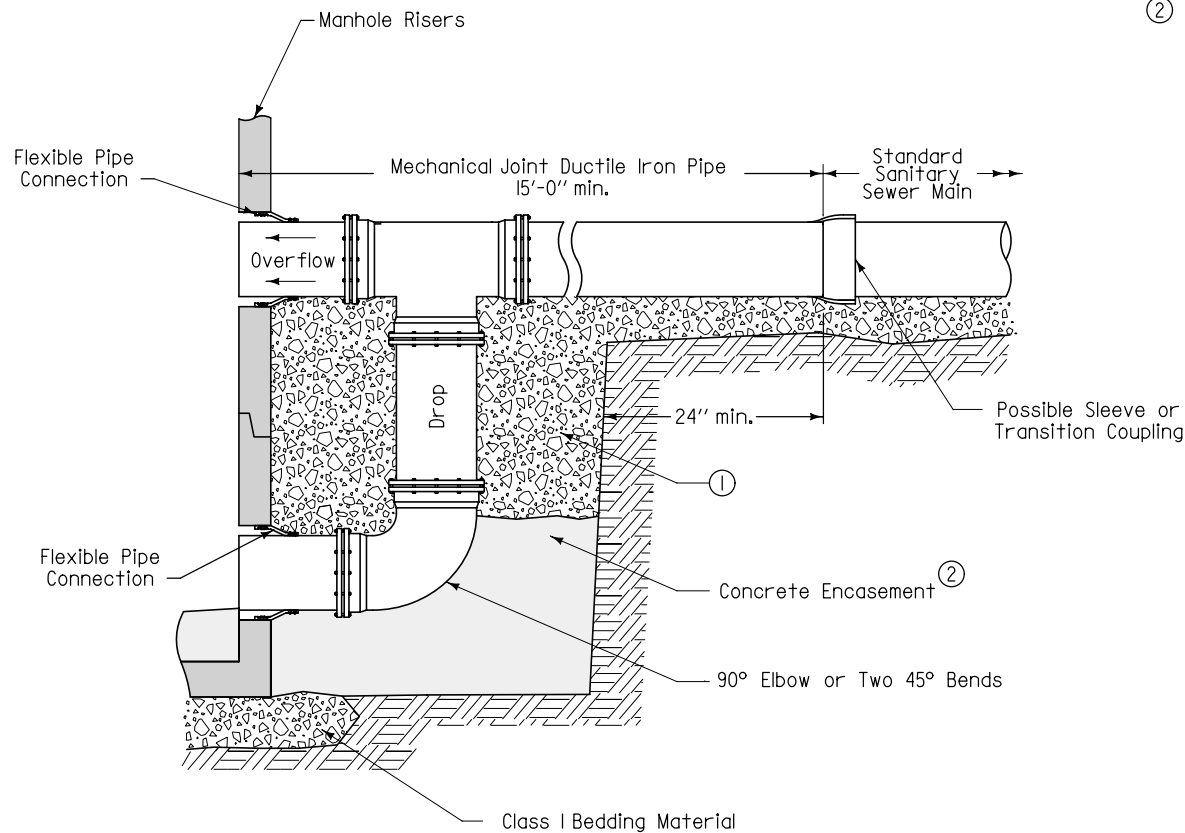


Construct drop and overflow from ductile iron pipe of same diameter specified for sewer main. Provide mechanical joints for all ductile iron pipe and fittings.

- ① Place Class I bedding material, CLSM, flowable mortar, or concrete from top of elbow to bottom of sewer main.
- ② Encase elbow in concrete. 12 inches minimum on all sides.



|                                                                                                         |                                                                                                                            |                                                                                                                  |          |
|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|----------|
|  SUDAS             |  Iowa Department<br>of Transportation | REVISION                                                                                                         |          |
|                                                                                                         |                                                                                                                            | NEW                                                                                                              | 04-21-09 |
| <b>FIGURE 6010.307</b>                                                                                  | <b>STANDARD ROAD PLAN</b>                                                                                                  | <b>SW-307</b>                                                                                                    |          |
|                                                                                                         |                                                                                                                            | <b>SHEET 1 of 1</b>                                                                                              |          |
| REVISIONS: New. Replaces SUDAS Figure 6020.6A and 6020.6B.<br>Will replace RA-52.                       |                                                                                                                            |                                                                                                                  |          |
| <br>SUDAS DIRECTOR |                                                                                                                            | <br>DESIGN METHODS ENGINEER |          |
| <b>DROP CONNECTION<br/>FOR SANITARY SEWER MANHOLE</b>                                                   |                                                                                                                            |                                                                                                                  |          |