



PUBLIC WORKS COMMISSION
Regular Meeting

Date: March 6, 2017

Meeting Called to Order: 5:30 p.m.

Meeting Adjourned: 6:38 p.m.

Present: Mike Riedmuller, Steven Peterson, William Leung, Richard Follmer, Kira James, Jacob Kuntz,
Staff Present: Bob Goebel, P.E., Public Works Director; Dan Sailer, P.E., Assistant Public Works Director;
 Carl Armijo, P.E., Engineering Manager, Aaron Monks, Project Manager; Tony Marusiak, Project Manager;
 Linda Angus, Administrative Supervisor; Jeanne Stevens, Engineering Manager – Water Department; Dave
 Corliss, Town Manager
Absent: Thomas Feeney; Jess Lobban, Council Rep

ITEM/SUBJECT	ACTION/BY	DISCUSSION/REPORT
Call to Order	Mike Riedmuller, Chair	Meeting was called to order. A quorum was present.
Public Comment on Items Not on the Agenda		None
Minutes	Motion made by Commissioner Steve Peterson; seconded by Commissioner Kira James	It was motioned, seconded and approved by the Public Works Commission to accept the action minutes of January 9, 2017. Motion carries unanimously.
Award of Contracts for the 2017 Pavement Maintenance Program	Aaron Monks, Project Manager	<p>The purpose of this item is to seek the Commission’s recommendation to Council to approve the award of the six (6) Pavement Maintenance Program (PMP) contracts for 2017. PMP is the Town’s annual program that allows us to make the needed repairs to the street system. This program is necessary to keep our infrastructure in good condition for the safety of the traveling public and extend the useable life of the street.</p> <p>Mr. Monks discussed the rotating regionalized plan and the benefits to this approach. This regionalized plan was approved by Council in 2011. A map of the regionalized areas was presented.</p> <p>Town staff determines which streets require maintenance by evaluating the street’s condition rating based on a visual analysis. Following the visual inspection, staff utilizes a pavement maintenance software program, Cartegraph, to establish condition ratings which rates them from poor to excellent condition. After all these factors are analyzed, the type of street maintenance treatment is identified. The software’s</p>

	<p>Motion made by Commissioner William Leung; seconded by Commissioner Steven Peterson</p>	<p>recommendations are evaluated and a comprehensive plan is created to maintain the program’s overall condition index (OCI) goals and develop a budget for maintenance.</p> <p>Our average “benchmarks” for the OCI rating of our segments are as follows: primary streets - 75 OCI and local residential (secondary) streets - 70 OCI. Primary streets (arterials and major collectors) are evaluated every year while secondary streets (minor collectors, local residential) are evaluated every five years.</p> <p>The different treatments that will be offered in this year’s program include:</p> <ul style="list-style-type: none"> • Asphalt Overlay and Full Depth Reclamation • Concrete Pavement Restoration • Curb, Gutter and Sidewalk Replacement • Reconstruction Project • Slurry Seal • Mastic and Crack Seal <p>Work is scheduled for the South PMP region. Mr. Monks reviewed with the Commission the various area maps and explained where the various treatments would be applied.</p> <p>The total budget for 2017 PMP is approximately \$6.9M. The amount of the contracts (with a Town managed contingency) is approximately \$6.8M which leaves approximately \$92,000 of unencumbered funds. Staff does feel comfortable that the projects can be managed within budget.</p> <p>This item is scheduled to be presented to Town Council tomorrow night.</p> <p>It was motioned, seconded and approved by the Public Works Commission to recommend to Town Council to adopt the proposed motion on Page 5 and 6, Items A-F of the Public Works Commission packet exactly as written. Motion carries unanimously.</p>
<p>Resolution Authorizing the Town Manager and Finance Director to Reallocate Approved Funds for the Pavement Maintenance Program</p>	<p>Aaron Monks, Project Manager</p>	<p>The purpose of this item is to receive a favorable recommendation from the Commission to Council to authorize the Town Manager and Finance Director to reallocate approved contract funds within the 2017 Pavement Maintenance Program (PMP). By approving this action, staff, with the approval of the Town Manager and Finance</p>

	<p>Motion made by Commissioner Steven Peterson; seconded by Commissioner Kira James</p>	<p>Director, will have the ability to reallocate approved funds between each PMP contract and utilize the approved contractors to complete additional work without having to go out for bid. This would expedite the needed additional work by minimizing the necessity for contractors to remobilize resources to an area where they are already working and complete this additional work allowing for reduced disruption to the traveling public. This action will utilize the savings on various contracts and not exceed the total appropriated 2017 PMP budget.</p> <p>It was motioned, seconded and approved by the Public Works Commission to recommend to Town Council to approve a Resolution authorizing the Town Manager and Finance Director to reallocate funds for the Pavement Maintenance Program. Motion carries unanimously.</p>
<p>Resolution Approving a Variance Pursuant to Chapter 9.16.070.E of the Castle Rock Municipal Code for Night Time Construction Activities Related to the 2017 Pavement Maintenance Program, 2017 Bridge Maintenance Program, Meadows Parkway Reconstruction Project, and Perry Street and Third Street Roundabout Project</p>	<p>Aaron Monks, Project Manager</p> <p>Motion made by Commissioner Jacob Kuntz; seconded by Commissioner Steven Peterson</p>	<p>Staff is seeking a recommendation from the Commission to Town Council for an approval of a variance to the noise ordinance allowing Public Works to perform various planned street maintenance activities at night which is outside the timeframe in the current municipal code. Night work benefits residents and businesses by reducing traffic disruptions. Night work can also expedite construction schedules.</p> <p>A map was presented indicating where the major locations of night work would take place.</p> <p>There is a communication plan established to notify both businesses and residents as to when all work will be performed.</p> <p>It was motioned, seconded and approved by the Public Works Commission to recommend to Town Council to approve a variance pursuant to Chapter 9.16.070.E of the Castle Rock Municipal Code for the 2017 Pavement Maintenance Program, 2017 Bridge Maintenance Program, Meadows Parkway Reconstruction Project, and Perry Street and Third Street Roundabout Project.” Motion carries unanimously.</p>
<p>Resolution Approving an Intergovernmental Agreement between the Town of Castle Rock and CDOT for the Reconstruction</p>	<p>Tony Marusiak, Project Manager</p>	<p>The purpose of this item is to seek the Commission’s recommendation to Council to approve an Intergovernmental Agreement (IGA) with CDOT for the design and reconstruction of Meadows Parkway.</p>

