

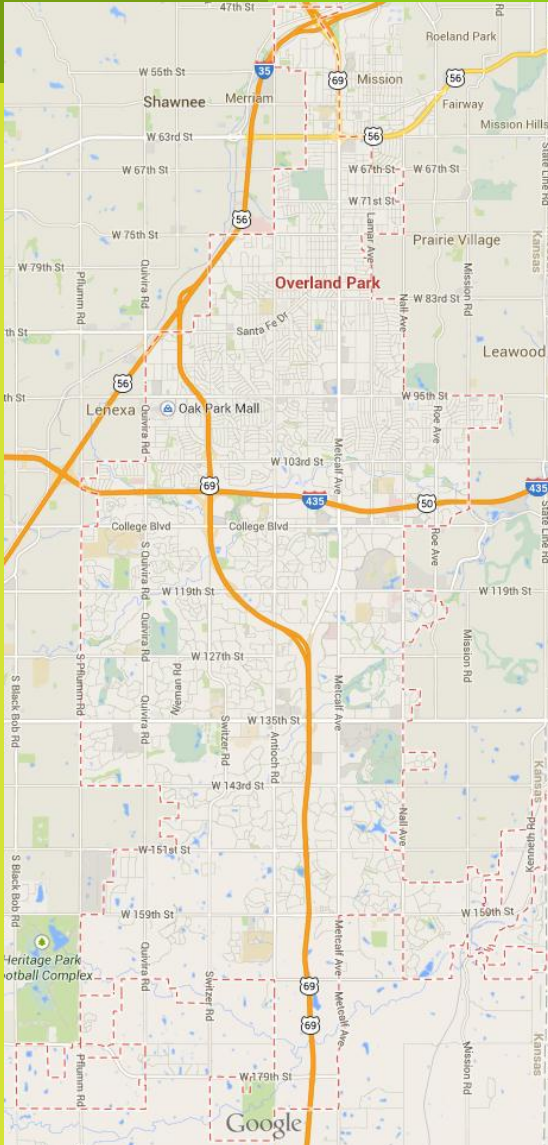
RIGHT-OF-WAY MODULE SIDEWALKS AND RAMPS

City of Overland Park, Kansas

OVERLAND PARK, KANSAS

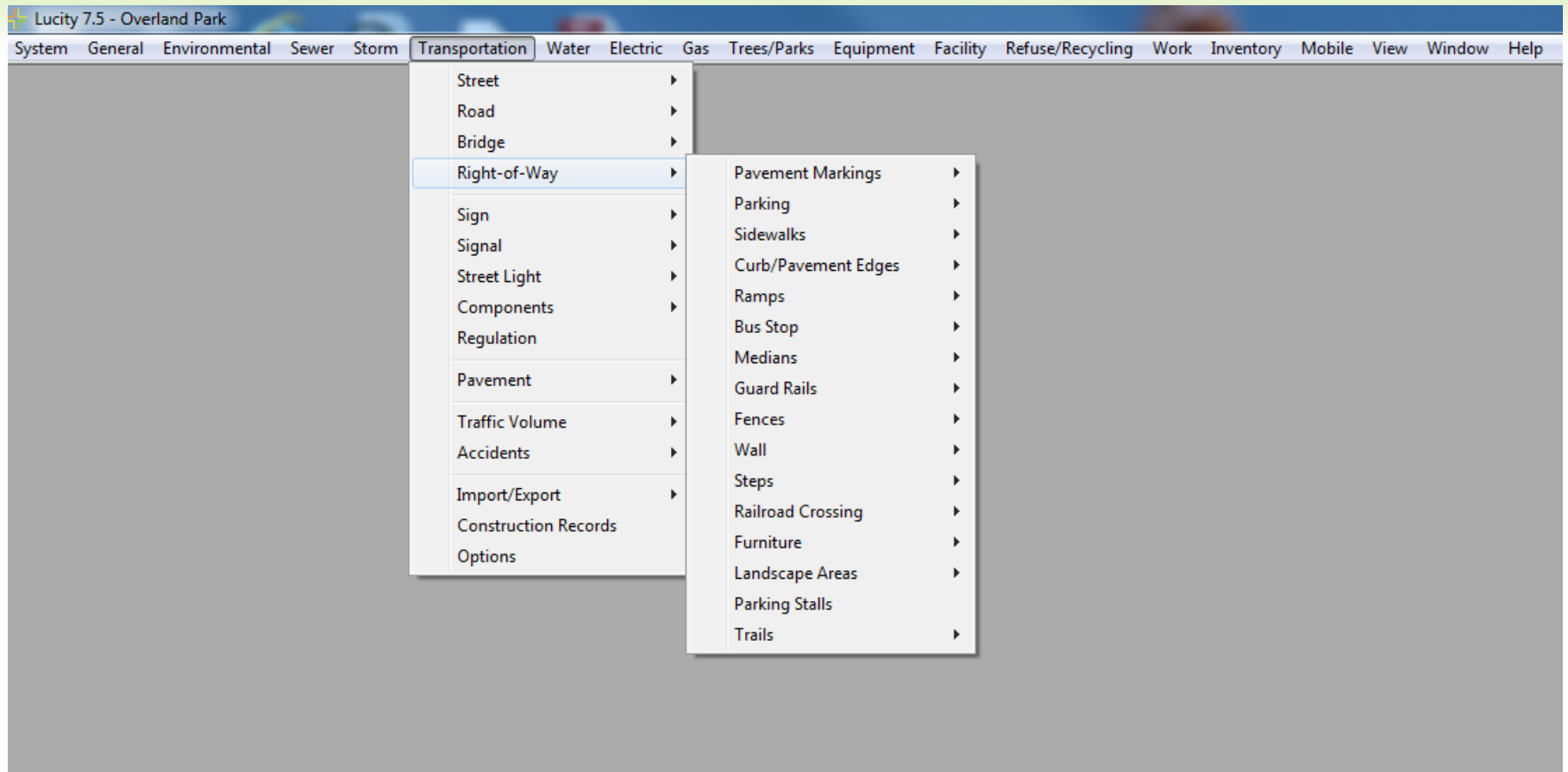


OVERVIEW OF OVERLAND PARK



- 📍 Statistics
- 📍 75.33 square miles
- 📍 Population 184,706
- 📍 1921 lane miles
- 📍 878 miles of sidewalk
- 📍 3,337 ramps (incomplete inventory)

RIGHT OF WAY MODULE





SIDEWALK INVENTORY / INSPECTION

- ⊙ ADA Compliance
- ⊙ Pedestrian Safety/Mobility
- ⊙ Injury Claims/Lawsuits
- ⊙ Citizen vs. City Responsibility for Repairs
- ⊙ Limited Funds

