

Sidewalk Completion 2006 - 2014



This report provides a comprehensive overview of City of Asheville sidewalk development since 2006 and the plans and policies used for design and implementation.

The City of Asheville recognizes that development of a convenient and connected pedestrian infrastructure is essential to a viable multi modal transportation network and that sidewalks are a vital component within that network. The City is committed to increasing the number of sidewalks and providing for the safety, health, mobility, and quality of life for Asheville citizens and guests through the administration of engineering, infrastructure and transportation related projects. More money is now available to fund sidewalk construction as part of the Capital Improvement Program's focus on transportation maintenance and infrastructure improvements. In addition to local funds, the City of Asheville secures and leverages state and federal grants to build sidewalks.

Sidewalk projects are selected using criteria set in the 2004 Pedestrian Plan, designed to provide city staff and elected officials with good, technical information to make decisions on where to invest limited resources that improve pedestrian safety and infrastructure. The plan establishes the policies, programs, design criteria, and projects that will further enhance access in all of Asheville's neighborhoods.

Since the development of the Pedestrian Plan, the City has adopted several policies and initiatives that enhance sidewalk planning and overall multi modal transportation planning. Sidewalks, bike lanes, crosswalks, greenways, transit stops, and streetscape amenities can work together to accommodate more density, encourage non-motorized forms of travel and serve to provide a street environment that is vibrant, safe, and attractive.

Highlights of Sidewalk Development since 2006:

New Sidewalk Construction: 18.4 Miles

Sidewalk Maintenance and Repair: 8 Miles

New Construction of Neighborhood Sidewalks: 6 Miles

New Construction Non-Neighborhood/Linkage Sidewalks: 12 Miles



Current City Plans and Policies regarding Sidewalks:

- **2004 Pedestrian Plan** - Asheville plan that lays out a pedestrian network that includes sidewalks, pedestrian crossings, and greenways that offer convenience, safety and connectivity to citizens and visitors, encourage and reward the choice to walk and use transit, improve access for those with disabilities, and add to the equality of life and unique character of the City of Asheville. The Pedestrian Plan includes following criteria used by the City of Asheville when prioritizing sidewalk development:
 - City staff must apply criteria to determine the projects most suitable for City investment on an on-going basis. There are six criteria areas identified for measuring project impact and priority:
 - (1) Zoning jurisdiction
 - (2) Proximity to Schools, Parks, and Community Centers
 - (3) Proximity to Transit Stops
 - (4) Needed linkages that complete a pedestrian thoroughfare or address a safety concern
 - (5) Feasibility of construction
 - (6) Major Thoroughfares and Connector Roads
- **City of Asheville 2025 Plan** - The Asheville City Development Plan 2025, adopted in 2010, further emphasized the importance of a transportation network that reflects community desires and wishes concerning the future growth of the City. The plan draws a strong link between transportation and land use in planning for future development of Asheville, stating that transportation and planning must be as much a part of the total urban planning process as land use planning. Goals related to sidewalks and transportation planning are highlighted on the next page:



- Goal – The City should assure that as land is developed or redeveloped, provision is made for access by various means of transportation.
 - Strategy – The City should revise its subdivision regulations to require pedestrian and, where feasible, vehicular connections within the subdivision and between the subdivision and adjacent property.
- Goal – The City should work with property owners, institutions, and public and private agencies to enhance the streetscape along streets and roads in the City.
 - Strategy - The City should prepare streetscape design plans to serve as guide for development and treatment of the City's streetscapes. Plans should be done for the City in strategic areas, such as Downtown, the river district, historic districts, and the urban and neighborhood corridors. The streetscape plans should work to beautify these areas, reduce the environmental impacts of development, encourage pedestrian activity, and uniquely identify these areas.
- Goal - Develop a system of sidewalks, greenways and bicycle facilities that will make Asheville a more walkable and more livable city.
 - Strategy - Create pedestrian oriented zones throughout the City in tandem with urban villages and concentrated areas of development. Link the pedestrian oriented zones through attractive and usable pedestrian and bicycle facilities.
 - Strategy - Pedestrian zones and identified pedestrian thoroughfares should be incorporated into long-range transportation plans, and addressed during roadway facilities planning.
- **Safe Routes to School** - Safe Routes to School (SRTS) is a federally-funded grant reimbursement program providing an opportunity for communities to improve conditions for bicycling and walking to school.



