
RUCUS 2018

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City of Charlotte

**If you don't like
the way I drive,
get off the
sidewalk.**



City of Charlotte

Population 9,074

Eaton County Seat

12.17 miles of Major Streets

25.76 miles of Local Streets

6.82 miles of State
Trunkline

45.91 miles of Sidewalk



Our Roadsoft Journey



City originally requested Roadsoft in 1999.
Nothing got done.

Current version of Roadsoft was requested in 2004.
Started building the database.

GM Job Bank employee input road information from Highway Needs sheets.

GM Job Bank employee also put in the signs.
We've since updated using LDC.

Sidewalk Module was introduced as part of Version 6.7 in 2008.
Sidewalk information was populated in 2008-2009.

How we got started



Set your defaults

Undefined, Inch, Feet, Centimeter, Meter

City
Private
Road Commission
Township
Undefined

Defaults For Sidewalk

☐ Always apply default values to a new Sidewalk

Sidewalk Information

☐ Location

Side of Street: Undefined

☐ Dimensions

Parkway Width: 0.00 Feet

Thickness: 0.00 Inches

Width: 0.00 Feet

☐ Construction

Contractor:

Install Date: 01/01/1900

Permit:

☐ Inventory

Maintained By: Undefined

☐ Curb/Ramp

Start Curb Ramp: Undefined

Start Ramp ADA Compliance: Undefined

End Curb Ramp: Undefined

End Ramp ADA Compliance: Undefined

Material: Undefined

Relation to Street: Undefined

Memo:

Sidewalk Information

☒ Save

Left/ Right
N, S, E, W, NE, NW, SE, SW

Undefined, Inch, Feet, Meter

Undefined, Inch, Feet, Meter

—Φ—Z





Physical check of the data

Sidewalk Inventory Report

Street	From	To	Side	Side of Street	Width (ft)	Length (ft)	Sq. Ft.	Material	Condition	Start Curb Ramp	End Curb Ramp	Date Installed
W Lovett St City Major	S Clinton St (0.305)	S Sheldon St (0.366)	Left	North	5'	322	1288	Concrete	Undefined	ADA	ADA	1/1/1900
W Lovett St City Major	S Clinton St (0.305)	S Sheldon St (0.366)	Right	South	5'	322	1288	Concrete	Undefined	ADA	ADA	1/1/1900
W Lovett St City Major	S Sheldon St (0.366)	S Bostwick St (0.431)	Left	South	5'	343	1372	Concrete	Undefined	ADA	ADA	1/1/1900
W Lovett St City Major	S Sheldon St (0.366)	S Bostwick St (0.431)	Left	North	5'	343	1372	Concrete	Undefined	ADA	ADA	1/1/1900
W Lovett St City Major	S Sheldon St (0.366)	S Bostwick St (0.431)	Right	South	5'	343	1372	Concrete	Undefined	ADA	ADA	1/1/1900
W Lovett St City Major	S Sheldon St (0.366)	S Bostwick St (0.431)	Right	Undefined	5'	343	1372	Concrete	Undefined	ADA	ADA	1/1/1900
W Lovett St City Major	S Bostwick St (0.431)	S Lovett St (0.500)	Left	North	12'	364	1456	Concrete	Undefined	ADA	ADA	1/1/1900
W Lovett St City Major	S Bostwick St (0.431)	S Lovett St (0.500)	Right	South	10' 9"	364	1456	Concrete	Undefined	ADA	ADA	1/1/1900
W Lovett St City Major	S Lovett St (0.500)	S Washington St (0.565)	Left	North	4' 10"	343	1372	Concrete	Undefined	ADA	ADA	1/1/1900
W Lovett St City Major	S Lovett St (0.500)	S Washington St (0.565)	Right	South	11' 7"	343	1372	Concrete	Undefined	ADA	ADA	1/1/1900
W Lovett St City Major	S Washington St (0.565)	S Oliver St (0.625)	Left	North	5'	317	1268	Concrete	Undefined	ADA	ADA	1/1/1900
W Lovett St City Major	S Washington St (0.565)	S Oliver St (0.625)	Right	South	5' 3"	317	1268	Concrete	Undefined	ADA	ADA	1/1/1900
W Lovett St City Major	S Oliver St (0.625)	Pleasant St (0.723)	Left	North	4' 10"	517	2068	Concrete	Undefined	ADA	ADA	1/1/1900
W Lovett St City Major	S Oliver St (0.625)	Pleasant St (0.723)	Right	South	5'	517	2068	Concrete	Undefined	ADA	ADA	1/1/1900
E Lovett St City Minor	Pleasant St (0.723)	Prairie St (0.806)	Left	North	5'	438	1752	Concrete	Undefined	ADA	Intersect	1/1/1900