SIDEWALK INVENTORY/INSPECTION

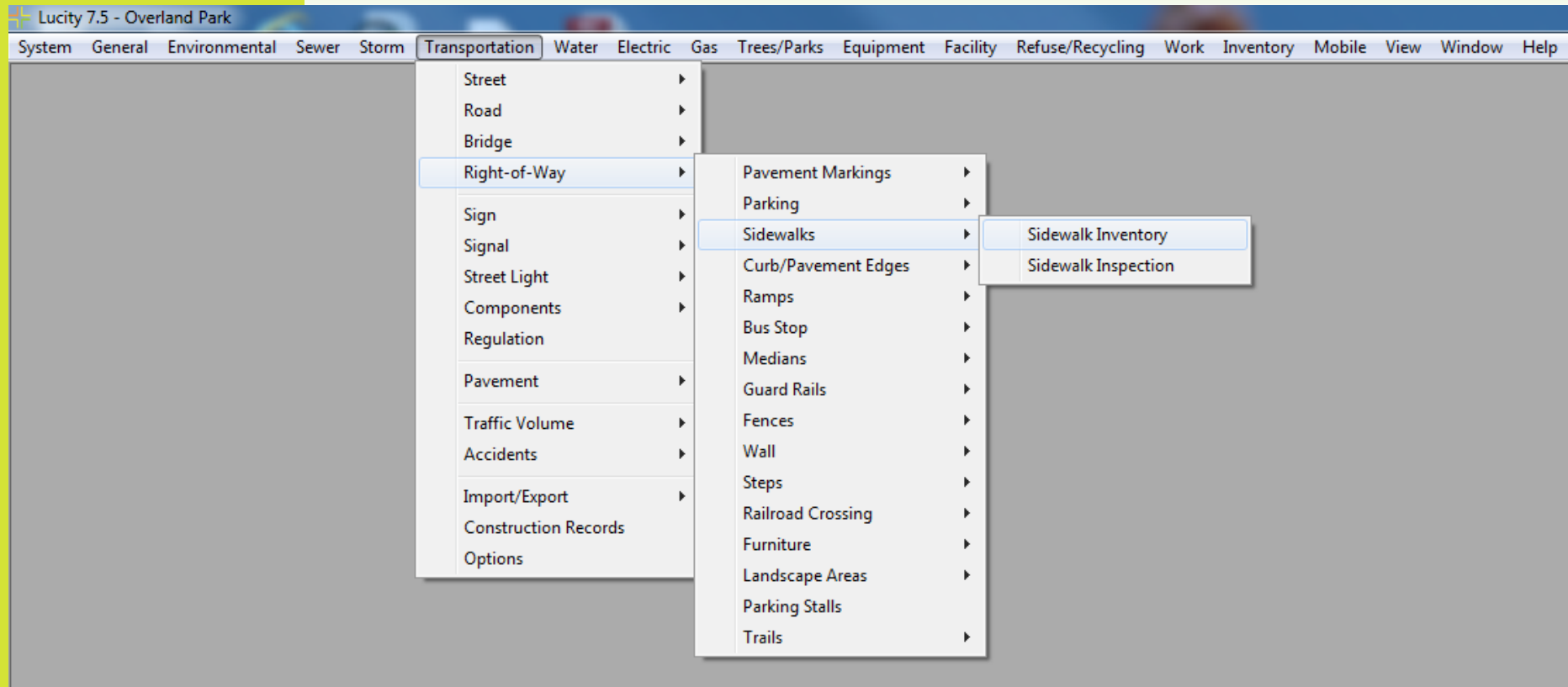


Table Of Contents

- Layers
 - sde.DEFAULT (pwwatprod)
 - PWGIS.DL.FC_RM
 - PWGIS.DL.FC_SW
 - sde.DEFAULT (opsdepub)
 - Banner
 - Main Streets
 - Local Streets
 - OP Streets
 - Parcels
 - City Limits
 - C:\Users\cacarner\Desktop\
 - 011-Plan & Profile-73rd Street
 - Value
 - High : 1
 - Low : 0
 - sde.DEFAULT (jocopub)
 - JOCO 2012 Color Orthophoto



Create Features

<Search>

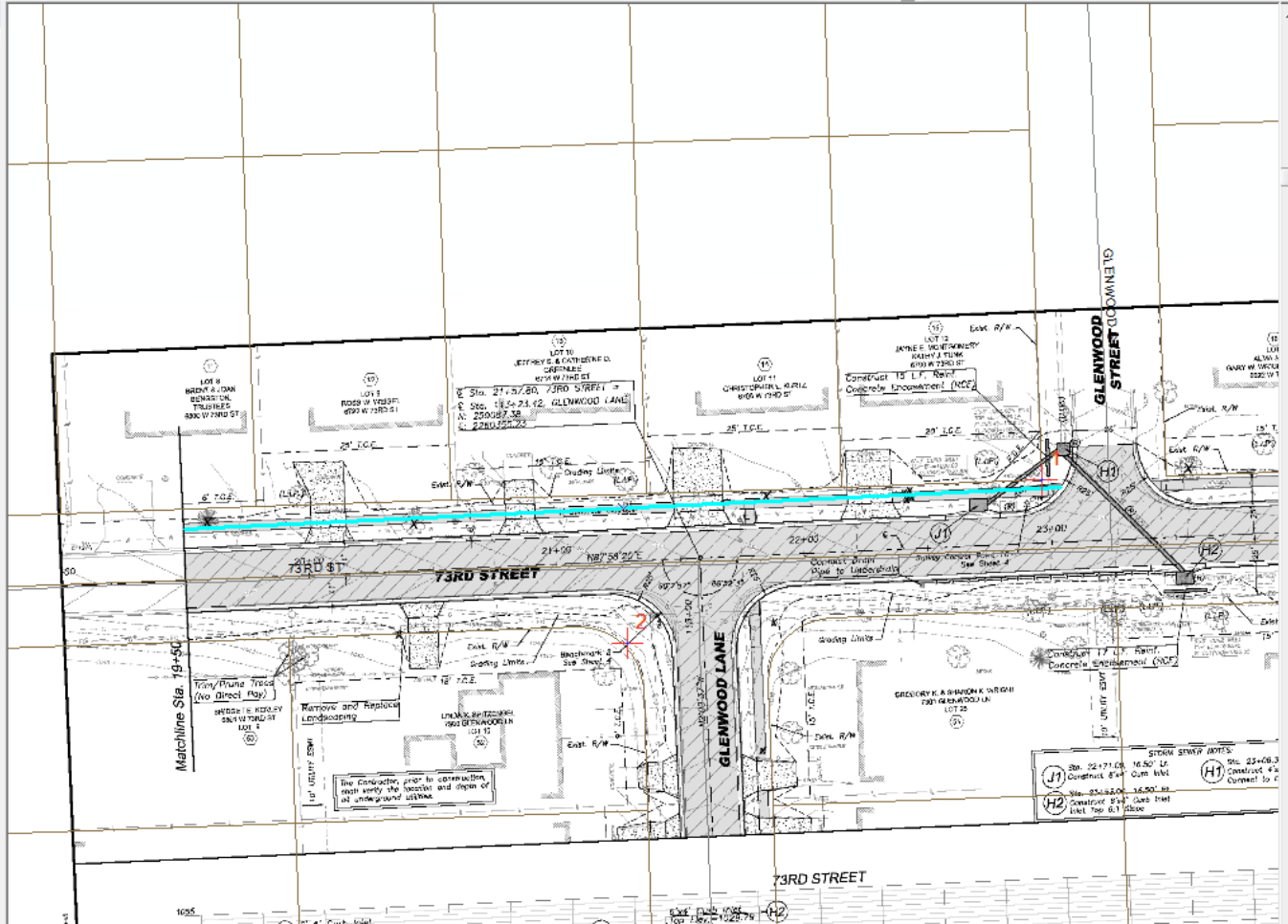
Click here to see templates not listed.

