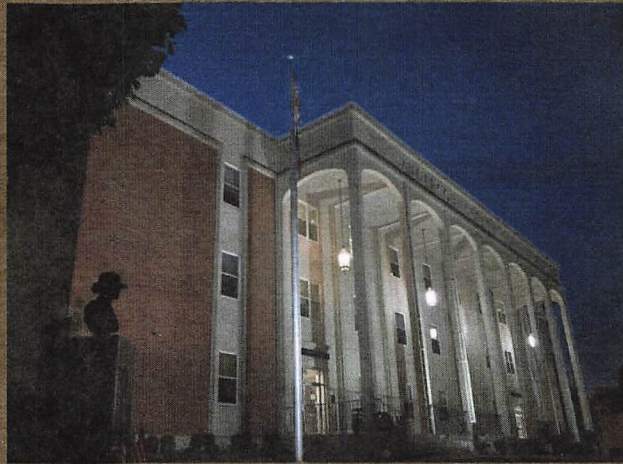


ANDERSON COUNTY ADA TRANSITION PLAN



PRESENTED TO
The Honorable Terry Frank
Mayor of Anderson County
100 North Main Street
Clinton, TN 37716

SUBMITTED BY
Cannon & Cannon, Inc.
8550 Kingston Pike
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CCI # 305-0004

..... 2019

ACKNOWLEDGEMENTS

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District 3 Commissioner:	Joshua Anderson Denver Waddell
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District 5 Commissioner:	Robert McKamey Jerry White
District 6 Commissioner:	Steve Mead Catherine Denenberg
District 7 Commissioner:	Jerry Creasey Theresa Scott
District 8 Commissioner:	Phil Yager Bob Smallridge
ADA Coordinator:	Roger Lloyd
ADA Oversight Committee:	Louise McKown, Chairperson Jerry Creasey Roger Lloyd

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SECTION I: EXECUTIVE SUMMARY

ADA TRANSITION PLAN

The Anderson County Government jointly pursued an accessibility self-evaluation and an Americans with Disabilities Act (ADA) Transition plan. The object of this action is to assess the community's state of compliance with ADA regulations, to identify needs, and to develop a plan for the transition to compliance.

In September 2017, the Anderson County Government contracted Cannon & Cannon, Inc. to provide professional consultation in an effort to ensure that transitioning to compliance was effective and efficient. Cannon & Cannon, under the supervision of the Anderson County Government provided a physical inventory of the existing infrastructure, catalogued an assessment of those conditions, developed a transition plan to meet compliance and verified that final standards, codes, policies and procedures utilized for all future projects meets or exceeds the legal requirements regarding accessibility.

This effort builds upon previous work toward ADA compliance. The Anderson County Government has made the initial steps in these efforts include naming an ADA Coordinator and developing a grievance program.

PURPOSE AND NEED

The Americans with Disabilities Act (ADA), enacted on July 26, 1990, is a civil rights law prohibiting discrimination against individuals on the basis of disability. ADA consists of five titles outlining protections in the following areas: Employment, State and Local Government Services, Public Accommodations, Telecommunications, and Miscellaneous Provisions

Title II of ADA pertains to the programs, activities, and services public entities provide. As a provider of public transportation services and programs, the Anderson County Government must comply with this section of the Act as it specifically applies to public service agencies. Title II of ADA provides that, "...no qualified individual with a disability shall, by reason of such disability, be excluded from participation in or be denied the benefits of the services, programs, or activities of a public entity, or be subjected to discrimination by any such entity." ([42 USC. Sec. 12132](#); [28 CFR. Sec. 35.130](#))

It should be noted, generally speaking, a vast majority of the United States Department of Justice lawsuits are related to electoral polling locations not in compliance. A search of the [PCA website](#) reveals that the Department of Justice has increased its litigation over the past few years substantially against Title II entities. Settlements reached by the DOJ with the various entities have increased 50% since 2012 and 36% since 2013.

Source: <https://accessology.com/doj-settlement-under-the-ada-reviews-polling-places-emergency-procedures-and-psas/>

As required by Title II of [ADA, 28 CFR, Part 35 Sec. 35.105 and Sec. 35.150](#), the Anderson County Government has conducted a self-evaluation of its facilities within public rights of way and has developed this Transition Plan detailing how the organization will ensure that all of those facilities are accessible to all individuals.

