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 'Alpha' 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 flashing beacon 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 'B' NOTES:
1. Install a separate pole for mounting the solar panel, controller and batteries for all flashing beacon 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 beacon 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>Overhead Sign Assembly</td>
</tr>
</tbody>
</table>
CONDUIT, WIRING, AND FOUNDATION DETAILS

DETAIL "A"

Nominal 4" (Sch. 40) Aluminum
Transformer Base
#6 Ground Wire
Grounding Lug
1/2" x 18" Anchor Bolts
Concrete Apron (Typ.)
Finished Grade
Connection (At all Pull Boxes)
O.D. Pole, Non-Fused, Watertight, Breakaway Electrical Connectors
One-Pole, Non-Fused, Watertight, Breakaway Electrical Connectors
Circuit Conduits & Fittings: All PVC
Circuit Conductors and Conduit Spec as Shown in Plans
( Typical)
To Power Service or Auxiliary Pole
1/2" Diameter 20' Long Copper Clad with Approved Ground Connection (At all Pull Boxes)
U.L. Approved Ground Rod

DETAIL "B"

Nominal 4" (Sch. 40) Aluminum
Transformer Base
#6 Ground Wire
Grounding Lug
1/2" x 18" Anchor Bolts
Cap Conduit
Conduit for Future Use
Circuit Conduits & Fittings: All PVC
Circuit Conductors and Conduit Spec as Shown in Plans
( Typical)
12" Yellow Flashing Beacon

Sign Panel (48'' x 48'')

WARNING SIGN

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

Nominal 4" (Sch. 40) Aluminum

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

FRONT VIEW

SIDE VIEW

ROADSIDE SIGN ASSEMBLY-1
12" Yellow Flashing Beacon

SCHOOL SPEED LIMIT 20 OR 15 WHEN FLASHING

S5-1 (24" x 48") Sign

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

Nominal 4" (Sch. 40) Aluminum

Beacon Controller

NOTE:
Type A2 Assembly (conventionally-powered) is shown. Type B3 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.
Nominal 4" (Sch. 40) Aluminum

NOTE:

20
OR
15

See Index 700-101

Doubled Fining

SCHOOL

SPEED LIMIT

20 OR 15

WHEN FLASHING

SPEEDING FINES

Doubled

FTP-38-06 (24" X 30") Sign

Highlighted Sign Controller

Nominal 4" (Sch. 40) Aluminum

To Pull Box

FRONT VIEW

SIDE VIEW

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.
OVERHEAD SCHOOL SIGN ASSEMBLY

NOTES:
1. Flasher unit and cabinet to be placed on the strain pole supporting overhead sign assembly or on service pole. The flasher unit not to overhang private property or sidewalk.
2. Optional flashing beacon will be called for in Plans. They may be placed within or below the panel, or face to the rear.