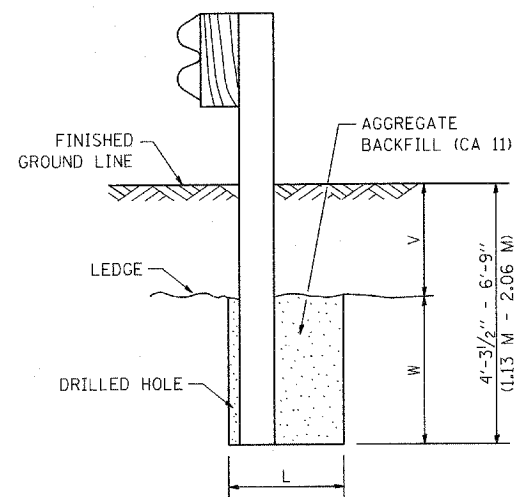


PLAN

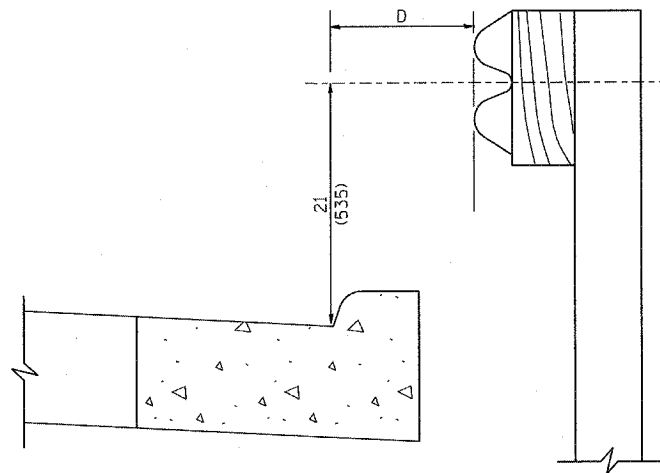


NOTE:

LEDGE LINE IS TOP OF ROCK LEDGE OR HARD SLAG FILL.

ELEVATION

FOOTING FOR POST WHEN IMPERVIOUS MATERIAL IS ENCOUNTERED



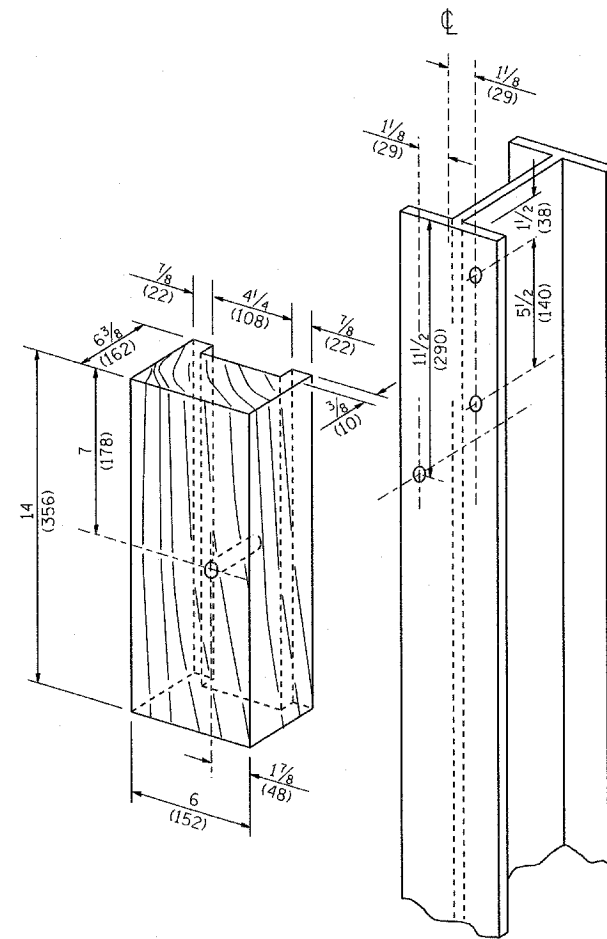
NOTE:

IF IT IS NECESSARY FOR D TO BE MORE THAN 12 (300) AND LESS THAN 10'-0" (3.0 M) TYPE M-2 (M-5) CURB AND GUTTER (STD. 606001) SHALL BE USED IN FRONT OF AND IN ADVANCE OF THE GUARDRAIL.

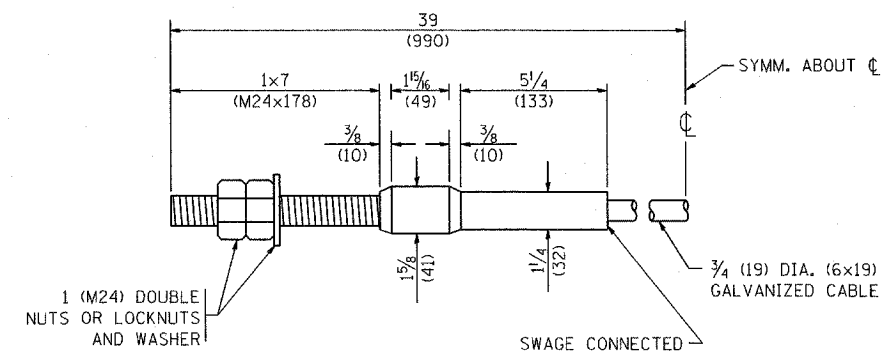
GUARDRAIL PLACED BEHIND CURB

(D = 0 DESIRABLE TO 12 (300) MAXIMUM)

| V                                | W                   | L           |             |
|----------------------------------|---------------------|-------------|-------------|
|                                  |                     | STEEL POST  | WOOD POST   |
| 0 - 18<br>(0 - 460)              | 24<br>(610)         | 21<br>(530) | 23<br>(580) |
| >18 - 41.5<br>(> 460 - 825)      | 12<br>(305)         | 8<br>(203)  | 10<br>(250) |
| >41.5 - 53.5<br>(> 825 - 1.13 M) | 12 - 0<br>(350 - 0) | 8<br>(203)  | 10<br>(250) |



WOOD BLOCK-OUT AND STEEL POST DETAILS



CABLE ASSEMBLY

(40,000 LBS (18,100 KG) MIN. BREAKING STRENGTH)  
TIGHTEN TO TAUT TENSION

FILE NAME =  
W:\diststd\22x34\bm21.dgn

USER NAME = geglennobt  
PLOT SCALE = 50.0000 / IN.  
PLOT DATE = 1/4/2008

DESIGNED -  
DRAWN -  
CHECKED -  
DATE -

REVISED - 10-31-06  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REMOVE AND REERECT  
STEEL PLATE BEAM GUARDRAIL  
SCALE: NONE SHEET NO. 4 OF 4 SHEETS STA. TO STA.

|   |             |        |                    |           |
|---|-------------|--------|--------------------|-----------|
| F.A. & RTE.                                     | SECTION     | COUNTY | TOTAL SHEETS       | SHEET NO. |
| 332   | 0312-708W-I | Cook   | 17                 | 13        |
| BM-21   |             |        | CONTRACT NO. 60N81 |           |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |             |        |                    |           |