<p>of Meadows Parkway between US 85 and Meadows Boulevard</p>	<p>Motion made by Commissioner William Leung; seconded by Commissioner Steven Peterson</p>	<p>Mr. Marusiak discussed the project location and scope with the Commission. This project will replace the deteriorating concrete roadway with asphalt, replace damaged concrete curb, gutter and sidewalk, upgrade curb ramps to ADA standards, and stripe the new roadway for bike lanes.</p> <p>The Town was awarded Federal grant funds as part of the regional Transportation Improvement Program (TIP) which is administered through the Denver Regional Council of Governments (DRCOG). CDOT requires this IGA to be executed prior to issuing the project’s notice to proceed.</p> <p>Mr. Marusiak reviewed the IGA financing with the Commission. With the Federal funds, the Town is receiving, \$1,333,000 in which the Town is required to provide 20% matching funds; however, the Town will provide a total of 33% bringing the total funds available \$1,987,000.</p> <p>The Town’s responsibilities under this IGA include administration of all project phases: design, bidding, and construction. Tony reviewed the timeline for these phases. Staff is looking at an incentive for early completion worked into the construction contract.</p> <p>The Prairie Hawk Drive widening project that will be completed by Castle Rock Development Company this summer was discussed.</p> <p>It was motioned, seconded and approved by the Public Works Commission to recommend to Town Council to approve a Resolution approving an IGA with CDOT for the reconstruction of Meadows Parkway between US 85 and Meadows Boulevard. Motion carries unanimously.</p>
<p>2016 Wastewater Master Plan</p>	<p>Jeanne Stevens, P.E. Engineering Manager - Water Department</p>	<p>The purpose of this item is to present an overview of the 2016 Wastewater Master Plan to the Commission with its process, goals and principles behind it. This item was presented to the Water Commission a couple of weeks ago and will be presented to the Planning Commission this Thursday, and to the Town Council the end of March.</p> <p>The 2016 Wastewater Master Plan is an update of the 2010 master plan. It is the goal of the Water Department to update this every five years. Staff</p>

		<p>started this process in 2015 and it's taken a little over a year to complete.</p> <p>This plan highlights critical findings and recommendations resulting from a reassessment of wastewater program needs for the Town and builds on previous master planning efforts. Some of the planning principles discussed are to protect people, property, and environment by planning for the future thereby being more proactive instead of reactive. Coordination with other departments and developers for infrastructure needs is an important key as well as continuing with rate and fee studies. This allows us to be more fiscally responsible and provide for long-term operations and maintenance ensuring that wastewater planning is part of a total water management approach.</p> <p>The collection system was described. As far as wastewater treatment, the Town only does collections. The Town sends wastewater to the Plum Creek Water Reclamation Authority with some areas in town utilizing the Pinery Water and Wastewater District.</p> <p>A map showing the planned service area was presented.</p> <p>Key performance indicators are:</p> <ul style="list-style-type: none"> • Sewer overflow rate is within the top quartile nationally • Operational costs for 2016 are within the national median • The gallons-per-day processed per employee is in the top quartile nationally. <p>Different elements of the wastewater master planning effort was presented. By looking at these different elements they are able to identify not only needed improvements to the system to handle growth, but also, identify capital rehabilitation and replacement for existing assets. The capital plan is devised to try to spread out capital costs in order to minimize any unexpected jump in rates and/or fees in any one year.</p>
<p>Projects Update</p>	<p>Bob Goebel, P.E., Director of Public Works</p>	<p>An overview of the current Public Works projects/programs was provided to the Commission in their packet.</p>

		<p>The Transportation Master Plan is wrapping up. There is a final open house tentatively scheduled for March 29th, location TBD.</p> <p>Public Works will be upgrading pedestrian crosswalks in the downtown area and adding rapid flash beacons at some locations.</p> <p>The Town's taxi voucher service, Yellow Cab, gave us 60 day notice of ending their contract. Staff is in the process of looking at the service and making sure we have the correct model for the Town's residents.</p>
Council Comments		Absent
Commission/Staff Comments/Concerns		Commissioner Follmer suggested that it would be nice if the tree lighting that occurs downtown during the holiday months could be extended across I-25 to Wolfensberger. The Town Manager commented that that was a good suggestion and he would pass it on!
Adjournment	Mike Riedmuller, Chair	There being no further business, the meeting adjourned.