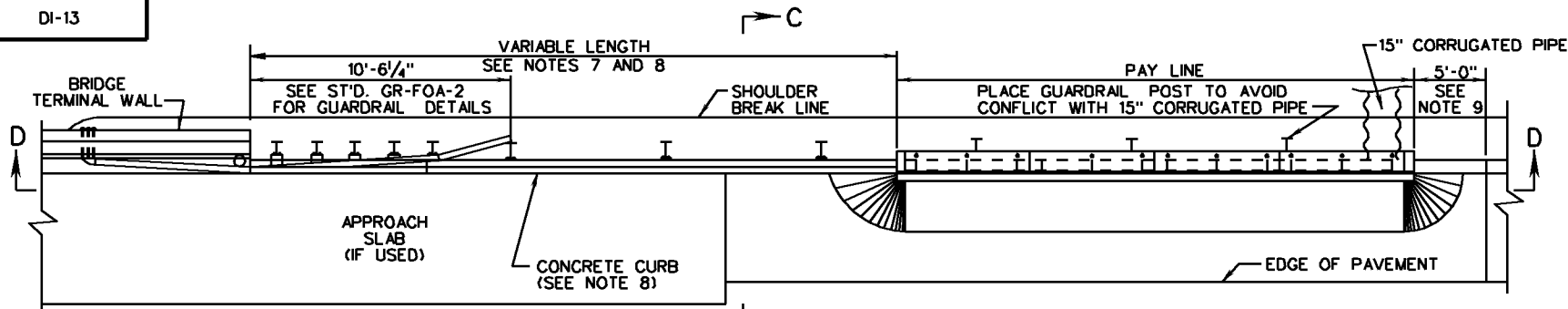
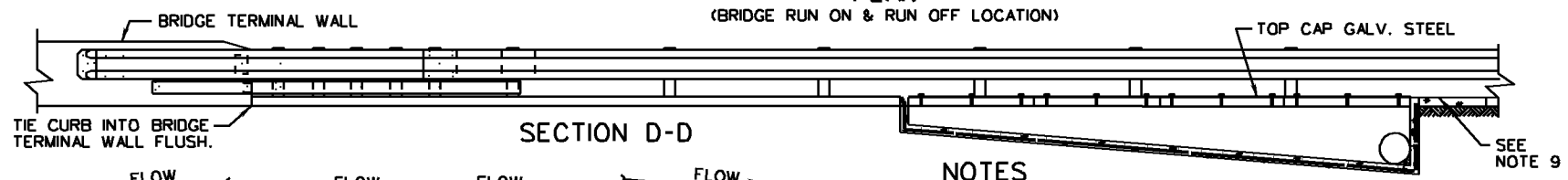


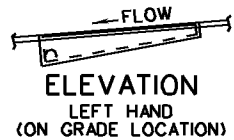
DI-13



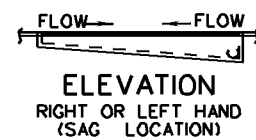
PLAN
(BRIDGE RUN ON & RUN OFF LOCATION)



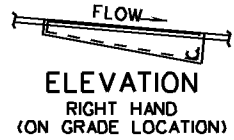
SECTION D-D



ELEVATION
LEFT HAND
(ON GRADE LOCATION)



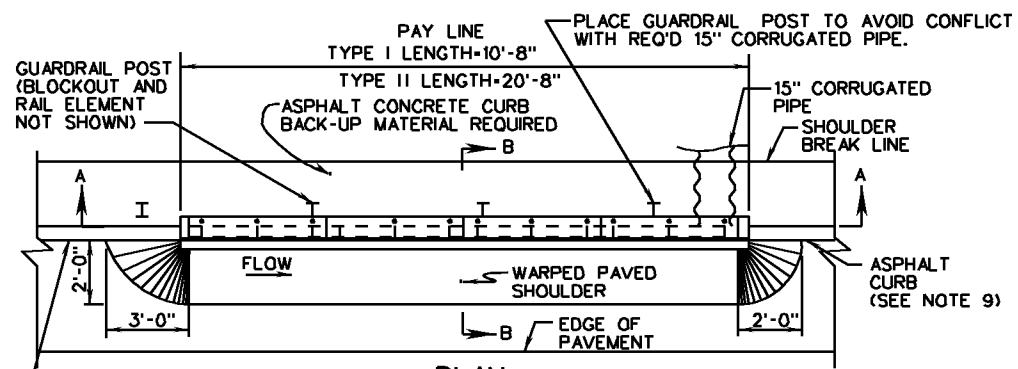
ELEVATION
RIGHT OR LEFT HAND
(SAG LOCATION)