- **Complete Streets**—Adopted in 2012, City of Asheville’s complete streets policy is a standard of street design including multi-modal transportation: sidewalks, bike lanes, transit stops, linkages to greenways and PED friendly intersection design.
- **Multi-Modal Transportation** – Multi-Modal transportation development continues to be a priority for City Council and staff. Multimodal Transportation Commission established by an ordinance adopted May 14, 2013 was created to assist the City in furthering, advancing and promoting a broad comprehensive and integrative transportation system that incorporates multimodal concepts, including but not limited to transit, bicycle and pedestrian facilities, greenways, complete streets, and highways.



Vision and Planning for the Future

The Capital Improvement Program (CIP) is a five-year financing plan for infrastructure improvements, facility construction and improvement, and equipment acquisition. The City's emphasis on long-range capital improvement planning focuses attention on the current and future needs of the community and on balancing those needs with the City's fiscal resources. Multi-modal transportation planning is highlighted in the CIP, with an emphasis on sidewalk construction and maintenance.

The CIP will compile all the transportation projects derived from the Multi Modal Transportation Plan, which is in development, and the Neighborhood Sidewalk program.

- a. Multi-Modal Transportation Plan (MMTP) – the City's goal is to create an effective and progressive plan that encourages health oriented and sustainable transportation, reduces barriers to access transportation and connects residents and visitors with the places they want and need to go with improved safety, efficiency and accessibility. The MMTP will look at the system in a comprehensive way and will measure mobility deficiencies city wide and will develop and establish a priority system that will become the tool to determine which projects are part of the CIP.
- b. Neighborhood Sidewalks – the Neighborhood Sidewalk Program will focus specifically on addressing particular needs of the neighborhoods, such as safety and/or accessibility concerns. Sidewalks will be selected based on needed linkages and using the criteria developed in the MMTP to prioritize transportation projects. The Multi Modal Transportation Commission will work with staff determining those priorities.

Tables and Charts

The attached tables detail new sidewalk construction and sidewalk maintenance projects completed over the past eight years. 18 miles of new sidewalk construction have been completed since 2006. City Staff are continuing to work on a 5 year projection for sidewalk development, taking into account various funding sources.

CITY OF ASHEVILLE FUNDED SIDEWALK PROJECTS

Completed Sidewalks - City Funded

Fiscal Year 2014 Completed Sidewalks					
Street	Location	Neighborhood Sidewalk	Linear Feet	Budgeted	Actual Cost
Overlook Road (east side)	Long Shoals Rd to John Moody property (1,034 LF), Mt Zion Church (170 LF), Buncombe County library to Springside Dr (230 LF)	YES	1,434	431,733	396,940
Fiscal Year 2014 Total			1,434	\$ 431,733	\$ 396,940

Fiscal Year 2013 Completed Sidewalks					
Street	Location	Neighborhood Sidewalk	Linear Feet	Budgeted	Actual Cost
US 19-23 (Patton Avenue)	Parkwood Rd to Druid Dr (1,150 LF), Druid Dr to Leceister Hwy 9 (1,051 LF), Regent Park Blvd to Smoky Park Bridge (2,491 LF)	NO	4,692	698,981	387,895
US 70 (Tunnel Road)	From Governor's View Road to Maple Springs Road	NO	1,263	316,250	204,061
Lyman St	From Roberts St to Riverside Dr then along Riverside for 80'	NO	320	A	73,494
Wild Cherry Rd	From Beaverdam Rd to Gibson Rd	YES	150	9,412	9,412
E. Oakview Rd	From NC 191 (Brevard Rd) to bridge project limits	YES	1,040	A	64,713
Fiscal Year 2013 Total			7,465	\$ 1,024,643	\$ 739,576