- PWGIS.DL.FC_SW
- PWGIS.DL.FC_SW

Table Of Contents

Layers

- sde.DEFAULT (pwdataproduct)
 - PWGIS.DL.FC_RM
 - PWGIS.DL.FC_SW
- sde.DEFAULT (opsdep)
 - Banner
 - Main Streets
 - Local Streets
 - OP Streets
 - Parcels
 - City Limits
- C:\Users\cacamer\Desktop\
 - 011-Plan & Profile-73rd Street
 - Value High: 1
 - Low: 0
- sde.DEFAULT (jocoproduct)
 - JOCO 2012 Color Orthophoto



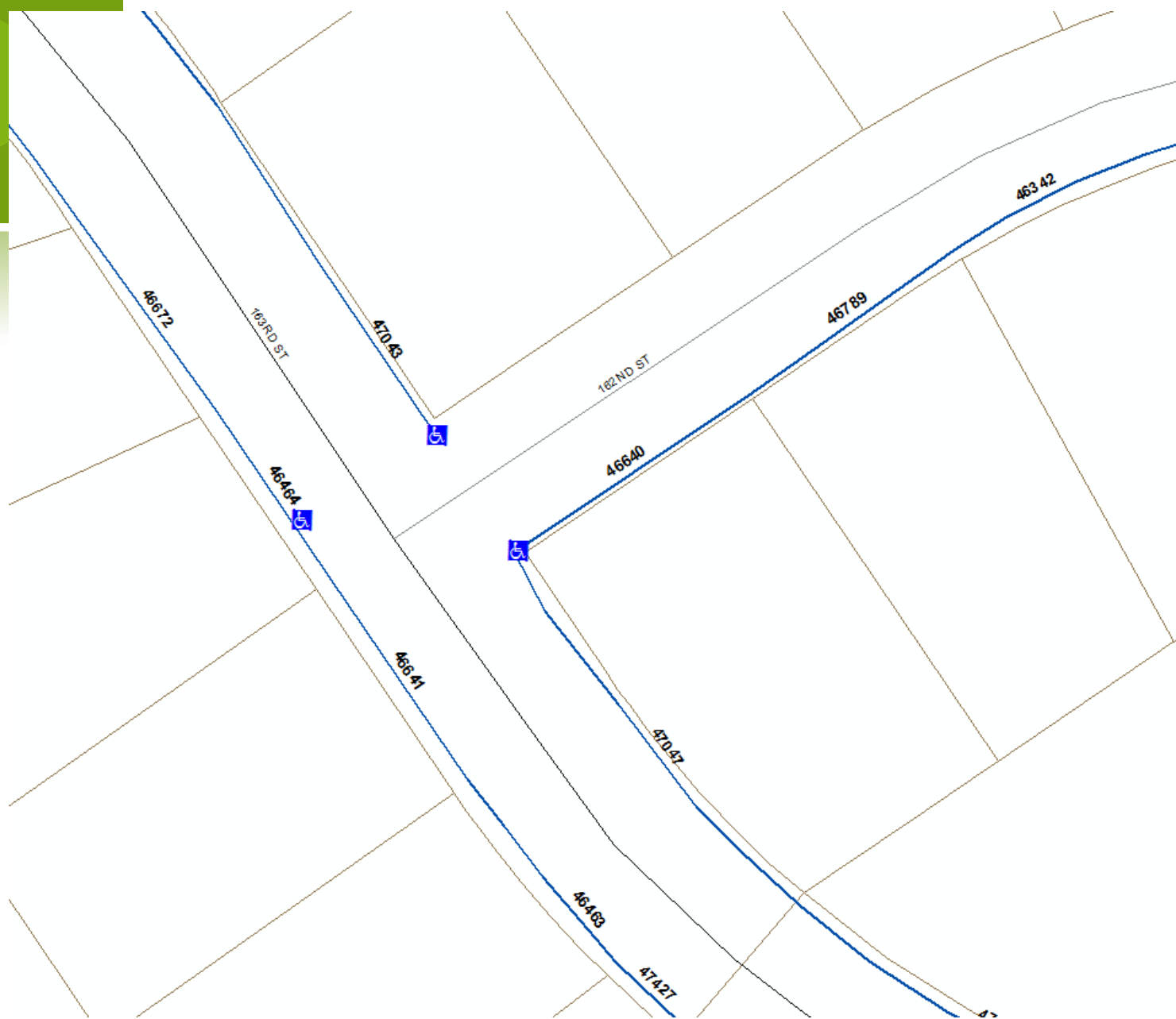
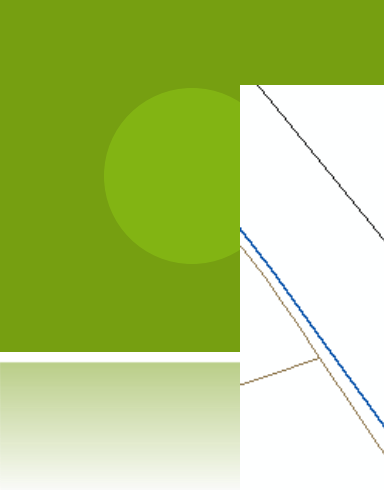
Create Features

<Search>

[Click here to see temp](#)

PWGIS.DL.FC_SW

PWGIS.DL.FC_SW



INVENTORY RECORD - DESKTOP

Sidewalk Inventory - No Filter

SW Rec # 1297 Sidewalk ID 1297 Type 2 4" Concrete

Status

Attributes | Recent Inspection Info | Location | Construction | Trees | WD/PM/Req | Custom | Co

