#### SCHOOL CONSTRUCTION BOND CITIZENS' OVERSIGHT COMMITTEE

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L.A. Co. Auditor-Controller's Office

Gary C. Anderson, PhD **Bond Administrator Daniel Hwang** Administrative Analyst

Oversight Committee Consultant

#### **RESOLUTION 2014-38**

#### **BOARD REPORT NO. 094-14/15**

#### AMENDMENT TO THE INFORMATION TECHNOLOGY STRATEGIC EXECUTION PLAN TO DEFINE AND APPROVE IT NETWORK EQUIPMENT UPGRADES

WHEREAS, District Staff proposes that the Board of Education amend the Information Technology Division (ITD) Strategic Execution Plan (SEP) as described in the Board Report No. 094-14/15 a copy of which is attached hereto in the form it was presented to the BOC and is incorporated herein by reference (the "Project") to:

- Define and approve scope, budget, and filing of E-rate applications for 301 school site projects that include network equipment upgrades and related services. The total budget of \$58,887,726 includes \$10,448,700 in bond funds, \$12,986,517 in existing E-rate funds, and \$35,452,509 in anticipated E-rate funds.
- Reduce scope and budget and file E-rate applications for 56 previously approved site network convergence projects (Board Report# 388-13/14). The scope will be reduced to network equipment upgrades and related services only. This reduces the budget from \$25,418,669 to \$7,963,820. The budget includes \$4,825,535 in existing E-rate funds and \$3,138,285 in anticipated E-rate funds.

WHEREAS, the District recently invested in replacing obsolete wireless network equipment to improve network access for wireless devices for teachers and students (BOE# 248-13/14, adopted on February 11, 2014 and BOE# 392-13/14, adopted on May 13, 2014), but this was only a partial network upgrade and the wired network equipment continues to age; and

WHEREAS, the District plans to seek E-rate funding to replace network equipment ranging in age from 7 to 14 years at 358 school sites between the third quarter of 2015 and fourth quarter of 2017 contingent upon actual E-rate funding date; and

WHEREAS, the proposed action is consistent with the District's long-term goal to address unmet school needs as described in Proposition BB and Measures K, R, Y, and Q; and

#### **RESOLUTION 2014-38**

### AMENDMENT TO THE INFORMATION TECHNOLOGY STRATEGIC EXECUTION PLAN TO DEFINE AND APPROVE IT NETWORK EQUIPMENT UPGRADES PAGE 2

WHEREAS, District Staff states that the proposed action impacts Bond Program and E-rate Funds only. The total combined budget is \$66,851,546: \$10,448,700 in current ITD Network Modernization Measure K, R, and Y bond funds; \$17,812,052 in available E-rate funds; and \$38,590,794 in anticipated E-rate funds; and

WHEREAS, District Staff has concluded that this proposed SEP Amendment will facilitate the implementation of the ITD-SEP, and therefore it will not adversely affect the District's ability to successfully complete the ITD-SEP.

#### NOW, THEREFORE, BE IT RESOLVED THAT:

- 1. The School Construction Bond Citizens' Oversight Committee recommends that the Board of Education amend the Information Technology Division (ITD) Strategic Execution Plan (SEP) as described in the Board Report No. 094-14/15 a copy of which is attached hereto in the form it was presented to the BOC and is incorporated herein by reference (the "Project") to:
  - a. Define and approve scope, budget, and filing of E-rate applications for 301 school site projects that include network equipment upgrades and related services. The total budget of \$58,887,726 includes \$10,448,700 in bond funds, \$12,986,517 in existing E-rate funds, and \$35,452,509 in anticipated E-rate funds.
  - b. Reduce scope and budget and file E-rate applications for 56 previously approved site network convergence projects (Board Report# 388-13/14). The scope will be reduced to network equipment upgrades and related services only. This reduces the budget from \$25,418,669 to \$7,963,820. The budget includes \$4,825,535 in existing E-rate funds and \$3,138,285 in anticipated E-rate funds.
- 2. This resolution shall be transmitted to the Los Angeles Unified School District Board of Education and posted on the Bond Oversight Committee's website.
- 3. That a written response as required by the Charter and Memorandum of Understanding between the Oversight Committee and the Board be provided to the Oversight Committee within 30 days, reporting either on action taken or proposed to be taken in response to this resolution and each recommendation herein.

ADOPTED on September 25, 2014 by the following vote:

AYES: 9	ABSTENTIONS: 0
NAYS: 0	ABSENCES: 5
Stephen English	Pamela Schmidt
Stephen English	Pamela Schmidt
Chair	Vice-Chair



### **Board of Education Report**

**Report Number:** 094-14/15

**Date:** October 14, 2014

**Subject:** Amendment to the Information Technology Strategic Execution

Plan to Define and Approve IT Network Equipment Upgrades

**Responsible Staff:** 

Name: Ronald Chandler

Office/Division Information Technology Division

Telephone No. 213-241-8794

#### **BOARD REPORT**

**Action Proposed:** Staff proposes that the Board of Education amend the Information

Technology Division Strategic Execution Plan (SEP) to define and approve scope, budget, and filing of 2015 and 2016 E-rate applications for 301 school site projects that include network equipment upgrades and related services (see Attachments A and B). The total budget of

\$58,887,726 includes \$10,448,700 in bond funds, \$12,986,517 in existing

E-rate funds, and \$35,452,509 in anticipated E-rate funds.

In addition, staff proposes that the Board of Education amend the Information Technology Division (ITD) SEP to reduce the scope and budget and file 2015 E-rate applications for 56 previously approved site network convergence projects (BOE# 388-13/14, adopted on May 13, 2014) due to changes in the E-rate program. The scope will be reduced to network equipment upgrades and related services only (see Attachment C). This reduces the budget from \$25,418,669 to \$7,963,820. The budget includes \$4,825,535 in existing E-rate funds and \$3,138,285 in anticipated

E-rate funds.

**Background:** Recently, the District invested in replacing obsolete wireless network

equipment to improve network access for wireless devices for teachers and students (BOE# 248-13/14, adopted on February 11, 2014 and BOE# 392-13/14, adopted on May 13, 2014). However, this was only a partial network upgrade and the wired network equipment continues to age at hundreds of school sites. Wired network equipment provides the backbone for classrooms, computer labs, and media centers. Attachment D shows the new wireless infrastructure and older existing network equipment that

is now in place at these school sites.