Fiscal Year 2012 Completed Sidewalks					
Street	Location	Neighborhood Sidewalk	Linear Feet	Budgeted	Actual Cost
NC 191 (Brevard Road)	From I-40 to I-26	NO	5,882	A	71,378
Short Coxe Avenue	From Biltmore Avenue to Southside Avenue	NO	1,250	A	94,084
Future Drive	From Wood Avenue to privately-maintained sidewalk	YES	300	A	13,206
Lakeshore Drive	Merimon (Beverly Hanks Property to Mount Vernon Circle)	YES	300	A	25,181
Kenilworth Knoll/Tunnel Rd	From Kenilworth Knoll to Chunn's Cove Road	NO	1,445	117,269	90,294
Old County Home Road	At its intersection with NC 63 (New Leicester Hwy)	NO	40	A	4,672
Hilliard Avenue	At its intersection with Pearl Street	NO	60	A	4,762
Pearl Street	From Hilliard Avenue northward for 240 linear feet	NO	240	A	8,720
Oliney Street	From Sand Hill Road eastward for 115 linear feet	YES	115	A	12,427
Long Street	From Asheville Pizza to East Larchmont Street	YES	400	33,195	33,195
Fiscal Year 2012 Total			10,032	150,464	\$ 357,919

Fiscal Year 2011 Completed Sidewalks					
Street	Location	Neighborhood Sidewalk	Linear Feet	Budgeted	Actual Cost
Beverly Road	Tunnel Road to Haw Creek	YES	1,948	B	53,026
US 70 (Tunnel Road)	From Arco Road to Avon Road	NO	760	B	32,820
US 70 (Tunnel Road)	From New Haw Creek Road to Arco Road	NO	1,820	C	90,790
US 70 (Tunnel Road)	From Avon Road to Governor's View Road	NO	1,236	D	81,832
Fiscal Year 2011 Total			5,764	-	\$ 258,468

Fiscal Year 2010 Completed Sidewalks					
Street	Location	Neighborhood Sidewalk	Linear Feet	Budgeted	Actual Cost
Edgewood Road	From Long Street to Kimberly Avenue	YES	1,175	K	29,700
Amboy Rd	From Carrier Park to French Broad River Park	NO	694	28,000	28,000
Pinchot Drive	From the existing greenway trail to Estes Elementary School.	YES	800	D	14,152
Edgewood Road	From Barnard Avenue to Edgewood Knoll Rd.	YES	1,162	E	154,742
Springside Road	From Overlook Road to TC Roberson access point.	YES	222	D	15,415
Fiscal Year 2010 Total			4,053	28,000	\$ 242,009

Fiscal Year 2009 Completed Sidewalks					
Street	Location	Neighborhood Sidewalk	Linear Feet	Budgeted	Actual Cost
Panola St/Montford ParkPl.	From Montford Ave. to Cumberland Ave.	YES	621	E	52,427
UNCA Project	From University Heights to W.T. Weaver Blvd	NO	1,090	E	39,080
Macon Avenue	From Long Champs to Charlotte Street	YES	2,312	E	82,395
Fiscal Year 2009 Total			4,023	-	\$ 173,901

Fiscal Year 2008 Completed Sidewalks

Street	Location	Neighborhood Sidewalk	Linear Feet	Budgeted	Actual Cost
Harnett St.	From Sulpher Springs Rd. to Sand Hill Rd.	YES	512	N	23,135
All Souls Crescent	From Hendersonville Rd. to Angle St.	NO	378	L	92,914
Livingston St.	Herman Avenue to Beech Hill Street	YES	530	O	20,335
Catawba St.	From Cumberland Ave. to Broadway	YES	471	M	33,869
NC 146 (Long Shoals Road)	From US 25 (Hendersonville Road) to I-26	NO	16,100	NCDOT	120,476
Hilliard Ave.	From Asheland Ave. to S. French Broad Ave.	NO	731	F	35,795
Broadway	From Catawba St. to Magnolia Ave.	NO	1,600	M	49,520
Fiscal Year 2008 Total			20,322	-	\$ 376,043

