

Walk with WALKSacramento: Planning a Walk Audit

Emily Alice Gerhart April 27, 2015

About WALKSacramento



"WALKSacramento is a nonprofit community organization working to achieve safe, walkable communities throughout the Sacramento region."

What is a walk audit?

For the purpose of today's event, we're going to focus on walk audits at school locations.

- Assess barriers to walking and biking to school
- Identify deficiencies in pedestrian/bicycle infrastructure
- Develop infrastructure and non-infrastructure recommendations
- Identify safer routes for children

Why perform a walk audit?

Improve community walkability

PHYSICAL ACTIVITY

AIR QUALITY

SOCIAL WELLBEING

Planning a walk audit

- 1. Choose a school
- 2. Gather background information
- 3. Secure a meeting place and time
- 4. Outreach to stakeholders
- 5. Prepare materials
- 6. Perform walk audit!

Choose a school

- Evaluate recent concerns
- Build off of existing programs
- Consider grant requirements
- Start talking!
 - Reach out to community members, neighborhood associations, school districts, city staff



Gather background information

National Safe Routes to School Surveys

Your chi		t or Ca	regiv	er.						_		-			-												
	ild's sc	hool war	nts to	learn																							
		ask that please fil																f mo	re th	an o	one o	shile	fron	m a	sch	iool t	ring
		complet																	ar.	Your	THE	~~~	DAR V		he k	ant	
confider	ntial an	d neithe	r your	name	e nor ye	our ch	ild's r											icau	PCI.	rou	resp	2016	205 1		UC A	epr	
		r partic		-												_	_		_			_		_	_		_
+ School		TAL LE	TTER	5 00	ILY -	BLUI	EOR	BLA	CK	INK	ON	LY															1
School	TT	<u>"</u>	-	-		П	-	п	т	-	-	т	т	—				-	т	Τ.			-	-	-	-	
ш					ш	ш		Ц	1		Ц	1	1						L	1				_	_		
1. Wha	at is th	e grade	e of th	ie chi	ild wh	o bro	ught	hom	e tł	his su	irvey	?			Π	Π	G	rade	(PK	K,1,2	1,3)						
	- abil	dente l													Η				٦.	ema							
2.181	he chi	d who l	proug	nt no	me th	is sui	rvey	male	or	tema	1067				므	Ma	108	L		ema	18						
3. How	v many	r childr	en do	you	have i	n Kim	derg	arter	th	rougi	h S th	gra	de?		Π												
4 145-		e stree								10						_											
4. Wha	at is th	e stree	TINCE	rsect	ion ne	arest	you	non	T	(Prov	_		nes o	of two		196	ting	stree	5)	Τ.			-	-	-	-	
ш					ш	Ц		Ц			an	٥	_						L	L					_		
	Place	a clear	'X' in:	side t	box. If	you	make	a m	ista	ike, f	ill th	e er	tire	bo	k, ai	nd t	her	ma	rk t	he c	orre	et l	box.				
5. How	v far d	oes you	ır chil	d live	from	scho	ol?																				
		Less that	in 14 r	nile		П	V2 mi	le up	to 1	1 mile		Г	٦	fore	thar	121	nile	5									
	H	17 mile		16 mil		Η	I mile			miles		F	Ξ.	ont													
		% mile	up to	75 Mi	e	ш	1 mie	e up t	02	miles		L	7,	ionτ	KDO	w											
		a clear	'X' in:	side t	box. If	MOUL	les																				
																											1
6. On r	most d	lays, ho	w do	es yo	ur chil																						1
Arri	ive at	school		es yo	ur chil)?la	Sele	ref	ne c	hoic	e pe	r co									
	ive at			es yo	ur chil)?la	Sele	ref	ne c	hoic	e pe	r co									
Arri	ive at Ik			es yo	ur chil) ?lc	Sele	ref	ne c	hoic	e pe	r co									1
Arri Wal	ive at Ik	school		es yo	ur chil) ? le	Sele Kali Wali Bike	ref	ne d	hoic	e pe	r co									4