The average useful life of network equipment is between 3 and 7 years,



### **Board of Education Report**

but the 358 LAUSD sites in Attachments A, B, and C have network equipment between 7 to 15 years of age that is experiencing increased failure rates. In addition, newer applications and increased multimedia usage are creating greater speed and bandwidth needs that the older equipment fails to meet. New network equipment will offer better performance, greater reliability, and increased bandwidth to classrooms. The new network equipment will also have increased management and security capabilities and features that reduce support costs.

The action allows LAUSD to file for E-rate funding and replace end of life network equipment at 357 school sites between the third quarter of 2015 and fourth quarter of 2017 (contingent upon the actual E-rate funding date).

**Expected Outcomes:** 

Approval of the proposed action and subsequent investment in upgrades to aging IT networks at 357 District K12 schools, as listed in Attachments A, B, and C.

**Board Options and Consequences:** 

Approval of the proposed action will provide funding to file E-rate applications to replace aging network equipment at 357 District K12 schools, as listed in Attachments A, B, and C, that is causing disruptions and impacting instruction because it has reached end of life, is obsolete, or is failing.

If the proposed action is not approved, E-rate applications will not be filed and network equipment will not be replaced, resulting in greater school network failures, slower application downloads, and slower access to the internet impacting instructions. Support calls will increase impacting the general fund.

**Policy Implications:** 

This action is consistent with the District's long-term goal to address unmet school needs as described in Proposition BB and Measures K, R, Y, and Q.

**Budget Impact:** 

The proposed action impacts Bond Program and E-rate Funds only. The total combined budget is \$66,851,546: \$10,448,700 in current ITD Network Modernization Measure K, R, and Y bond funds; \$17,812,052 in available E-rate funds; and \$38,590,794 in anticipated E-rate funds. Funding will come from Bond Program Funds allocated to IT Network Modernization Projects within ITD's Strategic Execution Plan. There is no anticipated impact to General Fund.

**Bond Oversight** 

This item was considered by the School Construction Bond Citizens'



### **Board of Education Report**

Committee Oversight Committee (BOC) at its September 25, 2014 meeting. Staff has

**Recommendations:** concluded that this proposed SEP Amendment will facilitate the

implementation of the ITD-SEP, and therefore it will not adversely affect

the District's ability to successfully complete the ITD-SEP.

**Issues and Analysis:** Not applicable.

**Attachments:** Attachment A – List of 151 sites for 2015/16 E-rate applications

Attachment B – List of 150 sites for 2016/17 E-rate applications

Attachment C – List of 56 sites for reduced scope and budget for 2015/16

E-rate applications

Attachment D – Diagram of Wired and Wireless Network Equipment at

School Sites

Attachment E – Bond Oversight Committee Resolution 2015-

**Informative** None.

**Desegregation** N/A

**Impact Statement** 

### LOS ANGELES UNIFIED SCHOOL DISTRICT Board of Education Report



Respectfully submitted,

APPROVED BY:

DR. JOHN E. DEASY Superintendent

MICHELLE KING Senior Deputy Superintendent School Operations

REVIEWED BY:

APPROVED & PRESENTED BY:

RONALD S. CHANDLER
Chief Information Officer
Information Technology Division

DAVID HOLMQUIST General Counsel

 $\square$  Approved as to form.

TONY ATIENZA Director of Budget Services and Financial Planning

 $\hfill \square$  Approved as to budget impact statement.

MARK HOVATTER
Chief Facilities Executive



Loc	Sita Nama	Board	ESC	Last Network	Anticipated	Estimated
Code	Site Name	Member	ESC	Upgrade	completion	Total
5877	135TH ST EL	McKenna	S	12/18/07	Q4 2016	\$191,868
5808	156TH ST EL	Vladovic	S	10/29/08	Q4 2016	\$92,040
3836	1ST ST EL	Garcia	E	3/29/07	Q4 2016	\$176,292
7274	20TH ST EL	Garcia	E	6/12/07	Q4 2016	\$138,768
7288	28TH ST EL	Garcia	E	1/31/08	Q4 2016	\$189,508
6575	2ND ST EL	Garcia	E	3/12/08	Q4 2016	\$100,536
6808	61ST ST EL	McKenna	W	12/18/08	Q4 2016	\$138,060
6822	66TH ST EL	Vladovic	S	11/20/08	Q4 2016	\$217,120
6630	75TH ST EL	Vladovic	S	12/24/08	Q4 2016	\$252,284
5521	95TH ST EL	McKenna	W	5/24/06	Q3 2016	\$217,356
8009	ADAMS MS	Garcia	E	6/30/08	Q4 2016	\$233,876
2205	ARMINTA EL	Ratliff	N	9/9/08	Q4 2016	\$118,236
4322	ARROYO SECO MUSM SCI	Garcia	E	3/8/07	Q3 2016	\$122,720
2315	BARTON HILL EL	Vladovic	S	2/11/08	Q4 2016	\$170,628
8536	BELL SH	Kayser	S	1/21/05	Q3 2016	\$809,480
8543	BELMONT SH	Garcia	XP	8/9/05	Q3 2016	\$228,920
8696	BERNSTEIN SH (multiple schools)	Zimmer	XP	8/14/08	Q4 2016	\$270,220
2486	BRAINARD EL	Ratliff	N	4/3/08	Q4 2016	\$44,604
2507	BRENTWOOD SCI MAG	Zimmer	W	1/18/05	Q3 2016	\$260,308
7164	BRIGHT EL	McKenna	W	3/1/07	Q3 2016	\$170,864
2562	BROOKLYN AVE EL	Garcia	E	2/1/08	Q4 2016	\$145,140
8080	BYRD MS	Ratliff	N	6/26/07	Q4 2016	\$404,268
2712	CALVERT EL	Zimmer	N	4/12/05	Q3 2016	\$88,028
2767	CANTARA EL	Ratliff	N	3/2/07	Q3 2016	\$139,004
2836	CARSON EL	Vladovic	S	4/26/07	Q4 2016	\$164,492
2863	CASTELAR EL	Garcia	E	12/17/08	Q4 2016	\$152,928
2877	CASTLE HTS EL	McKenna	W	8/9/05	Q3 2016	\$133,340
8045	CASTRO MS	Garcia	Е	8/9/05	Q3 2016	\$111,156
8670	CDS ALONZO	Zimmer	XS	8/14/08	Q4 2016	\$53,100
8092	CDS LONDON	Galatzan	XS	7/5/05	Q3 2016	\$22,534
8991	Central TRI-C (multiple sites)	Garcia	XS	varies	Q2 2016	\$113,612
8580	CENTRAL HS (multiple sites)	Garcia	XS	6/27/07	Q4 2016	\$235,886
2986	CHAPMAN EL	Vladovic	S	4/18/07	Q4 2016	\$105,256
8801	CITY OF ANGELS (multiple sites)	Garcia	XS	varies	Q2 2016	\$760,032
3110	CLIFFORD EL	Kayser	E	7/3/07	Q4 2016	\$31,860
8062	CLINTON MS	Garcia	E	7/29/05	Q3 2016	\$210,276
7432	COLUMBUS AVE EL	Ratliff	N	4/8/08	Q4 2016	\$141,128



