

# CITY OF LAKE SAINT LOUIS



## SIDEWALK PRIORITIZATION MODEL

October 28, 2015

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## INTRODUCTION AND BACKGROUND

### HISTORY OF THE SIDEWALK PROGRAM

Construction of new sidewalks are a reoccurring request from residents, and while the City has constructed a small number of sidewalk projects in recent years, Lake Saint Louis does not have a comprehensive system for analyzing need and prioritizing sidewalks. Previous planning documents referenced in the development of this plan include: Bikeable/Walkable Communities Plan and the Gateway Bike Plan. These plans had more focus on bike facilities, and attempted to create a list of viable projects, but did not assess the benefits of one route over another.

### DESIGN REQUIREMENTS

The City of Lake Saint Louis “Engineering and Plan Preparation Manual for Public Facilities” provides comprehensive standards for designs and construction of sidewalks by inclusion, and by reference to other documents. These standards conform to the following federal guidelines:

#### THE AMERICANS WITH DISABILITIES ACT (ADA)

Signed into law on in 1990, by President George H.W. Bush, the ADA is comprehensive legislation addressing discrimination and public accommodation for disabled persons.

#### ADA STANDARDS FOR ACCESSIBLE DESIGN (2010)

The 2010 Standards for Accessible Design were published in the Federal Register on September 15, 2010. The compliance deadline for these standards was March 15, 2012. The 2010 ADA Standards for Accessible Design are the most current edition of the Justice Department’s regulations for Titles II and III of the ADA. They apply to all facilities except transportation facilities.

#### DOT ADA STANDARDS FOR TRANSPORTATION FACILITIES (2006)

The Department of Transportation (DOT) ADA Standards apply to facilities used by state and local governments to provide designated public transportation services. Generally sidewalks within the right-of-way fall into this category.

### PRIORITIZATION SYSTEM BACKGROUND

The Sidewalk Prioritization System (System) was established in order to provide a data driven and efficient procedure for the prioritization of specific sidewalk projects throughout the City. Due to limited yearly funding, personnel, and materials, it is necessary to develop a logical system that organizes data in an efficient way to prioritize sidewalk projects.

The System provides a numerical score for each sidewalk location. The scores are based on several factors discussed later in this report. Methodology for development of the model is loosely based on a similar system implemented by the City of Fort Collins in their Sidewalk Prioritization model<sup>1</sup>.

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<sup>1</sup> (City of Fort Collins Sidewalk Prioritization Model, 2014)

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INVENTORY AND SCORING SYSTEM

INVENTORY PROCESS

Members of the city of Lake Saint Louis Public Works Department have prepared a detailed record of the City’s sidewalks. Using GIS mapping software and existing data, maps were created containing information about the locations of sidewalks within the city limits, pedestrian destinations and street classifications.

