

ECIA Roads Committee Meeting March 20, 2014

Call to Order: Acting Chair Fred Raznick called the meeting to order at 6PM.

In Attendance:

- Road Committee Members: Fred Raznick, Karen Murry, David Brown, John Reynolds, Pierre Bovis, and Felicia Probert
- ECIA Board Liaison: David Perlmutter and Jan Pietrzak, Board Member
- Residents interested in joining the Road Committee: Paul Drumright

Fred Raznick opened the meeting with a quick round of introductions and all in attendance signing in.

First order of business was a motion by Fred Raznick to nominate Paul Drumright for the Roads Committee. Motion was seconded by John Reynolds. Motion approved unanimously by the Committee. Fred will submit Paul's name to the ECIA Board for approval.

Fred introduced Mr. Robert Martinez, Director, Operations and Maintenance Division, Santa Fe County. Mr. Martinez provided the following overview to the Committee.

- As the Director, Mr. Martinez oversees a variety of functions including solid waste, traffic engineering, fleet maintenance, open space and trails, in addition to road maintenance.
- County residents can report road maintenance needs in two ways; by phone at 992-3010 or via the web portal through the County website. Mr. Martinez stressed that downed or missing stop signs are to be called in immediately and that the County has a requirement to repair/replace a stop sign within 2 hours due to the associated safety concerns. The web portal is linked to Cartograph, the work order system. Cartograph will only accept work orders on County maintained roads.
- Santa Fe County maintains 580.14 miles of roads spread out over 2000 square miles. Santa Fe County is bounded by Rio Arriba County to the north, Tarrant County to the south, Bernalillo & Sandoval to the West, and San Miguel County to the east.
- The County is divided into 5 road maintenance districts. Districts are geographically based, not a proportional distribution of the miles of road. District 1 has 85 miles of road. District 2 has 175 miles of road. District 3 has 90 miles of road. District 5 has 152 miles of road.
- Eldorado makes up a single district, District 4. There are 4 employees assigned to the District, 1 foreman and 3 operators. Eldorado is one of the few communities who realize the need to be proactive in working with the County to identify and fund road improvement projects.
- There are 2 Road Graders assigned to District 4. If you notice one or both parked, it doesn't mean the crew isn't working. It just means the crew may be assigned to other tasks. Crews generally work in their assigned Districts. A crew member may be temporarily assigned to other another District to help with a chip seal project or rarely in weather related emergencies.
- The County currently parks some equipment at the Hondo Fire Station at Highway 285/Old Las Vegas Highway but has no office or work space there. Mr. Martinez reported that they have submitted a request to NMDOT to acquire the property to serve as a County maintenance yard. Currently the District 4 Road Crew reports to the main Office on Hwy 599 near the Airport to pick up equipment each day before heading out to the District. A County site at the Hondo Fire Station location would reduce the travel time to the work site.
- The County rates all roads using the PASER (Pavement Surface Evaluation Rating) System. PASER is a 1-10 rating system for road pavement conditions with 1 being the worst, and 10 being the best. Roads rated at 3 or less requires total reconstruction.
- Because it is more cost effective to maintain a road than to replace it, the goal is to try to maintain the roads at a PASER score of 6 or better.

- Eldorado currently has 26 miles of paved roads. Of that,
 - o 2.8 miles is rated at 10 - Excellent
 - o 1.71 miles is rated at 8 – Very Good
 - o 2.87 miles is rated at 7 – Good
 - o 9.03 miles is rated at 6 - Fair
 - o 8.82 miles is rated at 5 – Fair
 - o .94 miles is rated at 4 – Poor
 - o No paved sections are rated below 4 at the present time.
- Santa Fe County received a \$900,000 TCSP Grant. The funding is being used for maintenance treatments on paved roads. This includes fog sealing of Torreon and Encantado Loop.
- 2013 LGRF funds (NMDOT Grant) are earmarked for chip sealing of Avenida Azul and Caliente.
- 2014 LGRF funds are earmarked for chip sealing of Avenida Vista Grande.
- Mr. Martinez stated that residents often ask why more can't be done. Lack of funds is the limitation. The County's annual materials and contract budget is \$600,000. Approximately 2 miles of paving would quickly exhaust that budget. Mr. Martinez explained that only 1/3 of the taxes collected by the County actually goes to the County and only a portion of the County budget goes to road maintenance. The majority goes to the State and schools.
- Annual maintenance costs for dirt road grading is \$2,000/mile/year. Annual maintenance costs for paved roads is \$5,000/mile/year.
- Mr. Martinez reported that the paved section of Avenida Amistad and Avenida Del Monte Alto may be slurry sealed this year.
- Committee Member John Reynolds requested a quick overview on the different types of road surfaces and maintenance treatments. Mr. Martinez provided the following:
 - o Dirt – is just that, dirt
 - o Base Course – combination of crusher fines and aggregates applied on top of the dirt. Not intended to be a long term road surface. It is often harder to maintain than dirt because of the tendency for the materials to separate in dry weather.
 - o Chip Seal – Alternating layers of oil – 5/8 inch crushed aggregate – Oil – 5/8 inch or smaller crushed aggregate – fog seal.
 - o Fog Seal – Paint the surface with tar.
 - o Asphalt – oil/aggregate mixed at a plant and trucked to paving site. Applied 3 inches thick via a lay down machine.
 - o Slurry Seal – thin (1/2 inch) lift of oil, rock, sand, and cement.
 - o Crack Seal – sealant used to seal cracks that develop in paved surfaces due to freeze/thaw cycles. Two general types used. Rubberized material and an aggregate based material for larger cracks.
- The County looks at other products that come on the market including Road Packers, but nothing seems to have a very high success rate on roads with more than a low volume of traffic.
- The County has been evaluating the best way to apply base course. Historically it has been applied 4 inches thick but that might have been excessive and was accelerating the separation. Looking at applying only 2 inches, and other options including mixing with dirt to improve binding.
- Mr. Martinez advised that the response times for requests for road grading is 14 days because line locators for utilities must be done prior to any grading.
- In response to a question of John Reynolds, Mr. Martinez explained that the ideal way for the grader operator to maintain the bar ditches is to pull the base course material out of the ditch and back onto the road surfaces. Helps to grade it back into the road with water if available. If the existing material isn't pulled from the bar ditches back onto the road surface, the road surface will continue to be lowered below acceptable levels to facilitate water runoff.

The next order of business was to review and approve the Road Committee minutes from the February 17th meeting. John Reynolds made a motion to approve the minutes as presented. Motion was seconded by Karen Murry. Motion approved unanimously by the Committee. Fred will submit the Minutes to the ECIA Office for posting on the website.

Felicia Probert distributed updated Road Inspection forms to the Committee. Committee members chose one of 7 areas to inspect. Area assignments are as follows:

Area 1 Felicia Probert

Area 2 Pierre Bovis

Area 3 Fred Raznick

Area 4 John Reynolds

Area 5 Karen Murry

Area 6 Paul Drumwright

Area 7 David Brown

The inspections will be done anytime starting the week of April 7th with a target completion date of April 19th. Fred offered to get together with any Committee member who would like a refresher on completing the road inspections. Also, based on a question by Pierre Bovis, committee members are encouraged to work together on their inspections. Committee members should send completed road inspection forms to Felicia when complete.

The next meeting was scheduled for Monday April 21st at 6:00 PM at the Community Center. Agenda items will include election of a Committee Chair and Secretary.

Meeting was adjourned at 6:55 p.m.