

CITY OF WINONA



Americans with Disabilities Act (ADA) Transition Plan

Department of Engineering

01/30/2018

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Introduction

The American's with Disabilities Act (ADA) of 1990 was enacted on July 26, 1990. This law was made to elevate the rights and protection of persons with disabilities to the same level as we place on the race, color, sex, religion, and national origin that are provided through the Civil Rights Act of 1964.

The Engineering Department is creating a Transition Plan to include: pedestrian curb ramps, appropriate access to the right-of-way, and accessible pedestrian traffic signals throughout the city. This plan will identify the steps we must take to complete modifications and make the City of Winona safe and comfortable for all citizens.

The City of Winona Engineering Department has jurisdiction over streets and walkways throughout the city and therefore must create this Transition Plan for accessibility standards related to infrastructure. This plan addresses pedestrian curb ramps, appropriate access to the public right-of-way, accessible traffic pedestrian signals, and railway crossings throughout the City.

Self-Evaluation

In the summer of 2017, the Engineering Department inventoried all of the city's pedestrian curb ramps, railway crossings, sidewalks, and traffic signals. All of this information will be included in this plan, besides the pedestrian curb ramps, which will be available in the city of Winona's website, inside of the GIS web mapping application. ([Winona's GIS Map](#))

The Engineering Department manages a capital improvement plan to upgrade, provide maintenance and construct new infrastructure in the public right-of-way. Additionally, it evaluates our public infrastructure periodically and determines needed projects and repairs. The city of Winona strives to be

compliant with ADA requirements and follows its guidelines when constructing public infrastructure.

Pedestrian Curb Ramps

The City of Winona believes that equal access for all persons is essential and works toward providing full access for all persons regardless of physical abilities. The transportation routes used by citizens and visitors traveling within the city are crucial physical assets that provide safe travel throughout the city. Pedestrian ramps are among the numerous elements of the transportation system planned, designed, and used for non-vehicle travel; which if absent, will limit the accessibility for all individuals.

The Winona Department of Public Works has actively pursued the installation of sidewalk pedestrian ramps at locations where public sidewalks intersect with streets. Currently all street crosswalk transitions have ramped areas; however, not all of them are up to the current ADA requirements. Since 2007, all new ramps are constructed with a minimum of 48" ramp bottom, 1:12 maximum ramp slope, and 24" x 48" truncated dome areas at the bottom of the ramps.

It is the City of Winona's practice and policy to replace pedestrian ramps not meeting current standards concurrent with street construction or reconstruction projects regardless of the funding source. The city does not replace pedestrian ramps when maintenance activities such as seal coating or mill and overlay projects occur. Also, the city will replace non-compliant pedestrian ramps as funds become available for such projects.

In the summer of 2017, the City of Winona's engineering department inspected 100% of the city's pedestrian ramps, and the results are inside of Winona's GIS webpage. ([Winona's GIS Map](#))

Cost & Time Estimate:

The city of Winona has 1,628 non-compliant curb ramps. The city's goal is to have all pedestrian ramps up to compliance by 2050. At an estimate in 2018

dollars of \$5,000 per ramp the total cost estimate of meeting compliance will be:

$$1,628 \times \$5,000 = \$8,140,000$$

Accessible Pedestrian Traffic Signals (APS)

Accessible Pedestrian Signals (APS) are in place to assist blind, visually impaired, and other disabled persons of all ages to cross at designated streets and intersections. Every APS signal must be constructed with compliant pedestrian ramps; our ramp inventory is in the previous section of the Winona ADA Transition Plan.

It is the City's practice and policy to replace pedestrian systems not meeting the current standards concurrent with street reconstruction projects including signal replacement regardless of the funding source; federal funding, state aid funding or city funding. The city does not replace traffic signal components when maintenance street preservation activities such as seal coating or mill and overlay projects.

All new traffic signals will be constructed with compliant APS systems. The existing non-compliant city signals will be upgraded as project location, and available funds allow.

