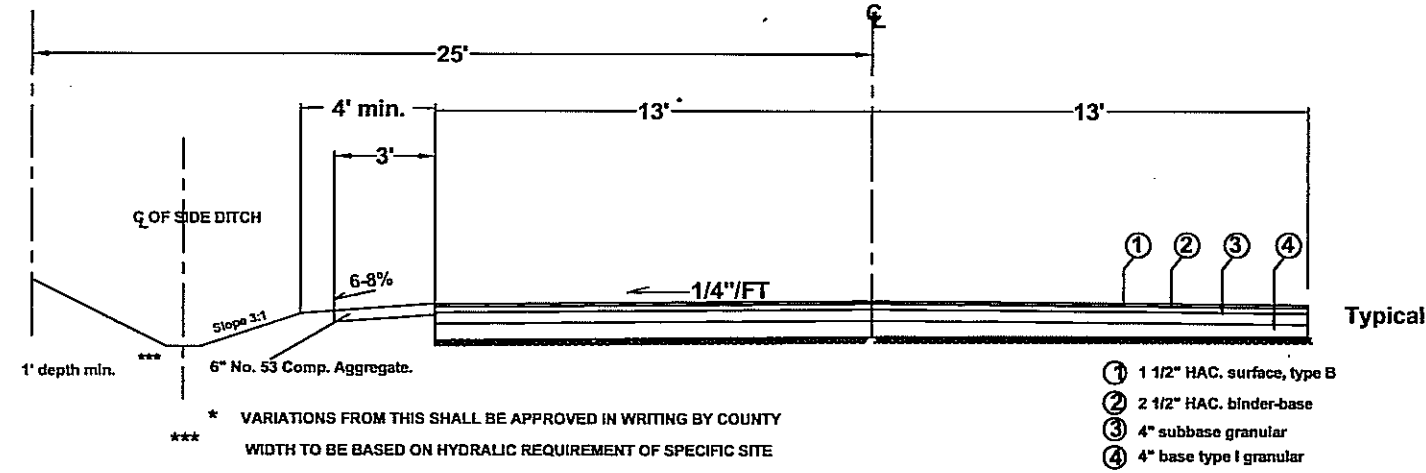


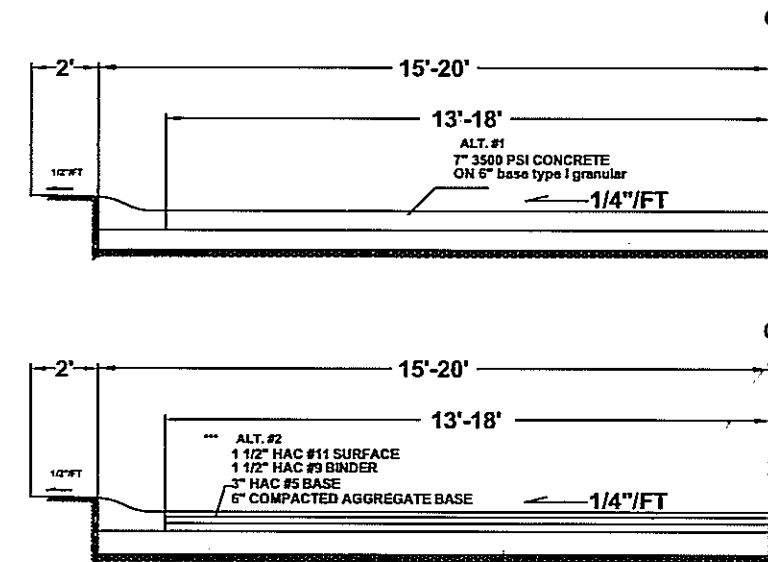
30' Residential Bituminous Pavement-- Concrete Roll Curb and Gutter

Note: Warrick County will require compaction results prior to accepting streets for maintenance.
- Max. 600 LF of Gutter Run between inlets

- 1 1 1/2" H.A.C. surface, type B
- 2 2 1/2" H.A.C. binder-base
- 3 4" subbase granular
- 4 4" base type I granular

