

Process for the converting a privately maintained road to a publicly maintained road.

1. Property owner notifies the Pulaski County Road and Bridge Department (PCRBD) and the Pulaski County Planning and Development Department (PCPDD) of interest in dedicating a privately maintained road into the County maintenance system. The property owner must accurately describe and depict the section of road.
2. The PCRBD will research the history of the road and conduct an inspection of the road noting the following:
 - a. road surface width, type, and condition
 - b. ditch drainage condition
 - c. number, length, diameter, type, and condition of all cross drain culverts and driveway culverts
 - d. driveways that do not have a culvert that could cause a drainage problem
 - e. potential right-of-way encroachments
 - f. utilities in right-of-way
 - g. road grade
 - h. potential traffic hazards in proposed right-of-way
 - i. intersection angles
 - j. curves with a radiuses of less than 100 feet
 - k. trees and vegetation that would cause a traffic or drainage issue
3. The PCRBD will complete a report from the inspection detailing all improvements needed for County acceptance.
4. The PCRBD will inform the property owner and the PCPDD of all items needed for dedicating the road, including needed construction improvements and petition process.
5. Requirements to be met before dedication can proceed:
 - a. Roads must be brought up to County standards. The petitioner(s) will bear the cost of bringing the private road to the established County Road Standards. See **County Road Standards**; and
 - b. Petitioner(s) must notify all affected property owners. All affected property owners must be willing to dedicate the required right-of-way as established in the **Pulaski County Master Road Plan**. If any petitioner's property does not extend to the center of the road, the petitioner(s) must determine ownership of the access easement, and the owner of said easement must be willing to dedicate the easement to the County; and

- c. Petitioner(s) must sign a petition indicating their willingness to dedicate. Any property owner not willing to dedicate the necessary right-of-way will end the conversion process; and
 - d. Petitioner(s) must supply the PCPDD a recorded survey, plat, or warranty deed that adequately describes the boundaries of the property to be dedicated. The responsibility for providing this information rests solely with the property owner(s).
6. The PCPDD will notify the PCRBD Director and the Public Works Director, in writing, of a request to dedicate a private road.
7. Once the required improvements are completed, the petitioner(s) will notify the PCPDD. The PCPDD will request the PCRBD to assess the improvements to determine if the improved road can be accepted by the County.
8. If the road is deemed acceptable, the PCPDD will conduct a petition meeting where all affected property owners will sign the petition intending to dedicate the required right-of-way.
9. When all petitions are signed and the property information is received, the PCPDD will draft a quit claim deed for each affected property containing the owner's signature and notarization.
10. When all quit claim deeds are signed and received, the PCPDD will draft an executive order for the County Judge to sign.
11. Once the executive order is signed and filed at the County Circuit Clerk's office:
 - a. Copies of the executive order will be distributed to the petitioners; and
 - b. A copy will be included in the Pulaski County Public Works road file; and
 - c. The road will be accepted into the County road maintenance system.

County Road Standards

Rural Local Roads

1. Pavement widths shall be a minimum of 28 feet in areas outside of the Lake Maumelle Watershed. New roads in the Lake Maumelle Watershed shall be 20 feet in width, and existing roads in the Lake Maumelle Watershed shall be a minimum of 20 feet in width.
2. Turnarounds should be a paved cul-de-sac with a minimum pavement diameter of 80 feet (40 foot radius).
3. Road right-of-way widths:
 - a. 50 feet in Lake Maumelle Watershed (25 feet either side of road centerline)
 - b. 60 feet outside of Lake Maumelle Watershed (30 feet either side of road centerline)
4. Road grade shall not be more than 15%.
5. Intersection angles shall not be less than 75 degrees.
6. Pavement shall be a minimum of 3 inches of hot mix asphalt after compaction.
7. Base course shall be a minimum of 7 inches of class 7 gravel compacted to 100% modified proctor density. Additional thickness base course may be required in areas where inadequate sub-surface soil conditions exist.
8. For existing roads, a 12 inch deep (minimum) core sample must be taken every 100 feet (or location specified by the County Inspector) to verify base rock and asphalt cross section.
9. Subgrade shall be constructed of an approved fill material compacted in 6" lifts. Density test must be taken every 1 foot of vertical fill and every 100 feet of linear road distance (minimum of two tests in separate locations or at locations specified by the County Inspector). Densities must be a minimum of 95% modified proctor for all tests.
10. Road crown shall be 2%.
11. Adequate drainage must be provided. Drainage must be designed so that water will not collect or stand at any point in the right-of-way, and any culvert crossing the road must have sufficient length and carrying capacity to insure that water will not run across the roadway surface.
12. Culverts used for drainage must be reinforced concrete or galvanized corrugated metal, 18 inch minimum diameter.
13. Ditch slopes shall be 4:1 (front) and 3:1 (back) or shallower.
14. Road signage must be provided, conforming to applicable ArDOT and MUTCD specifications.
15. Materials and methods shall comply with ArDOT applicable specifications.
16. Road intersections must have a safe sight distance. An engineering certification may be required demonstrating safe sight distances.

