

CITY OF TUCSON, ARIZONA
DEPARTMENT OF TRANSPORTATION

ENGINEERING DIVISION
ACTIVE PRACTICES GUIDELINES

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APPROVED BY: *J. D. Turner* DATE: April 28, 1993
City Engineer

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SUBJECT: SEAL COATING OF PRIVATELY DEVELOPED STREETS

1.01 PURPOSE

- A. To establish guidelines on when to require the placement of a bituminous surface treatment upon the asphaltic concrete pavement surface of privately developed and/or improved streets and roadways constructed within the City of Tucson.
- B. To provide for Chip Seal Coat and Provisional Seal Coat as acceptable bituminous surface treatments within the City of Tucson, as may be required and in accordance with Section 404 of the Standard Specifications.

1.02 BACKGROUND

- A. Historically, the City of Tucson has required that asphaltic concrete pavement constructed as a private development be constructed with a Chip Seal Coat placed upon the newly placed asphaltic concrete pavement. For some time, this requirement was also imposed by Pima County. More recently, since adoption of the 1988 Standard Specifications (and thus revised asphaltic concrete requirements), Pima County has discontinued this practice. While it is not currently a specification requirement (under the 1988 specifications), it has simply remained the City's policy to require the placement of a seal coat on privately constructed roadways and streets.

1.03 GENERAL PRACTICE

- A. It shall be the general practice of the City of Tucson to allow the construction (and acceptance) of privately developed roadways and streets without the requirement to place a bituminous surface treatment upon the newly placed asphaltic concrete pavement, for those streets constructed utilizing the City's Mix #2 as the surface course.

- B. It shall be a requirement to place a Bituminous Chip Seal Coat upon the pavement surface of those roadways and streets constructed utilizing the City's Mix #1 as the surface course.

1.04 EXCEPTIONS

- A. When the privately developed and newly constructed street and/or roadway pavement is not constructed full width, (i.e., tapers, turn lanes, half-roadways abutting existing pavement, etc.), it shall be a requirement to provide a uniform surface texture for the full roadway width. If the existing roadway or street being abutted has a Chip Seal Coat surface, then the newly constructed asphaltic concrete pavement shall also be Chip Seal Coated. If the roadway or street surface is scarred or damaged during construction or prior to acceptance by the City, then the surface shall be Chip Seal Coated to provide an aesthetically pleasing and uniform surface. When required, Chip Seal Coat shall be placed in accordance with the requirements of the Standard Specifications.
- B. Provisional (or Chip) Seal Coat shall be applied to the surface of all asphaltic concrete pavement anticipated to remain essentially traffic-free for more than 3 months, or when the pavement surface is expected to remain relatively traffic free for any 30 day (or more) period during the May 31 to September 1 and November 15 to March 15 time intervals.

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