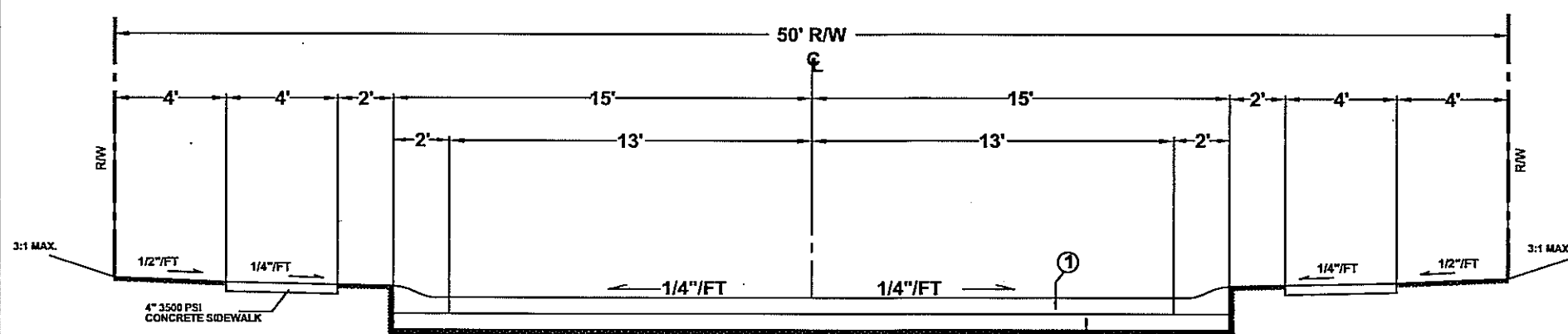


26' Residential Bituminous Pavement-- Open Ditch



30'-40' Commercial Concrete Pavement-- Concrete Roll Curb and Gutter

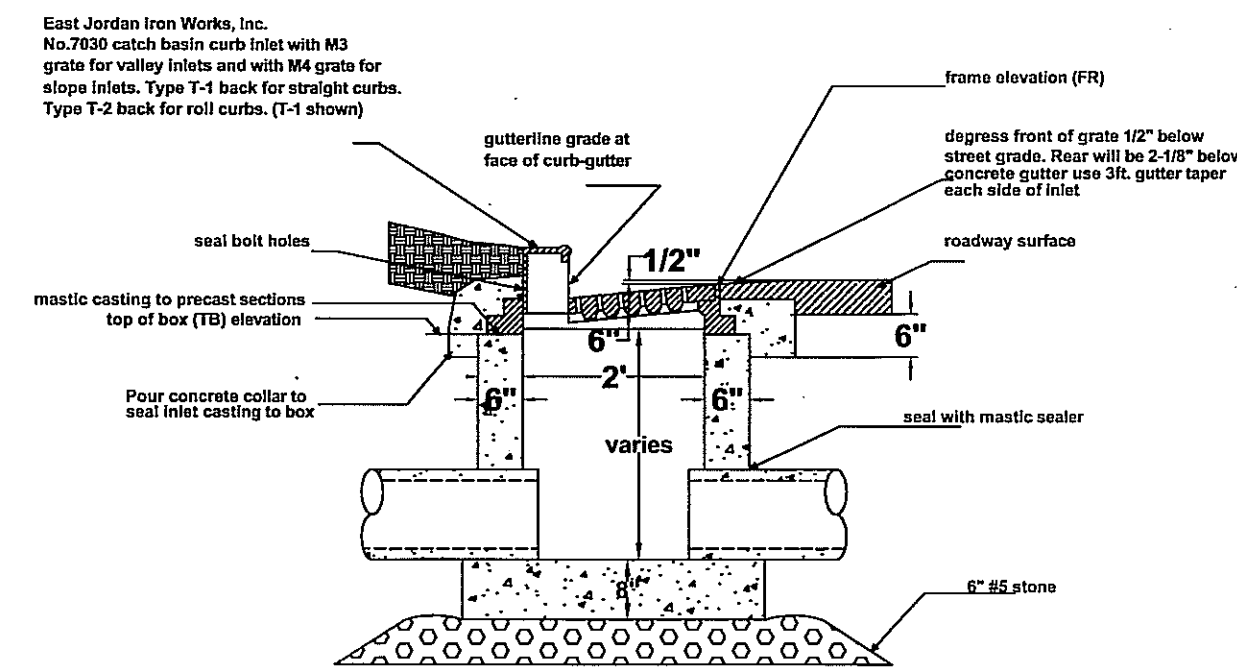
- NOTES:
- See County Engineer for all Non-curb and gutter Specifications
 - COMPACT SUBGRADE TO 95% STANDARD
 - Recommended minimum standards but may change depending upon design engineers pavement section which must be approved by the County Engineer and Board of Commissioners