Rural Collector Roads

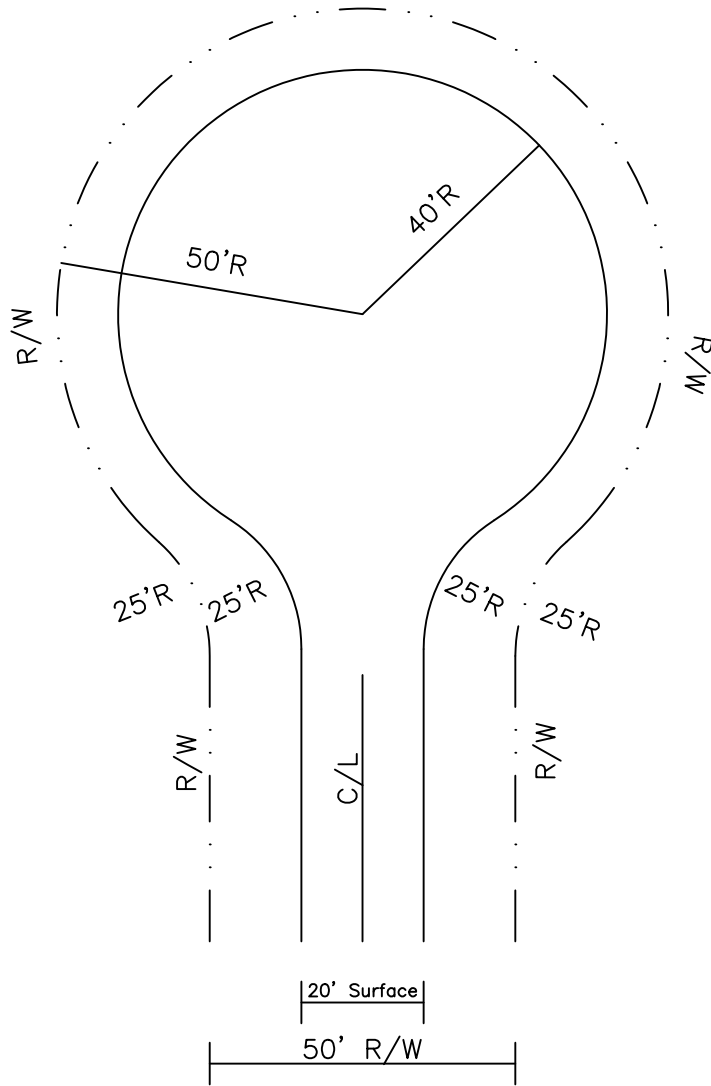
1. Pavement widths shall be a minimum of 30 feet in areas outside of the Lake Maumelle Watershed. New roads in the Lake Maumelle Watershed shall be 20 feet in width, and existing roads in the Lake Maumelle Watershed shall be a minimum of 20 feet in width.
2. Turnarounds should be a paved cul-de-sac with a minimum pavement diameter of 80 feet (40 foot radius).
3. Road right-of-way widths:
 - a. 50 feet in Lake Maumelle Watershed (25 feet either side of road centerline)
 - b. 70 feet outside of Lake Maumelle Watershed (35 feet either side of road centerline)
4. Road grade shall not be more than 12%.
5. Intersection angles shall not be less than 75 degrees.
6. Pavement shall be a minimum of 3 inches of hot mix asphalt after compaction.
7. Base course shall be a minimum of 7 inches of class 7 gravel compacted to 100% modified proctor density. Additional thickness base course may be required in areas where inadequate sub-surface soil conditions exist.
8. For existing roads, a 12 inch deep (minimum) core sample must be taken every 100 feet (or location specified by the County Inspector) to verify base rock and asphalt cross section.
9. Subgrade shall be constructed of an approved fill material compacted in 6" lifts. Density test must be taken every 1 foot of vertical fill and every 100 feet of linear road distance (minimum of two tests in separate locations or at locations specified by the County Inspector). Densities must be a minimum of 95% modified proctor for all tests.
10. Road crown shall be 2%.
11. Adequate drainage must be provided. Drainage must be designed so that water will not collect or stand at any point in the right-of-way, and any culvert crossing the road must have sufficient length and carrying capacity to insure that water will not run across the roadway surface.
12. Culverts used for drainage must be reinforced concrete or galvanized corrugated metal, 18 inch minimum diameter.
13. Ditch slopes shall be 4:1 (front) and 3:1 (back) or shallower.
14. Centerline and shoulder shall have 4" painted or thermoplastic reflective striping, ArDOT specifications.
15. Road signage must be provided, conforming to applicable ArDOT and MUTCD specifications.
16. Materials and methods shall comply with ArDOT applicable specifications.
17. Road intersections must have a safe sight distance. An engineering certification may be required demonstrating safe sight distances.