Sidewalk Inventory Report

Charlotte

Report Module: Sidewalk Inventory

Today's Date: Monday, July 13, 2009

Report Filter

Field Name	Operator	Value(s)
ROAD: City/Twp	=	Charlotte

COMPLETED

Then you go back and edit.

Cool “New” Features



Obstructions:

- Fire Hydrant
- Power Pole
- Sign
- Streetlight
- Tree
- Utility Cabinet
- Wall
- Ability to add and edit obstructions

Parkway Width

Tabs to add Inspections and Work Orders

Set more defaults for key information

Roadsoft: v2018.7 : Charlotte (City/Village)

FileTAMCAsset ManagementSafety AnalysisReportingLDCToolsSettingsHelp

Connection: [RoadSoft] on [DPWAMYG2017\TDG2014] as Admin (FW17)

MapSidewalk

PRNo	Road Name	BMP	EMP	Side of Street	Shape Side
3231197	W Seminary St	<input checked="" type="checkbox"/> 0.306	0.367	South	Right
		<input checked="" type="checkbox"/> 0.306	0.367	North	Left

Mini-Map

Split/Adjust

Sidewalk Information

Edit Location...

Location

City/TownshipCharlotte
Between RoadsS Clinton St-S Sheldon St
BMP0.306
EMP0.367
Segment NameSeminary
Side of StreetSouth

Dimensions

Length (feet)322.00
Parkway Width0.00 Inches
Thickness4.00 Inches
Width5.00 Feet

Construction

Contractor
Install Date01/01/1900
Permit

Inventory

Maintained ByCity

Curb/Ramp

Start Curb RampNo Ramp

Start Ramp ADA ComplianceNot Applicable

End Curb RampADA Approved Ramp

End Ramp ADA ComplianceCompliant

MaterialConcrete

Relation to StreetUndefined

Memo

Sidewalk Information

DefaultsMulti-editUndoSave

Obstructions

Sidewalk Obstructions

Manage Obstructions...

Fire Hydrant

☐ No

Power Pole

☐ No

Sign

☐ No

Streetlight

☐ No

Tree

☐ No

Utility Cabinet

☐ No

Wall

☐ No

Work OrderInspection

So many options...

Curb/Ramp

Start/End Curb Ramp

ADA approved ramp

No ramp

Non-ADA Approved

Ramp

Undefined

Start/End Ramp ADA Compliance

Compliant

Not applicable

Not Compliant

Undefined

Relation to Street

Curb adjacent

Parkway hardscape

Parkway landscape

Undefined

Obstructions

Sidewalk Obstructions [Manage Obstructions...](#)

Fire Hydrant	<input type="checkbox"/> No
Power Pole	<input type="checkbox"/> No
Sign	<input type="checkbox"/> No
Streetlight	<input type="checkbox"/> No
Tree	<input type="checkbox"/> No
Utility Cabinet	<input type="checkbox"/> No
Wall	<input type="checkbox"/> No