PUBLIC PARTICIPATION

The public has access to the website for any concerns or complaints related to County Services, Programs, or Facilities. This link is located on the homepage.

<http://www.anderson-county.com/disability-services-ada/>

This website page has the following:

- ADA Public Notice
- ADA Grievance Procedure
- ADA Complaint Form
- ADA Applicant Accommodation Request Form

SUMMARY OF FINDINGS

A self-evaluation was conducted for Anderson County. This process examined administrative practices and facility compliance with ADA requirements. During the self-evaluation ADA deficiencies were discovered. We estimate approximately \$275,000 in current needs. Administratively, Anderson County has an ADA Coordinator and has developed a grievance policy. We did find the need for additional ADA references in ordinances, regulations, and policies.

IMPLEMENTATION

Anderson County is in the process of removing barriers for accessibility to facilities. Anderson County has been implementing multiple ADA compliance projects at various locations since the Americans with Disabilities Act was enacted. Receipts demonstrate, since 2007, Anderson County has undertaken ADA compliance issues, expending over \$79,000.

ADA COMPLIANCE FUND AND ADA CAPITAL IMPROVEMENT PLAN (CIP)

The ADA Compliance Fund allocates funds toward resolving non-compliant findings to

remove accessibility barriers. We recommend establishing separately, an annual "ADA Compliance Fund" budget line item to provide funds for an "ADA Capital Improvement Plan" (CIP) for the next, and future annual budget cycles. The annual rate of removal is defined and adopted annually in the CIP.

Types of projects included in a typical CIP can be categorized as follows:

- Resident-requested, missing, or non-compliant curb ramps.
- Parking, access and use of public buildings for citizens with disabilities.
- Curb ramp, sidewalk and other accessibility retrofits included with other facility projects.

The pace at which ADA barriers are removed is a function of funding approved annually by the County Commission.

The Building and Grounds Department is responsible for the maintenance of county facilities. With limited funding sources, it is imperative that a reasonable approach be taken to removing accessibility barriers.

Below is the 2018/2019 Annual Budget for County Buildings, which includes ADA compliance renovations:

2018/2019 Annual Budget
101 General Fund
County Buildings
Account Number: 101 51800 791
Other Construction-Child Support
Budget: \$5,000

Source: <http://www.anderson-county.com/wp-content/uploads/2018/07/Annual-Budget-Document-FY-2018-2019.pdf>

The removal of barriers is the highest priority of the ADA CIP. Curb ramps should be installed

at all locations where they are missing and necessary for the full usage of the overall pedestrian path of travel. Older non-conforming curb ramps that pose potential hazards to wheelchair users should be repaired, upgraded, or replaced. Some of these curb ramps may be ineffective or even dangerous due to steep slopes, narrow widths, and grade transitions.

The ADA CIP should include a detailed prioritized list with items of work for facility locations. The CIP anticipates a period to achieve compliance with accessibility requirements. Additional ADA work, such as new construction and additional curb ramps beyond the CIP, will continue beyond the timeframe identified by the CIP.

Each department maintains budgets for their facilities. Typically, facility expenditures are for operations and maintenance. Several facility related items were identified in the evaluation process. The implementation of ADA related improvements will need to be coordinated. For example, several locations may require identical retrofits. It may be advantageous to have a single project to make retrofits for several locations. Furthermore, projects should be funded based on the priority. With this said, there are some low cost, lower priority, requirements that may be accelerated.



SECTION 2: ADMINISTRATIVE INFORMATION

ADA AND ITS RELATIONSHIP TO OTHER LAWS

The Anderson County Government conducted an accessibility self-evaluation and an Americans with Disabilities Act (ADA) Transition plan. The object of this action is to assess the community's state of compliance with ADA regulations, to identify needs, and to develop a plan for the transition to compliance.

In September 2017, the Anderson County Government contracted Cannon & Cannon, Inc. to provide professional consultation in an effort to ensure that transitioning to compliance was effective and efficient. Cannon & Cannon Inc., under the supervision of the Anderson County Government, provided a physical inventory of the existing infrastructure, catalogued an assessment of those conditions, developed a transition plan to meet compliance and verified that final standards, codes, policies and procedures utilized for all future projects meets or exceeds the legal requirements regarding accessibility.