Loc	Site Name	Board	ESC	Last Network	Anticipated	Estimated
Code		Member	LJC	Upgrade	completion	Total
8517	CONTRERAS LC (multiple	Garcia	XP	5/28/06	Q3 2016	\$421,968
	schools)	Garcia				
3219	CORONA EL	Kayser	S	3/13/07	Q3 2016	\$232,224
3335	DANUBE EL	Galatzan	N	12/14/07	Q4 2016	\$109,504
3356	DAYTON HEIGHTS EL	Kayser	E	5/20/08	Q4 2016	\$136,880
3315	DENA EL	Garcia	E	3/14/08	Q4 2016	\$109,268
8600	DORSEY SH	McKenna	XP	1/20/05	Q3 2016	\$278,480
8607	EAST VALLEY SH	Ratliff	XP	6/30/06	Q3 2016	\$188,092
3521	EASTMAN EL	Garcia	E	4/16/07	Q4 2016	\$247,564
8930	ELLINGTON HS	McKenna	XS	6/14/01	Q2 2016	\$27,848
3589	EMELITA EL	Galatzan	N	2/8/08	Q4 2016	\$105,964
8123	EMERSON MS	Zimmer	W	7/24/07	Q4 2016	\$139,948
3610	ENADIA EL	Galatzan	N	10/28/08	Q4 2016	\$57,820
3671	EUCLID EL	Garcia	Е	5/21/07	Q4 2016	\$217,120
3753	FERNANGELES EL	Ratliff	N	9/13/05	Q3 2016	\$169,684
3849	FISHBURN EL	Kayser	S	8/16/04	Q3 2016	\$149,388
3877	FLETCHER DR EL	Kayser	Е	7/10/08	Q4 2016	\$92,040
3918	FORD BLVD EL	Kayser	Е	5/10/07	Q4 2016	\$295,236
3986	FRANKLIN EL	Kayser	Е	3/1/05	Q3 2016	\$118,708
8643	FRANKLIN SH	Kayser	XP	7/6/05	Q3 2016	\$358,720
8664	GARDENA SH	Vladovic	XP	5/23/05	Q3 2016	\$389,400
4068	GARDNER EL	Zimmer	W	7/20/05	Q3 2016	\$104,548
4130	GLEDHILL EL	Ratliff	N	6/24/05	Q3 2016	\$122,956
4164	GLENFELIZ BLVD EL	Kayser	Е	5/29/07	Q4 2016	\$88,028
8683	GRANT SH	Galatzan	N	7/5/05	Q3 2016	\$517,548
8518	HARBOR TCHR PREP ACD	Vladovic	S	1/1/04	Q3 2016	\$102,896
4438	HARRISON EL	Garcia	Е	3/20/08	Q4 2016	\$128,620
4452	HASKELL EL	Galatzan	N	1/30/08	Q4 2016	\$134,048
4493	HAZELTINE EL	Ratliff	N	5/10/07	Q4 2016	\$177,472
4521	HESBY OAKS SCHOOL	Zimmer	N	8/14/06	Q3 2016	\$133,104
2375	HUGHES EL	Kayser	S	2/22/07	Q3 2016	\$213,580
8700	HUNTINGTON PARK SH	Kayser	XP	9/9/04	Q3 2016	\$476,720
8559	INDEPENDENCE HS	Galatzan	XS	6/3/08	Q4 2016	\$31,860
5112	JONES PC	McKenna	W	1/30/08	Q4 2016	\$36,580
4696	KENNEDY EL	Kayser	Е	3/12/07	Q3 2016	\$103,840
8725	KENNEDY SH	Galatzan	N	3/3/05	Q3 2016	\$500,084
4726	KESTER EL	Galatzan	N	1/11/05	Q3 2016	\$220,896