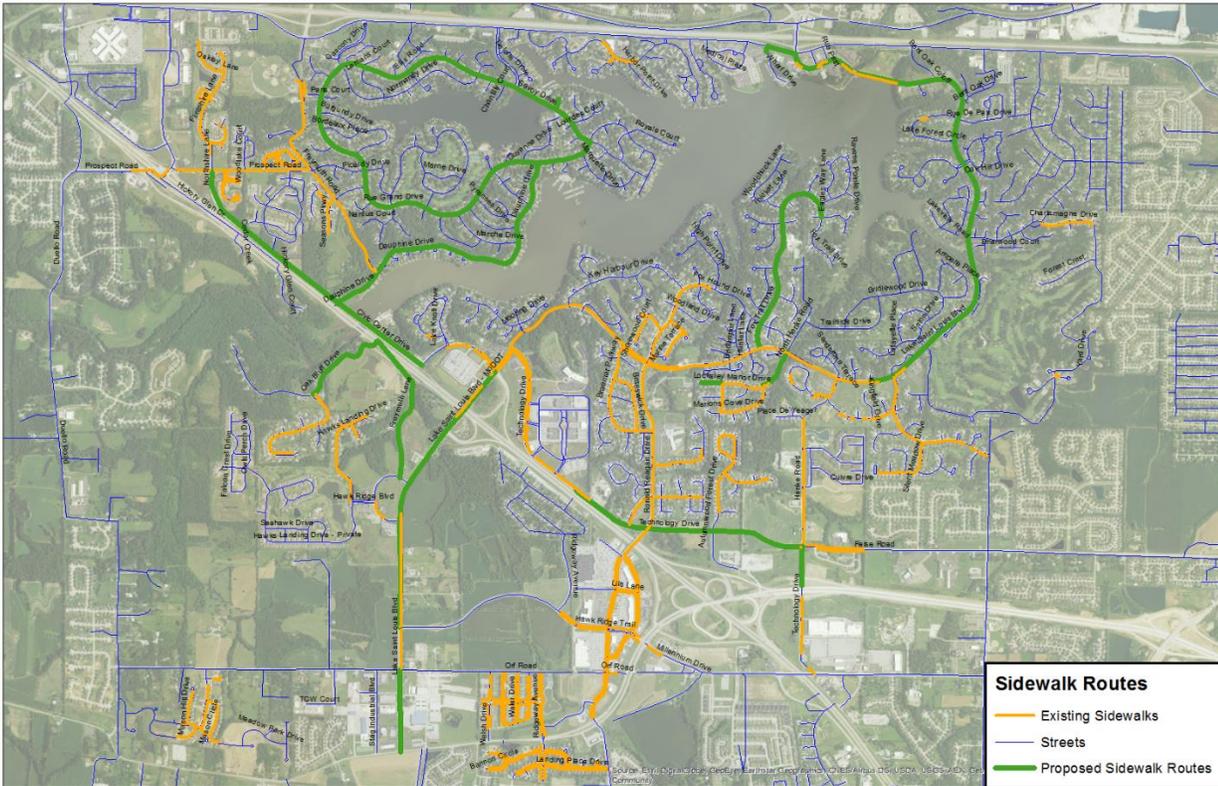


Figure 1 Sidewalk Routes

SCORING SYSTEM

Every member of the community at some point uses the city sidewalks to move from one point to another. Walking is the most basic form transportation and sidewalks are the infrastructure that supports this activity. The goals of the system is to balance a complete sidewalk network with cost efficiency. To address this goal, construction cost, functional classification, and other factors are considered in the scoring system. The most important factor in the system are pedestrian demand generators. These includes:

- Uptown Business District
- Schools
- Hospitals
- Parks

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- Trails
- Docks and Marinas
- Community Service Centers
- Commercial Developments

## DESTINATION SCORE

As early as the 1920's the five minute walk was used as the definition for a neighborhood and maximum desirable walking distance to a destination. Clarence Perry, used a quarter mile circle to depict the five minute walk and suggested cities should be planned around these 160 acre areas. Since this time cars have become common, and communities are no longer commonly planned around compact neighborhoods, but planners still look to the quarter mile circle or some derivation of it when deciding if a person is likely to make a trip by foot or use a car.

This plan takes this concept and assigns scores to particular land uses. These scores are based on anticipated pedestrian volume generated by each use and broken down into distances of 1000 ft and 1500 ft. A score was plotted on the map surrounding each demand generator based on these distances. Nearby demand generators create overlapping scores that are additive. The closer a pedestrian is to a demand generator; the more likely that individual is going to want to use a sidewalk. Having more options for nearby walking destinations further increases the likelihood a person will want to walk to a destination. Destinations were broken down into high, medium, and low generators. The highest score was given to areas that would see the most pedestrian traffic, with a descending score for medium and low. The highest score along a proposed sidewalk route was recorded as the destination score for the project.