Arri Wal Bilor Sch	ive at Ik tool Bus	school	1			d arr	ive a						Sele Walk Bike Scho	ne fr	ne d	hoic	n pe	r co	lum	n, mi	ark b	COX 1	with				4
Arri Wal Bike Sch	ive at lk col Bu nily veh	school	l ly child	dren ir	n your t	d arr	ive a						Sele Walk Bike Scho Fami	ne fr ne fr	us shick	e (a	nly i	er coi	ren i	n, mi	ark b	icox i	with				4
Arri Wel Bilor Sch Fam Carr	ive at ik col Bus nily veh pool (C	school s sicle (on)	ly child	dren ir ther fi	n your f	d arr	ive a						Sele Walk Bike Scho Fami Carp	ect or re fr c ly ve cool (ne d rom shick	hoic LSC e (o	niy i	er coi 21 child	ren i	n, mi	ark b	icox i	with				4
Arri Wel Bior Sch Fam Carr Tra	ive at lk col Bu nily veh pool (C nsit (cl	school s icle (on) hildren f	ly child from o	tren ir ther fi /, etc.	n your f amilies)	family)						Sele Walk Bike Scho Fami Carp Tran	nct or re fr cool B lly we cool (sit (c	us chick chil	e (o drer bus,	nly i sub	tr coi 2	iumi her , etc	n, mi in yo fami	ark b ur fa lies)	amil)	with y)	X)			-
Arri Wal Bloo Sch Fam Can Trai	ive at ik col Bus nily veh pool (C nsit (ci ver (ska	school s licle (on) hildren f ty bus, s	ly child from o ubway , scool	ther fr ther fr ther, ini	n your f amilies) line ska	family (amily)	ive a	nd le	200	a for :			Sele Walk Bike Scho Fami Carp Tran Othe	nct or re fi sol B ly ve col (sit (sit (us chick chik atet	e (a drer bus,	nly i nly i sub	child m ot way,	ren i her , etc er, it	h, mi in yo fami 1)	ur fa lies) skat	es,	vith v) etc.)	X)			+
Arri Wal Bike Sch Fam Can Tra Oth	ive at ik col Bu: nily veh pool (C nsit (cl er (ska Place a	school s licle (onl zhildren f ty bus, s teboard,	y child from o ubway , scool	tren in ther fi , etc., ter, in ide b	n your f amilies) line ska ox. If :	family) you m	ive a	a mi	stai	te, fi			Sele Walk Bike Scho Fami Carp Tran Othe	not o not B not B	ne d rom us shick (Chil city I city I city I	e (a drer bus, ooar d th	nly i nly i sub d, s	child m ot way, coob	ren i her , etc er, it k ti	n, mi in yo fami 1.) nline xe co	ur fa lies) skat	rmi) res, ct b	with () etc.)	x))		
Arri Wal Bion Sch Fam Can Trai Oth + F 7. How	ive at ik col Bus nily veh pool (C nsit (cl er (ska Place a v long	school side (onl hidren f ty bus, s teboard, i clear "	ly child from o ubway , scool X' ins norm	dren ir ther fi /, etc. iter, ini ide bi ally t	n your f amilies) line ska ox. If :	family) you m	ive a	a mi	stai	te, fi			Sele Walk Bike Scho Fami Carp Tran Othe time ? (Si	ict o re fr c ool B ily ve cool (sit (sit (sit (sit (sit (sit (sit (us shick chill atet an one	e (o drer bus, coar d th	nly i nly i sub d, s nen sice	child m ot way, coob	ren i her , etc er, it k th	n, mi in yo fami 1.) nline 1e co mn, i	ur fa lies) skat	rmi) res, ct b	with () etc.)	x))		
Arri Wel Bios Sch Fam Can Tra Oth + F 7. How Tra	ive at ik col Bus nily veh pool (C nsit (cl ver (ska vlong vel tin	school s iicle (onl hildren f ty bus, s teboard, i clear '' does it	l ly child from o subway , scool X' ins norm school	dren ir ther fi /, etc. iter, ini ide bi ally t	n your f amilies) line ska ox. If :	family) you m	ive a	a mi	stai	te, fi			Sele Sele Walk Bike Scho Scho Scho Carp Tran Othe time 7 (Sele	ict o re fr c ool B ily ve cool (sit (sit (sit (sit (sit (sit (sit (us shick chil atet an one	e (o drer bus, coar d th	nly i nly i sub d, s nen sice	child m ot way, per o	ren i her , etc er, it k th	n, mi in yo fami 1.) nline 1e co mn, i	ur fa lies) skat	rmi) res, ct b	with () etc.)	x))		