Loc	Cita Nama	Board	ESC	Last Network	Anticipated	Estimated
Code	Site Name	Member	ESC	Upgrade	completion	Total
8064	KIM ACADEMY	Garcia	E	8/28/08	Q4 2016	\$194,936
6534	KING JR EL	McKenna	XP	8/30/04	Q3 2016	\$117,056
8210	LA TEACHER PREP ACAD	Garcia	XP	8/9/05	Q3 2016	\$57,820
1919	LANTERMAN HS	Garcia	E	3/9/07	Q3 2016	\$48,852
1908	LEICHMAN SP ED CTR	Galatzan	N	3/28/07	Q4 2016	\$46,964
4863	LIBERTY EL	Kayser	S	2/8/07	Q3 2016	\$144,196
8058	LIECHTY MS	Garcia	E	11/13/06	Q3 2016	\$279,188
4870	LIGGETT EL	Ratliff	N	4/11/07	Q4 2016	\$179,832
1947	LOKRANTZ SP ED CTR	Galatzan	N	4/4/07	Q4 2016	\$25,724
4918	LOMA VISTA EL	Kayser	S	4/5/07	Q4 2016	\$201,544
8685	LONDON HS	Galatzan	XS	9/25/08	Q4 2016	\$29,500
4959	LORETO EL	Kayser	E	9/28/05	Q3 2016	\$88,736
1959	LULL SP ED CTR	Galatzan	N	2/16/07	Q3 2016	\$27,848
3210	MADISON EL	Kayser	S	2/28/06	Q3 2016	\$146,556
8230	MADISON MS	Galatzan	N	9/24/05	Q3 2016	\$395,772
5137	MARIANNA EL	Garcia	Е	1/30/07	Q3 2016	\$92,276
8750	MARSHALL SH	Kayser	E	6/8/05	Q3 2016	\$599,912
5205	MAYBERRY EL	Kayser	E	7/22/08	Q4 2016	\$75,520
6658	MC KINLEY EL	Vladovic	S	8/4/04	Q3 2016	\$181,012
8757	METROPOLITAN HS	Garcia	XS	1/29/07	Q3 2016	\$37,288
5301	MIDDLETON EL	Kayser	S	8/27/04	Q3 2016	\$269,040
5342	MONLUX EL	Galatzan	N	7/19/05	Q3 2016	\$167,088
8677	MONTEREY HS	Garcia	XS	12/16/08	Q4 2016	\$13,688
8240	MOUNT GLEASON MS	Ratliff	N	5/25/07	Q4 2016	\$238,124
5404	MOUNTAIN VIEW EL	Ratliff	N	11/12/04	Q3 2016	\$83,544
8779	NARBONNE SH	Vladovic	S	3/10/08	Q4 2016	\$671,656
8838	NARBONNE SH HARTS LA	Vladovic	XP	3/10/08	Q4 2016	\$90,152
5479	NEWCASTLE EL	Ratliff	N	3/13/07	Q3 2016	\$97,940
5603	NOBLE EL	Ratliff	N	9/29/05	Q3 2016	\$205,792
5630	NORMANDIE EL	McKenna	W	2/15/07	Q3 2016	\$214,288
5699	NORWOOD EL	Garcia	Е	10/4/04	Q3 2016	\$153,872
4642	PACIFIC BLVD SCHOOL	Kayser	S	5/1/07	Q4 2016	\$142,780
8610	PANORAMA SH	Ratliff	N	4/3/06	Q3 2016	\$352,820
3576	PARKS LRN CTR	Ratliff	N	8/8/05	Q3 2016	\$176,764
8781	PATTON HS	Vladovic	XS	3/7/08	Q4 2016	\$22,534
8558	PEARL JOURN/COMM MAG	Galatzan	N	2/26/07	Q3 2016	\$99,120
8352	PEARY MS	Vladovic	S	3/19/08	Q4 2016	\$339,604



Loc	Cita Nama	Board	ESC	Last Network	Anticipated	Estimated
Code	Site Name	Member	ESC	Upgrade	completion	Total
6096	PLAINVIEW CHTR ACAD	Ratliff	N	3/22/07	Q3 2016	\$79,768
8354	PORTER MS	Galatzan	N	3/28/08	Q4 2016	\$392,940
6158	PURCHE EL	McKenna	S	4/26/07	Q4 2016	\$126,968
6192	RANCHITO EL	Ratliff	N	3/15/07	Q3 2016	\$132,632
8355	REED MS	Galatzan	N	3/23/05	Q3 2016	\$400,492
8814	RESEDA SH	Ratliff	N	3/23/05	Q3 2016	\$427,396
6329	ROCKDALE EL	Kayser	E	6/1/07	Q4 2016	\$65,372
8723	RODIA HS	Vladovic	XS	9/25/02	Q2 2016	\$24,544
8116	ROMER MS	Ratliff	N	8/3/07	Q4 2016	\$286,032
6384	ROSEWOOD EL	Zimmer	W	2/7/05	Q3 2016	\$71,980
8544	ROYBAL LC	Garcia	XP	1/17/08	Q4 2016	\$369,104
4641	SAN ANTONIO ELEM	Kayser	S	6/30/08	Q4 2016	\$157,884
8843	SAN FERNANDO SH	Ratliff	XP	10/21/08	Q4 2016	\$564,040
6479	SAN JOSE EL	Ratliff	N	8/7/07	Q4 2016	\$166,852
6875	SAN MIGUEL EL	Kayser	S	8/11/04	Q3 2016	\$250,396
6507	SAN PEDRO EL	Garcia	Е	12/7/07	Q4 2016	\$172,044
6565	SATICOY EL	Ratliff	N	3/1/07	Q3 2016	\$137,116
8497	SECONDARY CDS (multiple sites)	Garcia	XS	varies	Q2 2016	\$47,436
6685	SHERIDAN ST EL	Garcia	Е	11/9/06	Q3 2016	\$252,520
8377	SOUTH GATE MS	Kayser	S	9/27/05	Q3 2016	\$547,520
8153	SOUTHEAST MS	Kayser	S	6/23/08	Q4 2016	\$283,200
8387	STEVENSON MS	Garcia	XP	9/9/04	Q3 2016	\$419,372
7027	SYLVAN PARK EL	Ratliff	N	7/29/05	Q3 2016	\$210,040
7219	TRINITY EL	Garcia	Е	2/15/08	Q4 2016	\$94,400
8886	UNIVERSITY SH	Zimmer	W	10/19/07	Q4 2016	\$425,744
7419	VAN DEENE EL	Vladovic	S	10/30/07	Q4 2016	\$95,344
8893	VAN NUYS SH	Ratliff	N	9/12/05	Q3 2016	\$641,684
8914	VERDUGO HILLS SH	Ratliff	N	7/16/05	Q3 2016	\$381,612
7479	VERMONT EL	McKenna	Е	2/7/07	Q3 2016	\$177,944
7507	VICTORIA EL	Kayser	S	3/28/07	Q4 2016	\$121,776
8602	VIEW PARK CONTN HS	McKenna	XS	9/24/02	Q2 2016	\$22,534
7562	VINTAGE MATH/SCI MAG	Galatzan	N	12/1/04	Q3 2016	\$189,508
4640	WALNUT PARK EL	Kayser	S	4/25/07	Q4 2016	\$202,488
7151	WEEMES EL	McKenna	W	2/7/07	Q3 2016	\$179,360
8748	WEST ADAMS PREP SH	Garcia	ХР	2/5/07	Q3 2016	\$400,020
7644	WEST ATHENS EL	McKenna	W	10/4/04	Q3 2016	\$182,664
8730	WEST HOLLYWOOD CDS	Zimmer	XS	1/1/04	Q3 2016	\$22,534