Fiscal Year 2007 Completed Sidewalks

Street	Location	Neighborhood Sidewalk	Linear Feet	Budgeted	Actual Cost
Yorkshire St.	Sidewalk & retaining wall from U.S. 25 to Reed St.	YES	484	51,734	35,719
Enka Village Project	All of Enka Village	YES	6,312	O	186,077
Charlotte St.	From Edgemont Rd. to Evergreen Ln.	YES	228	N	7,402
Burton St.	Burton St. Community Center	YES	370	13,201	13,201
Fairview Rd.	From Eastview to Sweeten Creek	YES	2,624	O	157,356
Fiscal Year 2007 Total			10,018	64,935	\$ 399,756

Fiscal Year 2006 Completed Sidewalks

Street	Location	Neighborhood Sidewalk	Linear Feet	Budgeted	Actual Cost
Hiawasse St.	From Flint St. to Rankin Ave.	YES	502	P	22,535
Hilliard St.	Clingman Ave to Pearl St.	NO	805	O	27,915
Kenilworth Rd.	From Beaucather Rd. to Tunnel Rd.	YES	187	O	9,463
S. Market St.	From S. Spruce St. to Beaumont St.	NO	336	O	15,594
Fiscal Year 2006 Total			1,830	-	\$ 75,507

City Funded Sidewalks from Fiscal Years 2006 through 2014

64,941	N/A	\$ 3,020,119
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Completed Sidewalks - Grant Funded

Fiscal Year 2013 Completed Sidewalks

Street	Location	Neighborhood Sidewalk	Linear Feet	Budgeted	Actual Cost
US 70 (Tunnel Road)	From Maple Springs Road to Craig Circle	NO	1,177	NCDOT	75,170
US 70 (Tunnel Road)	From Pleasant Ridge Drive to ABCCM	NO	3,052	NCDOT	222,598
SR 1332 (N. Louisiana Ave.)	From Jewish Cemetery to Business Park	NO	550	A	42,970
Fiscal Year 2013 Total			4,779	-	\$ 340,738

Fiscal Year 2012 Completed Sidewalks

Street	Location	Neighborhood Sidewalk	Linear Feet	Budgeted	Actual Cost
US 70 (Tunnel Road)	From Asheville Mall to New Haw Creek Road	NO	3,556	NCDOT	108,008
East Oakview Bridge	East Oakview Bridge-Start at Bridge then 166 feet East	YES	166	7,470	7,470
SR 1332 (N. Louisiana Ave.)	From SR 1338 (Emma Rd.) to Emma Elementary School	NO	1,050	H	181,985
SR 1332 (N. Louisiana Ave.)	From Emma Elementary School to Mallard Dr.	NO	1,050	H	186,241
Fiscal Year 2012 Total			5,822	7,470	\$ 483,704

Fiscal Year 2011 Completed Sidewalks

Street	Location	Neighborhood Sidewalk	Linear Feet	Budgeted	Actual Cost
Depot Street	From Livingston Street to Clingman Avenue	NO	930	E	56,549
Evelyn Place	From Murdock Street to Kimberly Avenue	YES	130	F	12,566
Linden Street	From Birch Street to Royal Pines Drive	YES	1,100	F	66,065
Choctaw Street	From South French Broad Avenue to McDowell Street	YES	1,400	F	87,843
Hilliard Avenue	From Coxie Avenue to Church Street	NO	550	F	33,734
Short Michigan Street	From State Street to Amboy Road	YES	1,350	F	82,841
Clingman Ave.	From Haywood Rd. Bridge to Clingman Ext. and	NO	1,868	I	576,462
Clingman Ave.	From Clingman Ave. Ext. to Hilliard Ave.	NO	584	I	192,575
US 19-23 (Patton Ave.)	From NC 63 (New Leicester Hwy.) to Regent Park Blvd.	NO	4,900	J	297,155
Fiscal Year 2011 Total			12,812	-	\$ 1,405,790