Rural Minor Arterial Roads

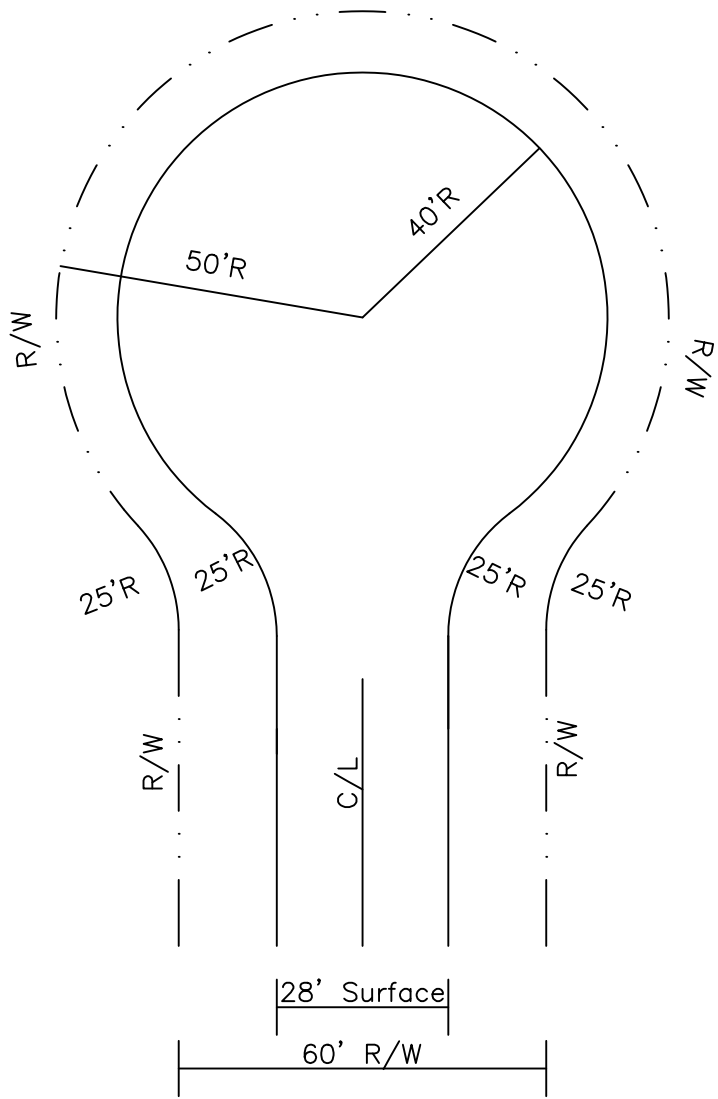
1. Pavement widths shall be a minimum of 34 feet in areas outside of the Lake Maumelle Watershed. New roads in the Lake Maumelle Watershed shall be 32 feet in width, and existing roads in the Lake Maumelle Watershed shall be a minimum of 32 feet in width.
2. Turnarounds should be a paved cul-de-sac with a minimum pavement diameter of 80 feet (40 foot radius).
3. Road right-of-way widths:
 - a. 80 feet in Lake Maumelle Watershed (40 feet either side of road centerline)
 - b. 90 feet outside of Lake Maumelle Watershed (45 feet either side of road centerline)
4. Road grade shall not be more than 12%.
5. Intersection angles shall not be less than 75 degrees.
6. Pavement shall be a minimum of 3 inches of hot mix asphalt after compaction.
7. Base course shall be a minimum of 7 inches of class 7 gravel compacted to 100% modified proctor density. Additional thickness base course may be required in areas where inadequate sub-surface soil conditions exist.
8. For existing roads, a 12 inch deep (minimum) core sample must be taken every 100 feet (or location specified by the County Inspector) to verify base rock and asphalt cross section.
9. Subgrade shall be constructed of an approved fill material compacted in 6" lifts. Density test must be taken every 1 foot of vertical fill and every 100 feet of linear road distance (minimum of two tests in separate locations or at locations specified by the County Inspector). Densities must be a minimum of 95% modified proctor for all tests.
10. Road crown shall be 2%.
11. Adequate drainage must be provided. Drainage must be designed so that water will not collect or stand at any point in the right-of-way, and any culvert crossing the road must have sufficient length and carrying capacity to insure that water will not run across the roadway surface.
12. Culverts used for drainage must be reinforced concrete or galvanized corrugated metal, 18 inch minimum diameter.
13. Ditch slopes shall be 4:1 (front) and 3:1 (back) or shallower.
14. Centerline and shoulder shall have 4" painted or thermoplastic reflective striping, ArDOT specifications.
15. Road signage must be provided, conforming to applicable ArDOT and MUTCD specifications.
16. Materials and methods shall comply with ArDOT applicable specifications.
17. Road intersections must have a safe sight distance. An engineering certification may be required demonstrating safe sight distances.

Plan and survey requirements for proposed new County roads (dedicated and maintained) that are not subject to the Pulaski County Subdivision and Development Code.