Loc Code	Site Name	Board Member	ESC	Last Network Upgrade	Anticipated completion	Estimated Total
1914	WIDNEY HS	McKenna	Е	12/1/04	Q3 2016	\$46,492
8591	WOODEN HS	Galatzan	XS	12/16/08	Q4 2016	\$37,288
7959	YORKDALE EL	Kayser	E	7/16/08	Q4 2016	\$76,700
8948	YTH OPP UNLTD ALT HS	McKenna	XS	varies	Q2 2016	\$70,092
						\$29,357,534



Loc	Cita Nama	Board	ESC	Last Network	Anticipated	Estimated
Code	Site Name	Member	ESC	Upgrade	Completion	Total
5857	107TH ST EL	Vladovic	XP	5/26/10	Q3 2017	\$217,356
7082	10TH ST EL	Garcia	E	9/21/10	Q4 2017	\$169,448
5884	112TH ST EL	Vladovic	S	4/29/10	Q3 2017	\$108,088
5887	122ND ST EL	Vladovic	S	5/13/10	Q3 2017	\$165,672
3767	15TH ST EL	Vladovic	S	12/30/09	Q3 2017	\$127,440
7301	24TH ST EL	McKenna	XP	5/11/09	Q2 2017	\$133,104
3959	42ND ST EL	McKenna	XP	8/3/10	Q4 2017	\$67,496
3932	49TH ST EL	Vladovic	Е	7/19/10	Q3 2017	\$198,004
3795	59TH ST EL	McKenna	W	9/22/10	Q4 2017	\$94,400
6795	68TH ST EL	Vladovic	XP	12/23/09	Q3 2017	\$202,016
6781	6TH AVE EL	McKenna	W	12/2/10	Q4 2017	\$163,784
6644	74TH ST EL	McKenna	W	6/1/10	Q3 2017	\$131,452
7398	ALTA CALIFORNIA EL	Ratliff	N	3/25/10	Q3 2017	\$207,444
2082	ALTA LOMA EL	McKenna	W	11/18/10	Q4 2017	\$153,400
2369	AMBSDR-GLOBAL EDUC (see 7771)	Garcia	XP	7/15/09	Q2 2017	\$96,760
7771	AMBSDR-GLOBAL LDSHP	Garcia	XP	7/15/09	Q2 2017	\$155,288
2123	ANGELES MESA EL	McKenna	W	9/1/10	Q4 2017	\$98,884
8852	ANGEL'S GATE HS	Vladovic	XS	1/25/10	Q3 2017	\$21,240
2151	ANNANDALE EL	Kayser	Е	12/16/10	Q4 2017	\$71,744
4356	ANTON EL	Garcia	Е	9/14/09	Q2 2017	\$202,252
2164	APPERSON EL	Ratliff	N	7/27/09	Q2 2017	\$105,256
2178	ARAGON EL	Kayser	E	6/25/10	Q3 2017	\$99,356
8028	AUDUBON MS	McKenna	W	9/9/10	Q4 2017	\$168,268
8531	AVALON HS	Vladovic	XS	7/20/09	Q2 2017	\$27,140
6886	BACA ARTS ACAD	Vladovic	S	7/21/10	Q3 2017	\$159,772
8038	BANCROFT MS	Zimmer	W	8/5/10	Q4 2017	\$204,612
2288	BANDINI EL	Vladovic	S	4/21/10	Q3 2017	\$86,140
8529	BANNING SH (multiple schools)	Vladovic	XP	9/16/09	Q2 2017	\$608,880
5562	BARRETT EL	McKenna	S	6/16/10	Q3 2017	\$245,204
3577	BELLINGHAM EL	Ratliff	N	8/30/10	Q4 2017	\$138,532
2397	BELVEDERE EL	Garcia	Е	11/16/10	Q4 2017	\$202,488
8047	BELVEDERE MS	Garcia	E	6/8/10	Q3 2017	\$320,016
8057	BERENDO MS	Garcia	E	6/4/10	Q3 2017	\$245,912
8754	BRAVO MEDICAL MAG	Garcia	Е	11/5/10	Q4 2017	\$439,432
2521	BRIDGE EL	Garcia	Е	12/14/09	Q3 2017	\$69,148
2534	BROADWAY EL	Zimmer	W	12/3/10	Q4 2017	\$107,144



Loc	Site Name	Board	ESC	Last Network	Anticipated	Estimated
Code	Site Name	Member	ESC	Upgrade	Completion	Total
8066	BURBANK MS	Kayser	E	6/19/09	Q2 2017	\$216,884
8075	BURROUGHS MS	McKenna	W	2/23/10	Q3 2017	\$440,140
2685	CABRILLO EL	Vladovic	S	10/30/09	Q2 2017	\$98,176
2699	CAHUENGA EL	Garcia	E	6/8/10	Q3 2017	\$145,612
7401	CARDENAS EL	Ratliff	N	10/21/09	Q2 2017	\$139,948
8090	CARNEGIE MS	Vladovic	S	10/18/10	Q4 2017	\$207,444
8575	CARSON SH (multiple schools)	Vladovic	XP	1/13/09	Q2 2017	\$620,680
2939	CARSON-GORE ACADEMY	McKenna	W	6/21/10	Q3 2017	\$154,816
8094	CARVER MS	Kayser	XP	3/31/10	Q3 2017	\$249,452
7761	CDS JOHNSON (DOROTHY V.)	Vladovic	XS	NO	Q4 2017	\$19,116
2959	CHANDLER EL	Galatzan	N	10/23/09	Q2 2017	\$133,812
7715	CHAVEZ LA ARTES (multiple	Do+liff	VD	12/14/10	04 2017	¢477.664
7715	schools)	Ratliff	XP	12/14/10	Q4 2017	\$477,664
3041	CHEREMOYA EL	Zimmer	W	8/27/10	Q4 2017	\$68,676
8688	CHEVIOT HILLS HS	McKenna	XS	10/20/10	Q4 2017	\$22,534
3068	CIENEGA EL	McKenna	W	6/15/10	Q3 2017	\$163,784
3164	COLFAX EL	Galatzan	N	7/27/09	Q2 2017	\$154,108
8102	COLUMBUS MS	Galatzan	N	4/29/10	Q3 2017	\$186,440
8516	CORTINES SCH OF VPA	Garcia	XP	1/21/09	Q2 2017	\$392,704
8596	CRENSHAW SH	McKenna	XP	8/31/10	Q4 2017	\$252,284
8104	DANA MS	Vladovic	S	9/29/09	Q2 2017	\$353,056
3397	DELEVAN DRIVE EL	Kayser	E	2/3/09	Q2 2017	\$120,360
8110	DODSON MS	Vladovic	S	6/28/10	Q3 2017	\$444,388
3466	DOMINGUEZ EL	Vladovic	S	5/21/10	Q3 2017	\$136,644
8112	DREW MS	Vladovic	XP	1/29/09	Q2 2017	\$239,304
8614	EAGLE ROCK HS	Kayser	Е	8/16/10	Q4 2017	\$606,756
8578	EAGLE TREE CONTN HS	Vladovic	XS	1/21/09	Q2 2017	\$34,220
8788	EARHART HS	Galatzan	XS	12/13/10	Q4 2017	\$28,792
8113	EDISON MS	Vladovic	S	3/19/09	Q2 2017	\$282,964
8770	EINSTEIN HS	Ratliff	XS	1/20/09	Q2 2017	\$16,992
8118	EL SERENO MS	Garcia	Е	5/6/09	Q2 2017	\$308,216
3548	ELIZABETH LC	Kayser	S	9/23/10	Q4 2017	\$421,496
6873	ESCALANTE EL	Kayser	S	2/26/10	Q3 2017	\$147,736
2383	ESPERANZA EL	Garcia	E	10/18/10	Q4 2017	\$184,316
2942	ESTRELLA EL	Vladovic	Е	2/19/10	Q3 2017	\$131,688
8876	EVERGREEN HS	Ratliff	XS	7/22/10	Q3 2017	\$24,780
3822	FIGUEROA EL	Vladovic	XP	6/15/10	Q3 2017	\$109,504