This effort builds upon previous work toward ADA compliance. The Anderson County Government has made the initial steps in these efforts including naming an ADA Coordinator and developing a grievance program.

REQUIREMENTS

Under Title II, the Anderson County Government must meet these general requirements:

- Must operate their programs so that, when viewed in their entirety, the programs are accessible to and useable by individuals with disabilities [28 C.F.R. Sec. 35.150](#).
- May not refuse to allow a person with a disability to participate in a service,

program or activity simply because the person has a disability [28 C.F.R. Sec. 35.130 \(a\)](#).

- Must make reasonable modifications in policies, practices and procedures that deny equal access to individuals with disabilities unless a fundamental alteration in the program would result [28 C.F.R. Sec. 35.130\(b\) \(7\)](#).
- May not provide services or benefits to individuals with disabilities through programs that are separate or different unless the separate or different measures are necessary to ensure that benefits and services are equally effective [28 C.F.R. Sec. 35.130\(b\)\(iv\) & \(d\)](#).
- Must take appropriate steps to ensure that communications with applicants, participants and members of the public with disabilities are as effective as communications with others [29 C.F.R. Sec. 35.160\(a\)](#).
- Must designate at least one responsible employee to coordinate ADA compliance [28 CFR Sec. 35.107\(a\)](#). This person is often referred to as the "ADA Coordinator." The public entity must provide the ADA coordinator's name, office address, and telephone number to all interested individuals.
- Must provide notice of ADA requirements. All public entities, regardless of size, must provide information about the rights and protections of Title II to applicants, participants, beneficiaries, employees, and other interested persons [28 CFR Sec. 35.106](#). The notice must include the identification of the employee serving as the ADA coordinator and must provide this information on an ongoing basis [28 CFR Sec. 104.8\(a\)](#).

SECTION 2

ADMINISTRATIVE INFORMATION

- Must establish a grievance procedure. Public entities must adopt and publish grievance procedures providing for prompt and equitable resolution of complaints [28 CFR Sec. 35.107\(b\)](#). This requirement provides for a timely resolution of all problems or conflicts related to ADA compliance before they escalate to litigation and/or the federal complaint process.

THE COMMITMENT BY ANDERSON COUNTY

In addressing the Purpose and Need of meeting accessibility needs and fulfilling the necessary requirements, the Anderson County Government developed and is implementing an ADA Transition Plan that incorporates three primary focal points:

1. *Fiscal Responsibility*

The citizens of Anderson County deserve the respect that all funds used in the development and implementation of the ADA transition plan will utilize the most ethical and cost-effective means to meet the plans goals.

2. *Full Accessibility*

Anderson County's citizens represent a diverse group of people with different strengths and different challenges. We recognize that the community's diversity is both cherished and respected. And as such, it will be reflected in the plan's outlined improvements to accessibility.

3. *"For the People" Mentality*

This Transition Plan is not designed to serve as a simple checklist to document compliance. It is a sincere effort to provide better "customer service" to the people by improving accessibility.

During the transition and throughout future policies and approaches, the focus will remain on seeking ways to better serve our citizens.

STATEMENT OF ACCESSIBILITY

It is a practical impossibility to ensure that every service, program, or activity can provide full accessibility for every conceivable disability. However, the Anderson County Government is committed to making reasonable modifications in policies, practices, or procedures when it's necessary to avoid discrimination on the basis of disability. However, some modifications are not feasible if it is demonstrated that by doing so it would fundamentally alter the nature of the service, program, or activity. The Anderson County Government will not place surcharges on individuals with disabilities to cover the cost involved in making programs accessible.



SECTION 3: FACILITY ASSESSMENT

OVERVIEW

The Anderson County Government is required, under Title II of the Americans with Disabilities Act (ADA) and 28CFR35.105, to perform a self-evaluation of its current transportation infrastructure policies, practices, and programs. This will identify how current policies and practices impact accessibility and assess whether or not any of them adversely affect reasonable accommodation of individuals with disabilities. In addition to the policy review, field compliance assessments were conducted along roadway and around and within facilities to document the state of compliancy.

A common problem in many jurisdictions is the lack of an unimpeded path of travel, or Pedestrian Access Route (PAR), that meets accessibility standards and goals. The self-evaluation examines this route and identifies potential PAR improvements. This includes primarily parking spaces, ramps, sidewalks, doorway access, service counters, signage, and restrooms. The Transition Plan will identify existing barriers to accessibility and any necessary mitigation or re-construction to provide a compliant PAR.

