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1 WHEREAS, Complete Streets integrate general purpose roadways,
2 sidewalks, bike lanes, transit amenities, traffic calming and convenient
3 crossings, to create a balanced transportation system that meets the needs of
4 motorized and non-motorized travelers, and persons with disabilities; and

5 WHEREAS, Complete Streets promote alternative transportation modes,
6 helping to reduce street network congestion and vehicle emissions and
7 increase the capacity of the transportation network; and

8 WHEREAS, the City of Albuquerque adopted the Integrated Development
9 Ordinance that established updated regulations for development adjacent to
10 public right-of-way, that encourages new land-use patterns that are best
11 served by balanced transportation systems that facilitate travel by all users,
12 and that requires new roadway construction to follow the Complete Streets
13 Ordinance and the Development Process Manual (DPM); and

14 WHEREAS, the Development Process Manual (DPM) was updated in 2020
15 to incorporate the Complete Streets Ordinance, and other best practices in
16 engineering and street design; and

17 WHEREAS, the City’s transportation corridors are designed to collect
18 stormwater flows without impacting traffic operations and therefore are suited
19 to become platforms for Green Stormwater Water Infrastructure; and

20 WHEREAS, Albuquerque is located on three sloping geologic formations
21 including, 1) the foothills of the Sandia and Manzano Ranges, 2) the alluvial
22 fans that form the north and Southeast Heights, and 3) the Atrisco
23 Escarpment; and

24 WHEREAS, these geologic features are subject to the intense summer
25 monsoon rains of the Southwestern United States and Northwest Mexico and
26 the combination of the slopes and the monsoon rains create intense
27 stormwater flows that occur suddenly; and

28 WHEREAS, § 14-5-2-7 “Surface Use Of Streets For Drainage And Flood
29 Control Purposes” of the Albuquerque City Code of Ordinance requires that
30 Albuquerque’s roadways be designed to capture these flows, roadways
31 subsequently are built with 8-inch curbs to convey stormwater to the inlets in
32 the road’s gutter pans, and the inlets are connected to stormwater pipes

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1 located under the road and could also direct stormflows to green stormwater
2 system; and

3 WHEREAS, Section 12.1.4 of the Albuquerque Bernalillo County
4 Comprehensive Plan establishes a policy to reduce or eliminate flooding by
5 improving ponding and drainage capacities in an environmentally sensitive
6 manner through the development process and in coordination with flood
7 control agencies; and

8 WHEREAS, Section 12.1.4.a of the Albuquerque Bernalillo County
9 Comprehensive Plan establishes a policy to minimize and mitigate stormwater
10 run-off from development by limiting the amount and extent of impervious
11 surfaces and encouraging landscaped medians and parking swales; and

12 WHEREAS, Section 13.2.2 of the Albuquerque Bernalillo County
13 Comprehensive Plan establishes as a policy to foster the efficient
14 management and use of water development and infrastructure; and the
15 watering of street landscaping is a heavy water use; and

16 WHEREAS, many opportunities remain to improve street rights-of-way,
17 especially in established areas of the City, including pre-scheduled projects
18 that provide opportunities to consider new configurations; and

19 WHEREAS, public demand for sustainable, or 'green,' stormwater street
20 infrastructure is increasing across a mutigenerational spectrum of people; and

21 WHEREAS, best storm water system design practices in arid and semi-arid
22 climates utilize green stormwater practices adopted to arid and semi-arid
23 climates. These practices mimic natural processes to retain and use
24 stormwater by promoting infiltration, evapotranspiration, and healthy soils
25 throughout the landscape; and

26 WHEREAS, retaining and filtering stormwater on-site reduces
27 unfiltered stormwater flows into the Rio Grande and bolsters the City efforts to
28 comply with the requirements of the Regional Municipal Separate Stormwater
29 Sewer System Permit issued by the Environmental Protection Agency under
30 the Federal Clean Water Act; and

31 WHEREAS, this update to the Complete Streets Ordinance shall encourage
32 sustainable stormwater management in roadway construction.

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1 BE IT ORDAINED BY THE COUNCIL, THE GOVERNING BODY OF THE CITY OF
2 ALBUQUERQUE:

3 SECTION 1. Chapter 6, Article 5, Part 6, Section 5 of the Revised
4 Ordinances of Albuquerque is hereby amended to insert a new definition in §
5 6-5-6-5 DEFINITIONS:

6 [ARID ADAPTED GREEN STORMWATER INFRASTRUCTURE. A set of
7 practices adapted to arid and semi-arid climates that mimic natural processes
8 to retain and use stormwater. By promoting infiltration, evapotranspiration,
9 and healthy soils throughout the landscape, green infrastructure preserves
10 and restores the natural water balance.]

11 SECTION 2. Chapter 6, Article 5, Part 6 , Section 6 of the Revised
12 Ordinances of Albuquerque is hereby amended to add a new subsection (K) as
13 follows:

14 “§6-5-6-6 GENERAL POLICY.

15 The following complete streets principles shall apply to all projects on streets
16 that are within the jurisdiction of this ordinance. All applicable provisions that
17 further the concept of Complete Streets within the Development Process
18 Manual and the Capital Implementation Program must also be considered.

19 [(K) Arid adapted ‘Green stormwater infrastructure’ best practices shall be
20 designed and incorporated into road improvement, median, landscape buffer,
21 and bulb-out projects to the extent practicable to allow for stormwater
22 infiltration and landscape irrigation. Green stormwater infrastructure features
23 that should be incorporated into Complete Streets Projects include:

24 (1). Green stormwater features should be depressed to collect and filter
25 stormwater by biological processes and supply supplemental irrigation to
26 landscape plants.

27 (2). Excess stormwater not infiltrated should be directed into the existing
28 storm drain system as an overflow catchment.

29 (3). To allow for maximum stormwater infiltration into the soil, to
30 generate healthy soils that enable and improve the biological filtering process,
31 organic mulch should be used in areas that do not have high flow rates and
32 non-permeable fabric and other barriers that block infiltration should not be
33 included in green stormwater Infrastructure.

1 (4). Green stormwater infrastructure shall be designed for ease of
2 maintenance by including a sediment trap or other best practice for the
3 collection and removal of debris, trash, and sediment.

4 (5). Other features, as needed, which meet the intent of Arid Adapted
5 Green Stormwater Infrastructure as defined in § 6-5-6-5.]”

6 SECTION 3. SEVERABILITY CLAUSE. If any section, paragraph, sentence,
7 clause, word or phrase of this Ordinance is for any reason held to be invalid or
8 unenforceable by any court of competent jurisdiction, such decision shall not
9 affect the validity of the remaining provisions of this Ordinance. The Council
10 hereby declares that it would have passed this Ordinance and each section,
11 paragraph, sentence, clause, word or phrase thereof irrespective of any
12 provision being declared unconstitutional or otherwise invalid.

13 SECTION 4. COMPILATION. Sections 1 and 2 of this Ordinance shall
14 amend, be incorporated in, and made part of the Revised Ordinances of
15 Albuquerque, New Mexico, 1994.

16 SECTION 5. EFFECTIVE DATE. This Ordinance shall take effect five (5)
17 days after publication by title and general summary.

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