Loc	Cita Nama	Board	ECC	Last Network	Anticipated	Estimated
Code	Site Name	Member	ESC	Upgrade	Completion	Total
8132	FOSHAY LC	McKenna	W	4/10/09	Q2 2017	\$467,752
8650	FREMONT SH	Vladovic	XP	4/7/09	Q2 2017	\$549,644
8137	FROST MS	Galatzan	N	8/12/09	Q2 2017	\$363,912
8679	GARFIELD SH	Garcia	Е	6/25/10	Q3 2017	\$575,368
8160	GOMPERS MS	Vladovic	XP	10/11/10	Q4 2017	\$181,012
8168	GRIFFITH MS	Garcia	Е	5/7/09	Q2 2017	\$337,244
8686	HAMILTON SH-COMPLEX	McKenna	W	10/28/10	Q4 2017	\$709,888
4431	HARDING EL	Ratliff	N	10/28/09	Q2 2017	\$118,236
4681	HARMONY EL	Kayser	Е	11/15/10	Q4 2017	\$170,864
4466	HAWAIIAN EL	Vladovic	S	7/15/10	Q3 2017	\$157,648
8645	HIGHLAND PARK HS	Kayser	XS	3/27/09	Q2 2017	\$19,588
8179	HOLLENBECK MS	Garcia	XP	5/6/10	Q3 2017	\$299,956
8182	HOLMES MS	Galatzan	N	9/16/10	Q4 2017	\$367,216
8652	HOPE HS	Vladovic	XS	3/20/09	Q2 2017	\$22,892
2944	HUERTA EL	Garcia	XP	6/9/10	Q3 2017	\$112,336
8189	IRVING MS	Kayser	Е	3/19/09	Q2 2017	\$144,904
2943	JONES EL	Garcia	Е	10/13/09	Q2 2017	\$86,612
8208	KING MS	Kayser	Е	6/8/09	Q2 2017	\$393,412
8727	KING-DREW MED MAG	Vladovic	S	12/15/09	Q3 2017	\$379,252
6869	KNOX EL	Vladovic	S	10/23/09	Q2 2017	\$224,672
7399	KORENSTEIN EL	Ratliff	N	10/19/09	Q2 2017	\$136,408
8501	LA HS ARTS @RFK	Garcia	XP	7/15/09	Q2 2017	\$97,232
2543	LAFAYETTE PARK PC	Garcia	Е	8/19/10	Q4 2017	\$33,512
8217	LAWRENCE MS	Galatzan	N	10/30/09	Q2 2017	\$349,044
8226	LE CONTE MS	Zimmer	W	7/28/10	Q3 2017	\$209,804
8729	LINCOLN SH (multiple schools)	Garcia	Е	4/12/10	Q3 2017	\$379,960
4973	LORNE EL	Ratliff	N	10/8/09	Q2 2017	\$138,532
1948	LOWMAN SP ED CTR	Ratliff	N	3/31/10	Q3 2017	\$34,456
5014	LOYOLA VILLAGE EL	Zimmer	W	3/31/09	Q2 2017	\$91,096
2544	MACARTHUR PARK VPA	Garcia	Е	8/18/10	Q4 2017	\$127,912
8228	MACLAY MS	Ratliff	N	6/29/09	Q2 2017	\$206,028
8235	MARINA DEL REY MS	Zimmer	W	10/4/10	Q4 2017	\$168,976
8425	MARK TWAIN MS	Zimmer	XP	8/27/10	Q4 2017	\$161,660
8611	MENDEZ LC MATH/SCI	Garcia	XP	6/25/09	Q2 2017	\$155,996
3500	MIDCITY PRESCOTT MAG	McKenna	W	9/7/10	Q4 2017	\$59,472
8238	MILLIKAN MS	Galatzan	N	8/11/10	Q4 2017	\$518,020
8666	MONETA HS	Vladovic	XS	9/28/09	Q2 2017	\$22,534