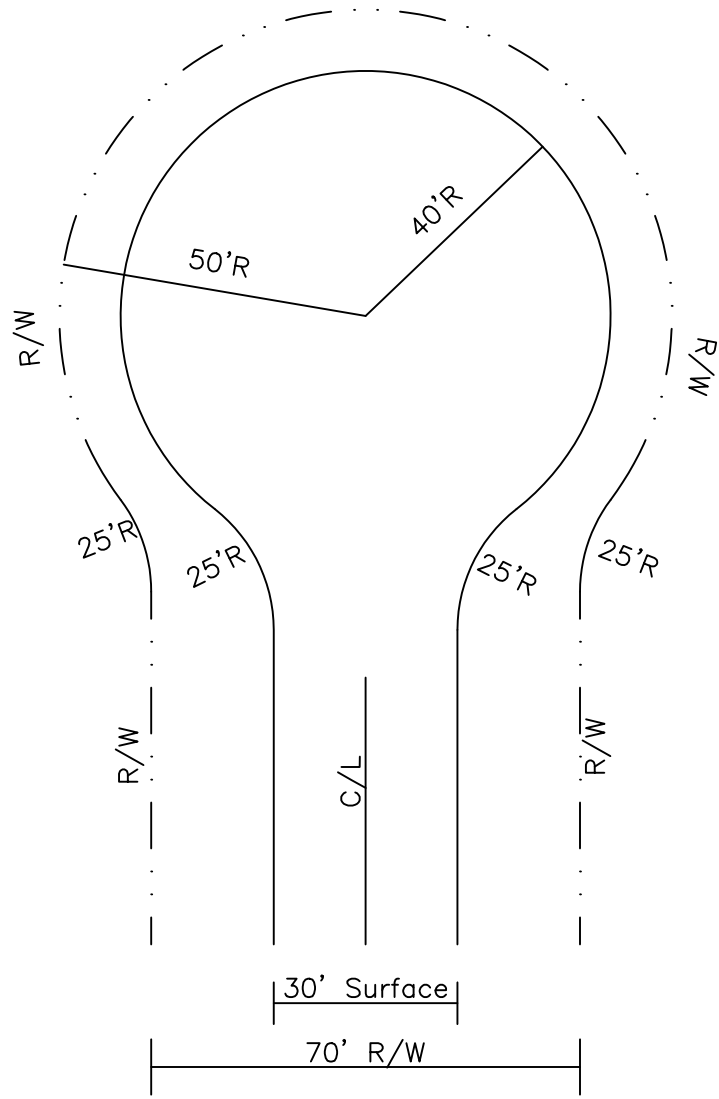
1. A complete set of engineering plans and survey must be submitted showing all improvements including:
 - a. Proposed road name
 - b. Contours with intervals of not more than 4 feet.
 - c. Proposed right-of-way and all adjoining right-of-way. A legal description should be included for the new proposed right-of-way and tied to the nearest section or 1/4 section corner
 - d. Road centerline courses and distances
 - e. Road centerline profile including slope
 - f. Cut and fill limits
 - g. Utility plan
 - h. Drainage plan including all runoff calculations, flowline profiles, and design details for proposed drainage structures
 - i. Cross sections at 50 foot intervals, showing to limits of right-of-way or cut/fill limits, whichever is greater
 - j. Typical road cross section
 - k. Erosion control plan
 - l. All boundaries must be certified by an Arkansas registered professional surveyor
 - m. All plans must be certified by an Arkansas registered professional engineer



