GENERAL NOTES:
1. Install sign assemblies based on Alpha-Numeric Type designation shown in the Plans (e.g., Type A1). Assembly Type is based on Power Configuration 'A' Identification shown above and Numerical Identification shown on Sheet 3 thru 8.

2. Install sign panel and wind beam in accordance with Index 700-010 and Specification 700.

3. Engage all threads on the transformer base and post unless the aluminum post is fully seated into base.

4. Meet the requirements of Specification 646 for aluminum poles and transformer bases.

5. Install a concrete slab around all roadside assemblies on slopes 6:1 or greater. The minimum slab dimension is 4'-0" by 5'-0".

6. When wire entry holes are drilled in the sign column, use a bushing or rubber grommet to protect conductors.

POWER CONFIGURATION 'A' NOTES:
1. Install a separate pole for mounting the solar panel, controller and batteries for all roadside assemblies with solar panels, controllers and batteries weighing more than 170 lbs.

2. Install the auxiliary pole as close to the right of way boundary as possible.

3. Install the auxiliary pole so that the height is the same as the column for the roadside assembly.

4. Orient solar panel to face South for optimal exposure to sunlight.

5. The controller and the solar batteries may be located in the same compartment.

POWER CONFIGURATION 'B' NOTES:
1. Install a separate pole for mounting the solar panel, controller and batteries for all roadside assemblies with solar panels, controllers and batteries weighing more than 170 lbs.

2. Install the auxiliary pole as close to the right of way boundary as possible.

3. Install the auxiliary pole so that the height is the same as the column for the roadside assembly.

4. Orient solar panel to face South for optimal exposure to sunlight.

5. The controller and the solar batteries may be located in the same compartment.

TABLE OF CONTENTS:

<table>
<thead>
<tr>
<th>Sheet</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>General Notes and Contents</td>
</tr>
<tr>
<td>2</td>
<td>Conduit Wiring and Foundation Details</td>
</tr>
<tr>
<td>3</td>
<td>Roadside Sign Assembly-1</td>
</tr>
<tr>
<td>4</td>
<td>Roadside Sign Assembly-2</td>
</tr>
<tr>
<td>5</td>
<td>Roadside Sign Assembly-3</td>
</tr>
<tr>
<td>6</td>
<td>Roadside Sign Assembly-4</td>
</tr>
<tr>
<td>7</td>
<td>Roadside Sign Assembly-5</td>
</tr>
<tr>
<td>8</td>
<td>Roadside Sign Assembly-6</td>
</tr>
<tr>
<td>9</td>
<td>Roadside Sign Assembly-7</td>
</tr>
<tr>
<td>10</td>
<td>Overhead Sign Assembly</td>
</tr>
</tbody>
</table>
CONDUIT, WIRING, AND FOUNDATION DETAILS

DETAIL "A"

- Nominal 4" (Sch. 40) Aluminum Transformer Base
- #6 Ground Wire
- Strain Relief Fitting
- Concrete Apron (Typ.)
- #6 Ground Wire
- Pull Box
- Circuit Conductors
- in Schedule 40 PVC
- Relief
- Strain

C. For Power Service or Auxiliary Pole

U.L. Approved Ground Rod

1/4" Diameter 20' Long Copper
Clad with Approved Ground Connection (At all Pull Boxes)

DETAIL "B"

- Nominal 4" (Sch. 40) Aluminum Transformer Base
- #6 Ground Wire
- Strain Relief Fitting
- Conduit for Future Use
- Grounding Lug
- Cap Conduit
- 12" Bed of Pearock or Crushed Stone For Drainage.

Nominal 4" (Sch. 40) Aluminum Conduit

Concrete Apron (Typ.)

1'-0" X 18" Anchor Bolts

1/4" Diameter 20' Long Copper Clad with Approved Ground Connection (At all Pull Boxes)
WARNING

Sign Panel (48" x 48")

12" Yellow Flashing Beacon

WHEN

FLASING

W-16-13P (24" x 18") Sign
(When Shown in Plans)

Nominal 4" (Sch. 40) Aluminum

Beacon Controller

NOTE:
Type A1 Assembly (conventionally-powered) is shown.
Type B1 Assemblies (solar-powered) similar.

FRONT VIEW

SIDE VIEW
Nominal 4" (Sch. 40) Aluminum

NOTE:
LIMIT SPEED SCHOOL FLASHING WHEN 20
Beacon Controller

12" Yellow Flashing Beacon

SCHOOL SPEED LIMIT 20 OR 15
WHEN FLASHING

55-1 (24" x 48") Sign

SPEEDING FINES DOUBLED

FFP-38-06 (24" x 30") Sign

Nominal 4" (Sch. 40) Aluminum

To Pull Box

See Index 700-120

NOTE:
Type A2 Assembly (conventionally-powered) is shown.
Type B2 Assemblies (solar-powered) similar.
NOTES:

1. Type A3 Assembly (conventionally-powered) is shown. Type B3 Assemblies (solar-powered) similar.

2. Use electronic speed feedback sign with 15" high numerals for posted speed of 45 mph or less, and 18" high numerals for posted speeds greater than 45 mph.
NOTE:
Type A4 Assembly (conventionally-powered) is shown.
Type B4 Assemblies (solar-powered) similar.
NOTES:
1. Type A5 Assembly (conventionally-powered) is shown. Type B5 Assemblies (solar-powered) similar.
2. Use electronic speed feedback sign with 15’ high numerals for posted speed of 45 mph or less, and 18’ high numerals for posted speeds greater than 45 mph.
NOTES:

1. Type A6 Assembly (conventionally-powered) is shown. Type B6 Assemblies (solar-powered) similar.

2. Use electronic speed feedback sign with 15" high numerals for posted speed of 45 mph or less, and 18" high numerals for posted speeds greater than 45 mph.
NOTES:
1. Type A7 Assembly (Conventionally-Powered) is shown. Type B7 Assemblies (Solar-Powered) Similar.
2. Install cameras, point to point microwave link, microwave detectors, and antennas in accordance with the manufacturer's instructions.