Loc	Site Name	Board	ESC	Last Network	Anticipated	Estimated
Code	Site Name	Member	LSC	Upgrade	Completion	Total
7402	MOSK EL	Zimmer	N	7/15/10	Q3 2017	\$123,192
8916	MT LUKENS HS	Ratliff	XS	7/14/09	Q2 2017	\$22,420
8264	NIGHTINGALE MS	Kayser	E	7/8/09	Q2 2017	\$194,228
8513	NORTHRIDGE ACAD SH	Galatzan	N	1/25/10	Q3 2017	\$256,768
8283	NORTHRIDGE MS	Galatzan	N	8/18/10	Q4 2017	\$193,520
6868	OBAMA GLBL PREP ACAD	McKenna	XP	5/14/10	Q3 2017	\$202,960
5153	ORCHARD ACADEMIES (multiple schools)	Kayser	S	5/12/10	Q3 2017	\$216,412
6005	PARK AVE EL	Kayser	S	5/3/10	Q3 2017	\$143,724
1953	PEREZ SP ED CTR	Garcia	Е	1/28/09	Q2 2017	\$75,992
8909	PHOENIX HS	Zimmer	XS	7/14/10	Q3 2017	\$22,534
8107	PORTOLA MS	Zimmer	N	5/22/09	Q2 2017	\$430,700
8731	PUEBLO DE LA HS	Garcia	XS	4/12/10	Q3 2017	\$21,948
8807	RAMONA HS	Garcia	XS	3/9/09	Q2 2017	\$22,534
7783	RFK NEW OPEN WLD ACAD	Garcia	XP	7/15/09	Q2 2017	\$270,692
5385	RIORDAN PC	Kayser	E	10/25/10	Q4 2017	\$59,708
8867	RIVERA LC(SRHS #2 multiple sites)	Vladovic	XP	11/15/10	Q4 2017	\$105,256
8702	SAN ANTONIO HS	Kayser	XS	9/3/09	Q2 2017	\$24,544
8850	SAN PEDRO SH	Vladovic	S	6/25/10	Q3 2017	\$645,224
7404	SANTANA ARTS ACADEMY	Ratliff	N	7/8/10	Q3 2017	\$136,880
8206	SCH VIS ARTS/HUM@RFK	Garcia	XP	7/15/09	Q2 2017	\$106,908
8363	SEPULVEDA MS	Ratliff	N	7/8/10	Q3 2017	\$383,500
6671	SHENANDOAH EL	McKenna	W	7/29/10	Q3 2017	\$113,516
6753	SIERRA PARK EL	Garcia	E	12/21/10	Q4 2017	\$115,640
6905	STANFORD PC	Kayser	S	9/7/10	Q4 2017	\$37,288
8396	SUN VALLEY MS	Ratliff	XP	7/31/09	Q2 2017	\$246,856
8093	SUN VALLEY SH	Ratliff	XP	8/5/09	Q2 2017	\$148,444
8406	SUTTER MS	Zimmer	N	7/7/10	Q3 2017	\$270,692
8883	THOREAU HS	Zimmer	XS	9/28/10	Q4 2017	\$24,780
7178	TOLAND WAY EL	Kayser	E	5/5/10	Q3 2017	\$86,376
8606	TORRES (multiple schools)	Garcia	XP	8/3/10	Q4 2017	\$528,404
7260	TWEEDY EL	Kayser	S	11/8/10	Q4 2017	\$159,064
7780	UCLA COMMUNITY SCH	Garcia	XP	7/15/09	Q2 2017	\$238,124
7390	VALLEY ALTERN MAG	Galatzan	N	7/31/09	Q2 2017	\$142,780
7400	VISTA DEL VALLE ACAD	Ratliff	N	8/6/10	Q4 2017	\$106,672
8481	WEBSTER MS	Zimmer	W	9/8/10	Q4 2017	\$122,720



Loc Code	Site Name	Board Member	ESC	Last Network Upgrade	Anticipated Completion	Estimated Total
2542	WHITE EL	Garcia	Е	9/15/10	Q4 2017	\$81,656
-					•	
8487	WHITE MS	Vladovic	S	8/21/09	Q2 2017	\$398,840
8490	WILMINGTON MS	Vladovic	S	3/26/10	Q3 2017	\$343,616
6872	WISDOM EL	Vladovic	S	4/26/10	Q3 2017	\$221,604
8493	WRIGHT MS	Zimmer	W	8/21/09	Q2 2017	\$153,164
8598	YOUNG HS	McKenna	XS	12/1/09	Q3 2017	\$9,204
						\$29,530,192



### Information Technology Division Strategic Execution Plan Amendment List of 56 Schools for Projects to Replace or Upgrade IT Network Equipment (Reduced Scope)

### 2015 E-rate Applications Attachment C – BOE #094-14/15

Loc	Site Name	Board	ESC	Last Network	Anticipated	Previous Estimated	New Estimated
Code	Site Hairie	Member	LJC	Upgrade	Completion	Total	Total
5822	153RD ST EL	Vladovic	ХP	10/25/07	Q2 2016	\$413,159	\$87,320
5753	186TH ST EL	Vladovic	S	8/17/07	Q2 2016	\$487,159	\$198,948
7137	32ND/USC PER ART MAG	McKenna	W	5/25/04	Q2 2016	\$452,951	\$259,364
3973	4TH ST EL	Garcia	Е	11/20/06	Q2 2016	\$495,460	\$234,820
2041	ALEXANDRIA EL	Garcia	Е	7/7/05	Q2 2016	\$610,437	\$167,324
2068	ALLESANDRO EL	Kayser	E	8/16/05	Q2 2016	\$321,078	\$106,200
2096	AMESTOY EL	Vladovic	S	7/13/07	Q2 2016	\$513,725	\$185,732
2192	ARLINGTON HTS EL	McKenna	W	9/20/04	Q2 2016	\$457,015	\$144,432
4685	AURORA EL	Vladovic	Е	6/19/05	Q2 2016	\$316,325	\$115,876
2323	BASSETT EL	Galatzan	N	5/20/05	Q2 2016	\$546,428	\$210,276
2329	BEACHY EL	Ratliff	N	7/18/05	Q2 2016	\$465,143	\$140,420
2470	BLYTHE EL	Galatzan	N	7/3/08	Q2 2016	\$403,343	\$110,212
7123	BRADLEY GLBL AWR MAG	McKenna	XP	8/11/04	Q2 2016	\$382,262	\$94,164
2630	BURBANK EL	Galatzan	N	9/8/05	Q2 2016	\$350,705	\$91,804
2658	BURTON EL	Ratliff	N	6/10/05	Q2 2016	\$395,142	\$106,908
2671	BUSHNELL WAY EL	Kayser	Е	8/30/05	Q2 2016	\$356,698	\$88,264
2945	CENTURY PARK EL	McKenna	W	10/7/04	Q2 2016	\$486,644	\$98,884
3137	COHASSET EL	Ratliff	N	8/10/05	Q2 2016	\$465,143	\$131,216
3151	COLDWATER CYN EL	Galatzan	N	2/21/07	Q2 2016	\$487,159	\$181,484
3178	COLISEUM EL	McKenna	XP	5/25/04	Q2 2016	\$329,325	\$61,124
2301	DE LA TORRE JR EL	Vladovic	S	12/14/05	Q2 2016	\$448,834	\$168,504
2386	DEL OLMO EL	Garcia	Е	6/6/05	Q2 2016	\$448,834	\$185,496
8738	DOWNTWN BUSINESS MAG	Garcia	Е	2/8/05	Q2 2016	\$372,198	\$246,856
3630	ERWIN EL	Galatzan	N	8/1/05	Q2 2016	\$603,744	\$176,528
4014	FRIES EL	Vladovic	S	10/23/08	Q2 2016	\$381,342	\$129,800
4041	GARDENA EL	Vladovic	S	3/27/08	Q2 2016	\$408,595	\$127,204
4123	GLASSELL PARK EL	Kayser	Е	6/27/05	Q2 2016	\$446,073	\$110,212
4192	GLENWOOD EL	Ratliff	N	6/30/05	Q2 2016	\$503,214	\$108,324
4295	GRIDLEY EL	Ratliff	N	6/21/05	Q2 2016	\$524,034	\$171,100
2042	HARVARD EL	Garcia	W	5/7/05	Q2 2016	\$367,509	\$120,596
4507	HELIOTROPE EL	Kayser	S	2/5/04	Q2 2016	\$604,268	\$180,540
4548	HOBART BLVD EL	Garcia	Е	9/27/04	Q2 2016	\$746,369	\$175,112