The City of Winona has 21 traffic signals, with most intersections having four pedestrian crossings. Winona has nine compliant traffic crossings compared to 12 non-compliant. Below is a list of the compliant and non-compliant intersections:

Compliant:

- Highway 61 & Pelzer
- Highway 61 & Gilmore Ave
- Highway 61 & Mankato Ave
- Mankato Ave & Riverbend Rd
- Mankato Ave & Frontenac Dr
- 4th St & Huff St
- 4th St & Winona St

- Highway 14 & Cottonwood Dr
- Sarnia St & Franklin St

Non-Compliant:

- Huff St & Highway 61
- Huff St & Sarnia St
- Huff St & 6th St
- Huff St & 5th St
- Huff St & 4th St
- Huff St & 2nd St
- Main St & 6th St
- Main St & 5th St
- Main St & 4th St
- Franklin St & 6th St
- Pelzer St & 5th St
- Homer Rd & Highway 43

Cost & Time Estimate:

The city of Winona has 12 non-compliant APS traffic signals. The city's goal is to have all traffic signals up to compliance by 2050. At an estimate of \$150,000 to \$300,000 per signal the total cost estimate of meeting compliance will be:

12 x \$150,000 to \$300,000 = \$1,800,000 to \$3,600,000

Citizens can request for an APS installation. Each request will be evaluated using the NCHRP 3-62 Guidelines for Accessible Pedestrian Signals "APS Prioritization Tool." The City Engineer will evaluate the requested location and compare it to the NCHRP 3-62 guidelines to help choose and prioritize the future projects. Afterward, the city will construct new compliant traffic signals as resources become available. Below is a summary of the APS Prioritization Tool:

Summary of APS Prioritization Tool (NCHRP 3-62):

Intersection Configuration: Pedestrians who are blind or visually impaired use the sound or traffic moving beside them as an alignment cue and as a cue for determining when the traffic signal changes.

Signalization: The sequence of phases at a signalized intersection and other features of the signal operation, such as interval lengths and actuation-only phases, affects the ability of a blind pedestrian to determine when it is appropriate to cross.

Transit Facilities: The availability of transit facilities within proximity to an intersection will increase the likelihood of blind pedestrians, as well as sighted pedestrians, crossing at the intersection.

Distance to Facility Providing Services to Persons who are blind or Visually Impaired: The closer a facility for persons who are visually impaired is to an intersection, the more likely it is that pedestrians who are blind or visually impaired will need to cross at that intersection.

Distance to Major Pedestrian Attractions: Major pedestrian attractions include, but not limited to major shopping areas, major cultural venues, educational campuses, recreational areas and medical facilities. The closer it is to a “major attraction,” the more likely it is that pedestrians who are blind or visually impaired will need to cross at that intersection.

Railway Crossings:

The City of Winona has the Canadian Pacific railway that travels horizontally through the town. The Public Works Department determined that our ADA Transition Plan must have an inventory of compliant and non-compliant railway crossings. Compliant railway crossings must have 24" x 48" truncated domes on both sides of the crossing. The City of Winona has three compliant railway crossings compared to 16 non-compliant. Below is a list of our railway crossings:

Compliant:

- Franklin St
- Main St
- Grand St

Non-Compliant:

- Mankato Ave
- Hamilton St
- Sioux St
- South Baker St & 7th St
- 6th St (Between Jackson St & South Baker St)
- Walnut St
- 5th St & Jackson St
- Minnesota St & 10th St
- 2nd St (Between Steuben St & Chatfield St)
- Wall St (3rd-> 9th)

Cost & Time Estimate:

The city of Winona has ten non-compliant railway crossings. The city's goal is to have all railway crossings up to compliance by 2050. At an estimate of \$3,000 a crossing the total cost estimate of meeting compliance will be:

$$10 \times \$3,000 = \$30,000$$

Non-Compliant Sidewalk

The city of Winona determined that all accessible routes for pedestrians (sidewalks) should be at least the width of 5 feet. The ADA recommends a width of 5 feet for adequate travel for wheelchair-bound individuals.

The non-compliant sidewalk section is strictly for bookkeeping purposes. The homeowners or landowners pay for their sidewalk upkeep, repair, and replacement costs; however, the city's engineering department decided along with the ADA guidelines, a 5 foot wide sidewalk is necessary throughout our public's accessible route of pedestrian travel. Additionally, every year, the engineering department inspects 5% to 7% of existing sidewalks for tripping hazard defects. Provided is a list of addresses that are not compliant with this:

