



SCAN Quarterly Newsletter



Volume 1, Issue 1

2nd Quarter
2012

Quarterly Highlights

- SWCCOG and Eagle Net Ink a Mutual Master Service Agreement.
- SCAN and Fasttrack working together on fiber builds.
- SCAN and USA Communications working together on common fiber routes.
- SWCCOG Member Communities set to begin Fiber Construction.

Inside this issue:

- Grant Admin **1**
Report
- SCAN / Vendor **2**
Relationships
- SCAN Member **3**
Highlights
- Upcoming **4**
Events

Community Outreach

Message from the General Manager

SCAN Regional Update 2nd Quarter 2012

The 2012 building season is upon us and the implementation of the SCAN network is underway. Our goal for the 2012 building window is to complete the builds in the towns of Dove Creek, Dolores, Mancos, Bayfield and Pagosa Springs, along with Dolores, Montezuma, La Plata and Archuleta Counties. We will be sending out a bandwidth usage survey to all the SCAN eligible entities this month. This information will help SCAN determine total Internet capacity needs.

We currently are in the permitting process for Dolores County. We hope to begin the permitting process in Montezuma, La Plata and Archuleta counties shortly. We are conducting community meetings throughout the region getting the word out about SCAN and reaching out to all the community anchor institutions or CAIs. These are all the taxing entities within the region: municipal and county government, schools, library districts, fire districts and a few water and sanitation districts within the region.

We have established relationships with Eagle Net Alliance, Fasttrack Communications and USA Communications in our pursuit of completing this year's targeted build. Each of these entities has expressed a desire to assist with a portion of the community builds within our region. We want to express our gratitude to each of these entities for their support of the SCAN broadband initiative.

Dr. Rick Smith - SCAN General Manager

Grant Administration

The Southwest Colorado Access Network is funded by a \$3M grant from the Colorado Department of Local Affairs with a \$1M match provided by the members of the SW Colorado Council of Governments and other users of the network. There are other administrative revenues budgeted in addition to the grant and original match that total about \$90K. The end of the grant is December of 2013. As of April 30, 2012, \$1,422,260.83 of the grant has been spent leaving \$2,667,626.17 of the budget remaining.

In addition to the overall budget, there is a construction budget allocated for each of the communities.

The table on the following page provides a summary of the Grant Amount; Match Amount; Project Management added; Implementation Budget; what has been expended (based on invoices and receipts submitted) as of April 30, 2012; and the Budget remaining. There is a contingency fund of approximately \$150K. Expenditures for project engineering and construction will increase as more of the communities move into final design and construction. At this time, Rico and Silverton are projected to be completed in 2013, the rest of the communities are anticipated to be substantially complete by the end of 2012.

Ed Morlan - Grant Administrator

“As of April 30, 2012, \$1,422,260. of the grant has been spent , leaving \$2,667,626. of the budget remaining.”

SCAN Fiber Budget by Community (Actual 4-30-12)					
	Bayfield	Cortez	Town of Dolores	Dolores County	Durango
Grant Amount	\$ 307,322	\$ 781,954	\$ 43,279	\$ 103,328	\$ 428,323
Match Amount	\$ 102,441	\$ 260,651	\$ 14,426	\$ 34,443	\$ 142,774
Project Management Added	\$ 8,895	\$ 22,633	\$ 1,253	\$ 2,991	\$ 12,397
Implementation Budget	\$ 418,658	\$ 1,065,238	\$ 58,958	\$ 140,762	\$ 583,494
Expended	\$ 43,417	\$ 545,834	\$ 1,532	\$ 2,301	\$ 354,801
Remaining	\$ 375,241	\$ 519,404	\$ 57,427	\$ 138,460	\$ 228,694
	Ignacio	Mancos	Pagosa Springs	Rico	Silverton
Grant Amount	\$ 74,634	\$ 41,633	\$ 637,037	\$ 60,750	\$ 83,036
Match Amount	\$ 24,878	\$ 13,878	\$ 212,346	\$ 20,250	\$ 27,679
Project Management Added	\$ 2,160	\$ 1,205	\$ 18,439	\$ 1,758	\$ 2,403
Implementation Budget	\$ 101,672	\$ 56,716	\$ 867,822	\$ 82,758	\$ 113,118
Expended	\$ 5,257	\$ 4,044	\$ 180,022	\$ 739	\$ 3,728
Remaining	\$ 96,415	\$ 52,672	\$ 687,799	\$ 82,019	\$ 109,390

Aggregated Demand is Key

The SCAN team identified 259 community anchor institutions (CAIs) in the region. In the Fall of 2010 an online survey was conducted to identify and quantify current and future telecommunications usage and demand of the identified anchor institutions.

Response to the survey was provided by 185 anchor institutions, these included: 59 government agencies, 46 public safety agencies, 55 schools, 15 health facilities and 10 libraries.

Currently (June 2012) bandwidth capacity and costs are being updated so that a cost benefit analysis can be prepared for each CAI.

