Signal Heads Not Active In Passive State

Weathertight Cap

Two 8" Signal Heads (Yellow Lens)

Slip Fit Collar

Signal Heads Flashing Alternately In Active State

Sign No. W10-1 (36")

4" Aluminum Pipe

4" Aluminum Pipe (0.188" Wall Thickness)

Yellow

Stationary Background To Form A Portion Of Distance Message When "STOP AHEAD" sign Is In Closed Mode.

OOO FEET

Stationary Background To Form A Portion Of "STOP AHEAD" Sign In Open Mode.

Sign Control Wiring To Be As Recommended By Manufacturer

Flasher Cabinet (Signal Flasher, Manual Test Switch; Normally Closed, Push Button, Control Relay)

Pulling Elbow (Type LB) (2" ID Min.)

Install Bushing To Protect Wires From Chafing

Folding Sign Control System (Closed)

2' Std.
1' Min.

Shoulder

Grade At Edge Of Travel Way

FRONT VIEW

PASSIVE STATE
(TRAIN CIRCUIT NOT ACTUATED)

SIDE VIEW

STOP AHEAD

36"

1"

1"

10'

8" Letter (Series "C")

30"

Folding Sign Control System (Open)

30"

4" Min.

4" Min. & Std.

Class I Concrete

30"

18"

Pull Box

Crushed Rock

1" PVC Conduit

FRONT VIEW

ACTIVE STATE
(TRAIN CIRCUIT ACTUATED)

NOTE:
1. "STOP AHEAD" is standard and preferred sign message.

Another message may be approved when appropriate for specific situations.

LOCATION OF THE ADVANCE WARNING SIGN

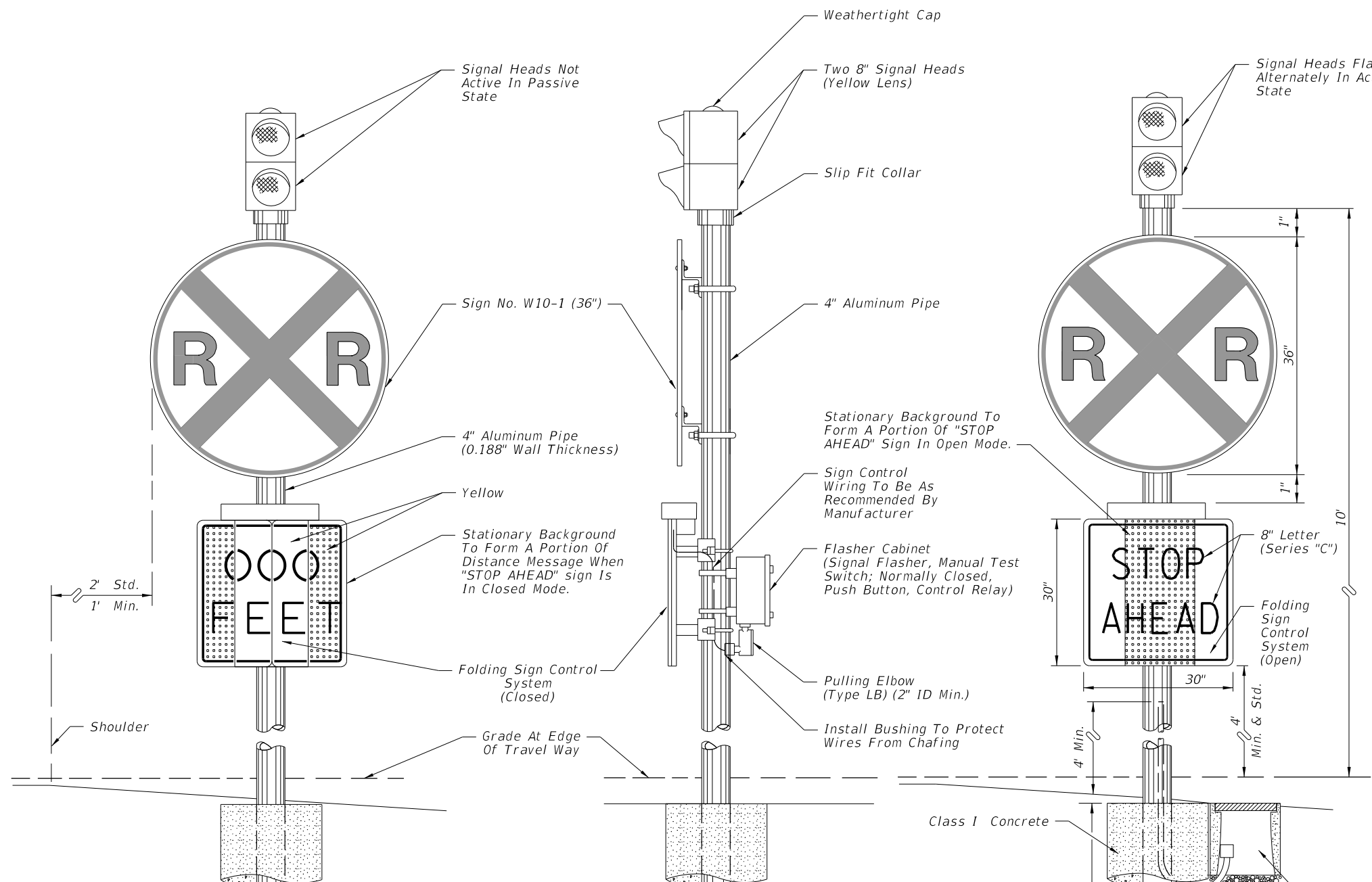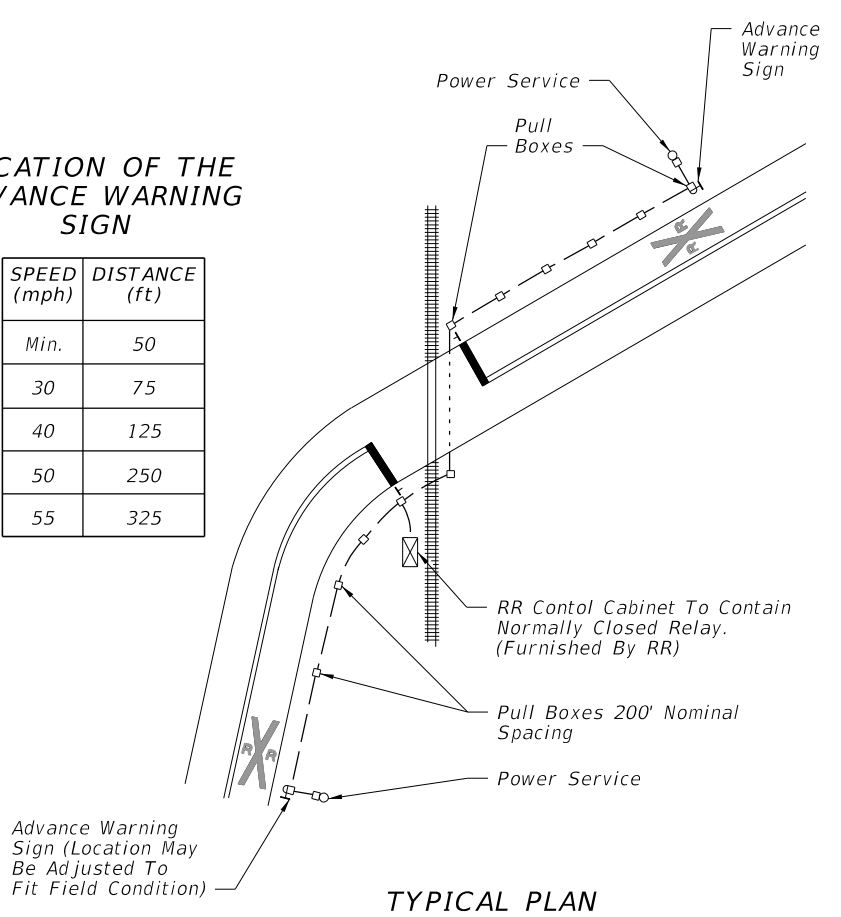| SPEED (mph)	DISTANCE (ft)
Min.	50
30	75
40	125
50	250
55	325