Length 10.4 Street Location

Width 4.00 Owner

Curb Distance Maintained By

Sidewalk Inventory - No Filter

SW Rec # 1297 Sidewalk ID 1297 Type 2 4" Concrete

Status

Attributes | Recent Inspection Info | Location | Construction | Trees | WD/PM/Req | Custom | Comments

Address 7022 MARTY ST

Sidewalk Inventory - No Filter

SW Rec # 1297 Sidewalk ID 1297

Status

Attributes | Recent Inspection Info | Location | Construction | Trees | WD/PM/Req | Cust

Last Inspection 08/01/2012 Next Inspection

Overall Cond From Ramp Cond

Trip Hazard To Ramp Cond

of Hazards

Total Replace Ftg DW Repl Est

Inspection Date	Overall Cond Text	Total Replace Ftg
08/01/2012		4.0 Mai

Record 1 of 1

Sidewalk Inventory - No Filter

SW Rec # 1297 Sidewalk ID 1297 Type 2 4" Concrete

Status

Attributes | Recent Inspection Info | Location | Construction | Trees | WD/PM/Req | Custom | Comments

Default WD Cat No WD/PM/Req

Work Orders

WO #	Main Task	Problem	Status	Status Date	End Date
12-006023		Fault > 1/2" and < 1"	New Work Order	08/03/2012	

PMs

Code /	Routine Text	Status	WO #	Next By Start	Next by

Requests

Status Date	Status	Request #	Problem	Cause	Name 1

Record 1 of 1 View Mode Ready...

INVENTORY RECORD - WEB

Browser: http://pwwdataproduct/lucityweb/default.aspx?&Token=a48d7991-1. Lucity for clint001, - User C...

File Edit View Favorites Tools Help

Home Menu Favorites Open Views Modules

By Map #/Street Name X

By Map #/Street Name

Street Sidewalks 10

SW Rec #	Sidewalk ID	Type Text	Length	Width	Address	Street Name	Street Type	Map Number
1297	1297	4" Concrete	10.4	4.00	7022	MARTY	ST	03-4

Street Sidewalk Inspections (1) Work Orders (1) Requests (0)

Street Sidewalk Inspections 10

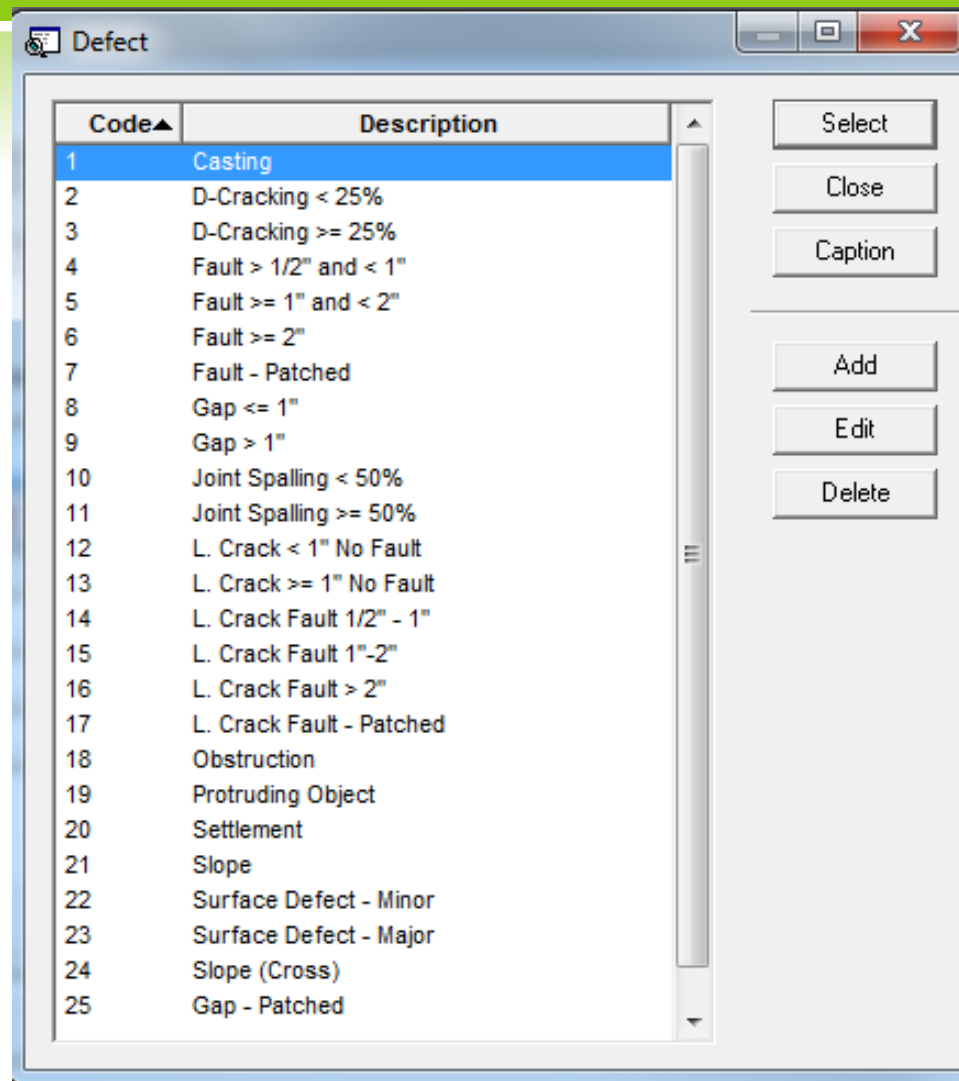
SW Rec #	Type Text	Inspection Date	Crew	Overall Cond Text	Trip Hazard Text	# of Hazards	Total Replace Ftg	DW Repl Est
1297	4" Concrete	8/1/2012	Maintenance			1	4.0	

INITIAL INSPECTION



- ◎ May 2004
- ◎ Six Seasonal Workers
- ◎ Systematic Inspection:
 - ◎ Mile Sections
 - ◎ Quarter Mile Quadrants

INSPECTION DEFECTS



The screenshot shows a software window titled "Defect" with a list of 25 inspection defect codes and descriptions. The window includes standard OS controls (minimize, maximize, close) and a set of action buttons (Select, Close, Caption, Add, Edit, Delete) on the right side.