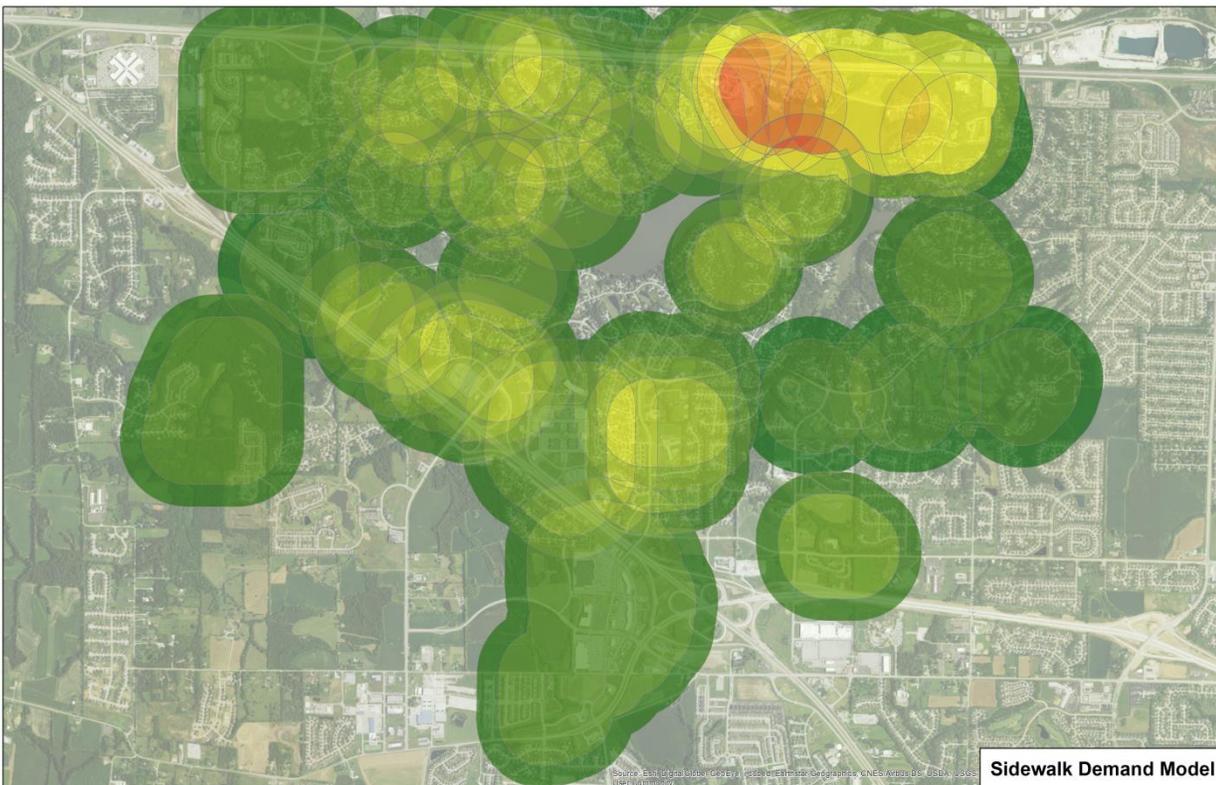


Figure 2 Sidewalk Demand Model

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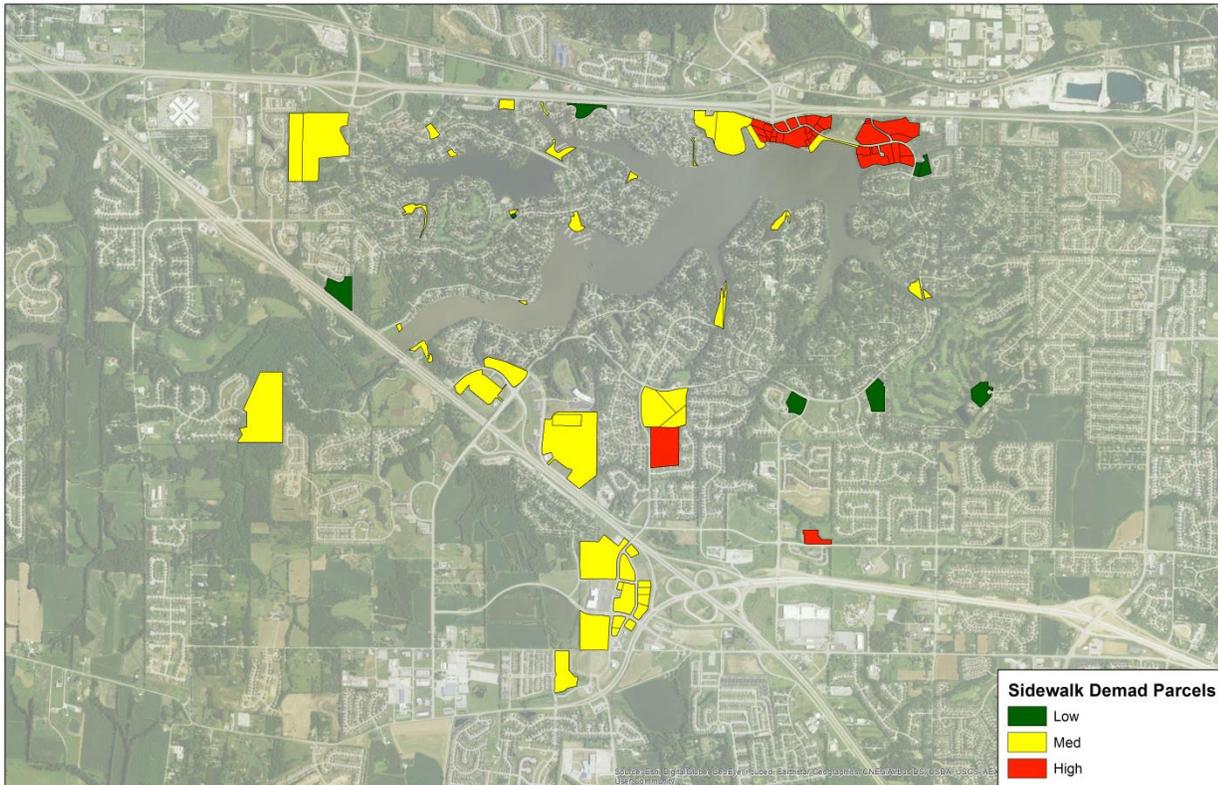


Figure 3 Sidewalk Demand Generation Properties

## PARKING

When considering a potential project, a site with on-street parking received a higher score than locations without on street parking. Parked cars make it more difficult to walk along the edge of a roadway, and a parked car is a pedestrian destination.

## RIGHT-OF-WAY

Projects with adequate existing right of way or easement for construction receive a higher score. Because temporary construction easements will be necessary for most projects this is an opportunity for residents who desire a sidewalk to increase the score of a project in their neighborhood by donating easements.

## SIDEWALK STATUS

Filling in gaps or removing barriers within the existing sidewalk network is prioritized over creating entirely new sidewalks. Finishing an incomplete sidewalk is typically a lower cost effort and can be completed in less time than constructing an entirely new sidewalk segment. Deficient sidewalks are prioritized under nonexistent sidewalks because even if they don't meet today's standards they at least provide some pedestrian mobility.

## STREET CLASSIFICATION

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Finally, the scoring model includes the traffic volume of the street. Traffic data may not be available for all streets. Instead functional classification is used as a surrogate for traffic volume. Higher volume roads are prioritized over local roads to address safety and comfort concerns associated with higher traffic.

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## COST ESTIMATE

The project cost estimates in this document include construction costs only. The estimate should be considered a tool for planning purposes. Due to time and staffing constraints detailed estimates and concept designs were not completed, and utility relocation costs have not been added. Estimates are based on the following assumptions with 30% contingencies:

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### Sidewalk, Grading, and Retaining Walls

Retaining Wall Height	Cost / Foot
none	\$ 60
<3'	\$ 85
3'-5'	\$ 110
>5'	\$ 150

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### Additional Costs

Item	Cost/Each
ramp cost	\$ 2,000
Short drive cost	\$ 1,200
long drive cost	\$ 3,500

