

Memorandum

TO: Steve Nguyen, Engineering Manager

FROM: Scott Brink, Director of Public Works

DATE: December 21, 2018

SUBJECT: New Asphalt Street Construction Policy for Developments

The design of all new streets constructed with asphalt pavement shall be based on the City of Wheat Ridge (“City”) standard for asphalt thickness, or shall be designed and based upon the pavement design recommendation from the geotechnical or pavement engineer’s report, and as approved by the Director of Public Works. The bottom lift of asphalt pavement shall be maintained by the development project (“project”) for a minimum of one winter subsequent to its placement, which shall include several freeze thaw cycles (hereafter referred to as the “winter cycle”) prior to the placement of the top final lift of asphalt.

The winter cycle is deemed by the City to have commenced immediately following placement of the bottom lift of asphalt pavement and shall be placed between April 1 and December 1 in the same calendar year. The winter cycle is deemed by the City to have ended on April 1 of the year following the placement of the bottom lift, and at such time as the ambient air temperature meets or exceeds the Colorado Department of Transportation specifications for paving of the top lift of asphalt.

No portion of the street shall have a final lift of asphalt placed until all street improvements and/or appurtenances to the street related to the project, including but not limited to, centerline Right-of-Way survey monuments, underground utilities, and street lighting improvements, have been fully installed or constructed. Underground utilities must be final approved by the appropriate utility company, and all appurtenances, including valve covers, manhole castings, etc. must be adjusted to the final elevation.

Prior to conclusion of the required winter cycle a top lift of asphalt may be placed level to the curb and gutter (no crown) when recommended by the pavement engineer, or if requested by the project contractor, developer, or representative of the developer. Prior approval by the Director of Public Works (“Director”) for the level top lift shall be required prior to commencement of its placement. Failure to attain prior approval may result in complete removal of said level top lift at the sole expense of the contractor.

Subsequent to placement of the level top lift of asphalt pavement, the pavement shall be maintained by the project owner/developer for the entirety or remainder of the winter cycle. Prior to the placement of the final top lift (crowned) of asphalt meeting the City standard, edge milling and additional pavement as needed to construct the cross slope, final grade(s) and/or

crown per the previously approved design shall be required and be completed at the sole expense of the project contractor or developer. Prior to placement of the final (top) lift, the installation shall be subject to approval of the Director of Public Works or his/her designee.