

# PICH BASELINE REPORT

July, 2016

Prepared for:

Toiyabe Indian Health Project

Community Wellness Program

Preventive Medicine Department

Prepared by:

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## Executive Summary

### Background

Toiyabe Indian Health Project ([TIHP](#)) was awarded a grant from the Centers for Disease Control and Prevention ([CDC](#)): Partnerships to Improve Community Health ([PICH](#)). Interventions run by TIHP under the PICH grant include, but are not limited to, increasing the number of indoor and outdoor physical fitness wellness centers and the availability of bicycle and walking paths.

The Public Health Institute ([PHI](#)) was contracted by TIHP to conduct an actual use assessment of their biking and walking paths.

The Bishop-Paiute Tribe's Conservation Open Space Area (COSA) is physically located on tribal lands and is open to the public 24 hours a day, 7 days a week. This actual use evaluation assessed the number of persons visiting the COSA.

### Methods

A Biking/Walking Path Actual Use data collection form was used to evaluate the actual use of the COSA trail at six separate entrance points. This data collection instrument was modified from the System for Observing Play and Recreation in Communities (SOPARC) Path Coding Form. Modifications included adding an American Indian/Alaska Native race/ethnicity category, changing "Seniors" to "Elders" for the age group, and modifying the activity levels to Walking, Biking, and Sedentary, with a space to include notes. At each access point, for one hour, the number of adults and children who entered the path were hand-tallied on the Biking/Walking Path form. Additional information was captured when available.

### Results

On three days in September 2015, three 1-hour observation sessions were conducted at three separate access points to the COSA for one hour, for a total of 27 observation periods. A total of 75 persons were recorded entering the COSA during these observation periods.

13 observation periods recorded no COSA entrances.

The sample was 52% male. The majority were adults (55%), and over one-third (37%) were children or teenagers. The race/ethnicity was observed by the data collectors and should be interpreted with caution. Over half (57%) of the sample was categorized as White and 28% as American Indian or Alaska Native. The majority of the sample accessed the trail via foot (73%). Peak times for accessing the trail were weekday mornings and early afternoons.

### Discussion

Data collected was observational and participants were not approached. Thus, the age, gender, and race/ethnicity of the sample may not be accurately reflected due to data collector interpretation and biases. This is expected in observational data collection procedures. A tribal community event on Saturday evening and a music festival Friday-Sunday may have impacted COSA usage. It is recommended at the follow-up data collection session to capture the 3:00PM commuter audience for the Hospital.

## Background

Toiyabe Indian Health Project ([TIHP](#)) was awarded a grant from the Centers for Disease Control and Prevention ([CDC](#)): Partnerships to Improve Community Health ([PICH](#)). Interventions run by TIHP under the PICH grant include, but are not limited to, increasing the number of indoor and outdoor physical fitness wellness centers and the availability of bicycle and walking paths.

The Public Health Institute ([PHI](#)) was contracted by TIHP to conduct an actual use assessment of their biking and walking paths.

The Bishop-Paiute Tribe's Conservation Open Space Area (COSA) is physically located on tribal lands and is open to the public 24 hours a day, 7 days a week. As of September 2015, the COSA path was approximately ½ mile in length. This actual use evaluation assessed the number of persons visiting the COSA.

## Methods

### **Data Collection Area:**

Conservation Open Space Area (COSA) Biking/Walking Path - Bishop-Paiute Indian Reservation.

### **Path Access Points/Data Collection Sites:**

1. Owens Valley Paiute Shoshone Cultural Center (**Cultural Center**)
2. See-Vee Lane street/path intersection (**See-Vee**)
3. Bureau of Land Management and Department of Motor Vehicles (**BLM**)
4. Northern Inyo Hospital (**Hospital**)
5. Gated School Entrance adjacent to Cemetery (**School Fence**)
6. Gated School Entrance adjacent to Indian Trail (**Barbed Wire**)

COSA access points were selected based on their popularity for students, families, employees, birders, and local residents. Photos of the COSA path, and each of the above listed data collection sites on the COSA, are displayed on the following pages.

## Conservation Open Space Area (COSA)





## Owens Valley Paiute Shoshone Cultural Center (#1 - Cultural Center)





See-Vee Lane street/path intersection (#2 - See-Vee)





Bureau of Land Management and Department of Motor Vehicles (#3 - BLM)





Northern Inyo Hospital (#4 - Hospital)





Gated School Entrance adjacent to Cemetery (#5 - School Fence)





Gated School Entrance adjacent to Indian Trail (#6 - Barbed Wire)





## Instruments and Data Collectors

TIHP advertised Community Data Collector positions in their Community Newsletter in May and June of 2015. Three Bishop or Big Pine Paiute American Indian community members were hired to assist PHI in collecting data for the actual use evaluation. Training was led by PHI staff and held at TIHP [Preventive Medicine](#) department, and included an overview of the project and peer-to-peer pilot testing of the data collection instruments.

A Biking/Walking Path Actual Use data collection form ([Appendix A](#)) was used to evaluate the actual use of the COSA trail. This data collection instrument was modified from the System for Observing Play and Recreation in Communities (SOPARC) Path Coding Form ([Appendix B](#)). Modifications included adding an American Indian/Alaska Native race/ethnicity category, changing “Seniors” to “Elders” for the age group, and modifying the activity levels to Walking, Biking, and Sedentary, with a space to include notes. At each access point, for one hour, the number of adults and children who entered the COSA were hand-tallied on the Biking/Walking Path form. Additional information was captured when available.