Fiscal Year 2010 Completed Sidewalks

Street	Location	Neighborhood Sidewalk	Linear Feet	Budgeted	Actual Cost
• SR 2230 (Beaverdam Road)	From US 25 (Merrimon Avenue) to Kimberly Avenue	NO	2,060	NCDOT	292,964
• Pinchot Drive	From Estes Elementary School to SR 3503 (Overlook Road)	YES	400	NCDOT	15,658
• US 25 (Hendersonville Road)	From Forest Street to West Chapel Road	NO	2,700	F	71,604
• SR 1332 (Louisiana Avenue)	From the Rush parking lot to the Jewish cemetery	NO	350	123,648	71,808
Fiscal Year 2010 Total			5,510	123,648	\$ 452,035

Fiscal Year 2008 Completed Sidewalks

Street	Location	Neighborhood Sidewalk	Linear Feet	Budgeted	Actual Cost
• Avon Road	From Beverly Road to US 70 (Tunnel Road)	YES	1,215	G	274,680
• New Haw Creek Rd.	From Arco Road to Beverly Road	YES	2,080	G	113,156
Fiscal Year 2008 Total			3,295	-	387,836

Grant Funded Sidewalks from Fiscal Years 2006 through 2014

32,218	N/A	\$ 3,070,102
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Total New Sidewalk Construction Completed

97,159	N/A	\$ 6,090,221
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| A= Budget in the aggregate - \$897,450 | E= Budget in the aggregate - \$200,000 |
| B= Budget in the aggregate - \$200,000 | F= Budget in the aggregate - \$1,784,750 |
| C= Budget in the aggregate - \$195,201 | I= Budget in the aggregate - \$1,157,251 |
| D= Budget in the aggregate - \$170,000 | G= Budget in the aggregate - \$483,565 |
| H= Budget in the aggregate - \$537,500 | J= Budget in the aggregate - \$315,000 |
| K= Budget in the aggregate - \$200,000 | L= Budget in the aggregate - \$820,000 |
| O= Budget in the aggregate - \$200,000 | N= Budget in the aggregate - \$200,000 |
| P= Budget in the aggregate - \$145,000 | M= Budget in the aggregate - \$199,457 |

In-House Sidewalk Maintenance

Fiscal Year 2014 Sidewalk Maintenance				
Area	Street	Neighborhood Sidewalks	Linear Feet	Total Cost
• Central	Woodfin Street	YES	345	14,966
• Central	Hilliard Street	YES	417	Under construction
• Central	Spruce Street	NO	879	78,777
• Various	Additional smaller work completed for 2014	N/A	N/A	9,019
Fiscal Year 2014 Total			1,641	102,761

Fiscal Year 2013 Sidewalk Maintenance				
Area	Street	Neighborhood Sidewalks	Linear Feet	Total Cost
• North	North Street	YES	240	14,296
• Central	Coxe Avenue	NO	200	21,475
• Central	Patton Avenue	NO	170	32,255
• Central	College Street	NO	115	12,959
• West	Haywood Road	NO	70	17,710
• Various	Additional smaller work completed	N/A	N/A	152,579
Fiscal Year 2013 Total			795	251,274

Fiscal Year 2012 Sidewalk Maintenance				
Area	Street	Neighborhood Sidewalks	Linear Feet	Total Cost
• Central	Patton Avenue	NO	180	22,301
• West	Garden Circle	YES	185	10,473
• Central	E. Walnut Street	NO	130	12,576
• Various	Additional smaller work completed	N/A	N/A	138,477
Fiscal Year 2012 Total			495	183,826

Fiscal Year 2011 Sidewalk Maintenance				
Area	Street	Neighborhood Sidewalks	Linear Feet	Total Cost
• North	Elizabeth Street	YES	1,300	74,970
• Central	S. French Broad	NO	967	32,627
• West	Granada Avenue	YES	196	11,463
• Central	Haywood Street	NO	134	10,665
• Various	Additional smaller work completed	N/A	N/A	84,012
Fiscal Year 2011 Total			2,597	213,737