Code▲	Description
1	Casting
2	D-Cracking < 25%
3	D-Cracking >= 25%
4	Fault > 1/2" and < 1"
5	Fault >= 1" and < 2"
6	Fault >= 2"
7	Fault - Patched
8	Gap <= 1"
9	Gap > 1"
10	Joint Spalling < 50%
11	Joint Spalling >= 50%
12	L. Crack < 1" No Fault
13	L. Crack >= 1" No Fault
14	L. Crack Fault 1/2" - 1"
15	L. Crack Fault 1"-2"
16	L. Crack Fault > 2"
17	L. Crack Fault - Patched
18	Obstruction
19	Protruding Object
20	Settlement
21	Slope
22	Surface Defect - Minor
23	Surface Defect - Major
24	Slope (Cross)
25	Gap - Patched

CASTINGS

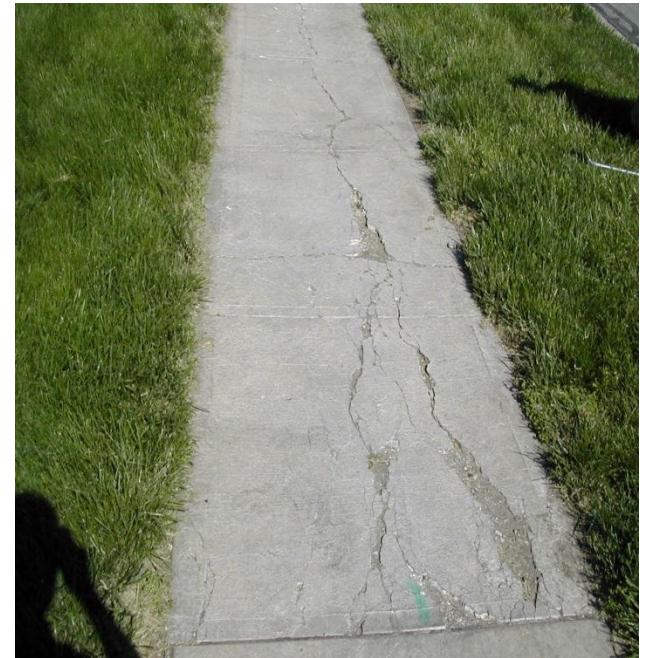


DURABILITY CRACKING

Medium Severity



High Severity



FAULTING (KICKERS)

Faulting ½-1”



Faulting 1-2”



Faulting > 2”



Patched Fault



GAPS

Low Severity Gap



High Severity Gap



JOINT SPALLING



LINEAR CRACKING

Non-Faulted



Low Severity



OBSTRUCTIONS



PROTRUDING OBJECTS

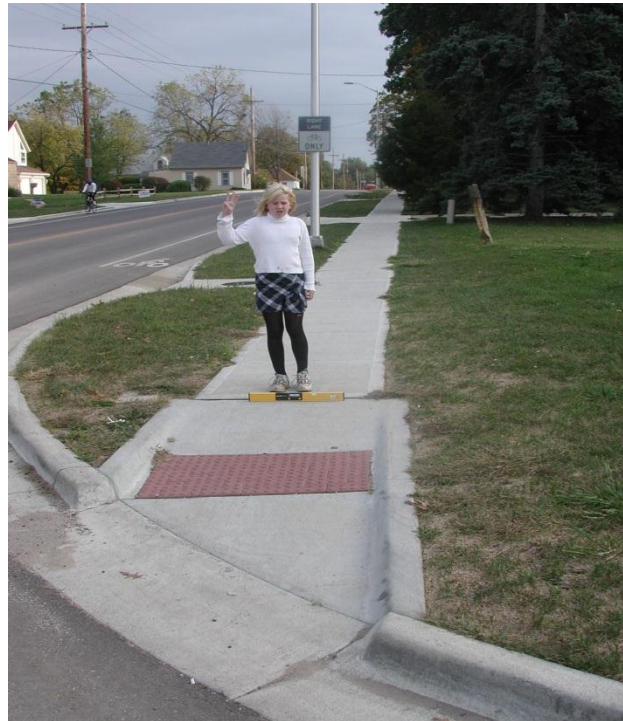


SETTLEMENTS



SLOPE

Cross Slope



Longitudinal Slope



SURFACE DEFECTS

Low Severity



High Severity



INSPECTION RECORD - DESKTOP

Sidewalk Inspections - No Filter

SW Rec # 1297 Sidewalk ID 1297 Type 2 4" Concrete

Most Recent Inspection

Condition | Location | Problems | Custom | Comments

Inspection Date 08/01/2012

Crew Maintenance

Overall Cond

Trip Hazard

of Hazards 1

Total Replace Ftg 4.0

DW Repl Est

From Ramp Cond

To Ramp Cond

Next Inspection / /

Length 10.4

Sidewalk Inspections - No Filter

SW Rec # 1297 Sidewalk ID 1297 Type 2 4" Concrete

Most Recent Inspection

Condition | Location | Problems | Custom | Comments

Problems

Distance /	Defect Text	Rating	X Coordinate	Y Coordinate
	Fault > 1/2" and < 1"		2258443.116307...	260759.06288385

Settlements

Repair Requirements

Recommend # /	Material Text	Units	UOM	UOM Text

Record 1 of 1 View Mode Ready...

INSPECTION RECORD - WEB

The screenshot shows a web browser window with the following elements:

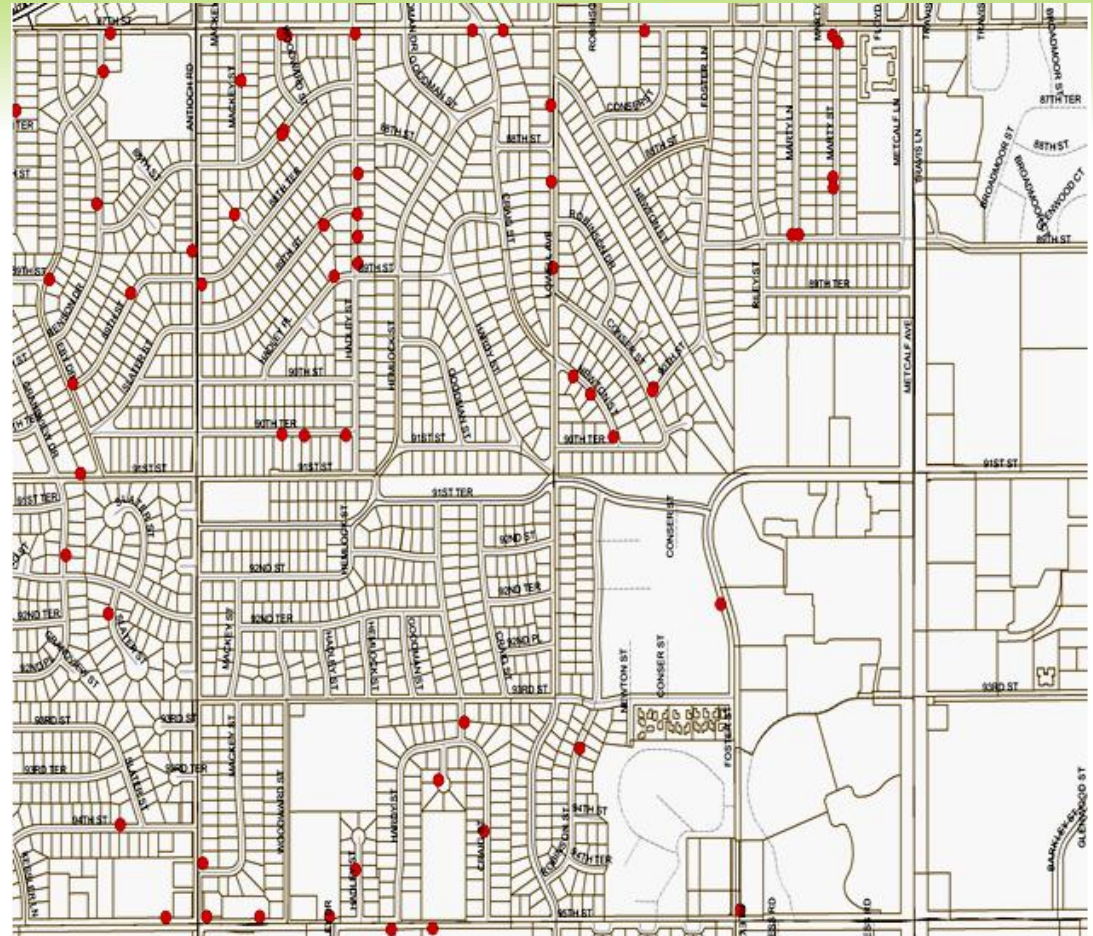
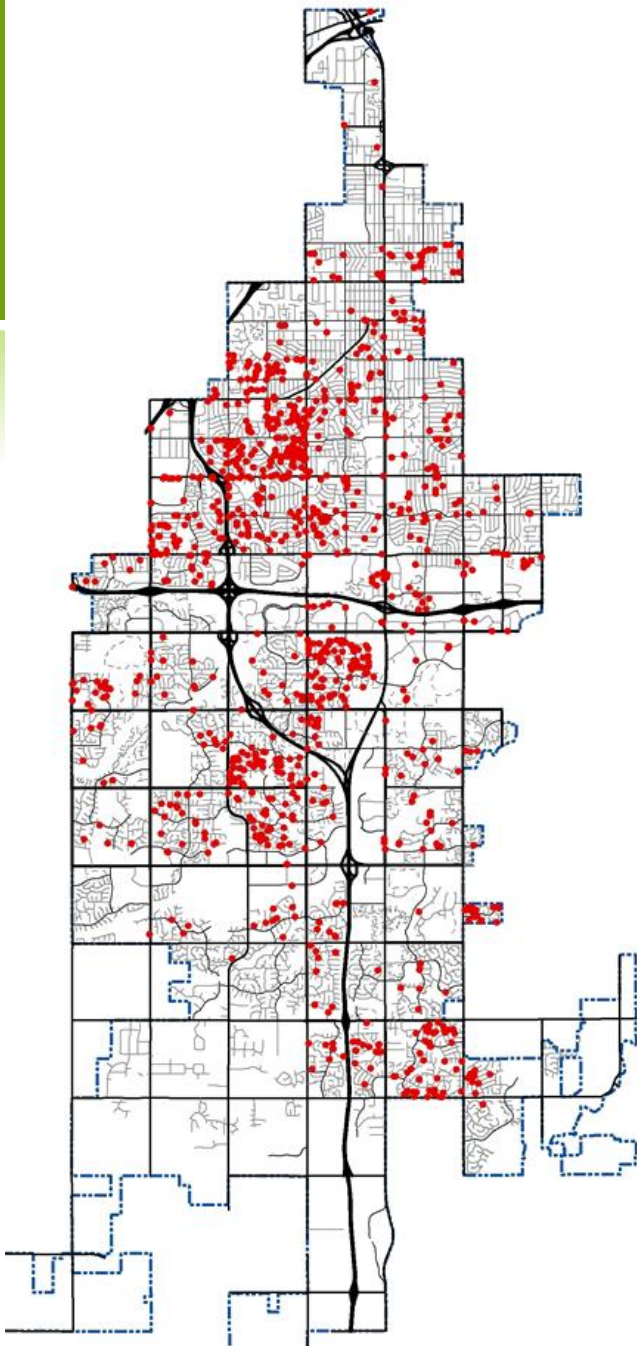
- Browser Address Bar:** <http://pwwdataproduct/lucidityweb/default.aspx?&Token=729f9171-2eba-485b-8b9!> and a tab titled "Lucity for clint001, - User C..."
- Navigation Menu:** Home, Menu, Favorites, Open Views, Modules.
- Search Filter:** "By Crew/Street Name" with a search box containing "x".
- Main Section:** "By Crew/Street Name" with a sub-section "Street Sidewalk Inspections" and a dropdown menu set to "10".
- Table 1: Street Sidewalk Inspections**

SW Rec #	Type Text	Inspection Date	Crew	Overall Cond Text	Trip Hazard Text	# of Hazards	Total Replace Ftg	DW Repl Est	Length	Width	Address	Street Name
1297	4" Concrete	8/1/2012	Maintenance			1	4.0		10.4	4.00	7022	MARTY
- Sub-section:** "Street Sidewalk Inspection Problems (1)" with a sub-section "Sidewalk Inspection Probl" and a dropdown menu set to "10".
- Table 2: Sidewalk Inspection Problems**

Distance	Problem	Problem Text	Rating	Note	X Coordinate	Y Coordinate
4	Fault > 1/2" and < 1"				2258443.11630741	260759.06288385

RESULTING SIDEWALK REPAIRS

MAPPING PROBLEMS



TEMPORARY PATCHING





Work Order #	14-006920	Category	1200	Sidewalks
Status	999 Complete	Problem		
Status Date	07/03/2014 10:04 AM	Main Task	1200	Temporary Repair

WD | Location | Assets | List/Events | Tasks/Res | Routing | Costs | Billing | Related | Requests/Track | Links | Custom 1 | Custom 2 | Comments

Requests

Request #	Problem Text	Location Address	Loc City	No of Requests	Recorded Date	Last Request Dat
14-003449	Sunken/Settled Sidewalk	14501 118TH ST	Overland Park	1	05/12/2014	05/12/2014
14-003962	Surface Defect - Major	10140 BLUEJACKET ST		1	06/04/2014	06/04/2014
14-003964	Fault >= 1" and < 2"	8008 114TH TER		1	06/04/2014	06/04/2014
14-003988	Fault >= 1" and < 2"	8000 114TH TER	Overland Park	1	06/05/2014	06/05/2014
14-004008	Fault >= 1" and < 2"	9240 MOODY PARK DR	Overland Park	1	06/06/2014	06/06/2014