During the PHI-led training, all data collection staff had the opportunity to practice coding race/ethnicity, age group, and behavior. The training took strategies and protocols from the SOPARC description and procedures manual ([Appendix B](#)). This protocol outlines strategies for identifying demographic characteristics of observed participants, including their race/ethnicity. The SOPARC protocol states that for unidentifiable persons, ethnicity should be coded “...based on the “majority” of park users in the neighborhood (i.e., if the community is primarily Latino, code as such).” AIAN are more likely to be misclassified in vital statistic records and in observations than other racial/ethnic groups. An added benefit of partnering with local tribal community members to collect data included the increased likelihood of capturing accurate race/ethnicity in their observations. Data collectors were trained on identifying a participant’s general age group, according to SOPARC protocol definitions. SOPARC age categories are defined as:

- Child – infancy to 12 years

- Teen – Adolescents from 13 to 20 years

- Adult – People 21 to 59 years

- Seniors (Elders) – People 60 years and older

## Results

One Community Data Collector did not show up, and one was not able to attend the final data collection session on Saturday at 5:00PM. PHI staff took over duties of actual use counts as necessary.

### Actual Use

On three days in September 2015, three 1-hour observation session were conducted at three separate access points to the COSA for one hour, for a total of 27 observation periods. A total of 75 persons were recorded entering the COSA during these observation periods.

13 observations periods recorded no COSA entrances.

The sample was 52% male (Table 1). The majority were adults (55%), and over one-third (37%) were children or teenagers. The race/ethnicity was observed by the data collectors and should be interpreted with caution. Over half (57%) of the sample was categorized as White and 28% as American Indian or Alaska Native. The majority of the sample accessed the trail via foot (73%).

Table 1. Demographics COSA Biking/Walking Path Users (n=75)

Variable	n	%
<b>Sex</b>		
Male	39	52%
Female	35	47%
Unknown <sup>1</sup>	1	1%
<b>Age</b>		
Elder	6	8%
Adult	41	55%
Teen	13	17%
Child	15	20%
<b>Race/Ethnicity</b>		
American Indian/ Alaska Native	21	28%
Black/ African American	0	0%
White	43	57%
Hispanic/Latino	7	9%
Asian	0	0%
Unknown	4	5%
<b>Activity</b>		
Biking <sup>2</sup>	16	21%
Walking	55	73%
Sedentary <sup>3</sup>	4	5%

Note: Percentages may not add up to 100% due to rounding.

<sup>1</sup> Infant in bike carriage; unable to identify gender.

<sup>2</sup> A child riding a non-motorized scooter was recoded as 'biking'.

<sup>3</sup> Three separate vehicles with one driver, respectively, and one infant in a bike carriage.

Peak times for accessing the trail were weekday mornings and early afternoons (Table 2).

*Table 2. Observations x Date x Time x Location*

Date	Time	Age (n, %)				Total	
Target Areas		Child/Teen		Adult/Elder		Observations	
Thursday 9/17/15							
Cultural Center Hospital BLM	10:15AM-11:15AM	12	55%	10	45%	22	67%
	10:22AM-11:22AM						
	12:00PM-1:00PM	0	0%	8	100%	8	24%
	4:30PM-5:30PM	0	0%	3	100%	3	9%
TOTAL		12	36%	21	64%	33	100%
Friday 9/18/15							
Hospital Chain Link Fence Barbed Wire	7:45AM-8:45AM	4	33%	8	67%	12	33%
	7:47AM-8:47AM						
	1:30PM-2:30PM	1	14%	6	86%	7	19%
	2:45PM-3:45PM	11	65%	6	35%	17	47%
TOTAL		16	44%	20	56%	36	100%
Saturday 9/19/2015							
Hospital See-Vee Lane BLM	7:15AM-8:15AM	0	0%	0	0%	0	0%
	11:00AM-12:00PM	0	0%	3	100%	3	50%
	5:00PM-6:00PM	0	0%	3	100%	3	50%
	TOTAL		0	0%	6	100%	6

Note: Percentages may not add up to 100% due to rounding. Morning start times varied on Thursday and Friday due to data collector walking and setup time.

## Characteristics of the Observation Periods

Thursday 9/17

Sunny (High 84; Low: 41)

Sunrise: 6:36AM

Sunset: 6:58PM

Target Audience: Employees/Staff at facilities and organizations adjacent to the COSA trail. Utilizing COSA for work walking breaks, lunch breaks, commuting home.

Data Collection Points:

- BLM
- Hospital
- Cultural Center

Data Collection Times:

- 10AM-11AM (~70-72 Degrees F)
- 12PM-1PM (~74-78 Degrees F)
- 4:30PM-5:30PM (~82-83 Degrees F)

Only participants ENTERING the path from the data collection points were counted. Participants exiting the path were not counted.

A preschool program entered the path in the morning shift. These students/staff were observed participating/leading lessons and having supervised playtime on the COSA trail throughout the morning.

Hospital shifts are from 3AM-3PM and 3PM-3AM; subsequently, commute access were likely missed at the Hospital entrance point. It is anecdotally noted that several clinic and hospital workers appeared to be utilizing the bike path around 2PM on Friday (badges, wearing scrubs, etc.) for break time physical activity walks – these participants were captured in the Friday data collection periods.



Friday 9/18/15

Sunny (High 87; Low: 49)

Sunrise: 6:37AM

Sunset: 6:56PM

Target Audience: Students/Guardians walking or biking to/from school.

