

Engineering and Construction Summary for Fixed Wireless Conversion to Wire Line

For

Saddleback Communications

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FIGURE 1 FIXED WIRELESS MAP

Saddleback Communications has approximately 237 fixed wireless customers within their serving area. Approximately 98% of the customers are included in five Carrier Serving Areas (CSA). They are CSA-4, CSA-6, CSA-9, CSA-10, and CSA-13. See Figure 1 for boundary locations. There are currently thirty-two projects in various stages of completion that will accomplish the removal from fixed wireless delivery to wire line delivery. The 2% of fixed wireless services not in the above areas will be served by aerial drop wire from the closest CSA. The following is a summary of project activity with a brief explanation for each CSA:

CSA-4 Lehi

Engineering is complete and all required permits have been obtained except 221A051 that required an amendment due to a new road improvement project by Maricopa County Department of Transportation. Turn up of new electronic equipment and placement of copper cables for service is currently under way. Completion date is expected in approximately one year. Projects and status are shown below:

PROJECT NAME	MAJOR CROSS ROADS	JOB #	CSA	% COMP	Projected Cost	Completion Date
PL UE, MH, & Conduit for Lehi	OAK & STAPLEY	221A020	4	70%	\$ 85,000.00	1-Sep-03
Prepare conduit run to feed Lehi	Beeline & Gilbert	221A030	4	80%	\$ 66,000.00	1-Oct-03
Cable Lehi-Copper	Stapley & Oak	221A051	4	50%	\$ 135,000.00	1-Nov-03
Place fiber cables for Lehi feed.	Beeline & Gilbert	221A052	4	90%	\$ 65,000.00	1-Mar-04
Blanket Job PI drop wire	Various locations in CSA	221A059	4	100%	\$ 10,000.00	1-Jun-03
Blanket Job PI drop wire	Various locations in CSA	321A004	4	50%	\$ 10,000.00	1-Jun-04
Total Project Cost CSA-4					\$371,000.00	

CSA-6 Open Area

Engineering is 30% complete. Required permits include SRPMIC tribal permit, and Arizona Department of Transportation permit. In addition and environmental impact and cultural impact studies and reports require completion. Facilities placed on 321A306 will provide backbone copper and fiber networks that will enable removal of fixed wireless service to customer. Completion date is expected to be approximately December 2005. Projects and status are shown below:

PROJECT NAME	MAJOR CROSS ROADS	JOB #	CSA	% COMP	Projected Cost	Completion Date
Place 1650 ASW12/22 feed terminal F3396-1 N Longmore	10301 E. Earll service address	221A004	6	100%	\$ 20,000.00	1-Dec-02
PI UE9000 & Cabinet cut over facilities	Indian Bend Rd & Mesa Dr	221A350	6	1%	\$ 125,000.00	1-Dec-05
Blanket Job PI drop wire	CSA-6	221A061	6	100%	\$ 5,000.00	1-Dec-02
Blanket Job PI drop wire	Various locations in CSA	321A006	6	50%	\$ 5,000.00	3-Jul-04
Place fiber and copper cable to replace fixed wireless.	Indian Bend Rd & Mesa Dr	321A306	6	1%	\$ 225,000.00	1-Jun-05

Total Project Cost CSA-6**\$ 380,000.00**

CSA-9 Chaparral

Engineering is complete and all major permits have been obtained. Construction is in progress and facilities are expected to be placed and in service by December 31, 2003. Service wire placement for scattered services is planned to extend to the end of 2004. Projects and status are shown below:

PROJECT NAME	MAJOR CROSS ROADS	JOB #	CSA	% COMP	Projected Cost	Completion Date
Place 300 pair ca. N to Vista Dr	Alma School & Indian School Rd	221A003	9	100%	\$ 65,000.00	13-Dec-02
Home Depot	Pima & Indian Bend	221A012	9	100%	\$ 12,000.00	20-Oct-02
Rehab-Replace cable on Chaparral RD	8917 Chaparral SAI to Longmore & Dobson Chaparral to McDonald	221A014	9	10%	\$ 85,000.00	15-Aug-03
PI 100 pr at Chaparral Bus Park	Pima & Chaparral	221A024	9		\$ 21,000.00	19-Apr-02
Blanket Job PI drop wire	CSA-9	221A063	9	100%	\$ 12,000.00	31-Dec-02
Blanket Job PI drop wire	Various locations in CSA	321A009	9	50%	\$ 15,000.00	31-Dec-05
DS3 to P1to Chaparral	8800 E. Chaparral	321A030	9	10%	\$ 16,000.00	3-Dec-04
Total Project Cost CSA-9					\$ 226,000.00	

CSA-10 Canal Side

Engineering is complete and permits obtained for all jobs in this CSA. Construction is currently in progress with three projects completed. Jobs 321A018 and 321A028 place facilities to serve areas on the outer perimeter of this CSA. Major placement of cabling is expected to be complete in July 2005 with cut over complete in December. Projects and status are shown below:

PROJECT NAME	MAJOR CROSS ROADS	JOB #	CSA	% COMP	Projected Cost	Completion Date
JU JE9-5006 SRP Joint Use	Highland & Extension	221A011	10	90%	\$ 73,500.00	31-Oct-03
Reroute cable cut over to canal side SAI	Camelback & Center	221A023	10	10%	\$ 127,500.00	1-Jul-05
Rehab peds	Extension & Montecito & Camelback	221A028	10	100%	\$ 5,100.00	31-Dec-02
PL 12 PR Drops RMV CRW	Olive & Mesa DR N/O Canal	221A029	10	50%	\$ 35,000.00	31-Dec-03
Piece out cable for service	Vista & Extension	221A038	10	100%	\$ 2,300.00	31-Oct-02
Blanket Job PI drop wire	CSA-10	221A064	10	100%	\$ 15,500.00	31-Dec-02
Blanket Job PI drop wire	Various locations in CSA	321A010	10	50%	\$ 15,500.00	31-Dec-05
SVC 10683 E Camelback	Extension and Camelback	321A018	10	50%	\$ 55,000.00	31-Dec-05
BUR CA Country Club	Country Club and Chaparral	321A028	10	100%	\$ 32,500.00	31-Dec-04
Total Project Cost CSA-10					\$ 361,900.00	

CSA-13 Higley

This area contains some of the most difficult services to convert to wire line. Trenching for cable placement will cross rugged desert areas and the Salt River. Engineering is 30% complete. Required permits include SRPMIC tribal permit, Army Corps of Engineers 404 permit for the Salt River crossing, and Arizona Department of Transportation permit for placement of facilities on the Beeline Highway. In addition environmental impact and cultural impact studies require completion. Projects and status are shown below:

PROJECT NAME	MAJOR CROSS ROADS	JOB #	CSA	% COMP	Projected Cost	Completion Date
Place Power and Cabinet for Service on Beeline	Gilbert and Beeline	221A055	13	10%	\$ 14,000.00	13-Dec-03
Power for new RT	Beeline & Gilbert	221A067	13	100%	\$ 3,500.00	31-Dec-02
Blanket Job	Various locations in CSA	321A013	13	50%	\$ 6,500.00	31-Dec-03
Place fiber and remote cabinet	Higley & River bottom	321A307	13	5%	\$ 250,000.00	1-Apr-06
Place conduit and MH for fiber	Beeline & Salt River Rd	321A305	13	5%	\$ 430,000.00	1-Jun-05
Total Project Cost CSA-13					\$ 704,000.00	