Arri Wel Bike Sch Fam Carr Tra Oth + F 7. How Tra Less	ive at ik col Bus nily veh pool (C nsit (cl ver (ska vlong vel tin	school s licle (onl hildren f ty bus, s teboard, i clear ' does it me to s 5 minute	l ly child from o subway , scool X' ins norm school	dren ir ther fi /, etc. iter, ini ide bi ally t	n your f amilies) line ska ox. If :	family) you m	ive a	a mi	stai	te, fi			Sele Sele Walk Bike Scho Fami Carp Tran Othe tine 7 (Sele	nct or re fi sol B hy we col (sit (sit (fi box elect rel t	us shick chil city l atet atet	e (o drer bus, coar d th ninu	nly i nly i sub d, s nen sice	child m ot way, per o	ren i her , etc er, it k th	n, mi in yo fami 1.) nline 1e co mn, i	ur fa lies) skat	rmi) res, ct b	with () etc.)	x))		
Arri Wal Bloc Sch Farr Carr Tra Oth + F For Less S =	ive at k cool Bu: nily veh pool (C nisit (cl) ver (ska ver (ska v long vel tin s than 1	school side (onl hildren f ty bus, s teboard, i clear '' does it me to s 5 minute sutes	l ly child from o subway , scool X' ins norm school	dren ir ther fi /, etc. iter, ini ide bi ally t	n your f amilies) line ska ox. If :	family) you m	ive a	a mi	stai	te, fi			Sele Walk Bike Scho Fami Carp Tran Other Less S - 1	ect or ve fi vol B ily ve col (sit (sit (box elect than	us shick chil city l city l city l city l city l city l city l city l city l	e (o drer bus, soar d th cho soar ninu es	nly i nly i sub d, s nen sice	child m ot way, per o	ren i her , etc er, it k th	n, mi in yo fami 1.) nline 1e co mn, i	ur fa lies) skat	rmi) res, ct b	with () etc.)	x))		
Arri Wal Blau Sch Farr Cary Trai Oth + F 7. How Less S - 11 ·	ive at ik ik ik is inity veh pool (C onsit (cl) onsit (cl) veh veh veh veh veh veh veh veh	school side (onl hildren f ty bus, s teboard, i clear '' does it me to s 5 minute sutes	l from o ubway , scool X' ins norm ichoo ss	dren ir ther fi /, etc. iter, ini ide bi ally t	n your f amilies) line ska ox. If :	family) you m	ive a	a mi	stai	te, fi			Sele Walk Bike Scho Carp Tran Other time 7 (56 Tran Other time 11 –	nct or re fi c ool B hy we cool (sit ())))))))))))))))))))))))))))))))))))	us shick chil city l atet into n 5 n inut	e (o drer bus, coar d th ninu es tes	nly o nly o sub d, s nen sice	child m ot way, coob	ren i her , etc er, it k th	n, mi in yo fami 1.) nline 1e co mn, i	ur fa lies) skat	rmi) res, ct b	with () etc.)	x))		
Arri Wal Bloa Sch Farr Cary Tra Oth + F Less S - 11 - Mor	ive at ik ik inily veh pool (C nsit (cl ver (ska vlong vel til s than 10 mir -20 m re than	school s icle (onl 2hildren f ty bus, s teboard, o clear '' does it me to s 5 minutes inutes	y child from o ubway , scool X' ins school ss stes	dren ir ther fi /, etc. iter, ini ide bi ally t	n your f amilies) line ska ox. If :	family) you m	ive a	a mi	stai	te, fi			Sele Wali Bike Scho Scho Fami Carp Tran Othe tire (Si trav Uess S = 1 11 = More	nct or re fr sol B hy we col (sit (r (sk box slect than 10 m 20 r	us shick chil city I catet ime inut n 20	e (o drer bus, coar d th ninu es tes) mit	nly i nly i sub d, s nen sice	tr col d child m ot way, coob per c sch	ren i her , etc er, it k th	n, mi in yo fami 1.) nline 1e co mn, i	ur fa lies) skat	rmi) res, ct b	with () etc.)	x)	>		