This Transition Plan is a dynamic document that incorporates that is updated on a regular basis charting progress until all accessibility barriers are removed. The Plan is designed to achieve the following:

- a) Identify barriers that limit the accessibility of public services
- b) Describe methods to make the services accessible
- c) Provide a prioritized schedule for modifications

- d) Identify the individuals who have been designated to oversee the implementation of the Transition Plan

- e) Remove complete ADA activities from pending projects.

It should be noted that accessibility is not only for individuals with needs related to mobility disabilities, but also for individuals with needs related to speech, cognitive, vision and hearing disabilities. There are many potential barriers to accessibility of County services.

METHODOLOGY

As part of the assessment, two major components were evaluated, Administrative practices and public buildings/facilities. The methodology of assessment for each component is described below. Additionally, potential solutions were determined as well as programmatic budget numbers for the type of construction.

A prioritization system was developed to help prioritize ADA projects. Variables considered include existence of barriers, requests by citizens with disabilities, proximity to public buildings, and level of priority.

Administrative

As part of the self-evaluation, programs, policies, and standards were evaluated. The assessment included the review of these programs and documents for coverage of basic ADA requirements. Deficiencies were noted and suggested corrective actions were noted.

Even though all designs will implement the most up-to-date codes and standards, it is equally important that the construction of these designs are constructed according to all applicable codes, ADA standards, and best practices, including PROWAG. Therefore, it is

essential that for the success of an effective compliance program that construction activities will be monitored, documented, and reported in a detailed and consistent manner.

Buildings and Facilities

A thorough evaluation was conducted for a multiple agency owned and/or used buildings and facilities. Each location was inspected based on the "ADA Checklist for Existing Facilities" produced by the Institute for Human Centered Design. The checklist was developed into a database and data collection took place in the field on table computers. Furthermore, the checklist was broken up into levels of priority including:

Priority 1: Accessible approach and entrance

Priority 2: Access to goods and services

Priority 3: Access to public toilet rooms

Priority 4: Access to other items such as water fountains and public telephones.

Right-of-Way

Anderson County owns one sidewalk section at Briceville Elementary School. This section was built to ADA standards with TDOT Safe Routes to School funds.

Field Assessment Summary

In the summer/fall of 2018, Cannon and Cannon, Inc. conducted an inventory and compliance assessment of public facilities providing a service and polling locations maintained by Anderson County consisting of the evaluation of the following facilities:

- Anderson County High School Polling Location
- Andersonville Elem. School Polling Location
- Briceville Elem. School Polling Location
- Briceville Public Library
- Claxton Community Center Polling Location
- Claxton Elem. School Polling Location

- Clerk and Trustees Office (Anderson Crossing Shopping Center)
- Clinton Community Center Polling Location
- Clinton High School Polling Location
- Clinton Middle School Polling Location
- Courthouse
- Detention Facility
- Dutch Valley Elem. School Polling Location
- EMS Headquarters
- Fairview Elem. School Polling Location
- Glenwood Elem. School Polling Location
- Grand Oaks Elem. School Polling Location
- Health Department
- Hendrix Creek Dickens Bldg. Polling Location
- Jefferson Middle School Polling Location
- Lake City Community Center Polling Location
- Lake City Middle School Polling Location
- Larry Dickens Building
- Linden Elem. School Polling Location
- Midtown Community Center Polling Location
- National Guard Armory Polling Location
- Norris Community Center Polling Location
- Norwood Middle School Polling Location
- Oak Ridge Municipal Building Polling Location
- Robert Jolley Building
- Robertsville Middle School Polling Location
- School Administration Bldg. Polling Location
- Scotty Phillips Grocery Polling Location
- South Clinton Elem. School Polling Location
- Welcome Center
- Woodland Elem. School Polling Location

Library facilities not owned by Anderson County. Source:

Clinton Library	(Book O-11, Page 100)
Norris Library	(Book 1007, Page 796)
Rock Top Library	(Book H-16, Page 721)

A detailed assessment of these facilities can be found in [Appendix A](#). The list of projects will be updated periodically and will be updated with needed corrections.