1. Front St
 - a. 757, 759, 763, 767, 771, 777, 779
2. 3rd St
 - a. 267, 270, 275, 301, 960, 962, 964, 966, 970, 974, 978
3. 4th St
 - a. 302, 365, 369, 378, 379, 406, 410, 463, 467, 531, 525, 521, 703, 743, 749, 769, 1159, 1205, 1206, 1217
4. 5th St
 - a. 67, 276, 328, 350, 356, 362, 374, 529, 561, 601, 650, 700, 710, 712, 714, 716, 718, 720, 724, 744, 748, 750, 752, 756, 762, 800, 816, 826, 850, 1103, 1152, 1156, 1164, 1168, 1172, 1176, 1401, 1402, 1407, 1413, 1416, 1418, 1420, 1460, 1461, 1476, 1515, 1601, 1604, 1606, 1610, 1614, 1620, 1624, 1626, 1627, 1628, 1629, 1630, 1631, 1632, 1635, 1647, 1649, 1650, 1652, 1670, 1671, 1700, 1715, 1719, 1723, 1724, 1729, 1731, 1732, 1733, 1735, 1739, 1754, 1844, 1845, 1850, 1856, 1857, 1862, 1866, 1872, 1880, 1884, 1887, 1888, 1902, 1909, 1911
5. 6th St (Broadway)
 - a. 221, 223, 227, 270, 277, 403, 562, 701, 724, 802, 923, 925, 1014, 1455, 1491
6. 7th St (Wabasha)
 - a. 277, 428, 573, 578, 579, 603, 609, 621, 652, 820, 1051,

- 7. 8th St (Sanborn)
 - a. 303, 502, 604, 1051,
- 8. 9th St (King)
 - a. 312, 527, 551, 703, 753, 777, 866, 1028, 1576
- 9. 10th St (Howard)
 - a. 301, 323, 329, 414, 416, 422, 427, 463, 479, 558, 628, 752, 920, 930, 936, 937, 940, 941, 944, 1576
- 10. 11th St (Mark)
 - a. 202, 216, 218, 417, 423, 425, 429, 467, 475, 479, 1203
- 11. 12th St (Bellevue)
 - a. 267, 425, 426, 474, 510, 515, 526, 607, 609
- 12. Gilmore Ave
 - a. 706, 716, 801, 807, 811, 815, 828, 852, 853, 858, 859, 864, 865, 866, 869, 873, 901, 902, 906, 910, 920, 924, 973, 975, 977, 979, 1009, 1013, 1015, 1017, 1021, 1023, 1025, 1061, 1067, 1071, 1075, 1079, 1103, 1111, 1117, 1125, 1150, 1159, 1168, 1170, 1172, 1175, 1213, 1214, 1215, 1224, 1251, 1259, 1265, 1275, 1301, 1319, 1323, 1405, 1429, 1435, 1441, 1455
- 13. Sarnia St
 - a. 50, 51, 55, 60, 67, 68E, 68W, 75E, 75W, 105, 110, 113, 125, 129, 162, 163, 166, 206, 216, 224, 256, 302, 350, 358, 366, 376, 420, 456, 478, 484, 496, 506, 512, 522, 526, 550, 562, 572, 576, 602, 606, 608, 610, 614, 616, 620, 625, 628, 636, 640, 651, 653, 654, 660, 666, 668, 670, 672, 676, 678, 684, 744, 752
- 14. Mill St
 - a. 115
- 15. Junction St
 - a. 275, 293, 297, 301, 327, 355, 365, 380, 454, 460, 466, 467, 468, 470, 477, 512, 525, 535, 550
- 16. Hilbert St
 - a. 353, 511
- 17. Gould St
 - a. 170, 565, 568
- 18. Cummings St
 - a. 1078
- 19. Marian St
 - a. 1065, 1067, 1068, 1074, 1075, 1079, 1080, 1085, 1086, 1090, 1091, 1093, 1094, 1098, 1101, 1102, 1105, 1109, 1110, 1114, 1115, 1118, 1121, 1123, 1124, 1129, 1130, 1134, 1135, 1138, 1139, 1145, 1149, 1153
- 20. Gale St

- a. 1063, 1066, 1069, 1072, 1073, 1078, 1079, 1082, 1083, 1088, 1089, 1093, 1099, 1103, 1107
- 21. Stone St
 - a. 102, 106, 114, 118
- 22. North Baker St
 - a. 97, 101, 105, 109, 113, 117, 121, 125
- 23. South Baker St
 - a. 422
- 24. Wilsie St
 - a. 451
- 25. Mechanic St
 - a. 213, 220
- 26. Minnesota St
 - a. 460
- 27. Garfield St
 - a. 369
- 28. Lincoln St
 - a. 545, 703
- 29. Sioux St
 - a. 266, 307, 462, 464, 618, 707
- 30. McBride St
 - a. 164
- 31. Dacota St
 - a. 457, 463, 467, 477, 502, 616, 620, 625, 627
- 32. Olmstead St
 - a. 526, 529, 559, 563, 677, 678
- 33. Grand St
 - a. 566
- 34. Wilson St
 - a. 477, 527, 603, 607, 611, 612, 702
- 35. Harriet St
 - a. 260
- 36. Huff St
 - a. 121, 161, 165, 211, 252, 254, 256, 258, 276
- 37. Winona St
 - a. 207
- 38. Main St
 - a. 60, 590, 600, 601, 606, 607, 612, 616, 622, 628
- 39. Center St
 - a. 607, 609, 628