School Schedule: Bishop Elementary, Middle, and High Schools start at 8:15AM. Kindergarten through 3<sup>rd</sup> Grade is dismissed Mondays at 1:25PM, and Tuesday-Friday at 2:15PM. The 4<sup>th</sup> and 5<sup>th</sup> grades are dismissed Mondays at 2:15PM and Tuesday-Friday at 3:05PM. Bishop High School is dismissed Mondays at 2:23PM and Tuesday-Friday at 3:18PM. Bishop Middle School is released Mondays at 2:15PM and Tuesday-Friday at 3:05pm

Data Collection Points:

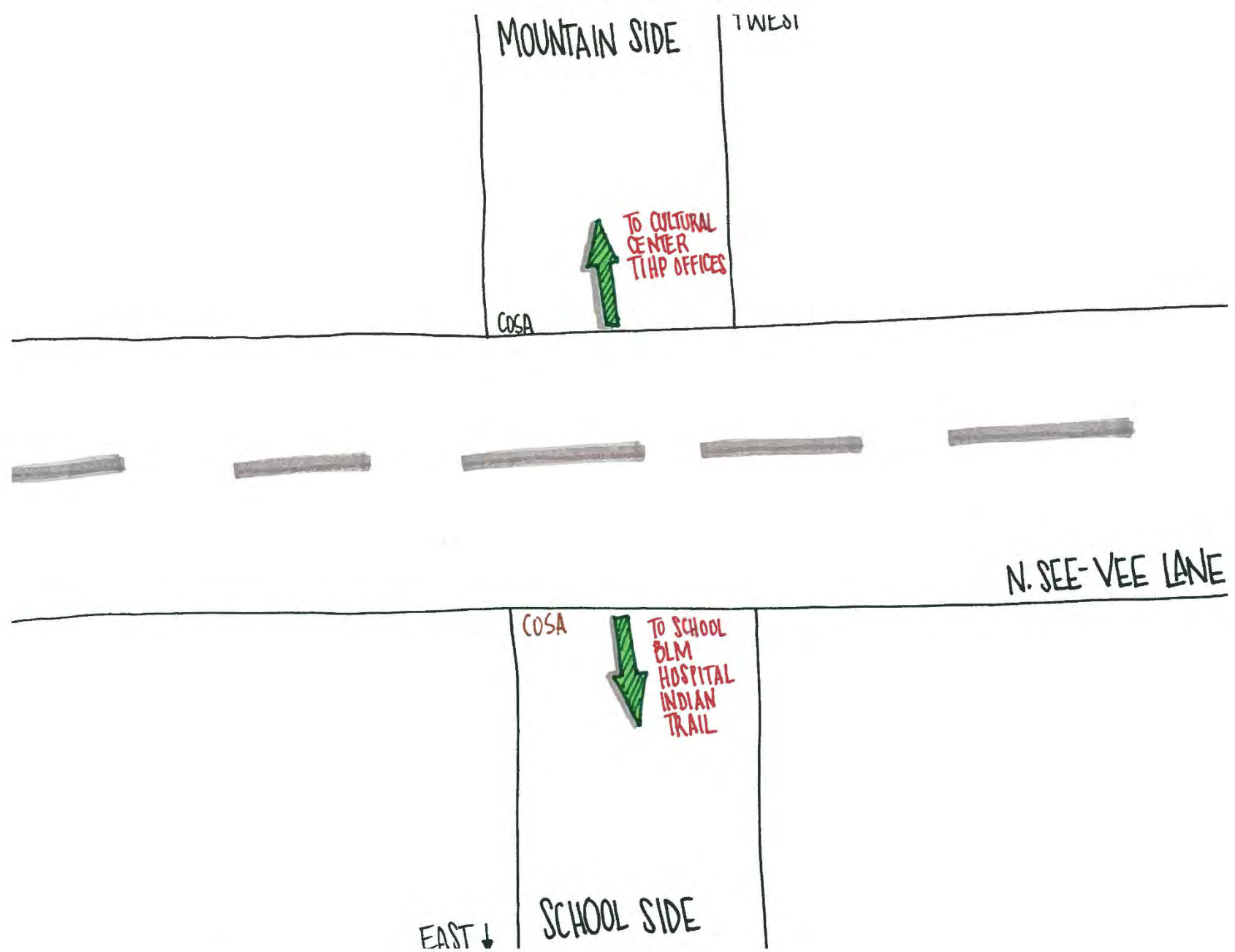
- Hospital (entrance point and passing point)
- Gated Fence
- Barbed Wire

Data Collection Times:

- 7:45AM-8:45AM (~56-66 Degrees F)
- 1:30PM-2:30PM (~81-85 Degrees F)
- 2:45PM-3:45PM (~85-87 Degrees F)

During the first data collection shift, the data collectors at the two school entrances (gated fence and barbed wire) counted only participants who entered the school through the gates. Exits from the school were not counted. Participants walking by on the COSA who did not enter the school at the access point were not counted at these two stations. During the second and third data collection shifts, the data collectors at the two school entrances (gated fence and barbed wire) counted only participants who entered the COSA path from the school. Entrances to the school were not counted, and did not occur during the shifts. Participants walking by on the COSA who did not enter from school at the access point were not counted at these two stations. During all three data collection shifts, the Hospital area captured participants on the path, regardless of their entrance point. The data collector indicated the direction that the participant came from and the direction that they were headed in. See diagram on next page.

Diagram 1.