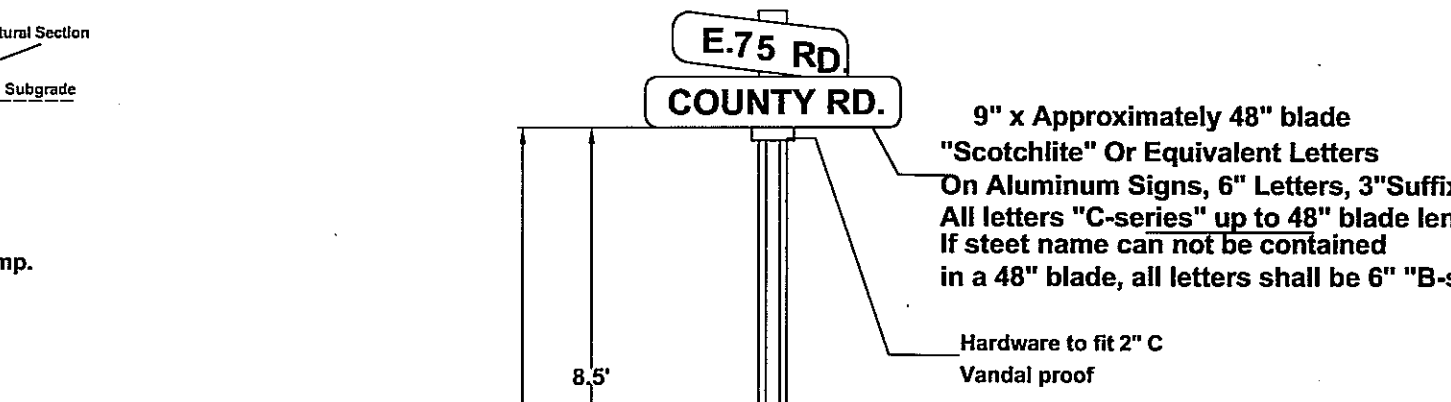
30' Residential Concrete Pavement-- Concrete Roll Curb and Gutter

Note: Warrick County will require compaction results prior to accepting streets for maintenance.
- Max. 600 LF of Gutter Run between inlets

