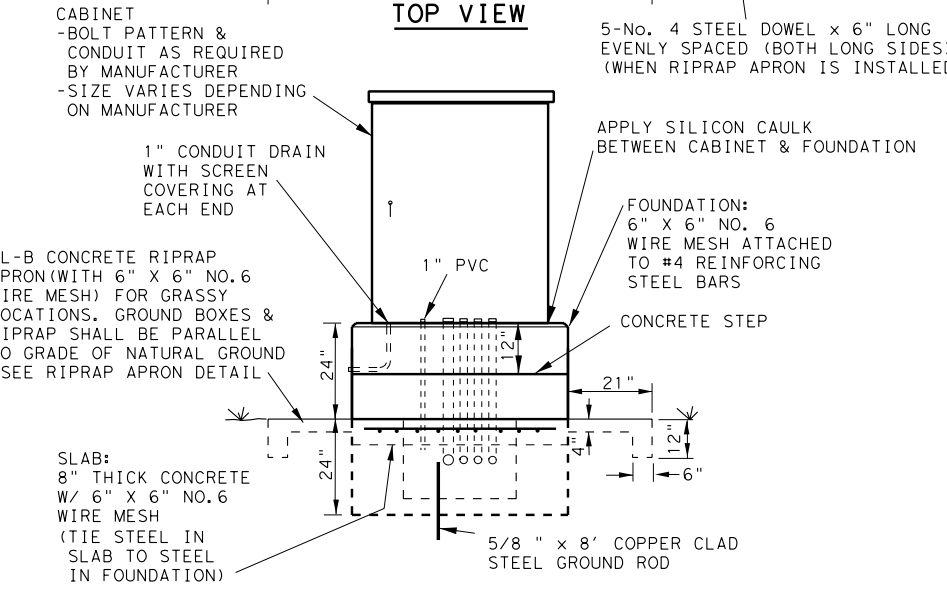
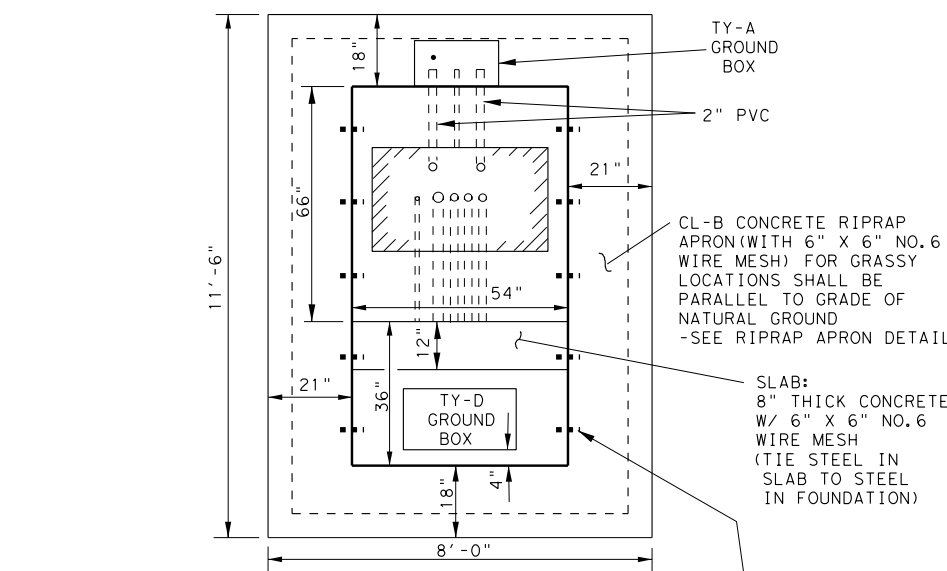


ASPHALT PAVEMENT CONDUIT SHALL BE SURROUNDED BY MINIMUM 2" OF CONCRETE

CONCRETE PAVEMENT CONDUIT SHALL BE SURROUNDED BY MINIMUM 2" OF CONCRETE

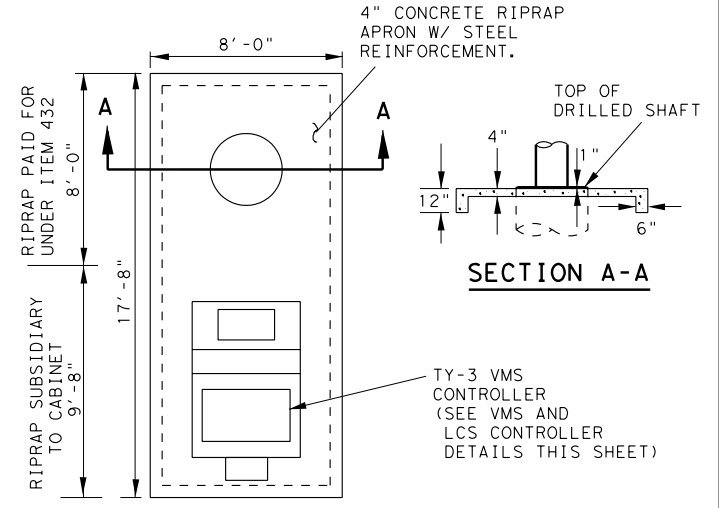
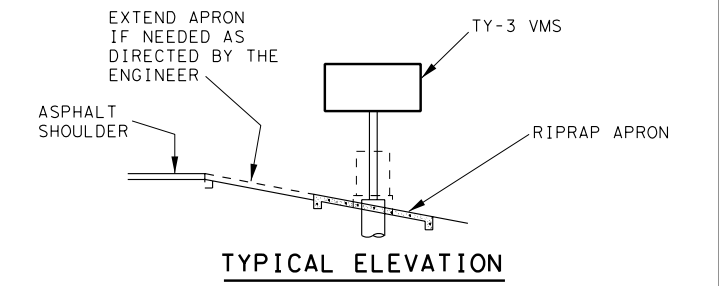
NATURAL GROUND CONCRETE TO BE TESTED AS MISCELLANEOUS CONCRETE. WIDTH OF TRENCH SHALL BE 8" FOR SINGLE CONDUIT AND 12" FOR 2 OR MORE 2" CONDUITS