Friday morning, it was discovered that a 3<sup>rd</sup> grade field trip/outdoor event would be conducted and would potentially occur during data collection periods. PHI staff spoke with school staff setting up tables/equipment on the COSA and was informed that from 9AM-1PM a group of 3<sup>rd</sup> graders would be accessing the path, along with adult chaperones and teaching staff. The stationed data collector did not include these people, as the first data collection period was to assess students/parents entering the school at this collection point (the following two data collection periods on Friday would assess the number of students who accessed the path at this data collection point after leaving the school). PHI staff received permission from one staff member to get a quick count of the adults and students participating in this event. Approximately 12 adults (teachers and parents) and 46 students (potentially two classrooms of 21 and 25 students, respectively) entered the COSA trail from the school at the Gated Fence collection point at 8:30AM. One adult/child pair left the group at one point, returned to the school, and returned back to the activity at approximately 8:45AM. The data collector did not include this adult/child pair. Approximately 3 adults entered the bike path by foot or bike at the Hospital entrance or intersection during the first data collection period, and, were seen participating in the 3<sup>rd</sup> grade field trip activity on the COSA. These adults were included in the data collection tally, and a note was made that they were part of the 3<sup>rd</sup> grade activity group. Post-data collection, an email from the Bishop-Paiute Environmental Office was forwarded to PHI. This email explained that along with ESICE, the Pine Street School, and Inyo County Office of Education, the Bishop-Paiute tribe was helping facilitate the third *Exploring a Wetland* event, occurring through the week. Students and teachers from the third grade classrooms from Pine Street, Lone Pine, and Round Valley would be using the eastern part of the trail for these purposes.

The gate at the Gated Fence entrance point remained locked the entire time at each data collection period, with the exception of being unlocked for the 3<sup>rd</sup> grade classroom to enter the path. The gate was immediately re-locked after the classroom entered the bike trail.

The Barbed Wire entrance point was open by the time the data collectors reported for the first data collection shift on Friday. When the data collectors returned for the second shift, the gate had been locked at this entrance point, but was unlocked at 2:13PM.

Saturday 9/19/15

Sunny (High 91; Low: 44)

Sunrise: 6:38AM

Sunset: 6:55PM

Target Audience: Community members using the path for recreational, exercise, and birding/wildlife opportunities.

Data Collection Points:

- See-Vee Lane (both entrances)
- BLM
- Hospital

Data Collection Times:

- 7:15AM-8:15AM (~47-65 Degrees F)
- 11AM-12PM (~78-82 Degrees F)
- 5PM-6PM (~90-88 Degrees F)

Only participants ENTERING the path from the data collection points were counted. Participants exiting the path were not counted. Two entrance points were captured at See-Vee Lane: those heading towards the Cultural Center (Mountains) and those headed towards the BLM/Hospital/School/Indian Trail. See diagram on next page.

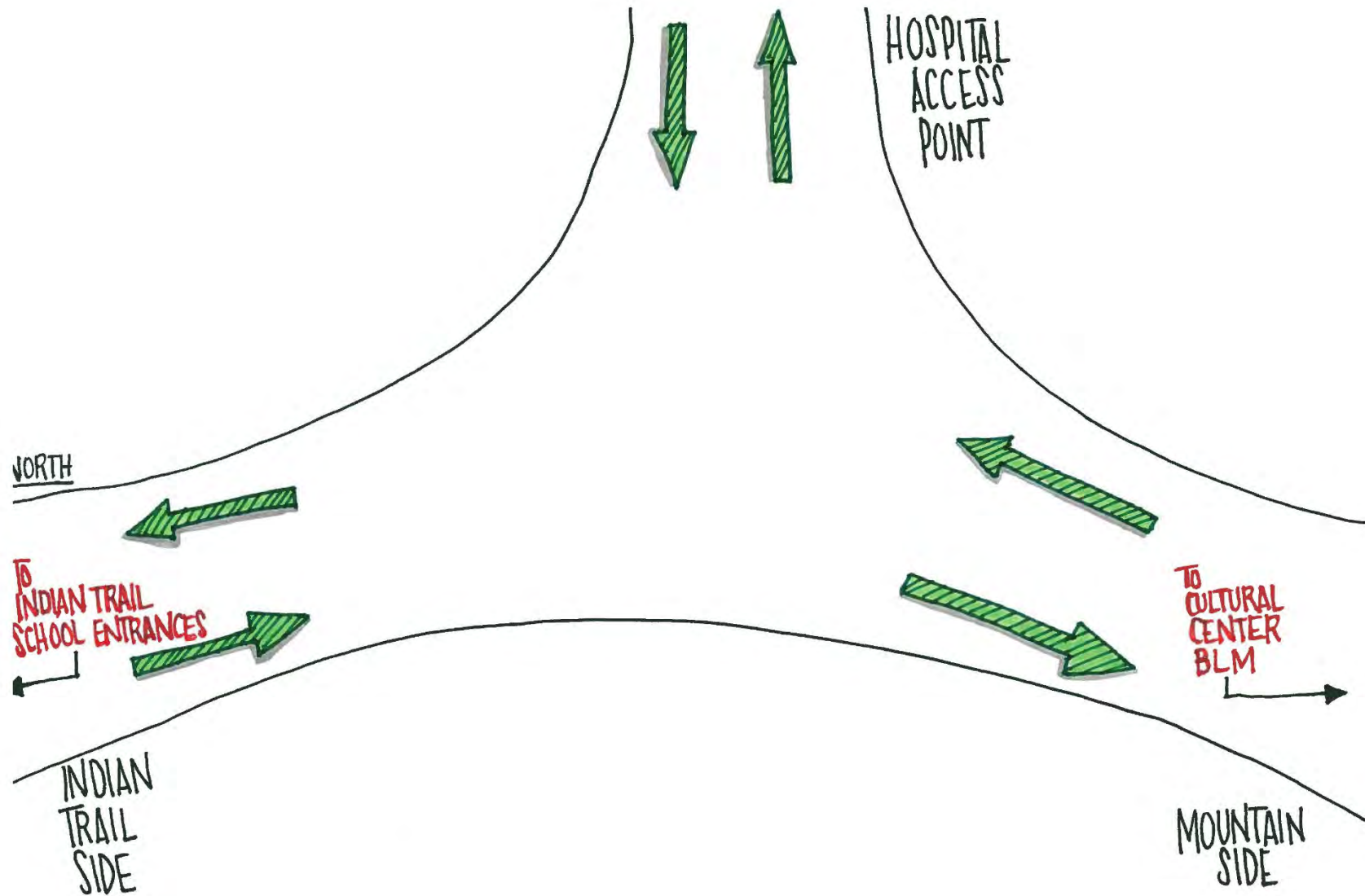
The temperature was heating up at 11:00AM; 10:00AM may have been a more representative time of COSA usage regarding the weather for this day. The original data collection time of 6PM-7PM was moved up 1 hour as it was beginning to get dark in Bishop at 7PM.