Tracking

Tracked Item	Description	By	Date /
Work Order Creation		AAM	07/03/2014
Associate W/O & Request	Work Request 14-003449	AAM	07/03/2014
Associate W/O & Request	Work Request 14-003962	AAM	07/03/2014
Associate W/O & Request	Work Request 14-003964	AAM	07/03/2014
Associate W/O & Request	Work Request 14-003988	AAM	07/03/2014
Associate W/O & Request	Work Request 14-004008	AAM	07/03/2014
Status Change	from New Work Order to Complete	AAM	07/03/2014

SIDEWALK GRINDING





Work Order #	14-005894	Category	1200	Sidewalks
Status	999 Complete	Problem		
Status Date	06/10/2014 08:06 AM	Main Task	1205	Sidewalk Grinding

WO | Location | Assets | List/Events | Tasks/Res | Routing | Costs | Billing | Related | Requests/Track | Links | Custom 1 | Cus: < >

Requests

Request #	Problem Text	Location Address	Loc City	No of Requests	Recorded Date	Last Request Date
14-003917	Citizen Request	11201 141ST ST	Overland Park	1	06/03/2014	06/03/2014
14-003924	Citizen Request	8812 132ND PL	Overland Park	1	06/03/2014	06/03/2014
14-003199	Citizen Request	16228 LINDEN ST	Overland Park	1	04/30/2014	04/30/2014
14-003212	Citizen Request	13221 BENSON ST		1	04/30/2014	04/30/2014
14-003468	Citizen Request	144TH TER	Overland Park	1	05/13/2014	05/13/2014
14-003779	Sunken/Settled Sidewalk	5801 153RD ST	Overland Park	1	05/28/2014	05/28/2014
14-003803	Citizen Request	8847 143RD TER	Overland Park	1	05/28/2014	05/28/2014

Tracking

Tracked Item	Description	By	Date /
Work Order Creation		SAB	06/10/2014
Associate WO & Request	Work Request 14-003789	SAB	06/10/2014
Disassociate Request	Work Request 14-003789	SAB	06/10/2014
Associate WO & Request	Work Request 14-003917	SAB	06/10/2014
Associate WO & Request	Work Request 14-003924	SAB	06/10/2014
Associate WO & Request	Work Request 14-003199	SAB	06/10/2014
Associate WO & Request	Work Request 14-003212	SAB	06/10/2014
Associate WO & Request	Work Request 14-003468	SAB	06/10/2014
Associate WO & Request	Work Request 14-003779	SAB	06/10/2014
Associate WO & Request	Work Request 14-003803	SAB	06/10/2014
Status Change	from New Work Order to Complete	SAB	06/10/2014

SIDEWALK REPLACEMENT





Work Order #	14-004372	Category	1200	Sidewalks
Status	999 Complete	Problem	1201	Sunken/Settled Sidewalk
Status Date	05/07/2014 02:55 PM	Main Task	1202	Sidewalk Replacement

WO | Location | Assets | List/Events | **Tasks/Res** | Routing | Costs | Billing | Related | Requests/Track | Links | Custom 1 | Custom 2 | Comments

Work Tasks

No	Task Text	Task Start Date /	Task End Date	Status Text	UOM	Calc'd Unit Cos
1	Sidewalk Replacement	05/05/2014	05/06/2014		Square Feet	0.00

Resources

Group	Type	Resource	Resource Text /	UOM	Units	Cost
	Material	1048	BRICK	Each	120.00	31.20
	Equipment	8138	CONSTRUCTION TRUCK	Hours	14.00	392.00
	Material	2101	PLS	Bag	3.00	13.50
	Employee	1052	VANDEPUTTE, RICK	Hours	16.00	595.22
	Employee	1057	ZAGORSKI, MIKE	Hours	16.00	564.53

RAMPS

RAMP INVENTORY/INSPECTION

Lucity 7.5 - Overland Park

System General Environmental Sewer Storm Transportation Water Electric Gas Trees/Parks Equipment Facility Refuse/Recycling Work Inventory Mobile View Window Help

Ramp Inventory - No Filter

Ramp Rec # 3416 Ramp Number 3416 Type 6 Mid-Block

Status

Attribute 1 Attribute 2 Construction Inspection WD/PM/Req Custom Comment

Address 7104 71ST ST ADA Compliant

Address

Location

City

Street Location Detect Warning 1 Endcott Clay Brick

Project Number Pattern 1 Soldier

Fixed Asset ID

Ramp Inspection - No Filter

Ramp Rec # 3416 Ramp Number 3416 Inspection Type

Inspection Details Custom Comment

ADA Compliant

Element #	Element /	Element Text	Direction Text	LSR1	LSR2	LSR3	CSR1	CSR2	CSR3	Width	Length
1	1	Street 1	Northwest				0.90				
2	2	Curb Height 1	Northwest	1.33							
3	3	Pan 1	Northwest	4.00			1.00			2.00	4.00
4	5	Ramp 1	Northwest	3.40			1.80			6.80	6.00
5	6	Upper Landing 1	Northwest	1.50			1.90			4.00	4.00
6	7	Running Slope S...	Northwest	1.90							

Record 2906 of 2906 View Mode Ready...

RAMP TYPE A



RAMP TYPE B



RAMP TYPE C



MID-BLOCK RAMP



ADA RAMP REQUIREMENTS



RAMP INSPECTION - DESKTOP

Ramp Inspection - No Filter

Ramp Rec # 3415 Ramp Number 3415 Inspection Type 1 Geometric Evaluation

Inspection Details Custom Comment

Inspection	11/11/2010	Most Recent Inspection	<input checked="" type="checkbox"/>
Crew	Ruis		
Type	2 B		
Pattern	1 Soldier		
Structural Cond	1 Excellent		
Detect Warning	1 Endicott Clay Brick		
Warning Cond	1 Excellent		
Next Inspection	/ /		

Record 2905 of 2906 View Mode Ready...

INSPECTION DETAIL ENTRY

The image shows two overlapping software dialog boxes. The top one is titled "Ramp Inspection Details" and contains input fields for Element # (4), Element (Lower Landing 1), and Direction (South). It also has fields for Longitudinal Slope (1.90), Cross Slope (1.80), Width (9.80), and Length (7.00). The bottom dialog is titled "Element" and features a table with 14 rows. The first row is selected, and the table has columns for Code and Description. To the right of the table are buttons for Select, Close, Caption, Add, Edit, and Delete.