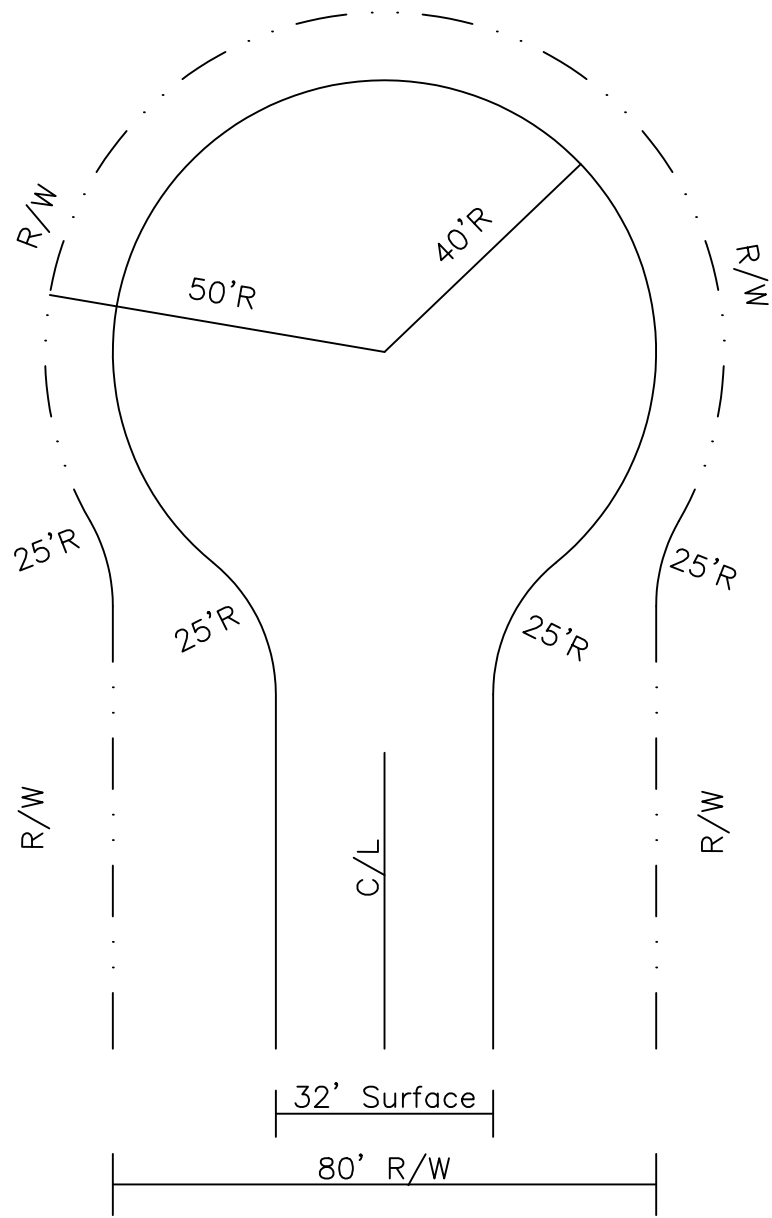
Standard cul-de-sac
 Rural Local and Rural Collector Road
 (Inside of Lake Maumelle Watershed)



Standard cul-de-sac
Rural Local Road
(Outside of Lake Maumelle Watershed)



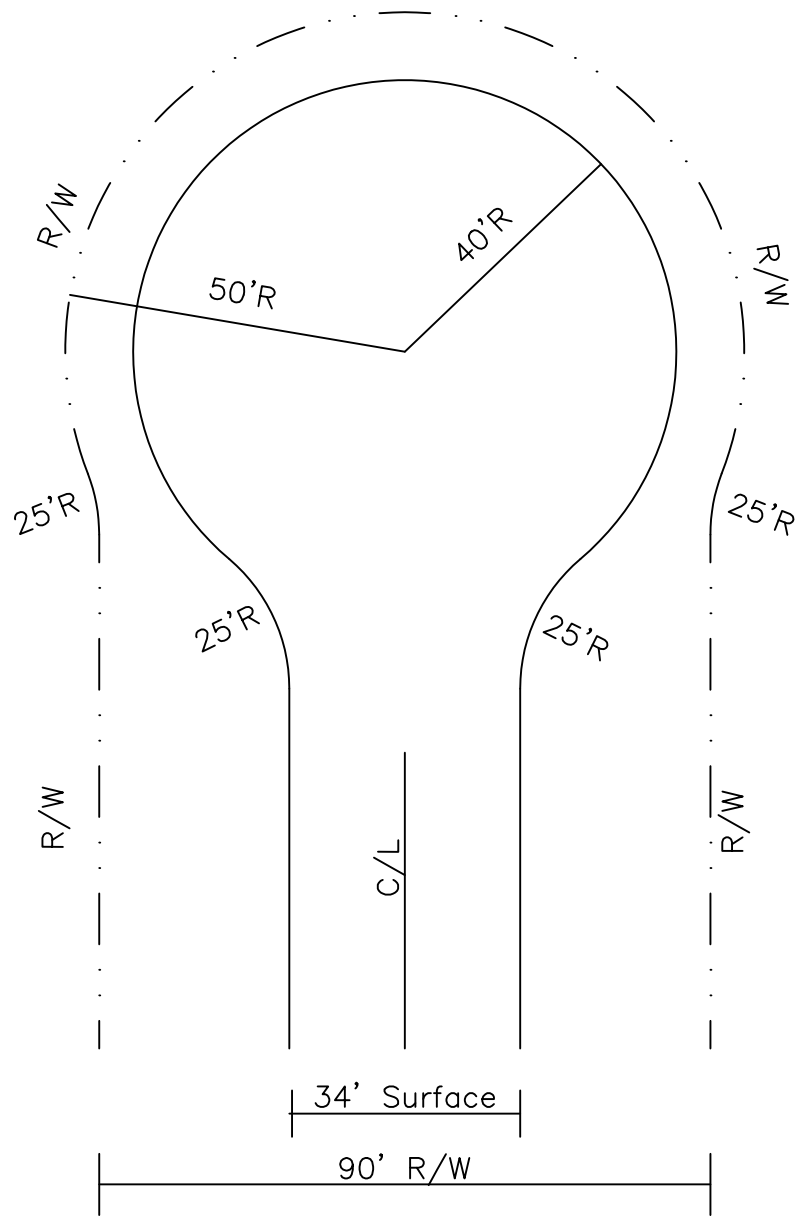
Standard cul-de-sac
Rural Collector Road
(Outside of Lake Maumelle Watershed)