Summer Bird Walks take place on the 2<sup>nd</sup> Saturday of each month (in 2015, these dates were 6/13, 7/11, 8/8, and 9/12) at 7:30AM. Participants meet at the Northwest corner of the BLM/Forest Service Building parking lot. An organized bird walk was not scheduled, and did not occur, during this data collection period.

The Millpond Music Festival was occurring in Bishop, CA Sept 18-20 and may have impacted recreational use of the trail on these days. One participant on the COSA trail on Saturday indicated that there were fewer birders than usual; she attributed this to the music festival.



Diagram 2.



FRIDAY, SEPTEMBER 18, 2015

## Discussion

### **Limitations**

Data collected was observational and participants were not approached. Thus, the age, gender, and race/ethnicity of the sample may not be accurately reflected due to data collector interpretation and biases. This is expected in observational data collection procedures.

A preschool field trip to the COSA resulted in several children and adults accessing the COSA during a scheduled visit, and may not accurately reflect the number of participants on a normal day.

A tribal community event on Saturday evening and a music festival Friday-Sunday may have impacted COSA usage.

### **Recommendations**

1. Capture the 3:00PM commuter audience for the Hospital.

## Appendix A: Data Collection Form

<b>Date:</b>						<b>Observer:</b>								<b>Weather</b> [circle all that apply]	Cloudy	Cold	Raining
<b>Park/Path:</b>						<b>Start Time:</b>									Sunny	Hot	Windy
<b>Target Area:</b>						<b>End Time:</b>									Drizzling/Sprinkling		
Person	Sex		Age Group				Ethnicity						Activity				
	F	M	Child	Teen	Adult	Elder	AIAN	W	L	B	As	dk	Sedentary	Walking	Jogging/ Running	Biking	Other (notate)
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	



## Appendix B: SOPARC Links

### *SOPARC Tool*

[http://activelivingresearch.org/sites/default/files/SOPARC\\_DataPathCodingForms.pdf](http://activelivingresearch.org/sites/default/files/SOPARC_DataPathCodingForms.pdf)

### *SOPARC Protocol*

[http://activelivingresearch.org/sites/default/files/SOPARC\\_Protocols.pdf](http://activelivingresearch.org/sites/default/files/SOPARC_Protocols.pdf)

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## Appendix C: Collected Data

# SOPARC PATH CODING FORM

<b>Date:</b> 9/18/15		<b>Observer:</b> Tunde				<b>Weather</b> [circle all that apply]		<b>Cloudy</b> <input checked="" type="radio"/> Sunny		<b>Cold</b> Hot		<b>Raining</b> Windy					
<b>Park/Path:</b> COSA		<b>Start Time:</b> 7:45 AM															
<b>Target Area:</b> Chai's fence		<b>End Time:</b> 8:45 AM										<b>Drizzling/Sprinkling</b>					
Person	Sex		Age Group				Ethnicity				Activity						
	F	M	Child	Teen	Adult	Elder	AIAN	W	L	B	As	dk	Sedentary	Walking	Jogging/ Running	Biking	Other (notate)
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	

# SOPARC PATH CODING FORM

Date: 7/18/15		Observer: Shawna Nelson		Weather [circle all that apply]		Cloudy	Cold	Raining									
Park/Path: Co'sa		Start Time: 7:47 am		Sunny		Hot	Windy										
Target Area: Dashed Wire Zone		End Time: 8:47 am		Drizzling/Sprinkling													
Person	Sex		Age Group			Ethnicity				Activity							
	F	M	Child	Teen	Adult	Elder	AIAN	W	L	B	As	dk	Sedentary	Walking	Jogging/Running	Biking	Other (notate)
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	



# SOPARC PATH CODING FORM

<b>Date:</b> 9/17/2015		<b>Observer:</b> Twyla																	
<b>Park/Path:</b> COB		<b>Start Time:</b> 10:13 AM																	
<b>Target Area:</b> BLM		<b>End Time:</b> 11:15 AM																	
Person	Sex		Age Group			Ethnicity				Activity									
	F	M	Child	Teen	Adult	Elder	AIAN	W	L	B	As	dk	Sedentary	Walking	Jogging/Running	Biking	Other (notate)		
1	✓				✓			✓						✓			School trip Field		
2	✓				✓			✓						✓			School trip		
3		✓			✓				✓					✓			School trip		
4	✓			✓				✓						✓			School trip (1-14) ↓		
5	✓			✓			✓							✓					
6	✓			✓								✓		✓					
7	✓			✓					✓					✓					
8	✓			✓					✓					✓					
9	✓	✓		✓			✓							✓					
10		✓		✓					✓					✓					
11		✓		✓					✓					✓					
12		✓		✓					✓					✓					
13		✓		✓				✓						✓					
14		✓		✓				✓						✓					
15	✓				✓			✓						✓					
16																			
17																			
18																			