- 1 6" 3500 PSI (MIN) Conc. on Compacted Subgrade
- 2 4" base type I granular

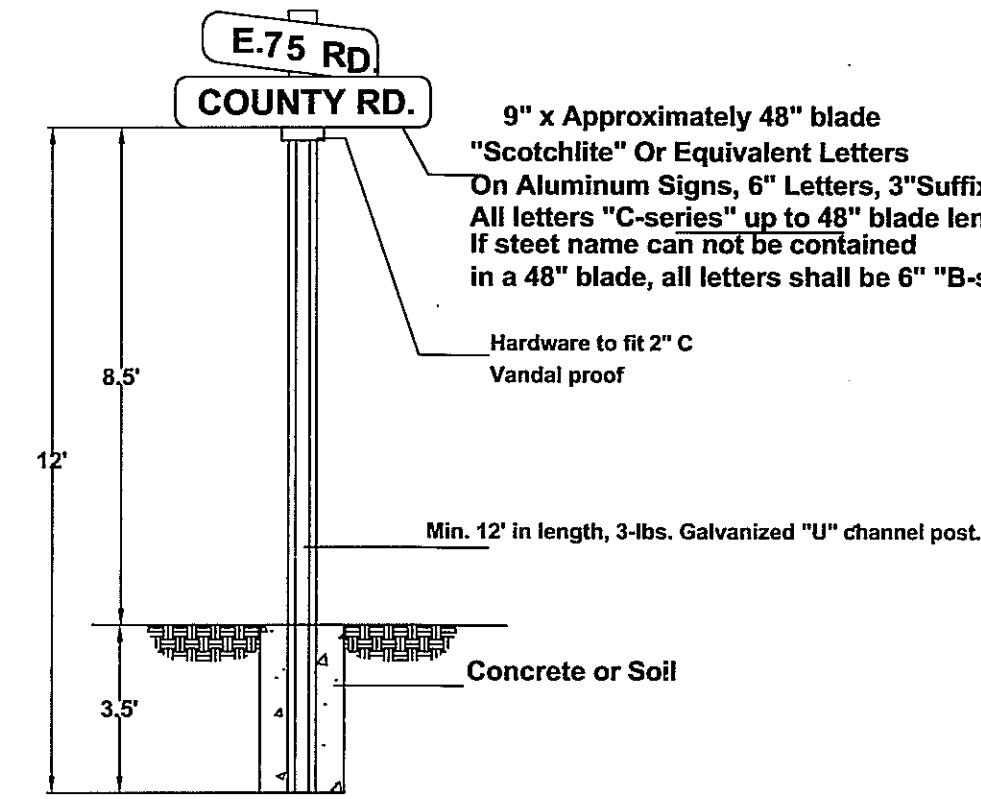


Precast Shallow Curb Inlet Detail



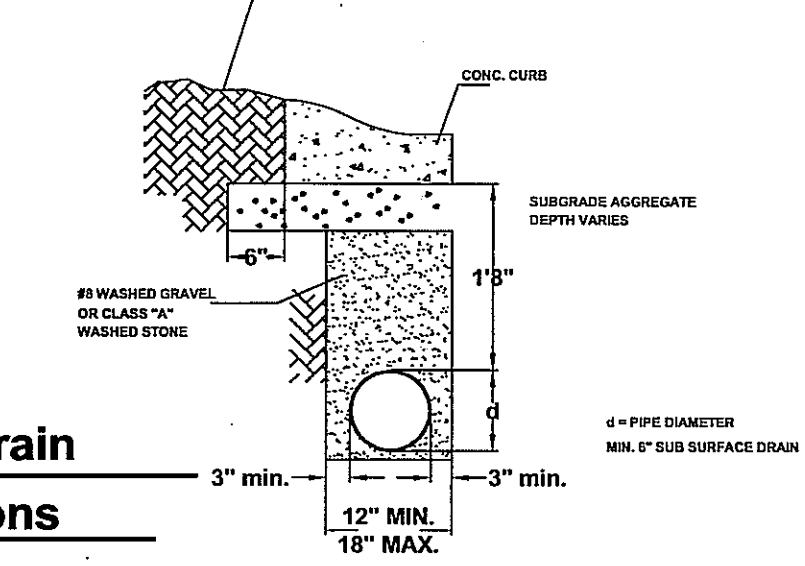
Trench Backfill Crossing Road

- NOTES:
- 1) Granular Material Backfill shall be Sand containing no more than 5% silt. If it is to be water flooded, Granular Material may be compacted in lifts, not to exceed 0.5 feet, by mechanically tampered or the water flooding method. Silt containing between 5% and 10% silt shall be compacted in one (1) foot lifts by mechanical methods.
 - 2) Method of backfill around pipe shall meet with the approval of the County Engineer.
 - 3) Backfill shall be compacted to 95% max. density based on A.S.T.M. D-1557 latest edition, Method A, Modified to 3 layers.
 - 4) Backfill to be brought to sub-grade and compacted to 90% Maximum Density, in lifts to within 0.5 feet of the structural section.
 - 5) The structural Section and 0.5 feet below the sub-grade plan shall be compacted to 95% Maximum Density.
 - 6) Compaction test shall be taken at 2 feet vertical intervals, a maximum 300.00 feet horizontal distance and a minimum of 2 tests per project.
 - 7) Granular Bedding: Shall be #3 stone conforming to Indiana State Highway Standard Specifications.