SCAN / Vendor Partnerships

EAGLE-Net Alliance (EAGLE-Net) and SWCCOG entered into a mutual master service agreement in May 2012 to begin working on details for future network integration. EAGLE-Net is a Colorado intergovernmental entity which operates a cost-sharing cooperative that will deliver a carrier quality broadband network to more than 170 communities across the state. EAGLE-Net is building a sustainable network to better connect education, libraries, government and health care facilities statewide. EAGLE-Net also provides commodity Internet services with access to advanced research and education networks.

Fasttrack Communications and SCAN have agreed to work cooperatively wherever possible to maximize the Department of Local Affairs (DoLA) funding in the region. They are currently working on a master service agreement that will allow this cooperative spirit to become a reality.

USA Communications and SCAN have agreed to work cooperatively within Pagosa Springs where USA Communications and Pagosa Springs and Archuleta County have common fiber routes.

“EAGLE-Net is building a sustainable network to better connect education, libraries, government and health care facilities statewide. “

SCAN Community Progress

Bayfield: Bayfield is in the pre-construction phase of its fiber build. Many things transpire during this phase; final route engineering, the bid process, permitting and finalization of the installation timeline.

Cortez: Cortez was ahead of the curve having already established a network offering lit services to business and government entities. Cortez provides fiber connectivity along with some services to Montezuma County. Cortez has purchased and installed the hub router into their facility and has purchased Internet bandwidth from an upstream provider.

Dove Creek: Dove Creek is one of three communities that is a lateral build for Eagle Net. As such the fiber construction is in the hands of Eagle Net and its construction arm. They are currently in the county permitting process. Community anchor institutions have been identified and a final route is being discussed with the Eagle Net team.

Dolores: Dolores is also one of the three communities that is a lateral build for Eagle-Net. The community anchor institutions have been identified and considerable time has been spent adjusting the Eagle Net route to accommodate both the schools and the Town. The identified route would ensure the library the fire district as well as local businesses have the option of

attaching to the fiber.

Durango: Durango is also a leader in the SWCCOG through its fiber implementation. Durango worked with La Plata County to build a robust fiber network ensuring connectivity of government office buildings, schools and library. Durango currently leases its excess capacity to vendors. The leases have fostered a good working relationship between Durango and the local vendors. Durango also has purchased a hub router and is purchasing Internet bandwidth from an upstream provider. Durango's Internet contract allows for upward purchases as other SWCCOG members fiber is installed.

Ignacio: Ignacio is connected through the school district fiber loop. Ignacio and the schools are doing a joint build where the new school is being constructed. The library is already connected and utilizing the fiber. Attention is now turning towards the fire district to get them connected.

Mancos: Mancos is the third community that is a lateral build for Eagle Net. The proposed Mancos fiber route ensures connectivity for the schools, Town, library and the fire district. Mancos has begun to visit with local businesses about the fiber options.

Pagosa Springs: Pagosa Springs is working jointly with

Archuleta County to bring broadband availability to the Pagosa Springs area. Pagosa Springs and Archuleta County are working on an agreement with USA Communications to jointly build where the common routes are identified. Outside of the common routes Archuleta County is contacting the community anchor institutions; fire district, school district, hospital district and library to participate to extend the fiber network throughout the area.

Rico: Rico is scheduled for the 2013 build season. It is anticipated that a regional vendor will assist in the Rico build to connect the school and government to a fiber mesh. Continuing conversations between the SCAN general manager and Rico will take place in the later quarters of 2012 to prepare for the fiber build in the ensuing year.

Silverton: Silverton is also scheduled for the 2013 build season. However, Silverton and San Juan County are working to determine the best possible fiber route ensuring government buildings along with the schools and other anchor institutions have the opportunity for connection.

Southwest Colorado

Community College: At this juncture the College has not committed to the matching funds for a fiber connection to its western most campus located between Cortez and Mancos. A September decision is anticipated.

Community Outreach

Region 9 EDD
Ed Morlan
ed@scan.org
Phone 970-247-9621

SWCCOG Questions
Email Susan Hakanson
Director@swccog.org
Phone 970-382-6212

SCAN Questions
e-mail Dr. Rick Smith:
drricksmith@aronaenterprises.com
Phone 970-759-2229

SCAN - Connecting local governments to the future!



The Southwest Colorado Access Network (SCAN) is a government owned open access network. Its purpose is to connect government entities, aggregate demand for services and promote economic development,

Upcoming Meeting Schedules *

June	1	SWCCOG	1:30- 3:30
June	13	Telecom mtg	3:00- 4:30
July	13	SWCCOG	1:30- 3:30
July	18	Telecom mtg	3:00- 4:30
August	3	SWCCOG	1:30- 3:30
August	22	Telecom mtg	3:00- 4:30

* SWCCOG meets in the Anasazi Room in the La Plata County Court House.

We're on the web!

<http://www.swccog.org/projects/telecommunications>

Southwest Colorado Broadband Supporters

Bringing Broadband services to the southwest region of Colorado is a difficult task for any single entity, much less any government. However, combining the talents of many vendors and the efforts of the Southwest Colorado Council of Governments, broadband availability is quickly becoming a reality. The following entities are working hard to make Broadband readily available and affordable to governments, education, businesses and residents in our region:

Broadband USA



Brainstorm Internet



Cedar Networks



Eagle-Net Alliance



Fasttrack Communications



OHivey, LLC



Mid-States Consulting



Region 9



Southwest Colorado Council of Governments