# SOPARC PATH CODING FORM

Date: 9/17/15		Observer: DRC		Weather: [circle all that apply]		Cloudy	Cold	Raining										
Park/Path: CSPA		Start Time: 10:22AM		Hot		Sunny	Hot	Windy										
Target Area: CULPARK CENTER		End Time: 11:22AM		Drizzling/Sprinkling														
Person	Sex			Age Group				Ethnicity					Activity					
	F	M		Child	Teen	Adult	Elder	AIAN	W	L	B	As	dk	Sedentary	Walking	Jogging/Running	Biking	Other (notate)
1																		eating snack :10 229
2																		DRIVING :57
3																		DRIVING :57
4																		at shore :58
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		

# SOPARC PATH CODING FORM

<b>Date:</b> 9/17/15		<b>Observer:</b> Shauna Nelson		<b>Weather</b>		<b>Cloudy</b>	<b>Cold</b>	<b>Raining</b>										
<b>Park/Path:</b> Casa		<b>Start Time:</b> 10:22 am		[circle all that apply]		<u>Sunny</u>	<b>Hot</b>	<b>Windy</b>										
<b>Target Area:</b> Hospital		<b>End Time:</b> 11:22 am		<b>Drizzling/Sprinkling</b>														
Person	Sex			Age Group				Ethnicity					Activity					
	F	M		Child	Teen	Adult	Elder	AIAN	W	L	B	As	dk	Sedentary	Walking	Jogging/Running	Biking	Other (notate)
1		X				X			X						X			
2		X		X					X									Riding Scooter
3		X				X			X						X			
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		



# SOPARC PATH CODING FORM

Date: 9/17/2015		Observer: TWYLA		Weather: Sunny		Cloudy		Cold		Raining							
Park/Path: COSA		Start Time: 12:00 PM		[circle all that apply]		Hot		Windy									
Target Area: BLM		End Time: 1:00 PM				Drizzling/Sprinkling											
Person	Sex		Age Group			Ethnicity				Activity							
	F	M	Child	Teen	Adult	Elder	AIAN	W	L	B	As	dk	Sedentary	Walking	Jogging/Running	Biking	Other (notate)
1	X				X			X						X			
2	X				X			X						X			
3		X			X			X						X			
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	

# SOPARC PATH CODING FORM

<b>Date:</b> 9/17/15		<b>Observer:</b> Ingrid Nelson		<b>Weather</b> [circle all that apply]		Cloudy	Cold	Raining										
<b>Park/Path:</b> Casa		<b>Start Time:</b> 12:00 pm				Sunny	Hot	Windy										
<b>Target Area:</b> Hospital		<b>End Time:</b> 1:00 pm				Drizzling/Sprinkling												
Person	Sex			Age Group				Ethnicity					Activity					
	F	M		Child	Teen	Adult	Elder	AIAN	W	L	B	As	dk	Sedentary	Walking	Jogging/ Running	Biking	Other (notate)
1		X				X			X								X	
2	X					X			X						X			
3	X					X			X						X			
4		X				X			X						X			
5																		
6																		
7																		
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16																		
17																		
18																		



# SOPARC PATH CODING FORM

Date: 9/12/15		Observer: DPL				Weather		Cloudy	Cold	Raining								
Park/Path: COTA		Start Time: 12:00 PM				[circle all that apply]		Sunny	Hot	Windy								
Target Area: CUMMINS CENTER		End Time: 1:00 PM						Drizzling/Sprinkling										
Person	Sex			Age Group			Ethnicity				Activity							
	F	M		Child	Teen	Adult	Elder	AIAN	W	L	B	As	dk	Sedentary	Walking	Jogging/Running	Biking	Other (notate)
1	1					1		1										Smoking cigarette
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		



# SOPARC PATH CODING FORM

<b>Date:</b>		9/12/15		<b>Observer:</b>		ERIC		<b>Weather</b> [circle all that apply]		<b>Cloudy</b>		<b>Cold</b>		<b>Raining</b>				
<b>Park/Path:</b>		COSA		<b>Start Time:</b>		4:30 PM				<b>Sunny</b>		<b>Hot</b>		<b>Windy</b>				
<b>Target Area:</b>		CULTURAL CENTER		<b>End Time:</b>		5:30 PM								<b>Drizzling/Sprinkling</b>				
Person	Sex			Age Group			Ethnicity					Activity						
	F	M		Child	Teen	Adult	Elder	AIAN	W	L	B	As	dk	Sedentary	Walking	Jogging/ Running	Biking	Other (notate)
1																		DRIVING
2																		READING WITH INFO BOARD/WALKING
3																		"
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		

# SOPARC PATH CODING FORM

Date: 9/17/2015		Observer: Tanya		Weather: Sunny		Cloudy		Cold		Raining							
Park/Path: C&A		Start Time: 4:30pm		[circle all that apply]		Hot		Windy									
Target Area: BLM		End Time: 5:30pm		Drizzling/Sprinkling													
Person	Sex		Age Group			Ethnicity				Activity							
	F	M	Child	Teen	Adult	Elder	AIAN	W	L	B	As	dk	Sedentary	Walking	Jogging/Running	Biking	Other (notate)
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	



# SOPARC PATH CODING FORM

Date: 9/17/15		Observer: Shawne Nelson		Weather: Sunny		Cloudy		Cold		Raining							
Park/Path: Casa		Start Time: 4:30 pm		[circle all that apply]		Hot		Windy									
Target Area: Hospital		End Time: 5:30 pm		Drizzling/Sprinkling													
Person	Sex		Age Group			Ethnicity				Activity							
	F	M	Child	Teen	Adult	Elder	AIAN	W	L	B	As	dk	Sedentary	Walking	Jogging/Running	Biking	Other (notate)
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	