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SCORING MATRIX

<b>Destination Scores</b>	<b>Point Value</b>	
High Pedestrian Volume	1000 Ft	1500 Ft
Uptown Business District	20	12
Schools	10	6
Medium Pedestrian Volume	1000 Ft	1500 Ft
Hospital	6	4
Parks	6	4
Trails	6	4
Docks and Marinas	6	4
Other Commercial Business Districts	6	4
Low Pedestrian Volume	1000 Ft	1500 Ft
City Buildings	4	2
Churches	4	2
Community Services	4	2
<b>Road or Sidewalk Feature Scores</b>	<b>Point Value</b>	
<b>On street Parking</b>		
Yes	2	
No	0	
<b>Right-of-way</b>		
Yes	20	
Temporary Construction Easement	10	
No	5	
<b>Sidewalk Status</b>		
Incomplete	15	
Missing	10	
Deficient	5	
Good	0	
<b>Existing Walkways</b>		
Opposite Side Incomplete	5	
Opposite Side Complete	0	
<b>Street Classification</b>		
Arterial	10	
Collector	6	
Local	2	

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## IMPLEMENTATION

### USE AND MAINTENANCE OF PROJECT LIST

The Project list included in this document should be considered a planning tool. The project cost estimate is a major component of the ranking score, and due to time and staffing limitations a detailed concept plan and estimate was not performed for each project. This is recognized as a limitation of the sidewalk plan.

A detailed budget and strategy for design, property acquisition and construction will be completed for top ranked projects. The results of this effort will be used to insert sidewalk projects in to the annual Project Capital Improvement Plan (CIP). Each project proposed in the CIP plan will be evaluated as any other project by the Board of Alderman before the project is actually budgeted.

### FUNDING

This plan uses project construction cost for evaluation purposes. Additional funding for design and property acquisition will be need for each project and included in the CIP.

The plan does not consider source of funding. The primary reason for this is uncertainty associated with grant programs for sidewalks. The federal government is the primary source of funding for sidewalk grants. The programs that include sidewalks as a qualifying project type have seen significant change in recent years, and there is no federal long range transportation bill currently in place.

Completing every project in this plan including design and property acquisition costs will likely exceed \$8,000,000, but it should be noted that many projects in this plan have previously been evaluated and deemed too costly. Projects such as those along Lake Saint Louis Boulevard south of the Uptown District and north of South Henke Road will require drainage improvements, and Rue Grand will require significant driveway modifications. It should be assumed many of these projects will be skipped or reevaluated in subsequent versions of this plan. These projects could be moved to a separate list of projects that are impractical to build as standalone sidewalk projects, but should be included in future reconstruction projects or as part of developments or other opportunities for sidewalk construction.

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## SIDEWALK PRIORITY LIST

Project Name	Stage	Length (Ft)	Estimated Cost	Score	Rank Score
LSL Blvd Phase 1 - Bus Dist.	Planning	1662	\$ 160,838.60	101	104.37
<a href="#">LSL Blvd Phase 2b</a>	Planning	2740	\$ 231,922.60	73	86.24
<a href="#">LSL Blvd Phase 2a</a>	Planning	2100	\$ 244,532.60	83	71.28
Hospital/Bus District	Planning	753	\$ 123,281.60	96	58.64
Savoy Phase 2	Planning	2505	\$ 263,770.00	60	56.98
<a href="#">LSL Blvd Phase 2c</a>	Planning	4335	\$ 366,732.60	47	55.56
Savoy Phase 1	Planning	2016	\$ 189,360.60	52	55.36
LSL Blvd Phase 3	Planning	3920	\$ 448,762.60	61	53.28
Rue Grand Phase 3	Planning	2251	\$ 239,150.60	56	52.71
Locksley Manor	Planning	1374	\$ 144,614.60	55	52.26
Dauphine Dr. Phase 1	Planning	1150	\$ 97,371.30	44	51.97
Rue Grand Phase 4	Planning	1351	\$ 146,590.60	56	51.61
Civic Center Dr. Phase 2	Planning	2321	\$ 269,473.10	58	49.96
Civic Center Dr. Phase 1	Planning	4052	\$ 458,148.60	54	47.76
Fox Trail Phase 2	Planning	2326	\$ 273,535.60	54	45.92
Fox Trail Phase 3	Planning	1638	\$ 194,001.60	54	45.59
Technology Dr. Phase 1	Planning	5171	\$ 590,118.10	52	45.57
Technology Dr. Phase 2	Planning	854	\$ 79,614.60	42	45.05
Savoy Phase 3	Planning	1581	\$ 185,103.10	48	41.00
Dauphine Dr. Phase 3	Planning	2440	\$ 350,612.60	58	40.36
Fox Trail Phase 1	Planning	531	\$	32	38.60

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			44,020.60		
			\$		
Rue Grand Phase 1	Planning	2900	304,332.60	40	38.12
			\$		
Dauphine Dr. Phase 2	Planning	2961	382,311.80	48	37.18
			\$		
LSL Blvd Phase 4	Planning	1771	179,740.60	37	36.46
			\$		
Oak Bluff - Freymuth	Planning	5393	779,521.60	50	34.59
			\$		
Rue Grand Phase 2	Planning	2676	285,820.60	36	33.71

