



# CS36-FM Installation Drawings

Please refer to "Site Selection Guidelines" and "Signage Documents"

## Suggested Installation Materials:

- Equipment to saw cut installation trench, shovels, (3) Three concrete blocks, 12 to 16 bags of premix cement, Allen wrench, 3' straight edge, Trowel to finish cement, bag of pea gravel.
- The CS36-FM should be installed in a location where the vehicles approach and cross the unit at 90°
- If the vehicles will be crossing the CS36-FM in excess of 5 M.P.H., a speed bump and/or a Rumble Strip must be installed.
- Saw cut the installation hole no less than (See Figure #1) across and 36" wide and 11" deep.

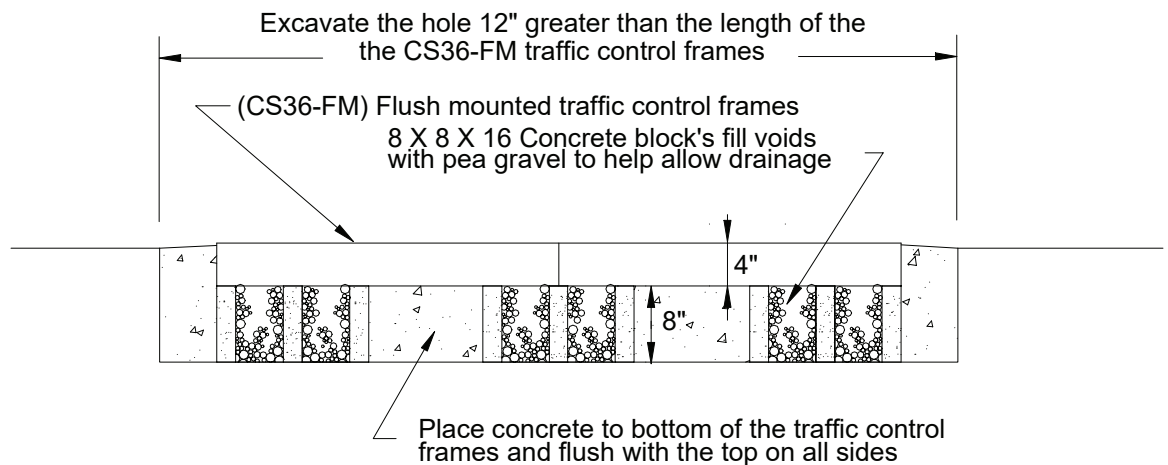


Figure # 1

- Remove the Top plate bolts from the CS36-FM and remove the Three top plates and place them to the side.
- Place and center the CS36-FM container box (frame) atop the two concrete blocks. A straight edge will be useful to determine when the box is  $\frac{1}{2}$ " to  $\frac{3}{4}$ " above the finish grade of the asphalt. (See Figure # 2)

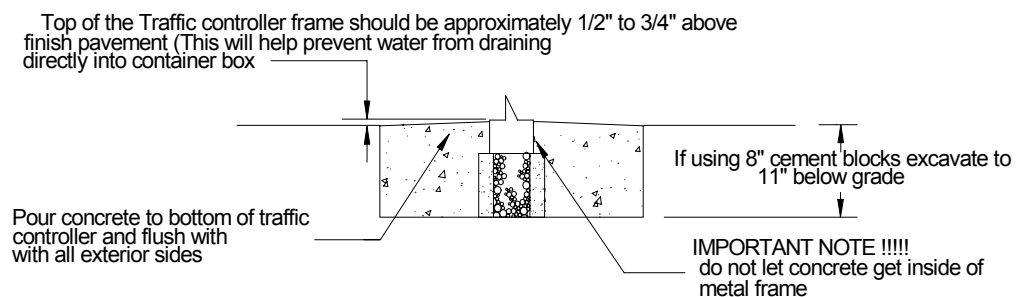


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- Fill the excavated trench with cement to the bottom of the CS36-FM container box and flush with the top on all sides. Care should be taken that **NO CONCRETE IS PLACED INSIDE THE BOX FRAME ABOVE THE BOTTOM FLANGE**. As this WILL (VOID) any warranties and damage the unit. Be sure that no cement is allowed to fall into the concrete block holes, these holes will be used for drainage.



**Figure # 2**

- Finish filling the hole around the outside of the container until the cement is even with the top of the container box and the top of the asphalt.
- When the cement has begun to set up, fill the concrete block holes with pea gravel to prohibit debris from entering the hole.
- Allow the concrete to cure, and then reinstall the top plates. If needed use a screwdriver to align the container box with the holes in the top plate if they do not align when reinstalling the top plates.