# SOPARC PATH CODING FORM

Date: 9/19/2015 - Saturday		Observer: Twyla																	
Park/Path: COSA		Start Time: 11:00 AM																	
Target Area: BLM		End Time: 12:00 PM																	
Person	Sex			Age Group			Ethnicity					Activity							
	F	M	Child	Teen	Adult	Elder	AIAN	W	L	B	As	dk	Sedentary	Walking	Jogging/Running	Biking	Other (notate)		
1	X					X		X						X					
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
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15																			
16																			
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# SOPARC PATH CODING FORM

<b>Date:</b> 7/19/2015		<b>Observer:</b> Twyla																		
<b>Park/Path:</b> COSA		<b>Start Time:</b> 5:00 PM																		
<b>Target Area:</b> BLM		<b>End Time:</b> 6:00 PM																		
Person	Sex		Age Group			Ethnicity					Weather					Activity				
	F	M	Child	Teen	Adult	Elder	AIAN	W	L	B	As	dk	Sedentary	Walking	Jogging/ Running	Biking	Other (notate)			
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
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17																				
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# SOPARC PATH CODING FORM

<b>Date:</b>		9/19/15		<b>Observer:</b>		Rebecca Garrow		<b>Weather</b> [circle all that apply]		Cloudy		Cold		Raining			
<b>Park/Path:</b>		Hospital		<b>Start Time:</b>		5:00 PM				Sunny		Hot		Windy			
<b>Target Area:</b>		Hospital		<b>End Time:</b>		6:00 PM								Drizzling/Sprinkling			
Person	Sex		Age Group			Ethnicity					Activity						
	F	M	Child	Teen	Adult	Elder	AIAN	W	L	B	As	dk	Sedentary	Walking	Jogging/Running	Biking	Other (notate)
1																	
2																	
3																	
4																	
5																	
6																	
7																	
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15																	
16																	
17																	
18																	



# SOPARC PATH CODING FORM

<b>Date:</b>		9/19/15		<b>Observer:</b>		ERIC				<b>Weather</b> [circle all that apply]		<b>Cloudy</b>		<b>Cold</b>		<b>Raining</b>	
<b>Park/Path:</b>		COSTA		<b>Start Time:</b>		5:00 PM						<b>Sunny</b>		<b>Hot</b>		<b>Windy</b>	
<b>Target Area:</b>		SEE-NSE		<b>End Time:</b>		6:00 PM										<b>Drizzling/Sprinkling</b>	
<b>Person</b>	<b>Sex</b>		<b>Age Group</b>			<b>Ethnicity</b>					<b>Activity</b>						
	F	M	Child	Teen	Adult	Elder	AIAN	W	L	B	As	dk	Sedentary	Walking	Jogging/ Running	Biking	Other (notate)
1																	EAST PATH
2																	WEST PATH
3																	WEST PATH
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	

# SOPARC PATH CODING FORM

<b>Date:</b> 9/19/15		<b>Observer:</b> BPL															
<b>Park/Path:</b> 205A		<b>Start Time:</b> 11:00 AM															
<b>Target Area:</b> 48E-48E		<b>End Time:</b> 12:00 PM															
Person	Sex		Age Group			Ethnicity					Activity						
	F	M	Child	Teen	Adult	Elder	AIAN	W	L	B	As	dk	Sedentary	Walking	Jogging/ Running	Biking	Other (notate)
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
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15																	
16																	
17																	
18																	



# SOPARC PATH CODING FORM

<b>Date:</b> 9/19/18		<b>Observer:</b> Shannon Nelson		<b>Weather</b> [circle all that apply]		Cloudy	Cold	Raining										
<b>Park/Path:</b> Coza		<b>Start Time:</b> 11:00 am				Sunny	Hot	Windy										
<b>Target Area:</b> Hospital		<b>End Time:</b> 12:00 pm				Drizzling/Sprinkling												
Person	Sex			Age Group				Ethnicity					Activity					
	F	M		Child	Teen	Adult	Elder	AIAN	W	L	B	As	dk	Sedentary	Walking	Jogging/ Running	Biking	Other (notate)
1																		
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		



# SOPARC PATH CODING FORM

Date:		9/19/15		Observer:		ERIC		Weather		Cloudy		Cold		Raining				
Park/Path:		COSA		Start Time:		7:15 AM		[circle all that apply]		Sunny		Hot		Windy				
Target Area:		SEEVER		End Time:		8:15 AM								Drizzling/Sprinkling				
Person	Sex			Age Group			Ethnicity					Activity						
	F	M		Child	Teen	Adult	Elder	AIAN	W	L	B	As	dk	Sedentary	Walking	Jogging/Running	Biking	Other (notate)
1																		
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
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13																		
14																		
15																		
16																		
17																		
18																		

# SOPARC PATH CODING FORM

<b>Date:</b> 9/19/15		<b>Observer:</b> Shannon Nelson		<b>Weather</b> [circle all that apply]		<b>Cloudy</b>	<b>Cold</b>	<b>Raining</b>										
<b>Park/Path:</b> Cosh		<b>Start Time:</b> 7:15 am				<b>Sunny</b>	<b>Hot</b>	<b>Windy</b>										
<b>Target Area:</b> Hospital		<b>End Time:</b> 8:15 am				<b>Drizzling/Sprinkling</b>												
<b>Person</b>	<b>Sex</b>		<b>Age Group</b>				<b>Ethnicity</b>		<b>Activity</b>									
	F	M	Child	Teen	Adult	Elder	AIAN	W		L	B	As	dk	Sedentary	Walking	Jogging/ Running	Biking	Other (notate)
1																		
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
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14																		
15																		
16																		
17																		
18																		