Ramp Inspection Details

Element #

Element Lower Landing 1

Direction South

Longitudinal Slope Cross Slope Width

Reading 1 Reading 2 Reading 3

Length

Element

Code▲	Description
1	Street 1
2	Curb Height 1
3	Pan 1
4	Lower Landing 1
5	Ramp 1
6	Upper Landing 1
7	Running Slope SW 1
8	Street 2
9	Curb Height 2
10	Pan 2
11	Lower Landing 2
12	Ramp 2
13	Upper Landing 2
14	Running Slope SW 2

Select
Close
Caption
Add
Edit
Delete

INSPECTION DETAILS

Ramp Inspection - No Filter

Ramp Rec # 3415 Ramp Number 3415 Inspection Type 1 Geometric Evaluation

Inspection Details Custom Comment

ADA Compliant

Element #	Element /	Element Text	Direction Text	LSR1	LSR2	LSR3	CSR1	CSR2	CSR3	Width	Length
1	1	Street 1	South				2.60				
2	2	Curb Height 1	South	1.75							
3	3	Pan 1	South	1.70			2.00			2.00	10.00
4	4	Lower Landing 1	South	1.90			1.80			9.80	7.00
5	5	Ramp 1	South	0.80			0.30			5.00	10.00
6	7	Running Slope S...	South	1.30							
7	8	Street 2	West				2.60				
8	9	Curb Height 2	West	1.75							
9	10	Pan 2	West	1.70			2.00			2.00	10.00
10	11	Lower Landing 2	West	1.80			1.90			9.80	7.00
11	12	Ramp 2	West	7.20			2.10			4.00	20.00
12	14	Running Slope S...	West	6.00							

Record 2905 of 2906 View Mode Ready...

RAMP INSPECTION - WEB

Browser address bar: <http://pwwdataproduct/lucityweb/default.aspx?&Token=729f9171-2eba-485b-8b95-6e10072883a3>

Lucity for clint001, - User C...

File Edit View Favorites Tools Help

Home Menu Favorites Open Views Modules

By Inspection ID x

By Inspection ID

Street Ramp Inspections 10

Ramp Rec #	Inspection Type Text	Inspection	Crew	Type Text	Material Text	Structural Cond Text	Detect Warning Text	Warning Cond Text	ADA Compliant
3415	Geometric Evaluation	11/11/2010	Ruis	B	Soldier	Excellent	Endicott Clay Brick	Excellent	<input checked="" type="checkbox"/>

Street Ramp Inspection Details (12)

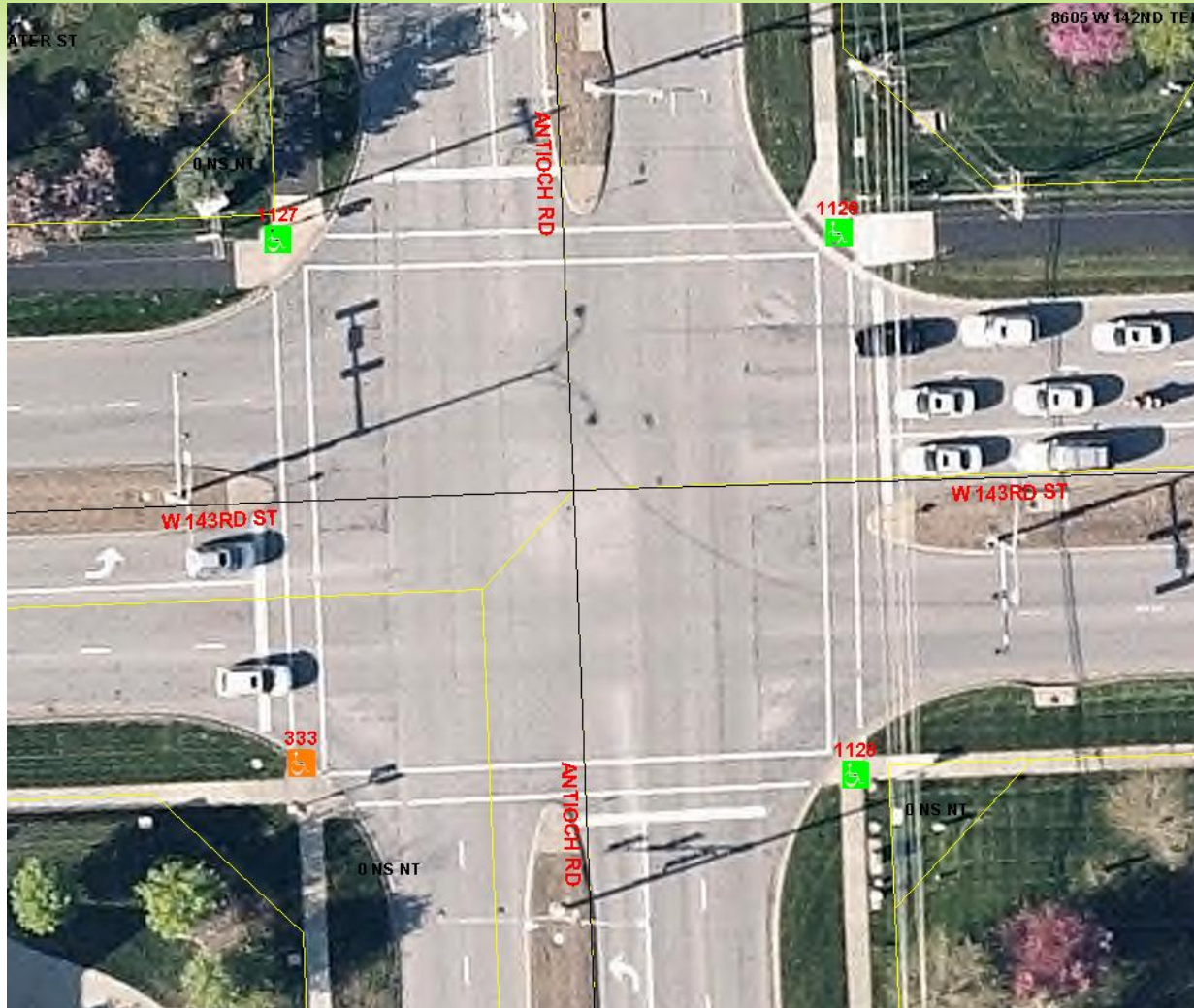
Ramp Inspection Details 10 1 of 2 GO >

Element #	Element	Element Text	Direction	Direction Text	Long Slope Read 1	Long Slope Read 2	Long Slope Read 3	Cross Slope Read 1	Cross Slope Read 2	Cross Slope Read 3	Width	Length
1	1	Street 1	5	South				2.60				
2	2	Curb Height 1	5	South	1.75							
3	3	Pan 1	5	South	1.70			2.00			2.00	10.00
4	4	Lower Landing 1	5	South	1.90			1.80			9.80	7.00
5	5	Ramp 1	5	South	0.80			0.30			5.00	10.00
6	7	Running Slope SW 1	5	South	1.30							
7	8	Street 2	7	West				2.60				
8	9	Curb Height 2	7	West	1.75							
9	10	Pan 2	7	West	1.70			2.00			2.00	10.00
10	11	Lower Landing 2	7	West	1.80			1.90			9.80	7.00

RAMP PHOTO



RESULTING MAP



QUESTIONS?