Project Name	Stage	Length (Ft)	Estimated Cost	Score	Rank Score
LSL Blvd Phase 1 - Bus Dist.	Planning	1662	\$ 160,838.60	101	104.37
<a href="#">LSL Blvd Phase 2b</a>	Planning	2740	\$ 231,922.60	73	86.24
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Savoy Phase 1	Planning	2016	\$ 189,360.60	52	55.36
LSL Blvd Phase 3	Planning	3920	\$ 448,762.60	61	53.28
Rue Grand Phase 3	Planning	2251	\$ 239,150.60	56	52.71
Locksley Manor	Planning	1374	\$ 144,614.60	55	52.26
Dauphine Dr. Phase 1	Planning	1150	\$ 97,371.30	44	51.97
Rue Grand Phase 4	Planning	1351	\$ 146,590.60	56	51.61
Civic Center Dr. Phase 2	Planning	2321	\$ 269,473.10	58	49.96
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Savoy Phase 3	Planning	1581	\$ 185,103.10	48	41.00
Dauphine Dr. Phase 3	Planning	2440	\$ 350,612.60	58	40.36
Fox Trail Phase 1	Planning	531	\$ 44,020.60	32	38.60
Rue Grand Phase 1	Planning	2900	\$ 304,332.60	40	38.12
Dauphine Dr. Phase 2	Planning	2961	\$ 382,311.80	48	37.18
LSL Blvd Phase 4	Planning	1771	\$ 179,740.60	37	36.46
Oak Bluff - Freymuth	Planning	5393	\$ 779,521.60	50	34.59
Rue Grand Phase 2	Planning	2676	\$ 285,820.60	36	33.71



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**Sidewalk Project**

Project Description: Construct a 6 foot sidewalk from Freymuth Rd. to the 2nd courtesy dock. Project Name: Dauphine Dr. Phase 2

Length (feet):	2961		
Maximum Wall Height	<3'	# of ramps	20
Cost per foot:	\$ 85	# of short driveways	2
visible utility relocation costs	\$ 1	# of long driveways	0

Project Cost: \$382,311.80 Stage: Planning

Criteria	Points Available	Score
<b>Pedestrian Demand</b>		
Score from Demand Map		20
<b>On Street Parking</b>		
		<b>Yes</b>
Yes	2	2
No	0	
<b>Right-of-way Available</b>		
		<b>No</b>
Yes	20	5
Temporary Construction Easement	10	
No	5	
<b>Sidewalk Status</b>		
		<b>Missing</b>
Incomplete	15	10
Missing	10	
Deficient	5	
Good	0	
<b>Existing Walkways</b>		
		<b>Opposite Side Incomplete</b>
Opposite Side Incomplete	5	5
Opposite Side Complete	0	
<b>Street Classification</b>		
		<b>Collector</b>
Arterial	10	6
Collector	6	
Local	2	
<b>Total Score</b>		48
<b>RANK SCORE = SCORE X 100 / COST PER FOOT</b>		37.18

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**Sidewalk Project**

Project Description: Construct a 6 foot sidewalk from the 2nd courtesy dock to Rue Grand. Project Name: Dauphine Dr. Phase 3

Length (feet):	2440		
Maximum Wall Height	<3'	# of ramps	0
Cost per foot:	\$ 85	# of short driveways	14
visible utility relocation costs	\$ 2	# of long driveways	13

Project Cost: \$350,612.60 Stage: Planning

Criteria	Points Available	Score
<b>Pedestrian Demand</b>		
Score from Demand Map		30
<b>On Street Parking</b> Yes		
Yes	2	2
No	0	
<b>Right-of-way Available</b> No		
Yes	20	5
Temporary Construction Easement	10	
No	5	
<b>Sidewalk Status</b> Missing		
Incomplete	15	10
Missing	10	
Deficient	5	
Good	0	
<b>Existing Walkways</b> Opposite Side Incomplete		
Opposite Side Incomplete	5	5
Opposite Side Complete	0	
<b>Street Classification</b> Collector		
Arterial	10	6
Collector	6	
Local	2	
<b>Total Score</b>		58
<b>RANK SCORE = SCORE X 100 / COST PER FOOT</b>		40.36









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**Sidewalk Project**

<u>Project Description:</u> Construct a 6 foot sidewalk from Picardy to Marche	<u>Project Name:</u> Rue Grand Phase 2
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Length (feet):	2676		
Maximum Wall Height	none	# of ramps	12
Cost per foot:	\$ 60	# of short driveways	9
visible utility relocation costs	\$ 2	# of long driveways	7

Project Cost: \$285,820.60                      Stage: Planning

Criteria	Points Available	Score
----------	------------------	-------

<b>Pedestrian Demand</b>		
Score from Demand Map		10

<b>On Street Parking</b>		
	<b>No</b>	
Yes	2	0
No	0	

<b>Right-of-way Available</b>		
	<b>No</b>	
Yes	20	5
Temporary Construction Easement	10	
No	5	

<b>Sidewalk Status</b>		
	<b>Missing</b>	
Incomplete	15	10
Missing	10	
Deficient	5	
Good	0	

<b>Existing Walkways</b>		
	<b>Opposite Side Incomplete</b>	
Opposite Side Incomplete	5	5
Opposite Side Complete	0	

<b>Street Classification</b>		
	<b>Collector</b>	
Arterial	10	6
Collector	6	
Local	2	

<b>Total Score</b>	36
<b>RANK SCORE = SCORE X 100 / COST PER FOOT</b>	33.71

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**Sidewalk Project**

<u>Project Description:</u> Construct a 6 foot sidewalk from Marche Dr. to Dauphine Dr.	<u>Project Name:</u> Rue Grand Phase 3
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Length (feet):	2251		
Maximum Wall Height	none	# of ramps	8
Cost per foot:	\$ 60	# of short driveways	7
visible utility relocation costs	\$ 2	# of long driveways	7

Project Cost: \$239,150.60                      Stage: Planning

Criteria	Points Available	Score
----------	------------------	-------

<b>Pedestrian Demand</b>		
Score from Demand Map		30

<b>On Street Parking</b>		
	No	
Yes	2	0
No	0	

<b>Right-of-way Available</b>		
	No	
Yes	20	5
Temporary Construction Easement	10	
No	5	