Fiscal Year 2010 Sidewalk Maintenance				
Area	Street	Neighborhood Sidewalks	Linear Feet	Total Cost
• Harrison Street	Cherry Street to Starnes Avenue	NO	940	42,750
• Various	Additional smaller work completed for 2010	N/A	N/A	70,702
Fiscal Year 2010 Total			940	113,452

Fiscal Year 2009 Sidewalk Maintenance				
Area	Street	Neighborhood Sidewalks	Linear Feet	Total Cost
• South	Banks Street	NO	1,431	54,424
• West	School Road	YES	2,462	104,410
• North	Orange Street	YES	1,908	59,316
• West	Madeline Avenue	YES	1,862	82,316
• East	Finalee Avenue	YES	407	14,721
• Central	Woodfin Street	NO	640	14,633
• North	Charlotte Street	NO	406	13,481
• North	Cumberland Avenue	YES	125	15,232
• Various	Additional smaller work completed	N/A	N/A	92,628
Fiscal Year 2009 Total			9,241	\$ 451,161

Fiscal Year 2008 Sidewalk Maintenance				
Area	Street	Neighborhood Sidewalks	Linear Feet	Total Cost
• East	Chiles Avenue	YES	352	17,025
• Central	Battery Park	NO	298	14,252
• Central	Commerce Street	NO	133	14,593
• Various	Additional smaller work completed	N/A	N/A	100,338
Fiscal Year 2008 Total			782	146,209

Fiscal Year 2007 Sidewalk Maintenance

Area	Street	Neighborhood	Linear Feet	Total Cost
		Sidewalks		
• East	Blake Street	YES	19,029	163,007.00
• Various	Additional smaller work completed	N/A	N/A	80,502
Fiscal Year 2007 Total			19,029	243,509

Fiscal Year 2006 Sidewalk Maintenance

Area	Street	Neighborhood	Linear Feet	Total Cost
		Sidewalks		
• Central	Coxe Avenue	NO	250	16,123
• Various	Additional smaller work completed	N/A	N/A	44,504
Fiscal Year 2006 Total			250	60,627

Fiscal Year 2005 Sidewalk Maintenance

Area	Street	Neighborhood	Linear Feet	Total Cost
		Sidewalks		
• South	Lodge Street	NO	832	22,507
• Various	Additional smaller work completed	N/A	N/A	51,614
Fiscal Year 2005 Total			832	74,121

In-House Sidewalks Maintenance from Fiscal Years 2005 through 2104

36,603 \$ 1,840,676

Note:

Additional smaller work is work orders completed less than \$10,000.00.

Contracted Sidewalk Maintenance

Fiscal Year 2014 Sidewalk Maintenance

Area	Street	Neighborhood	Linear Feet	Total Cost
		Sidewalks		
• North	Cherry Street	YES	399	46,240
• West	Vance Crescent/Olney	YES	2,236	180,310
• North	Starnes Ave	YES	545	54,887
• Central	Pearl Street	YES	373	51,117
• North	20 Chestnut	NO	28	4,698.00
• North	Broadway and Mt. Clare	NO	27	1,558.00
• North	108 Mt Clare	YES	83	3,738.00
• North	166 Macon	YES	43	8,132.50
• North	Flint St	YES	18	2,134.50
• North	9 Cherry St	YES	98	7,597.50
• North	Cherry-Flint	YES	20	3,200.00
• North	Woodlawn Avenue	YES	215	12,282.25
• North	Broadway	NO	246	18,232.15
• North	21 Crescent	YES	476	24,955.00
• West	Shelburne	NO	754	50,941.70
• Central	Livingston Street	NO	329	29,924.50
• North	141 Hillside	NO	39	1,493.20
• North	163 Hillside	NO	153	10,105.00
• Central	62 Church Street	NO	73	10,692.00
• Central	40 Church Street	NO	51	3,845.00
• North	Hillside and Clyde	NO	32	Under construction
• North	East Chestnut Street	NO	237	26,542
Fiscal Year 2014 Total			6,474	\$ 552,625.18

Contracted Sidewalks Maintenance from Fiscal Years 2005 through 2104

43,076 \$ 2,393,301.26