



DEPARTMENT OF ENGINEERING & CAPITAL PROJECTS

ENGINEERING & CONSTRUCTION STANDARDS DIRECTIVE

SUBJECT: CRUSHED AGGREGATE BASE SPECIFICATIONS

NUMBER: 2024-01

DATE EFFECTIVE: APRIL 15, 2024

SUPERCEDES: 2000-01

PURPOSE:

To allow the use of alternate, high-quality Crushed Aggregate Base materials in roadway construction while assuring the optimal and long-term performance of paved roadways in the City of Chula Vista

REFERENCES

Standard Specifications for Public Works Construction (“Greenbook”) Section 200-2.2; City of Chula Vista Subdivision Manual; Department of Transportation Standard Specifications Section 26-1.02.

PROCEDURES

The following Crushed Aggregate Base Specifications shall apply to all roadway construction within the City of Chula Vista:

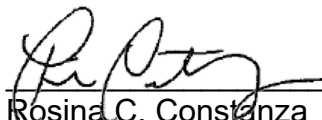
1. Roadways Designated as Class III Collector (or Equivalent) and Lower: Crushed Aggregate Base with a Minimum Sand Equivalent of 50 shall be used for Class III Collector (or equivalent) roadways and residential streets, provided all other quality requirements specified for Crushed Aggregate Base in Section 200-2.2 of the Greenbook are satisfied.
2. Roadways Designated as Industrial and Class II Collector (or Equivalent) and Higher: Crushed Aggregate Base conforming to the quality requirements set forth in Greenbook Section 200-2.2 shall be used for Industrial Roadways, Prime Arterials, Major Roadways, and Class I and II Collectors (and their equivalents). Alternatively, Crushed Aggregate Base with a Minimum Sand Equivalent of 50 and Minimum Fine Durability Index of 60.
3. Recycled Materials: Recycled base materials as set forth in Section 26-1.02 of the Department of Transportation Standard Specifications meeting all quality requirements for Crushed Aggregate Base listed above may be used. Aggregate must be clean and consist of any combination of the following:

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1. Broken Stone
2. Crushed Gravel
3. Natural Rough-Surfaced Gravel
4. Sand
5. Processed Reclaimed Asphalt Concrete, PCC, LCB or CTB

APPROVED:



Rosina C. Constanza

Director of Engineering & Capital Projects/City Engineer (Acting)

4/25/2024

DATE