<b>Sidewalk Status</b>		
	Missing	
Incomplete	15	10
Missing	10	
Deficient	5	
Good	0	

<b>Existing Walkways</b>		
	Opposite Side Incomplete	
Opposite Side Incomplete	5	5
Opposite Side Complete	0	

<b>Street Classification</b>		
	Collector	
Arterial	10	6
Collector	6	
Local	2	

<b>Total Score</b>	56
<b>RANK SCORE = SCORE X 100 / COST PER FOOT</b>	52.71



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**Sidewalk Project**

<u>Project Description:</u> Construct a 6 foot sidewalk from Rue Grand to Deloire.	<u>Project Name:</u> Savoy Phase 1
---	---------------------------------------

Length (feet):	2016		
Maximum Wall Height	none	# of ramps	7
Cost per foot:	\$ 60	# of short driveways	6
visible utility relocation costs	\$ 2	# of long driveways	1

Project Cost: \$189,360.60                      Stage: Planning

<b>Criteria</b>	<b>Points Available</b>	<b>Score</b>
-----------------	-------------------------	--------------

<b>Pedestrian Demand</b>		
Score from Demand Map		26

<b>On Street Parking</b>		
	<b>No</b>	
Yes	2	0
No	0	

<b>Right-of-way Available</b>		
	<b>No</b>	
Yes	20	5
Temporary Construction Easement	10	
No	5	

<b>Sidewalk Status</b>		
	<b>Missing</b>	
Incomplete	15	10
Missing	10	
Deficient	5	
Good	0	

<b>Existing Walkways</b>		
	<b>Opposite Side Incomplete</b>	
Opposite Side Incomplete	5	5
Opposite Side Complete	0	

<b>Street Classification</b>		
	<b>Collector</b>	
Arterial	10	6
Collector	6	
Local	2	

<b>Total Score</b>	52
<b>RANK SCORE = SCORE X 100 / COST PER FOOT</b>	55.36

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**Sidewalk Project**

<u>Project Description:</u> Construct a 6 foot sidewalk from Deloire to Ellerman.	<u>Project Name:</u> Savoy Phase 2
--	---------------------------------------

Length (feet):	2505		
Maximum Wall Height	none	# of ramps	8
Cost per foot:	\$ 60	# of short driveways	13
visible utility relocation costs	\$ -	# of long driveways	6

Project Cost: \$263,770.00                      Stage: Planning

Criteria	Points Available	Score
----------	------------------	-------

<b>Pedestrian Demand</b>		
Score from Demand Map		32

<b>On Street Parking</b>		
	<b>Yes</b>	
Yes	2	2
No	0	

<b>Right-of-way Available</b>		
	<b>No</b>	
Yes	20	5
Temporary Construction Easement	10	
No	5	

<b>Sidewalk Status</b>		
	<b>Missing</b>	
Incomplete	15	10
Missing	10	
Deficient	5	
Good	0	

<b>Existing Walkways</b>		
	<b>Opposite Side Incomplete</b>	
Opposite Side Incomplete	5	5
Opposite Side Complete	0	

<b>Street Classification</b>		
	<b>Collector</b>	
Arterial	10	6
Collector	6	
Local	2	

<b>Total Score</b>	60
<b>RANK SCORE = SCORE X 100 / COST PER FOOT</b>	56.98

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**Sidewalk Project**

<u>Project Description:</u>	<u>Project Name:</u>
Construct a 6 foot sidewalk from Ellerman to Gascony	Savoy Phase 3

Length (feet):	1581		
Maximum Wall Height	<3'	# of ramps	4
Cost per foot:	\$ 85	# of short driveways	0
visible utility relocation costs	\$ 2	# of long driveways	0

Project Cost: \$185,103.10                      Stage: Planning

Criteria	Points Available	Score
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<b>Pedestrian Demand</b>		
Score from Demand Map		20

<b>On Street Parking</b>		<b>Yes</b>
Yes	2	2
No	0	

<b>Right-of-way Available</b>		<b>No</b>
Yes	20	5
Temporary Construction Easement	10	
No	5	

<b>Sidewalk Status</b>		<b>Missing</b>
Incomplete	15	10
Missing	10	
Deficient	5	
Good	0	

<b>Existing Walkways</b>		<b>Opposite Side Incomplete</b>
Opposite Side Incomplete	5	5
Opposite Side Complete	0	

<b>Street Classification</b>		<b>Collector</b>
Arterial	10	6
Collector	6	
Local	2	

<b>Total Score</b>	48
<b>RANK SCORE = SCORE X 100 / COST PER FOOT</b>	41.00





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**Sidewalk Project**

Project Description: Construct a 6 foot sidewalk from the Spillway Bridge to Veterans Memorial      Project Name: LSL Blvd Phase 1

Length (feet):	1662		
Maximum Wall Height	none	# of ramps	12
Cost per foot:	\$ 60	# of short driveways	0
visible utility relocation costs	\$ 2	# of long driveways	0

Project Cost: \$160,838.60      Stage: Planning

<b>Criteria</b>	<b>Points Available</b>	<b>Score</b>
-----------------	-------------------------	--------------