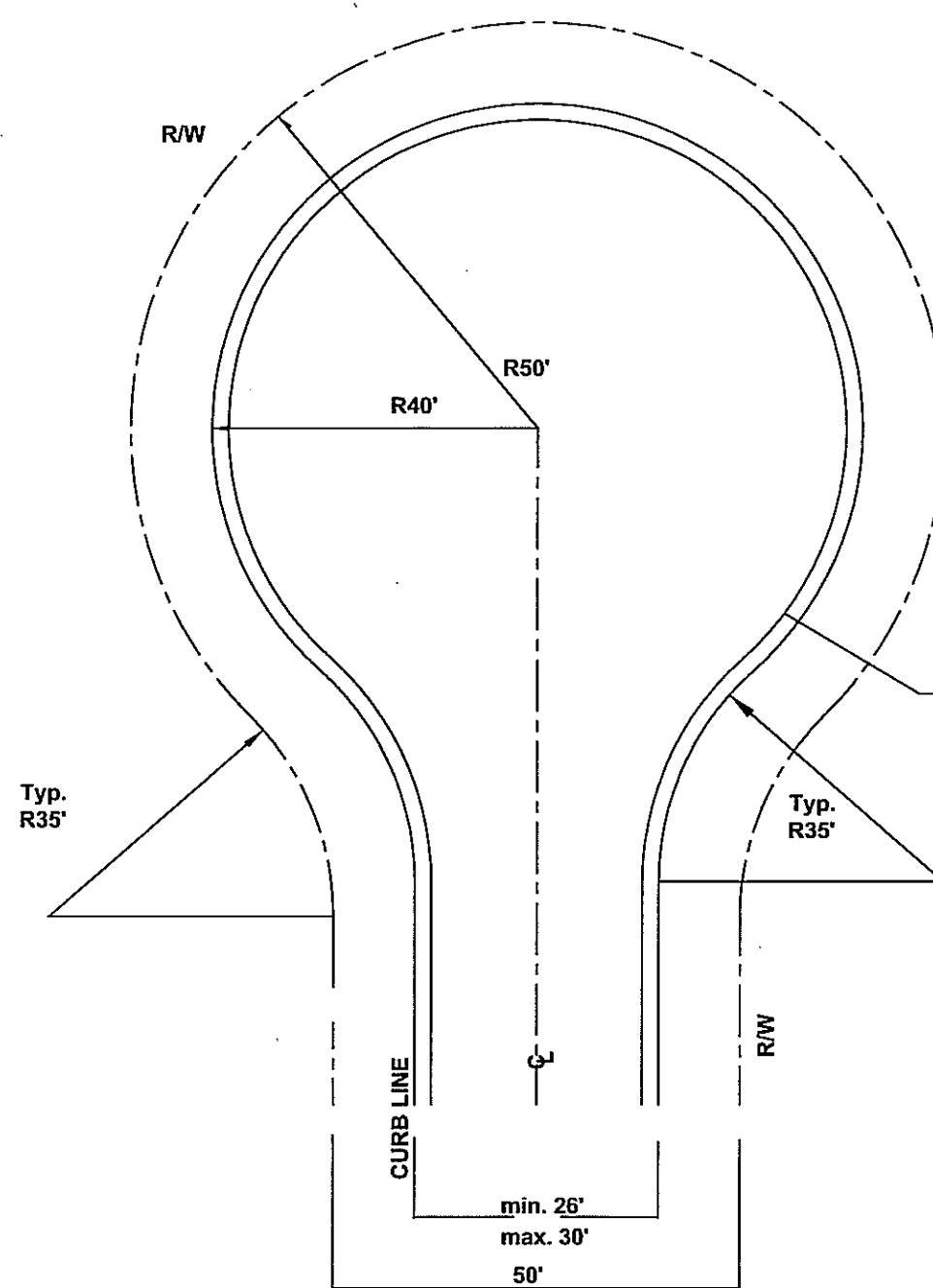
Street Signs

All signs shall be High Intensity Grade.
All signage to be installed per the requirements on the Indiana Manual on Uniform Traffic Control Devices (latest issue).