TRENCH DETAILS (LATERALS)



VMS AND LCS CONTROLLER DETAILS (NOT TO SCALE)

- CONCRETE PAD, RIPRAP APRON, CONCRETE STEP, AND CONDUIT TO VMS OR LCS CONTROLLER SHALL BE PAID FOR UNDER ITEM "FIBER OPTIC VARIABLE MESSAGE SIGN SYSTEM - VMS CABINET FOUNDATION" OR "LANE CONTROL SYSTEM - LCS CABINET FOUNDATION".
- TY-A AND TY-D GROUND BOXES SHALL BE PAID FOR UNDER ITEM 624 "GROUND BOXES".
- CABINETS SHALL NOT BE PLACED IN DITCHES, LOW AREAS, ETC. WHERE WATER MAY ENTER STRUCTURE.
- FOR CABINETS WITH FRONT AND REAR DOORS, A CONCRETE STEP AS SHOWN ABOVE SHALL BE FABRICATED AT REAR DOOR SIDE ALSO. TY-A GROUND BOX SHALL BE MOVED AND RIPRAP EXTENDED FOR ADDITIONAL STEP.



NOTE: TY-3 CONTROLLER CABINET RIPRAP APRON SHALL BE EXTENDED TO INCLUDE AN 8' X 8' PORTION (EST. AT 1.25 CU YDS) SURROUNDING THE TY-3 VMS POLE. PORTION SURROUNDING THE TY-3 POLE SHALL BE PAID FOR UNDER ITEM 432 "RIPRAP".

TY-3 VMS RIPRAP APRON DETAIL

- CLASS "B" CONCRETE RIPRAP TO BE PLACED AS SHOWN IN DETAILS AND APPROVED BY THE ENGINEER. RIPRAP SHALL BE PAID FOR UNDER ITEM 432 "RIPRAP"
- APRON SHALL BE INSTALLED AT GRASSY LOCATIONS.

- NOTES:**
- AT LOCATIONS WHERE 2 OR MORE CONTROLLER FOUNDATIONS ARE IN CLOSE PROXIMITY, ONE COMMON RIPRAP APRON SHALL SURROUND ALL FOUNDATIONS.
 - AT LOCATIONS WHERE CONTROLLER FOUNDATIONS ARE PLACED NEXT TO AN OVERHEAD SIGN BRIDGE LEG FOUNDATION, ONE COMMON RIPRAP APRON SHALL SURROUND ALL FOUNDATIONS.
 - A BEAD OF SILICON CAULK SHALL BE APPLIED TO THE MATING SURFACE OF THE CABINET AND THE FOUNDATION.

CABINET FOUNDATION DETAILS

© 2004 Texas Department of Transportation

| | | |
|-------------------|-------------------------|-------------|
| FED. RD. DIV. NO. | FEDERAL AID PROJECT NO. | SHEET NO. |
| 6 | | |
| STATE | DIST. | COUNTY |
| TEXAS | SAT | BEXAR |
| CONT. | SECT. | JOB |
| | | HIGHWAY NO. |

3-24-04

LEVELS DISPLAYED

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |

ACC: 11/11/04 11/11/04 11/11/04 11/11/04 11/11/04 11/11/04 11/11/04 11/11/04 11/11/04 11/11/04 11/11/04 11/11/04 11/11/04 11/11/04 11/11/04 11/11/04

FILE: .DGN

FTM: \standard\cabfoundat1 on.dgn

TYPICAL COMMUNICATION CABINET

(NOT TO SCALE)

- DETAILS OF ANCHOR BOLT LOCATION TO BE FURNISHED BY THE CABINET MANUFACTURER.
- DIMENSIONS SHOWN FOR CONCRETE BASE SHALL BE SUBJECT TO MODIFICATION TO FIT REQUIRED CABINET TYPE AS DIRECTED BY THE ENGINEER.
- ALL CONCRETE TO BE CLASS "A" EXCEPT CONCRETE RIPRAP APRON.
- THE CONTRACTOR SHALL FURNISH ANY ADDITIONAL CONCRETE WHICH MAY BE NECESSARY TO STABILIZE FOUNDATION AT UNUSUAL LOCATIONS.
- CONCRETE PAD, RIPRAP APRON, CONCRETE STEP, AND CONDUIT FROM MANHOLE TO CABINET SHALL BE PAID FOR UNDER ITEM "TY-2 COMMUNICATION CABINET - TY-2 CABINET FOUNDATION"
- TY-A GROUND BOX SHALL BE PAID FOR UNDER ITEM 624 "GROUND BOXES".
- TY-B MANHOLE SHALL BE PAID FOR UNDER ITEM 465 "MANHOLES AND INLETS".
- CABINETS SHALL NOT BE PLACED IN DITCHES, LOW AREAS, ETC. WHERE WATER MAY ENTER STRUCTURE.
- FOR CABINETS WITH FRONT AND REAR DOORS, A CONCRETE STEP AS SHOWN ABOVE SHALL BE FABRICATED AT REAR DOOR SIDE ALSO. TY-A GROUND BOX SHALL BE MOVED AND RIPRAP EXTENDED FOR ADDITIONAL STEP.

PLAN