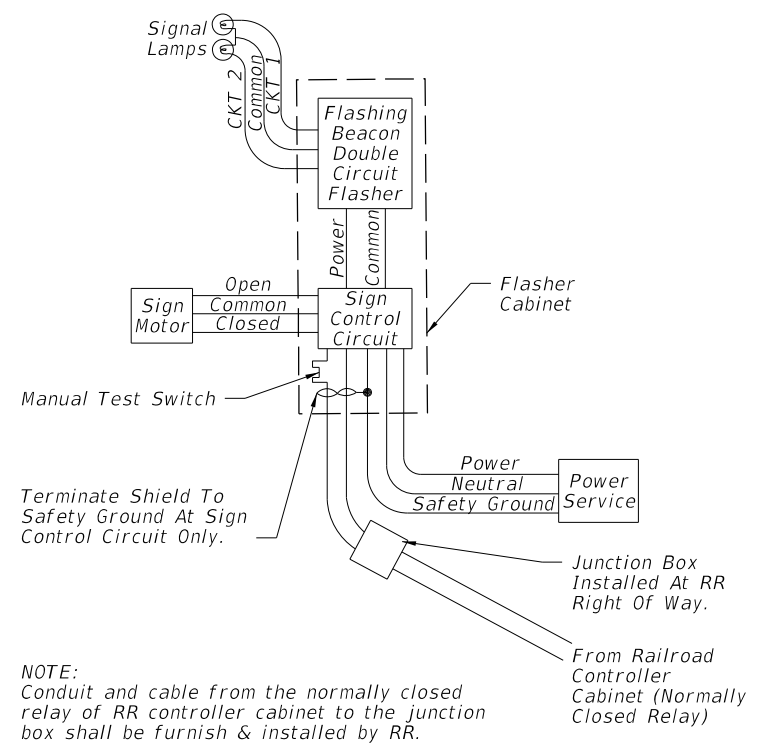The Distance Is Measured Along Right Edge Of Pavement From RR Stop Bar To Sign Advance Warning Sign.

Advance Warning Sign

Power Service

Pull Boxes

RR Contol Cabinet To Contain Normally Closed Relay. (Furnished By RR)

Pull Boxes 200' Nominal Spacing

Power Service

Advance Warning Sign (Location May Be Adjusted To Fit Field Condition)

TYPICAL PLAN

Signal Lamps

CKT 2 Common
Common CKT 1

Flashing Beacon Double Circuit Flasher

Power Common

Sign Motor

Open Common Closed

Sign Control Circuit

Flasher Cabinet

Manual Test Switch

Power Neutral Safety Ground

Power Service

Terminate Shield To Safety Ground At Sign Control Circuit Only.

Junction Box Installed At RR Right Of Way.

From Railroad Controller Cabinet (Normally Closed Relay)

NOTE:
Conduit and cable from the normally closed relay of RR controller cabinet to the junction box shall be furnish & installed by RR.

FUNCTIONAL BLOCK DIAGRAM

11/30/2015   1:01:43 PM