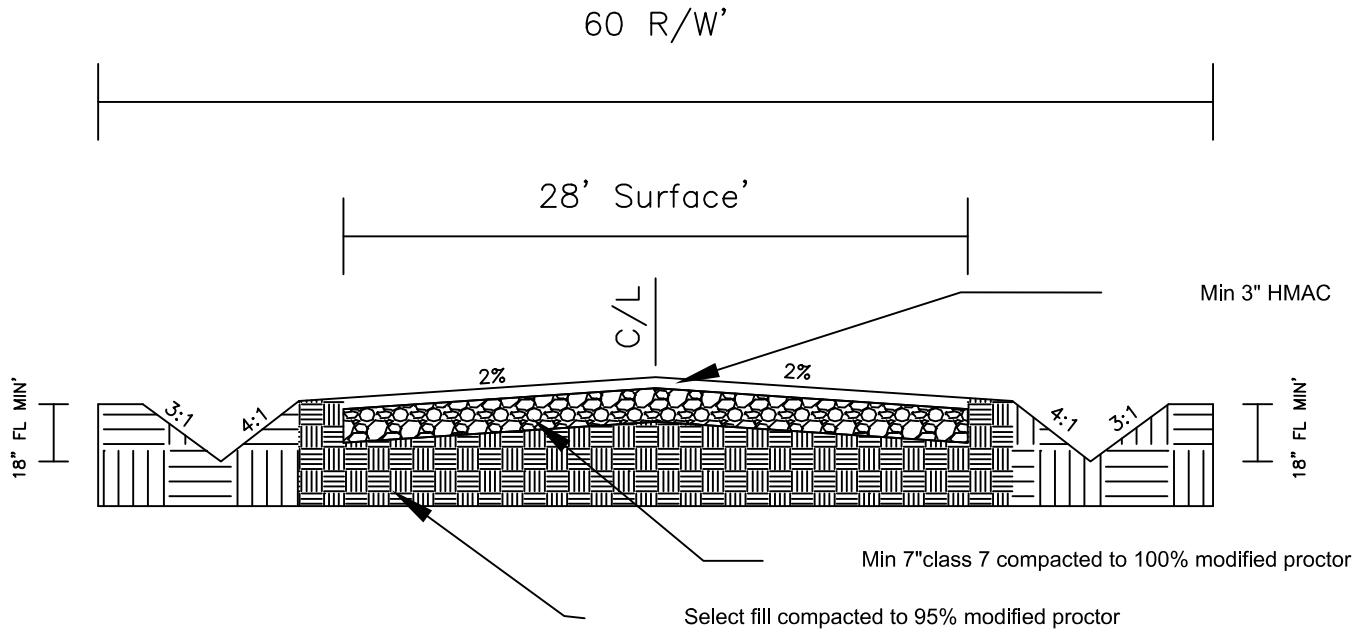
Standard cul-de-sac

Rural Minor Arterial

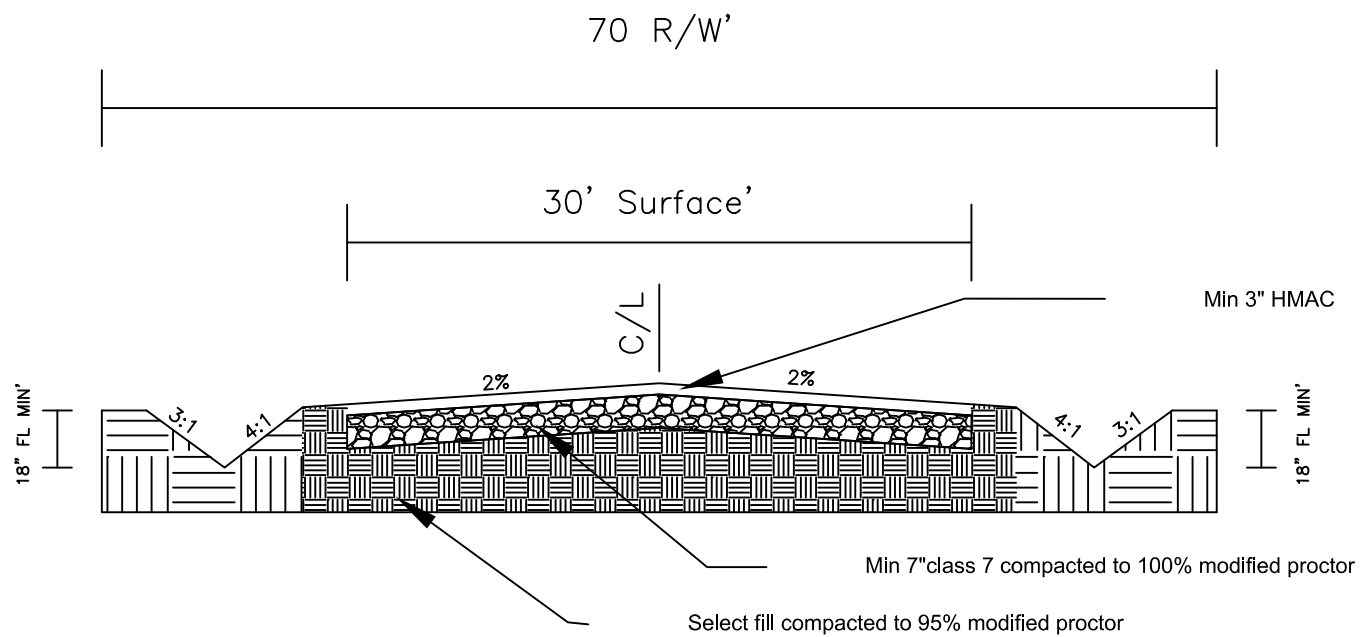
10' Travel Lane and 5' Shoulder
 (Inside of Lake Maumelle Watershed)