**Pedestrian Demand**

---

Score from Demand Map 66

**On Street Parking** **No**

---

Yes	2	0
No	0	

**Right-of-way Available** **No**

---

Yes	20	5
Temporary Construction Easement	10	
No	5	

**Sidewalk Status** **Incomplete**

---

Incomplete	15	15
Missing	10	
Deficient	5	
Good	0	

**Existing Walkways** **Opposite Side Incomplete**

---

Opposite Side Incomplete	5	5
Opposite Side Complete	0	

**Street Classification** **Arterial**

---

Arterial	10	10
Collector	6	
Local	2	

**Total Score** 101  
**RANK SCORE = SCORE X 100 / COST PER FOOT** 104.37

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**Sidewalk Project**

<u>Project Description:</u>	<u>Project Name:</u>
To construct a 6 foot sidewalk from the Dam to Lake Forest Circle / Rue De Paix Dr	LSL Blvd. Phase 2a

Length (feet):	2100		
Maximum Wall Height	<3'	# of ramps	3
Cost per foot:	\$ 85	# of short driveways	3
visible utility relocation costs	\$ 2	# of long driveways	0

Project Cost: \$244,532.60                      Stage: Planning

Criteria	Points Available	Score
<b>Pedestrian Demand</b>		
Score from Demand Map		48
<b>On Street Parking</b> No		
Yes	2	0
No	0	
<b>Right-of-way Available</b> No		
Yes	20	5
Temporary Construction Easement	10	
No	5	
<b>Sidewalk Status</b> Incomplete		
Incomplete	15	15
Missing	10	
Deficient	5	
Good	0	
<b>Existing Walkways</b> Opposite Side Incomplete		
Opposite Side Incomplete	5	5
Opposite Side Complete	0	
<b>Street Classification</b> Arterial		
Arterial	10	10
Collector	6	
Local	2	

**Total Score**    83  
**RANK SCORE = SCORE X 100 / COST PER FOOT**    71.28

October 28, 2015

**Sidewalk Project**

<u>Project Description:</u>	<u>Project Name:</u>
To construct a 6 foot sidewalk from Lake Forest Circle / Rue De Paix Dr to Charlemagne Dr	LSL Blvd. Phase 2b

Length (feet):	2740		
Maximum Wall Height	none	# of ramps	7
Cost per foot:	\$ 60	# of short driveways	0
visible utility relocation costs	\$ 2	# of long driveways	0

Project Cost: \$231,922.60                      Stage: Planning

Criteria	Points Available	Score
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<b>Pedestrian Demand</b>		
Score from Demand Map		38

<b>On Street Parking</b>		<b>No</b>
Yes	2	0
No	0	

<b>Right-of-way Available</b>		<b>No</b>
Yes	20	5
Temporary Construction Easement	10	
No	5	

<b>Sidewalk Status</b>		<b>Incomplete</b>
Incomplete	15	15
Missing	10	
Deficient	5	
Good	0	

<b>Existing Walkways</b>		<b>Opposite Side Incomplete</b>
Opposite Side Incomplete	5	5
Opposite Side Complete	0	

<b>Street Classification</b>		<b>Arterial</b>
Arterial	10	10
Collector	6	
Local	2	

<b>Total Score</b>	73
<b>RANK SCORE = SCORE X 100 / COST PER FOOT</b>	86.24

October 28, 2015

**Sidewalk Project**

<u>Project Description:</u> To construct a 6 foot sidewalk from Cobblestone Ter to the Dam	<u>Project Name:</u> LSL Blvd. Phase 2c
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Length (feet):	4335		
Maximum Wall Height	none	# of ramps	11
Cost per foot:	\$ 60	# of short driveways	0
visible utility relocation costs	\$ 2	# of long driveways	0

Project Cost: \$366,732.60                      Stage: Planning

Criteria	Points Available	Score
<b>Pedestrian Demand</b>		
Score from Demand Map		12
<b>On Street Parking</b> <b>No</b>		
Yes	2	0
No	0	
<b>Right-of-way Available</b> <b>No</b>		
Yes	20	5
Temporary Construction Easement	10	
No	5	
<b>Sidewalk Status</b> <b>Incomplete</b>		
Incomplete	15	15
Missing	10	
Deficient	5	
Good	0	
<b>Existing Walkways</b> <b>Opposite Side Incomplete</b>		
Opposite Side Incomplete	5	5
Opposite Side Complete	0	
<b>Street Classification</b> <b>Arterial</b>		
Arterial	10	10
Collector	6	
Local	2	
<b>Total Score</b>		47
<b>RANK SCORE = SCORE X 100 / COST PER FOOT</b>		55.56

October 28, 2015

**Sidewalk Project**

<u>Project Description:</u>	<u>Project Name:</u>
To construct a 6 foot sidewalk from Civic Center Dr. to Hawk Ridge Cir	LSL Blvd. Phase 3

Length (feet):	3920		
Maximum Wall Height	<3'	# of ramps	6
Cost per foot:	\$ 85	# of short driveways	0
visible utility relocation costs	\$ 2	# of long driveways	0

Project Cost: \$448,762.60                      Stage: Planning

Criteria	Points Available	Score
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<b>Pedestrian Demand</b>		
Score from Demand Map		24

<b>On Street Parking</b>		<b>Yes</b>
Yes	2	2
No	0	

<b>Right-of-way Available</b>		<b>No</b>
Yes	20	5
Temporary Construction Easement	10	
No	5	

<b>Sidewalk Status</b>		<b>Incomplete</b>
Incomplete	15	15
Missing	10	
Deficient	5	
Good	0	

<b>Existing Walkways</b>		<b>Opposite Side Incomplete</b>
Opposite Side Incomplete	5	5
Opposite Side Complete	0	