Parent Survey About Walking and Biking to School

+ CAP	ITA	L LET	TEP	25 0	NLY	— В	LUE	E OI	RB	LAC	κı	NK	ONL	Y.													
School Name		_	_	_	_	_	_	_	_		_	T	each	er's	s Fi	rst M	lame	:	_	T	eac	her's	Las	t Ni	me:		_
			Ш									L							Ш	L						Ш	
Grade: (PK,K,	1,2,3.)	Mo	onday	y's D	ate	(Wee	Ř co	ant 1	sas co	ndu	cted)	N	uml	ber	of S	tude	nts	Enro	lled	lin	Clas	s:				
ш			L			Ш		L	L	Ш	┛			L													
0 2		_		ММ		-	D	Y	Y	Y	Y		-	1	5												_
 Please cond (Three day) 											ree	day	s Tu	esd	lay,	We	dnes	day	orl	hur	rsda	ıy.					
· Please do	not a	condi	uct t	hese	cou	nts e	on M	Ion	lay	s or I										+1			_	****			
 Before asking Student market 					1158	their	nan	cs,	piea	se re	ad (nrou	ign a	n po	26641	ne ar	19446	Chi	lices	80 U	теү	M11.)	now	me	r chc	ices. I	Da.
 Ask your still Then, rereat 																		nde	for a	ach	PI-	ce i	unt o		har	actor	
number in	each	h box	£.,																		r18	ue ji	ust C	- 9C	un a F	ecter	0
 Follow the : You can complete the second secon																					rive	and	den	artı	ne au	estion	
· Please cond																							-oup		0.40		
Step 1. Fill in the we							Ste																			ach a	_
number of st																										of hat	
	_					_		e	sch a	answ	er.		_			_		_									
	Weather			Student Tally			Walk				Bike		s	School Bus				mily hick		Ca	rpo	ol	1	ran	sit	Oth	
Key	5= :	sunny	-	-		.							+			+			_				-			+	-
Ney		nainy overca		Number in class when						-			-			Only with Children from			Riding with a children from			City bus, subway, etc.		Ska			
		snow		count made		de							_				your family			the	fan	nilies	-				
Sample AM		S N		2	0			2				3		L	8			3							3		
		-	1					-			-		_	-	_	_		-	-		-			-	-	1	
Sample PM		R		1	9			3				3		L	8			1		١.	1	2			2		_
Tues, AM		T						T			T		-	Ē		П		T	11	T	Т					T	-
Tues. API	۰.	_	<u> </u>		_	<u> </u>	1	-	1	_	_	4	_	-	_	Ш	1	1	ш	-	4	-	Ц	_	-6	1	-
Tues. PM		T		T		П	T	Т	Т		Т	Т	Т	Г		Π	T	Т	П	Г	Т	Т			Т	T	7
Turca. TTT	-	-			-			÷			-	1	-	-	-	ш		÷		h	÷			-	1		-
Wed. AM		Т			Π	Π		Т	1		Т	Т	Т	Г	Π	Π	Г	Т	\square	Г	Т			Π		Π	
		_	_																				_				
		Т			П			Т			Т	Т		Г				Г		E	Т				Т		
Wed. PM		-			_			-			-		-	-	_		-	-			-			_			
Wed. PM												Л		L													
Wed. PM Thurs. AM		-	1			_		-		-	-	-	-	2	-	-		-			-		_	-	-		
Thurs. AM											_	1	1	L				L			1						
	٩.		rupt	ions	to th	tese	cou	nts	or a	iny u	nu	sual	trav	/el i	con	diitie	ns t	o/fr	om t	he s	scho	o lo	n th	e da	ys o	f the	te
Thurs. AM	it an	y dis																									
Thurs. AM Thurs. PM	it an	y dis																									