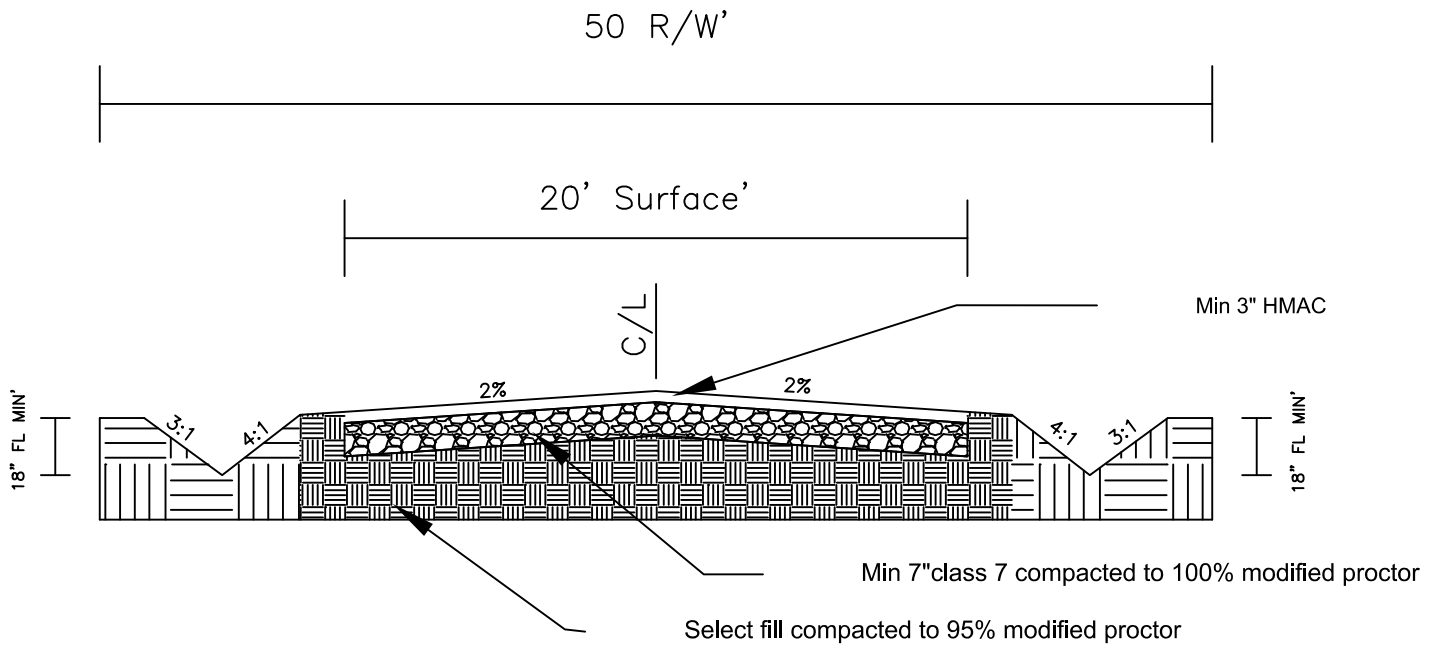
Standard cul-de-sac
 Rural Minor Arterial
 11' Travel Lane and 6' Shoulder
 (Outside of Lake Maumelle Watershed)