Pipe Underdrain In Subdivisions

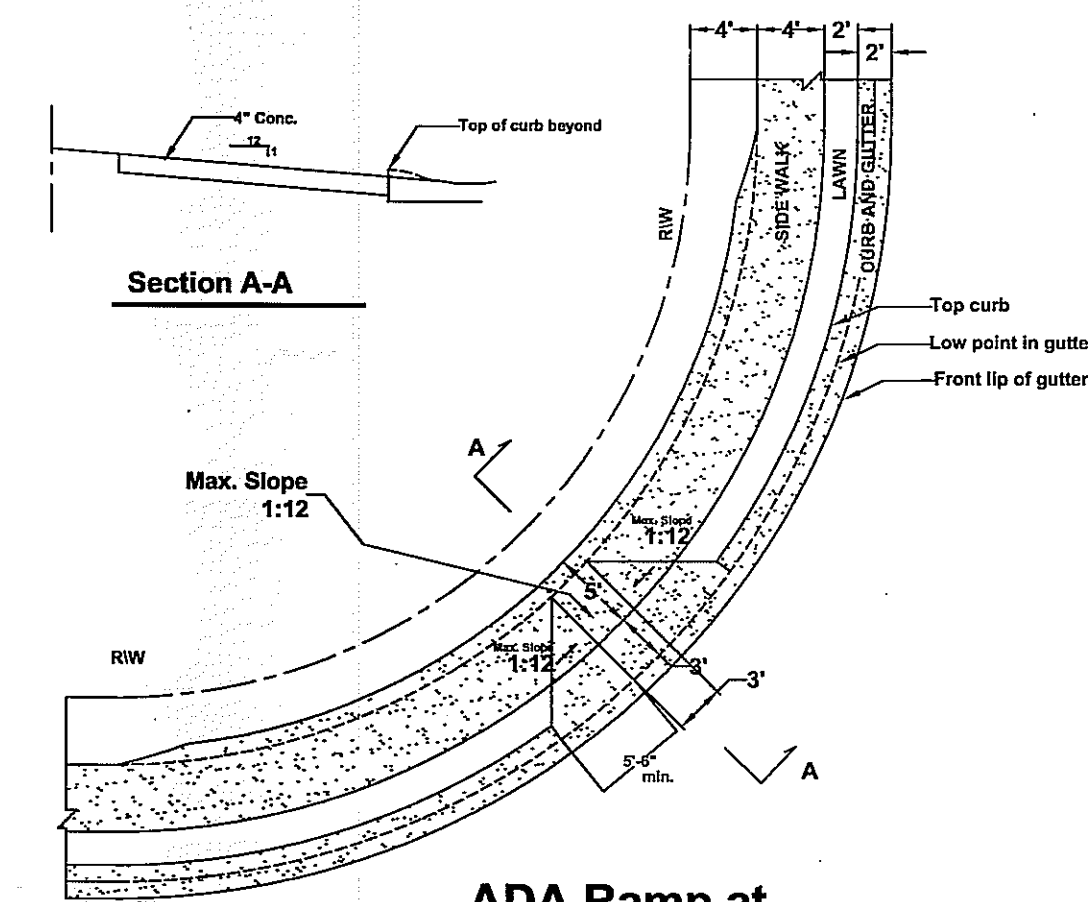
- NOTES:
- 1) Installation of underdrain shall conform to section 718 of the Indiana Department Of Transportation Standard Specifications
 - Underdrains shall not be installed until final grading and compaction is completed on subgrade
 - Any contamination of underdrain backfill shall be removed prior to installation of aggregate base.
 - Underdrains shall not be installed until utilities located beneath the underdrains are in place. (i.e. water mains, storm sewers, sanitary sewers, ect)