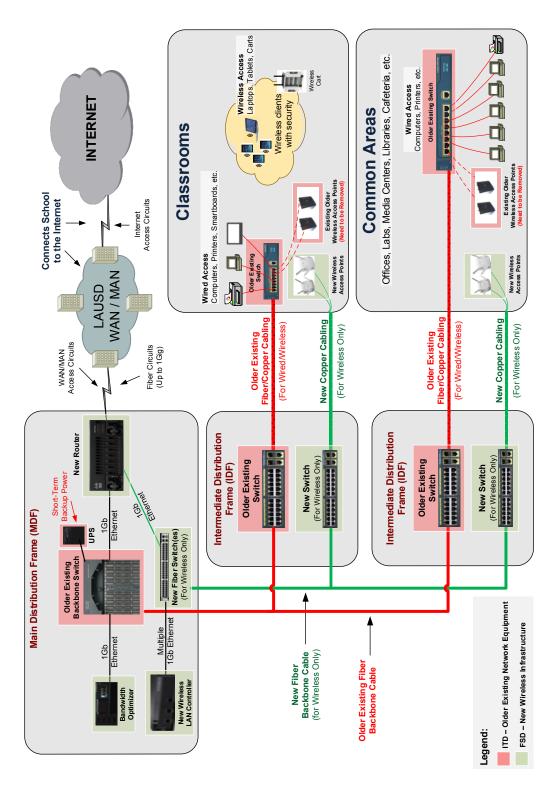
### Information Technology Division Strategic Execution Plan Amendment List of 56 Schools for Projects to Replace or Upgrade IT Network Equipment (Reduced Scope)

### 2015 E-rate Applications Attachment C – BOE #094-14/15

Loc Code	Site Name	Board Member	ESC	Last Network Upgrade	Anticipated Completion	Previous Estimated Total	New Estimated Total
6549	HOLLYWOOD PC	Zimmer	W	6/4/05	Q2 2016	\$256,536	\$49,796
6880	INDEPENDENCE EL	Kayser	S	8/9/04	Q2 2016	\$510,946	\$195,644
8777	KAHLO HS	Garcia	XS	10/20/06	Q2 2016	\$180,451	\$36,580
4760	KITTRIDGE EL	Galatzan	N	4/16/07	Q2 2016	\$453,415	\$191,868
4767	LANE EL	Kayser	Е	5/18/04	Q2 2016	\$391,496	\$93,692
5170	LEXINGTON AVE PC	Kayser	Е	4/19/05	Q2 2016	\$279,732	\$54,516
5113	MACK EL	McKenna	W	6/4/05	Q2 2016	\$426,539	\$99,356
7220	MAPLE PC	Garcia	Е	6/6/04	Q2 2016	\$261,691	\$50,268
5302	MIDDLETON PC	Kayser	S	6/3/05	Q2 2016	\$264,268	\$58,056
5384	MONTE VISTA EL	Kayser	Е	9/1/05	Q2 2016	\$413,652	\$112,100
5466	NEVIN EL	Kayser	Е	10/11/04	Q2 2016	\$503,805	\$149,152
6021	PARMELEE EL	Vladovic	S	7/30/07	Q2 2016	\$518,288	\$216,176
6027	PARTHENIA EL	Galatzan	N	4/14/08	Q2 2016	\$417,722	\$156,940
4776	PRIMARY ACADEMY	Ratliff	N	8/17/05	Q2 2016	\$269,423	\$78,824
6164	QUEEN ANNE EL	McKenna	W	8/27/04	Q2 2016	\$366,918	\$83,544
7749	ROOSEVELT (all schools)	Garcia	XP	6/16/05	Q2 2016	\$1,591,860	\$487,104
3574	SENDAK EL	Ratliff	N	6/22/05	Q2 2016	\$456,973	\$131,688
6988	SUNRISE EL	Garcia	ХP	9/3/04	Q2 2016	\$431,791	\$108,324
7014	SYLMAR EL	Ratliff	N	12/16/04	Q2 2016	\$474,034	\$143,252
7438	VAN NUYS EL	Ratliff	N	9/24/05	Q2 2016	\$480,370	\$139,712
7534	VINE EL	Zimmer	W	4/7/05	Q2 2016	\$472,638	\$132,632
7575	VIRGINIA EL	McKenna	W	8/20/04	Q2 2016	\$402,552	\$105,964
8117	VISTA MS	Ratliff	XP	7/18/04	Q2 2016	\$778,185	\$324,028
7630	WASHINGTON PC	McKenna	S	4/25/05	Q2 2016	\$225,068	\$49,560
						\$25,418,669	\$7,963,820



### Information Technology Division Strategic Execution Plan Amendment Diagram of Wireless and Wired Network Equipment at School Sites Attachment D – BOE #094-14/15



Page 17 of 17