WALKSacramento

School Enrollment Boundary



WALKSacramento

School Enrollment Distribution



WALKSacramento

10

Collision Data

- Statewide Integrated **Traffic Records System** (SWITRS)
- Traffic Injury Mapping System (TIMS)

Direction

Motor Veh Involved With OTHER MV

Motor Veh Involved With OTHER MV

Party Type Age Sex Race Sobriety1 Sobriety2 Move Pre Coll Dir SW Veh CHP Veh Make

Population 5 Rpt Dist 504

PARTY INFO

RGT TURN E A

Population 5

Violation 22107

RGT TURN S

Direction

Rdwy Surface DRY

Α

Rdwy Surface DRY

Rpt Dist

Secondary Rd HINDRY AV

0000

Secondary Rd ROSECRANS AV

Beat 510

JEEP

Beat



WALKSacramento

W HNBD

HNBD

в

Distance (ft) |

Distance (ft)

County LOS ANGELES

Weather2

County LOS ANGELES

Weather2

Report run on: 9/9/2004

Primary Rd ROSECRANS AV

Primary Collision Factor STOP SGNISIG

Primary Collision Factor IMPROP TURN

Total Count: 51

City HAWTHORNE

dit and Run

Neatherst SNOWING

DRVR 24 F

DRVR 29 F

Primary Rd HINDRY AV

fit and Run MSDMNR

Dity HAWTHORNE

Veather1 CLEAR

Choose a meeting place and time

• Think about a meeting room on the school campus or nearby (ie: library, multi-purpose room, community center)

The location should be within the school walk zone

- Consider a time convenient for most stakeholders
 - Right before or after school works well
 - Avoid walking at dawn or dusk

Outreach to stakeholders

SCHOOL

- Principal
- Parents/guardians
- Students
- PTA/ PTO members
- School administration
- Teachers
- After school program leaders
- School district staff Safe
 Schools Manager, Facilities
 Department
- Other school staff

COMMUNITY

- Neighborhood association members
- Neighbors
- Local business owners
- Pedestrian advocates
- Bicycle advocates
- Parks and Recreation staff
- Health department
- Grants programs manager

LOCAL GOVERNMENT

- Planning staff
- Public Works Department
- Elected officials and city staff
- Law enforcement (City of Sacramento Police
 Department, Sacramento
 County Sherriff's
 Department, California
 Highway Patrol)

Prepare materials



- Aerial maps
- Clipboards
- Checklists
- Individual maps
- Writing utensils
- Cameras
- Safety vests
- Refreshments

ALKSacramento

Plan routes

- Define your walking routes
- Think about what you want to accomplish on the assessment
 - Is the major complaint pick-up and drop-off? Or is it an intersection ¼ mile away?
- Aim for a 30-45 minute walk
- Defining the routes ahead of time helps things be more organized, but...
 - Stay flexible!

Perform your audit!



Time to hit the streets

WALKSacramento

Thank you!



Emily Alice Gerhart WALKSacramento <u>egerhart@walksacramento.org</u>

WALKSACRAMENTO

Facebook.com/WALKSacramento Twitter.com/WALKSacramento