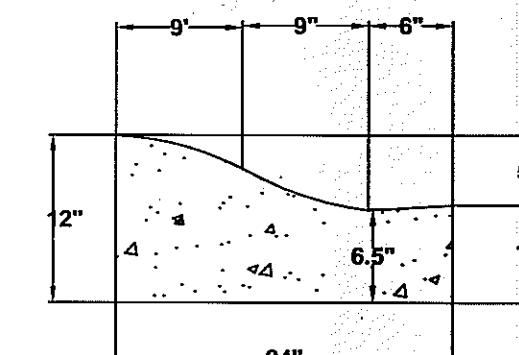
Typical Residential Cul-de-sac

Commercial Subdivision
Paved Radius = 50'
R/W Radius = 60'

NOTE:
Minimum street grade of (.3%) one half percent for curb and gutter must be maintained. Adjust Cul-de-sac accordingly to maintain this percent grade throughout the Cul-de-sac

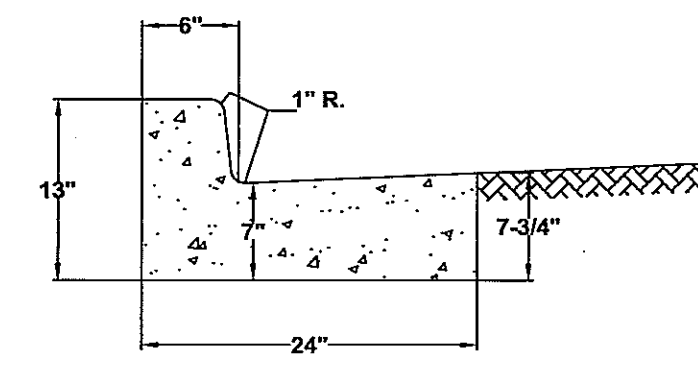


ADA Ramp at Street Intersections



ROLL TYPE CURB

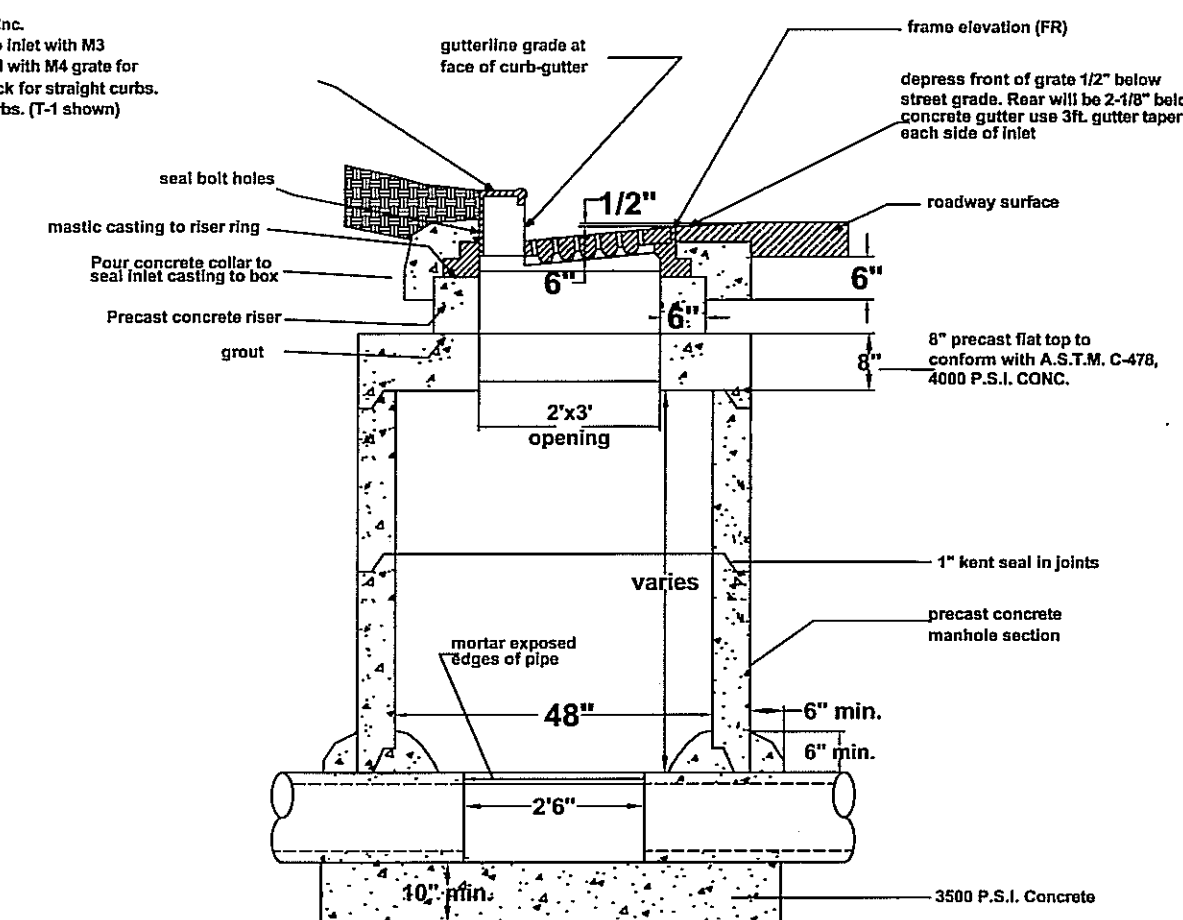
- NOTES:
- 1) Expansion joints are required at Storm Inlets
 - 2) Contraction Joints should be installed at 10' spacings
 - 3) Spacing shall be 9' on curve radii.



CURB AND GUTTER

- NOTES:
- 1) Expansion joints are required at Storm Inlets
 - 2) Contraction Joints should be installed at 10' spacings
 - 3) Spacing shall be 9' on curve radii.

East Jordan Iron Works, Inc.
No. 7030 catch basin curb inlet with M3 grate for valley inlets and with M4 grate for slope inlets. Type T-1 back for straight curbs. Type T-2 back for roll curbs. (T-1 shown)



Precast Deep Curb Inlet Detail

General Notes:

Areas exposed by excavation or stripping and on which subgrade preparations are to be performed shall be scarified to minimum depth of 5" and compacted to minimum of 95% of optimum density, in accordance with ASTM D 6981 or 92% of optimum density, in accordance with ASTM D 1557, at a moisture content of not less than 1% below and not more than 3% above the optimum moisture content. These areas shall then be proofrolled to detect any areas of insufficient compaction. Proofrolling shall be accomplished by making a minimum of two (2) complete passes with a full-loaded tandem-axis dump truck, or approved equivalent, in each of the two perpendicular directions under the supervision and direction of a field geotechnical engineer. Areas of failure shall be excavated and recompacted as stated above.

Fill materials used in preparations of subgrade shall be placed in lifts or layers not to exceed 6" loose measure and compacted to a minimum density of 95% of optimum density, in accordance with ASTM D 698, (or 92% of the optimum density, in accordance with ASTM D 1557) at a moisture content of not less than 1% below and not more than 3% above the optimum moisture content.

Note: Warrick County will require certified compaction results prior to accepting streets for maintenance.

Note: Any variations of these standards are at the discretion of the Warrick County Board of Commissioners and the County Engineer

Warrick County Roadway Specifications Subdivision Control Ordinance

Warrick County Highway Engineer
107 W. Locust St.
Courthouse Room 208
Boonville, In. 47601

Phone: (812) 897-6094
Fax : (812) 897-6109
DATE: 8-1-00
REV: 2-18-04
REV: 5-11-06 JAF

Prepared by
B.B.M.
SHEET NO.