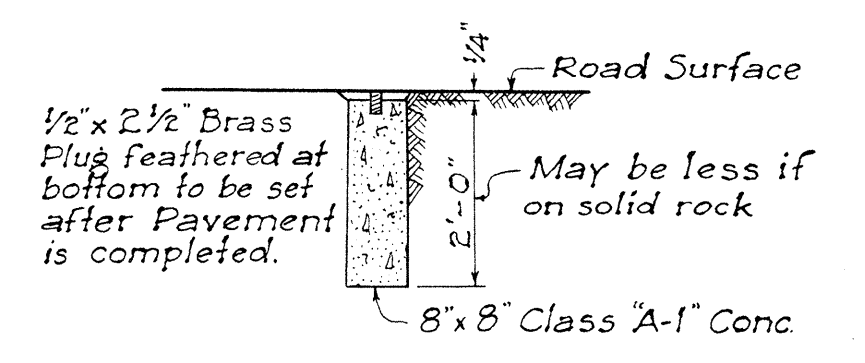
DETAIL OF PULL BOX  
Scale: 1" = 1'-0"



PLAN OF TOP



STANDARD C&C STREET SURVEY MONUMENT



CENTER LINE MONUMENT  
Scale: 1/2" = 1'-0"