# SOPARC PATH CODING FORM

<b>Date:</b> Sat, August 19		<b>Observer:</b> Twyla																	
<b>Park/Path:</b> COSA		<b>Start Time:</b> 7:15 AM																	
<b>Target Area:</b> BLM		<b>End Time:</b> 8:15 AM																	
Person	Sex		Age Group			Ethnicity				Weather					Activity				
	F	M	Child	Teen	Adult	Elder	AIAN	W	L	B	As	dk	Sedentary	Walking	Jogging/ Running	Biking	Other (notate)		
1																			
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			



# SOPARC PATH CODING FORM

<b>Date:</b> 9/18/15		<b>Observer:</b> ERIC																	
<b>Park/Path:</b> 105A		<b>Start Time:</b> 1:30 PM																	
<b>Target Area:</b> 1077.1AL		<b>End Time:</b> 2:30 PM																	
Person	Sex		Age Group			Ethnicity					Activity					Weather [circle all that apply]	Cloudy	Cold	Raining
	F	M	Child	Teen	Adult	Elder	AIAN	W	L	B	As	dk	Sedentary	Walking	Jogging/ Running				
1																			
2																		M → H	
3																		H → M Hospital employee	
4																		M → H	
5																		H → M	
6																		H → M	
7																		H → M	
8																		H → M	
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			

# SOPARC PATH CODING FORM

<b>Date:</b> 9/18/15		<b>Observer:</b> ERL																	
<b>Park/Path:</b> COSTA		<b>Start Time:</b> 2:45 PM																	
<b>Target Area:</b> HOSPITAL		<b>End Time:</b> 3:45 PM																	
Person	Sex		Age Group				Ethnicity				Activity								
	F	M	Child	Teen	Adult	Elder	AIAN	W	L	B	As	dk	Sedentary	Walking	Jogging/Running	Biking	Other (note)		
1																	H → M HOSPITAL M → H EMPLOYEE		
2																	H → M		
3																	H → I		
4																	H → I		
5																	H → M		
6																	H → M (NME)		
7																	M → I		
8																	H → M (NME)		
9																	H → M HOSPITAL EMPLOYEE		
10																	H → M		
11																	H → M		
12																	H → M		
13																			
14																			
15																			
16																			
17																			
18																			



# SOPARC PATH CODING FORM

Date: 9/18/15		Observer: Shawna Nelson		Weather: [circle all that apply]		Cloudy	Cold	Raining									
Park/Path: Coza		Start Time: 1:30 pm		Hot		Sunny	Hot	Windy									
Target Area: Barb wired fence		End Time: 2:30 pm		Drizzling/Sprinkling													
Person	Sex		Age Group			Ethnicity			Activity								
	F	M	Child	Teen	Adult	Elder	AIAN	W	L	B	As	dk	Sedentary	Walking	Jogging/Running	Biking	Other (notate)
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	



# SOPARC PATH CODING FORM

<b>Date:</b> 9/18/15		<b>Observer:</b> Shawnee Nelson		<b>Weather</b> [circle all that apply]		Cloudy	Cold	Raining										
<b>Park/Path:</b> C&A		<b>Start Time:</b> 2:45 pm				Sunny	Hot	Windy										
<b>Target Area:</b> Barbed wire fence		<b>End Time:</b> 3:45 pm				Drizzling/Sprinkling												
Person	Sex			Age Group					Ethnicity					Activity				
	F	M		Child	Teen	Adult	Elder	AIAN	W	L	B	As	dk	Sedentary	Walking	Jogging/ Running	Biking	Other (notate)
1		X			X				X						X			
2		X			X				X						X			
3	X				X				X						X			
4		X			X				X						X			
5		X			X					X					X			
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		

# SOPARC PATH CODING FORM

<b>Date:</b> 9/16/2015		<b>Observer:</b> Twyla				<b>Weather</b> [circle all that apply]		<b>Cloudy</b> Sunny		<b>Cold</b> Hot		<b>Raining</b> Windy					
<b>Park/Path:</b> COSA		<b>Start Time:</b> 1:30 PM															
<b>Target Area:</b> Chain Fence		<b>End Time:</b> 2:30 PM															
Person	Sex		Age Group			Ethnicity					Activity						
	F	M	Child	Teen	Adult	Elder	AIAN	W	L	B	As	dk	Sedentary	Walking	Jogging/ Running	Biking	Other (notate)
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	



## SOPARC PATH CODING FORM

[illegible]



# SOPARC PATH CODING FORM

Date:		9/16/15		Observer:		FRLC		Weather		Cloudy		Cold		Raining			
Park/Path:		007A		Start Time:		7:45 AM		[circle all that apply]		Sunny		Hot		Windy			
Target Area:		HOSPITAL		End Time:		8:45 AM				Drizzling/Sprinkling							
Person	Sex		Age Group			Ethnicity					Activity						
	F	M	Child	Teen	Adult	Elder	AIAN	W	L	B	As	dk	Sedentary	Walking	Jogging/Running	Biking	Other (note)
1																	Skateboarding
2																	FROM INDIAN TRAIL SIDE
3																	
4																	
5																	
6																	IN DIKE OFFSHORE
7																	HOSP TO INDIAN TRAIL (3rd grade)
8																	MOUNTAIN SIDE TO HOSPITAL
9																	MOUNTAIN SIDE TOWARDS SCHOOL
10																	MOUNTAIN SIDE TOWARDS SCHOOL
11																	HOSP TO MOUNTAIN SIDE
12																	M → I (3rd grade staff)
13																	H → M → I
14																	
15																	
16																	
17																	
18																	