- 40. Lafayette St
 - a. 603, 621, 626, 629
- 41. Walnut St
 - a. 625, 626, 652
- 42. Market St
 - a. 627, 656, 657
- 43. Franklin St
 - a. 630
- 44. Kansas St
 - a. 369, 424
- 45. Liberty St
 - a. 511
- 46. Laird St
 - a. 511
- 47. Hamilton St
 - a. 362, 459, 460
- 48. Carimona St
 - a. 177, 205, 213
- 49. Zumbro St
 - a. 560
- 50. St. Charles St
 - a. 700
- 51. High Forest St
 - a. 326
- 52. Mankato Ave
 - a. 627
- 53. Buchanan St
 - a. 304, 978
- 54. Adams St
 - a. 304
- 55. Lake Park Dr
 - a. 216
- 56. Service Dr
 - a. 1717
- 57. Homer Rd
 - a. 1058, 1068, 1070, 1128, 1150
- 58. Forest Oaks Dr
 - a. 56, 60
- 59. Brickyard Ln
 - a. 50, 55, 58, 59, 62, 63, 67, 70, 71, 75, 78, 79, 87, 91

- 60. College Rd
 - a. 53, 57, 61, 65, 72, 84, 85
- 61. Elm St
 - a. 362
- 62. Emherst St
 - a. 372, 373
- 63. Oak St
 - a. 363
- 64. Whitten St
 - a. 218
- 65. Sebo St
 - a. 250
- 66. Fairfax St
 - a. 153
- 67. Lenox St
 - a. 123
- 68. Maceman St
 - a. 445
- 69. Clarks Ln
 - a. 602
- 70. Park St
 - a. 1486
- 71. Orrin St
 - a. 254, 261, 266, 271, 272, 278, 286, 287, 290, 293, 294, 318, 354, 355, 361, 381, 453, 456, 463
- 72. Kramer Dr
 - a. 1606, 1610, 1620, 1628, 1656, 1660, 1664

City of Winona Grievance Procedure under the Americans with Disabilities Act (ADA)

This grievance procedure is established to meet the requirements of the Title II of the Americans with Disabilities Act of 1990 ("ADA"). Included, is the ADA grievance form for anyone who wishes to file a complaint alleging discrimination through disability by the City of Winona. The grievance must be in writing and contain information about the alleged discrimination such as name, address, phone number of complainant and location, date, and description of the issue.

The complaint must be submitted by the grievant or their designee as soon as possible, but no later than 60 calendar days after the alleged violation to:

Brian DeFrang
Department of Engineering
207 Lafayette St
Winona, MN, 55987
Phone: (507) 457-8237
Email: bdefrang@ci.winona.mn.us

The ADA Grievance Form is provided below:



City of Winona

Americans with Disabilities Act Grievance Form

Complainant Information

Name: _____

Address: _____ Apt No. _____

City: _____ State: _____ ZIP Code: _____

Phone No. _____ Other Phone: _____

Email: _____

Aggrieved Individual (If other than the Complainant)

Name: _____

Address: _____ Apt No. _____

City: _____ State: _____ ZIP Code: _____

Phone No. _____ Other Phone: _____

Email: _____

Nature of the Complaint

City Department Involved: _____ Date(s) of Occurrence: _____

Description of Violation: _____

Requested Action of City to Correct Alleged Violation: _____

Attachments Included: Yes: _____ No: _____ Type: _____

Has the complaint been filed with another bureau of the Department of Justice or any other Federal, State, or local civil rights agency or court?

Yes: _____ No: _____ If Yes: Date Filed: _____ Agency or Court: _____

Contact Person: _____ Phone No. _____

Address: _____ Apt No. _____

City: _____ State: _____ ZIP Code: _____

Do you intend to file with another agency or court?

Yes: _____ No: _____ If Yes: Agency or Court: _____

Contact Person: _____ Phone No. _____

Address: _____ Apt No. _____

City: _____ State: _____ ZIP Code: _____

Additional Comments:

Signature: _____ Date: _____

Please return form to: Brian DeFrang
Department of Engineering
207 Lafayette St
Winona, MN, 55987
Phone: (507) 457-8237
Email: bdefrang@ci.winona.mn.us