<b>Street Classification</b>		<b>Arterial</b>
Arterial	10	10
Collector	6	
Local	2	

<b>Total Score</b>	61
<b>RANK SCORE = SCORE X 100 / COST PER FOOT</b>	53.28

October 28, 2015

**Sidewalk Project**

<u>Project Description:</u>	<u>Project Name:</u>
To construct a 6 foot sidewalk from Orf Rd. to Highway N	LSL Blvd Phase 4

Length (feet):	1771		
Maximum Wall Height	none	# of ramps	16
Cost per foot:	\$ 60	# of short driveways	0
visible utility relocation costs	\$ 2	# of long driveways	0

Project Cost: \$179,740.60                      Stage: Planning

Criteria	Points Available	Score
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<b>Pedestrian Demand</b>		
Score from Demand Map		0

<b>On Street Parking</b>		<b>Yes</b>
Yes	2	2
No	0	

<b>Right-of-way Available</b>		<b>No</b>
Yes	20	5
Temporary Construction Easement	10	
No	5	

<b>Sidewalk Status</b>		<b>Incomplete</b>
Incomplete	15	15
Missing	10	
Deficient	5	
Good	0	

<b>Existing Walkways</b>		<b>Opposite Side Incomplete</b>
Opposite Side Incomplete	5	5
Opposite Side Complete	0	

<b>Street Classification</b>		<b>Arterial</b>
Arterial	10	10
Collector	6	
Local	2	

<b>Total Score</b>	37
<b>RANK SCORE = SCORE X 100 / COST PER FOOT</b>	36.46

October 28, 2015

**Sidewalk Project**

<u>Project Description</u>	<u>Project Name:</u>
To construct a 6 foot sidewalk from Prospect Rd. to Dauphine Dr.	Civic Center Dr. Phase 1

Length (feet):	4052		
Maximum Wall Height	<3'	# of ramps	4
Cost per foot:	\$ 85	# of short driveways	0
visible utility relocation costs	\$ 2	# of long driveways	0

Project Cost: \$458,148.60                      Stage: Planning

Criteria	Points Available	Score
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<b>Pedestrian Demand</b>		
Score from Demand Map		26

<b>On Street Parking</b>		<b>Yes</b>
Yes	2	2
No	0	

<b>Right-of-way Available</b>		<b>No</b>
Yes	20	5
Temporary Construction Easement	10	
No	5	

<b>Sidewalk Status</b>		<b>Missing</b>
Incomplete	15	10
Missing	10	
Deficient	5	
Good	0	

<b>Existing Walkways</b>		<b>Opposite Side Incomplete</b>
Opposite Side Incomplete	5	5
Opposite Side Complete	0	

<b>Street Classification</b>		<b>Collector</b>
Arterial	10	6
Collector	6	
Local	2	

<b>Total Score</b>	54
<b>RANK SCORE = SCORE X 100 / COST PER FOOT</b>	47.76

October 28, 2015

**Sidewalk Project**

<u>Project Description:</u>	<u>Project Name:</u>
To construct a 6 foot sidewalk from Dauphine Dr. to Lift Station	Civic Center Dr. Phase 2

Length (feet):	2321		
Maximum Wall Height	<3'	# of ramps	5
Cost per foot:	\$ 85	# of short driveways	0
visible utility relocation costs	\$ 2	# of long driveways	0

Project Cost: \$269,473.10                      Stage: Planning

Criteria	Points Available	Score
<b>Pedestrian Demand</b>		
Score from Demand Map		30
<b>On Street Parking</b> <b>Yes</b>		
Yes	2	2
No	0	
<b>Right-of-way Available</b> <b>No</b>		
Yes	20	5
Temporary Construction Easement	10	
No	5	
<b>Sidewalk Status</b> <b>Missing</b>		
Incomplete	15	10
Missing	10	
Deficient	5	
Good	0	
<b>Existing Walkways</b> <b>Opposite Side Incomplete</b>		
Opposite Side Incomplete	5	5
Opposite Side Complete	0	
<b>Street Classification</b> <b>Collector</b>		
Arterial	10	6
Collector	6	
Local	2	
<b>Total Score</b>		58
<b>RANK SCORE = SCORE X 100 / COST PER FOOT</b>		49.96

October 28, 2015

**Sidewalk Project**

Project Description: To construct a 6 foot sidewalk from The Meadows to Henke Rd. Project Name: Technology Dr. Phase 1

Length (feet):	5171		
Maximum Wall Height	<3'	# of ramps	6
Cost per foot:	\$ 85	# of short driveways	2
visible utility relocation costs	\$ 2	# of long driveways	0

Project Cost: \$590,118.10 Stage: Planning

Criteria	Points Available	Score
<b>Pedestrian Demand</b>		
Score from Demand Map		26
<b>On Street Parking</b>		
		No
Yes	2	0
No	0	
<b>Right-of-way Available</b>		
		No
Yes	20	5
Temporary Construction Easement	10	
No	5	
<b>Sidewalk Status</b>		
		Missing
Incomplete	15	10
Missing	10	
Deficient	5	
Good	0	
<b>Existing Walkways</b>		
		Opposite Side Incomplete
Opposite Side Incomplete	5	5
Opposite Side Complete	0	
<b>Street Classification</b>		
		Collector
Arterial	10	6
Collector	6	
Local	2	

**Total Score** 52

**RANK SCORE = SCORE X 100 / COST PER FOOT** 45.57

There is one utility that would need to be relocated along the route. Trees would need to be trimmed back to make way for a sidewalk.