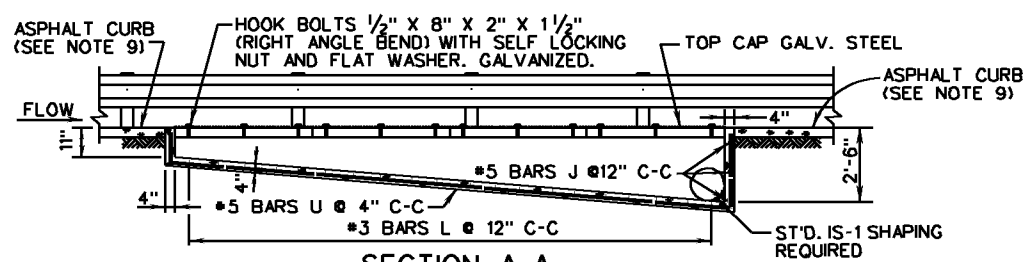
ELEVATION
RIGHT HAND
(ON GRADE LOCATION)

NOTES

1. THIS UNIT MAY BE PRECAST OR CAST IN PLACE. CAST IN PLACE CONCRETE IS TO BE CLASS A3 (3000 PSI). PRECAST CONCRETE IS TO BE 4000 PSI.
2. ALL REINFORCING STEEL IS TO BE GRADE 60.
3. PIPES ARE TO BE PLACED ON THE DOWN GRADE OR LOWER END OF INLET.
4. PRECAST UNITS MUST BE FURNISHED WITH PIPES PLACED TO THE RIGHT OR LEFT ACCORDING TO THE FLOW DOWN GRADE, WHEN FACING THE INLET FROM THE CENTER OF THE ROAD.
5. WHEN THIS INLET IS USED IN A SAG LOCATION EITHER A RIGHT HAND OR A LEFT HAND UNIT MAY BE USED.
6. BACKFILL TO BE PLACED AND COMPACTED IN ACCORDANCE WITH SECTION 303.09 OF THE ROAD AND BRIDGE SPECIFICATIONS.
7. DI-13 STRUCTURE SHALL BE LOCATED A MINIMUM OF 11 FEET FROM THE END OF THE BRIDGE TERMINAL WALL. IN LOCATIONS THAT INCLUDE AN APPROACH SLAB EXTENDING BEYOND THE END OF THE BRIDGE TERMINAL WALL, THE DI13 STRUCTURE SHALL BE PLACED A MINIMUM OF 5 FEET BEYOND THE END OF THE APPROACH SLAB.
8. STANDARD CG-3 CONCRETE CURB SHALL BE PLACED FROM THE END OF THE INLET TO THE BEGINNING OF THE BRIDGE TERMINAL WALL. ASPHALT CONCRETE CURB BACK UP MATERIAL SHALL BE PLACED BEHIND CG-3 AS SHOWN IN SECTION C-C. THE COST OF CG-3 CURB AND ASPHALT CONCRETE CURB BACK UP MATERIAL SHALL BE PAID FOR SEPERATELY FROM THE DI-13 STRUCTURE.
9. STANDARD MC-3B ASPHALT CURB SHALL BE EXTENDED 5 FEET PAST THE END OF THE INLET AND TRANSITION DOWN TO GRADE LEVEL. LONGER LENGTHS OF CURB MAY BE NEEDED BEYOND THIS LIMIT AND THEN TRANSITIONED DOWN IN 5 FEET. SEE THE ROADWAY PLANS FOR THE REQUIRED LENGTH OF CURB. THE COST OF MC-3B CURB AND ASPHALT CONCRETE CURB BACKUP MATERIAL SHALL BE PAID FOR SEPERATELY FROM THE DI-13 STRUCTURE.
10. FOR DETAILS OF SLOT INLET AND PIPE INSTALLATION, SEE SECTION B-B ON SHEET 2 OF 2.



PLAN
(ROADWAY LOCATION)



SECTION A-A

| | |
|---------------------------|---------------|
| VDOT | |
| ROAD AND BRIDGE STANDARDS | |
| SHEET 1 OF 2 | REVISION DATE |
| 104.35 | 10/09 |

SHOULDER SLOT INLET

VIRGINIA DEPARTMENT OF TRANSPORTATION

| |
|----------------------------|
| SPECIFICATION REFERENCE |
| 233 302 |