SECTION 4: ADMINISTRATIVE REVIEW – CODES, POLICIES, PRACTICES, AND DESIGN/CONSTRUCTION GUIDELINES

OVERVIEW

Agency Codes, Policies, and Practices can have a significant impact on citizens with disabilities. As a result, these items have been reviewed as part of the ADA self-assessment. This section describes items reviewed, suggestions for improvement, and additional policy recommendations.

CODES, POLICIES, AND PRACTICES

A review of Codes was conducted. A primary concern was the presence of an ADA Coordinator and the existence of an ADA Grievance Policy. The objective is to ensure that new or rehabilitated construction is ADA compliant. Additionally, documents such as Human Resources policies and Subdivision requirements were reviewed. While residential subdivisions with sidewalk in Anderson County are non-existent, the Subdivision Regulations were reviewed for required ADA compliant infrastructure. Properly designed and inspected developments save the respective agency from inheriting liability for non-compliant construction.

Documents reviewed for the Anderson County Government include the following:
Anderson County Human Resource Handbook
<http://www.anderson-county.com/wp-content/uploads/2015/05/Employee-Handbook.pdf>

RECOMMENDATIONS

The following is a list of recommended actions to consider:

Anderson County Subdivision Regulations- Adopted July 2017
<http://www.anderson-county.com/wp-content/uploads/2017/07/2017-Anderson-County-Subdivision-Regs.pdf>

1. ARTICLE III – GENERAL REQUIREMENTS AND MINIMUM STANDARDS OF DESIGN, Section N – Sidewalks
 - a. Add reference to ADA Requirements. Suggest wording to the effect of “All Sidewalks and curb ramps shall be ADA compliant as described in the latest edition of the PROWAG.” Ideally basic PROWAG requirements would be discussed.
2. ARTICLE V – ENFORCEMENT AND PENALTIES FOR VIOLATION, Section A – Enforcement
 - a. Add wording to include the enforcement of ADA requirements
3. ARTICLE V – ENFORCEMENT AND PENALTIES FOR VIOLATION, Section B – Penalties
 - a. Add a fee structure for penalties for missing or non-compliant work related to ADA/PROWAG compliance.
4. APPENDIX B – CONCRETE CURBING, AND SIDEWALKS
 - a. New section to reflect ADA standards. At a minimum, we suggest adding TDOT Standard Drawings for Sidewalk, Curbs, Ramps, and Drive Entrance.

Disability Discrimination Policy and Grievance Procedure
<http://www.anderson-county.com/disability-services-ada/>

No recommendations.

SECTION 4

ADMINISTRATIVE REVIEW

This Policy and Procedure is easily found on the County's website home page.

Anderson County Government Application Accommodation Request

<http://www.anderson-county.com/disability-services-ada/>

No recommendations.

Website and General Communication

1. The Anderson County Government website should be evaluated by a qualified person to check accessibility, known as "web content accessibility". The Web Content Accessibility Guidelines (WCAG) are part of a series of web accessibility guidelines published by the Web Accessibility Initiative (WAI) of the World Wide Web Consortium (W3C), the main international standards organization for the Internet. They are a set of recommendations for making Web content more accessible, primarily for people with disabilities—but also for all user agents, including highly limited devices, such as mobile phones.
2. The County should provide TTY services for citizens with hearing impairment.

Policy

The Anderson County's goal is to continue to provide accessible pedestrian design features as part of the CIP budgets. The agency has established ADA design standards and procedures as listed in Appendix F. These standards and procedures will be kept up to date with nationwide and local best management practices.

The agency will consider and respond to all accessibility improvement requests. All accessibility improvements that have been deemed reasonable will be scheduled consistent with transportation priorities. The agency will coordinate with external agencies to ensure that all new or altered pedestrian facilities within the agency jurisdiction are ADA compliant to the maximum extent feasible.

Requests for accessibility improvements can be submitted to the ADA Coordinator for the Anderson County Government. Contact information for ADA Coordinator is located in Appendix E.



DESIGN/CONSTRUCTION GUIDELINES

A vital component of an effective ADA program is to ensure that newly constructed infrastructure is compliant with ADA standards. Typically, there are a number of existing non-complaint ADA concerns facing local governments. Well established and documented construction standards is a necessity. Without established and monitored construction practices, the odds the agency accepting non-complaint construction is greatly increased. When this happens, the agencies' compliance burden is greatedened.

