ORDINANCE NO. 1806-38

AN ORDINANCE OF LINCOLN COUNTY SD, AMENDING THE 2009 REVISED ZONING ORDINANCE FOR LINCOLN COUNTY, SD, BY AMENDING ARTICLE 8, MINIMUM ROAD IMPROVEMENTS AND DESIGN STANDARDS, AND ARTICLE 9, GRADING AND DRAINAGE, OF THE 2011 REVISED SUBDIVISION ORDINANCE OF LINCOLN COUNTY.

BE IT ORDAINED BY LINCOLN COUNTY, SOUTH DAKOTA:

Section 802. Minimum Road Right-of-Way

A. Roads shall have a minimum publicly dedicated right-of-way of 66 feet. An easement of 66 feet shall be reserved for private roadways. A maximum right-of-way of 100 feet may be required on any roads designated as arterial and collector.

B. Cul-de-sacs are not encouraged but will be allowed where, due to physical constraints, they are necessary for the reasonable development of the subdivision. The minimum right-of-way radius of turnarounds and eyebrows at the end of a cul-de-sac shall be 55 feet and the length of the road shall be limited to 500 feet. This shall also apply to private roadways.

Section 2. That Section 803, of the 2011 Revised Subdivision Ordinance of Lincoln County, SD, is hereby amended to read as follows:

Section 803. Road Construction

A. Access from individual lots within a subdivision onto an arterial road shall be prohibited. Frontage roads are not encouraged but may be considered when special circumstances exist.

B. Driveway spacing and sight distance requirements shall be in accordance with SDDOT standards.

C. Minimum width of paved surface shall be 24 feet of 4/8 asphalt paving/base and two-foot gravel shoulders. Ditches shall have a maximum 4:1 side slope. Additional lanes may be required for higher traffic roadways as determined by the County Engineer. Minimum paved surface radius within a cul-de-sac shall be 30 feet, plus a two-foot gravel shoulder.

D. At a minimum, there shall be an eight (8) inch granular base course with a four (4) inch asphalt surface for a residential development and a twelve (12) inch granular base course with a four (4) inch thickness of asphalt for a commercial or industrial development. Alternative surface standards may be approved with a submitted professional engineering report.
| E. | Culverts under roadways and driveways shall be Reinforced Concrete Pipe, Class II, or higher as needed. Flared or sloped end sections are required on all culverts within the road right-of-way. Minimum driveway culvert size is 18-inch. |
| F. | The size of culverts shall be determined by a drainage study for the affected watershed area. |
| G. | A cross slope (crown) shall be provided on all roads at a rate of .03 feet per foot. |
| H. | The road ditch depth shall accommodate drainage volumes, but shall be at least 2½ feet below the road grade. Alternative ditch depths may be approved where warranted. |
| I. | Seeding of ditches and other erosion protection measures shall be employed after grading is completed to minimize erosion. |
| J. | Private roadways shall be indicated on the plat and shall not be included as part of any required lot area or setback. |
| K. | Any private roadway approved by the County shall provide permanent unobstructed access to the area it serves. The erecting of any structure within the private roadway easement which would in any way interfere with the use of such private roadway by the public or any governmental agency will not be permitted. |
| L. | Any plat presented for approval which shows a private roadway as a means of access shall provide language in the Owner’s Certificate in accordance with Section 1202 reserving the private road for permanent unobstructed access to abutting property and establishing private responsibility for maintenance of the roads. |
| M. | Road standards for commercial or industrial developments may be increased by the Planning Director and Highway Superintendent. An increase of these standards will be based on relevant information such as a municipality’s comprehensive plan or subdivision regulations, driveway access widths, speed limit, number and types of vehicles using the road, parking availability, sound engineering judgment and any other pertinent information. |
| N. | In order to maintain consistent signage throughout the County, sign type and locations shall be included with the final subdivision plans. Signs shall be installed in accordance with the Manual of Uniform Traffic Control Devices (MUTCD) as amended by County specifications. |

**Section 3.** That Section 804, of the 2011 Revised Subdivision Ordinance of Lincoln County, SD, is hereby amended to read as follows:

**Section 804. Road Names**

A. Roads in alignment with existing roads shall bear the names of those roads.

B. No road names shall be used which duplicate or are like in pronunciation with any other existing roads. Road names shall not exceed 14 characters, including spaces. Except as may be otherwise required, road name suffixes shall be applied as follows:

1. *Street* - a road generally running east and west
2. *Avenue* - a road generally running north and south
3. *Road* - a road running both east and west or north and south for significant lengths; the names may only be assigned to major rights-of-way
4. *Lane* - a road running northeast to southwest
5. *Drive* - a road running northwest to southeast
6. *Trail* - a road which wanders in different directions
7. *Circle* - all cul-de-sacs
8.  **Court** - a road with two openings which enters and exits on the same road
9.  **Place** - all private roads

**Section 4.** That Section 901, of the 2011 Revised Subdivision Ordinance of Lincoln County, SD, is hereby amended to read as follows:

**Section 901. Grading Plan**
The plan shall include the following information:

A.  **Final Site Grading Plan:** The grading plans shall show the existing and proposed contours with intervals of one (1) foot, or as needed to depict the topography adequately. The site grading plan shall also include the drainage arrows for each lot.

B.  **Final Road Grading Plan:** The road grading plan shall show percent slope for all proposed roads, drainage arrows, and location and size of culverts. Plan, profile, and cross sections (at 50-foot intervals and all culvert locations) shall be provided.

**Section 5.** That Section 902, of the 2011 Revised Subdivision Ordinance of Lincoln County, SD, is hereby amended to read as follows:

**Section 902. Drainage Plan**
All drainage facilities, including on-site detention, drainageways, detention ponds and drainage channels shall be shown on the drainage plan. The developer is required to expand the drainage plan to include other properties within the drainage basin when the potential exists for impact beyond the development area, both upstream and downstream. The plan shall provide the following information:

A. Existing and proposed contour lines and the surface water drainage system, including any major alteration of the existing drainage pattern. The contour interval shall be of such detail that the final drainage pattern is adequately illustrated.

B. A natural or established watercourse requires a minimum of a forty (40) foot easement.

C. The 5-, 25-, and 100-year storm event for predevelopment conditions and post development conditions shall be shown. The post development flow rate from the subdivision shall not exceed pre-developed flow rates from any location.

D. Detention ponds and outlet control structures shall be sized to mitigate increases in the flowrate for the 5-, 25-, and 100-year storm occurrence. Driveway culverts shall be designed for the 5-year storm occurrence. Any driveway culverts that exceed the minimum size of 18 inches shall be constructed by the developer along with the road improvements. Roadway culverts, drainageways, and road ditches should generally be designed for the 25-year storm occurrence.

E. The boundaries of all drainage easements and detention ponds. A maintenance agreement for the upkeep of all drainage facilities, including on-site detention, drainageways, detention ponds and drainage channels, and natural or established watercourses shall be filed with the plat.

F. Individual lot drainage shall be coordinated with the general surface drainage pattern for the area. Drainage shall be designed so as to avoid a concentration of storm drainage water from each lot to adjacent lots. Concentrated flows from the subdivision shall only occur at locations where concentrated flows previously existed.

G. It shall be the responsibility of each lot owner to install and maintain a culvert under the driveway, unless installed by the developer, when lot development commences.

Date adopted: June 26, 2018.
/s/ David Gillespie, Chair,  
Lincoln County Board of Commissioners  

ATTEST:  
/s/ Marlene Sweeter,  
Lincoln County Auditor  

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