Work Order
Inspection

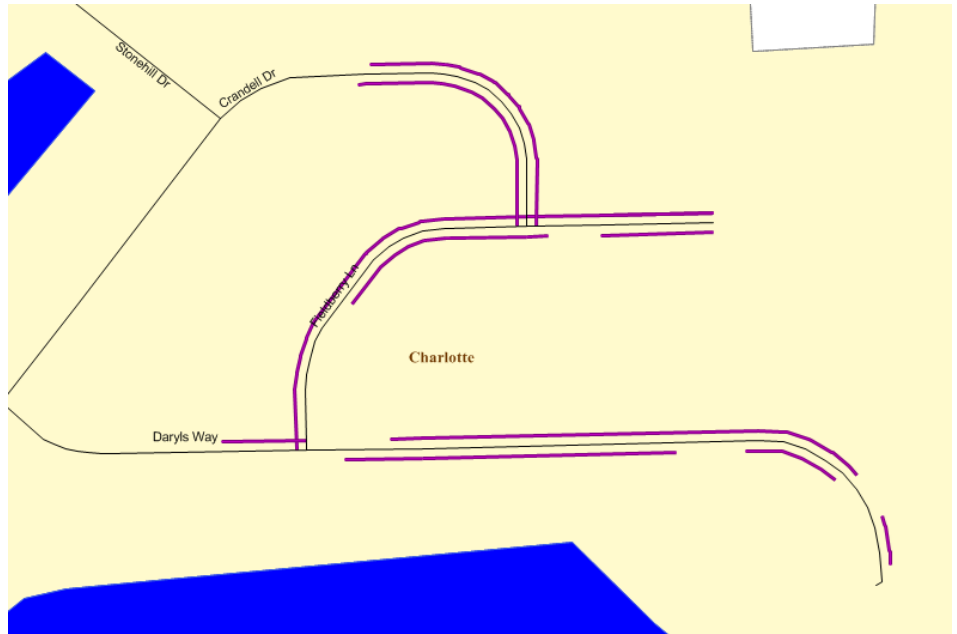


View/Edit Lookup/Defaults

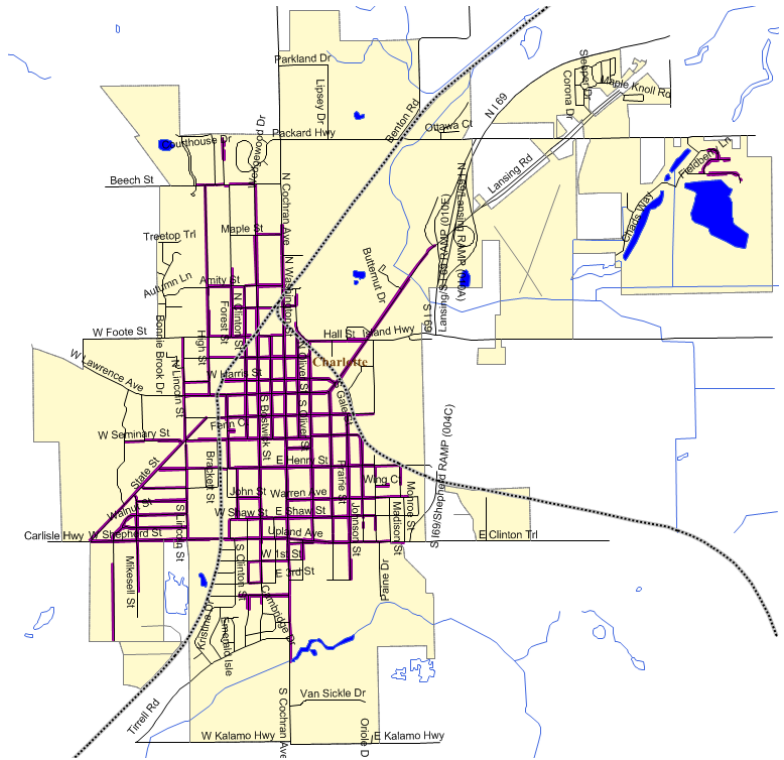
Lookup Table	Description	Abbreviation
Obstruction	Fire Hydrant	Hydrant
	Power Pole	Pole
	Sign	Sign
	Streetlight	Light
	Tree	Tree
	Utility Cabinet	Cabinet
	Wall	Wall

Delete Edit Add

Best Upgrade
Ever!



The “final”
product



Street: COCHEAN DISTRICT 1-1

Side: EART

Survey By: JMD

Date: 6/8

Distress Codes:

A. Cracking

B. Foulting

C. Tree/Root Damage

D. Surface Spalling

E. Missing Sidewalk

F. Ponding

Ramp Types:

MDOT 1

MDOT 2

MDOT 3

MDOT 4

NONE 5

North Arrow



Street: SEMINARY

Ramp Type

Barrier Free YES / NO

Street: Cochran

Ramp Type

Barrier Free YES / NO

Street: Lovett

[illegible]

Why should we keep an inventory?

Auditors want to know how much of an asset you have

Safe Routes to School applications

Track condition of sidewalks for:

- Assisting in the budgeting process

- Work order history

- Governmental immunity and the 2-inch rule



**QUESTIONS? CONCERNS?
COMMENTS?**

LET'S TALK

memegenerator.net