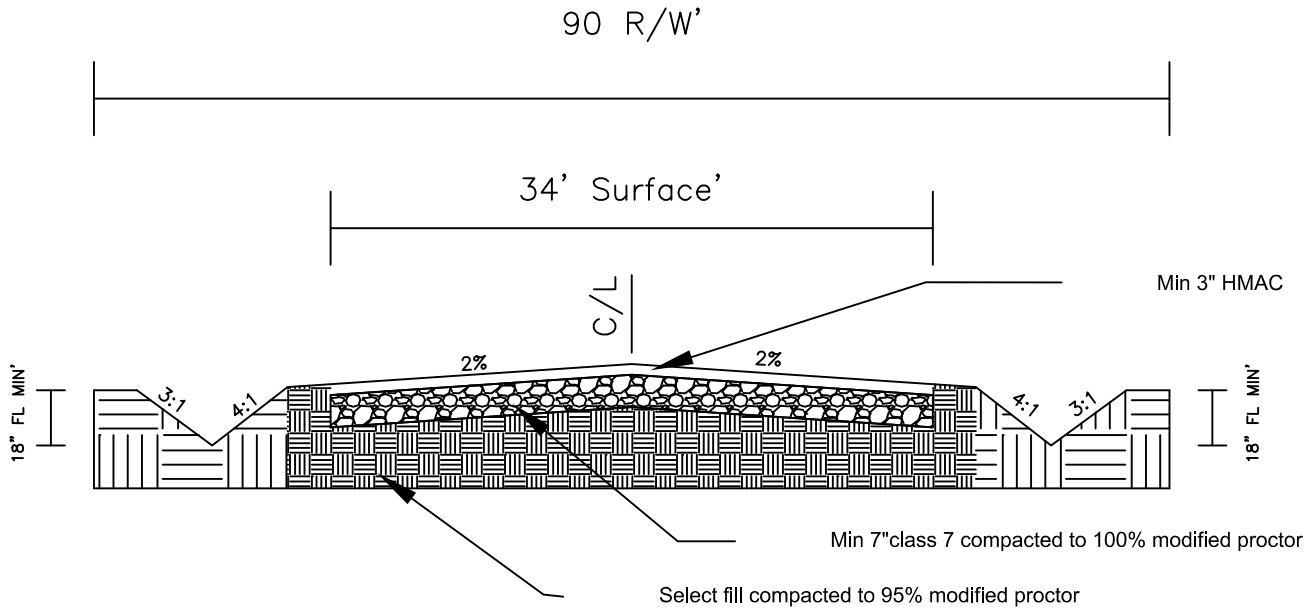
Rural Local Road
 (Outside of Lake Maumelle Watershed)



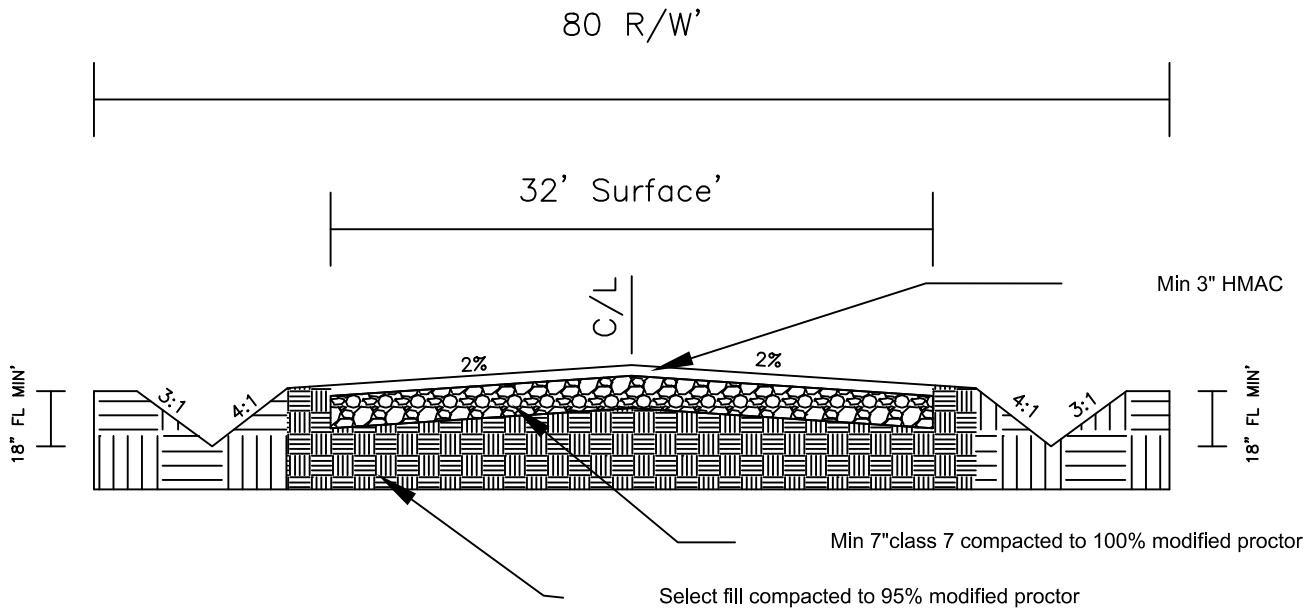
Rural Collector Road
 (Outside of Lake Maumelle Watershed)



Rural Local and Rural Collector Road
 (Inside of Lake Maumelle Watershed)



Rural Minor Arterial
(Outside of Lake Maumelle Watershed)



Rural Minor Arterial
(Inside of Lake Maumelle Watershed)