Anderson County Government recognizes the following guidelines:

- ADA Accessibility Guidelines for Buildings and Facilities (ADAAG); U.S. Architectural and Transportation Barriers Compliance Board (Access Board), Appendix A to Part 1191, <https://www.access-board.gov/guidelines-and-standards/buildings-and-sites/about-the-ada-standards/background/adaag>
- Proposed Accessibility Guidelines for Pedestrian Facilities in Public Right-of-Way, (PROWAG); U.S. Access Board, <https://www.access-board.gov/guidelines-and-standards/streets-sidewalks/public-rights-of-way>
- Tennessee Department of Transportation (TDOT) standard drawings is a means to aide in the establishment of construction standards. TDOT standard drawings are included in Appendix F. <https://www.tn.gov/content/tn/tdot/roadway-design/standard-drawings-library/standard-roadway-drawings/multimodal.html>

Below are a few concepts that should be considered with revisions to existing design standards.

Intersection Corners

Curb ramps or blended transitions will attempt to be constructed or upgraded to achieve compliance within all capital improvement projects. There may be limitations which make it technically infeasible for an intersection corner to achieve full accessibility within the scope of any project. Those limitations will be noted and those intersection corners will remain on the transition plan. As future projects or opportunities arise, those intersection corners shall continue to be incorporated into future work. Regardless if full compliance can be achieved or not, each intersection corner shall be made as compliant as possible in accordance with the judgment of County staff.

Sidewalks / Trails

Sidewalks and trails will attempt to be constructed or upgraded to achieve compliance within all capital improvement projects. There may be limitations which make it technically infeasible for segments of sidewalks or trails to achieve full accessibility within the scope of any project. Those limitations will be noted and those segments will remain on the transition plan. As future projects or opportunities arise, those segments shall continue to be incorporated into future work. Regardless if full compliance can be achieved or not, every sidewalk or trail shall be made as compliant as possible in accordance with the judgment of County staff.

Traffic Control Signals

Traffic control signals will attempt to be constructed or upgraded to achieve compliance within all capital improvement projects. There may be limitations which make it technically infeasible for individual traffic control signal locations to achieve full accessibility within the scope of any project.

SECTION 4

ADMINISTRATIVE REVIEW

Those limitations will be noted and those locations will remain on the transition plan. As future projects or opportunities arise, those locations shall continue to be incorporated into future work. Regardless if full compliance can be achieved or not, each traffic signal control location shall be made as compliant as possible in accordance with the judgment of County staff.

Other policies, practices and programs

Policies, practices and programs not identified in this document will follow the applicable ADA standards.



SECTION 5: CAPITAL IMPROVEMENT PLAN (CIP) SCHEDULE

PRIORITY AREAS

The Anderson County Government has identified specific locations as priority areas for accessibility improvement projects. The priority for improvements is based on the following weighted factors:

- Existence of barriers – the location has a physical barrier for accessibility by citizens with disabilities
- Prioritization Level based on the Institute for Human Center Design ADA Checklist.
- Constructability – relative measure of the relative ability to construct improvements.
- Pedestrian Routes – project will improve accessibility along established pedestrian routes or locations frequently used by pedestrians.
- Public Input – Has improvements been requested by citizen/s with disabilities.

Facility improvements for Anderson County Government are based on the priority ratings established with the ADA Self-Evaluation. Additionally, public input from citizens should also be a consideration in the prioritization and establishment of ADA projects.

EXTERNAL AGENCY COORDINATION

Other agencies are responsible for pedestrian facilities within the jurisdiction of the Anderson County Government. The City will coordinate with those agencies to track and assist in the facilitation of the elimination of accessibility barriers along their routes

CIP ADA EXPENDITURE SCHEDULE

The Anderson County Government shall annually establish a schedule for improving the accessibility of its facilities. A schedule, on an annual expenditure basis to address the non-compliance findings is provided in Appendix B.

IMPLEMENTATION SCHEDULE METHODOLOGY

The Anderson County Government will utilize the priority system developed by the Institute for Human Centered Design ADA Checklist for upgrading facilities to the current ADA standards. High priority projects will be incorporated into the Capital Improvement Program (CIP) on a case by case basis as determined by Anderson County Government officials. The CIP, which includes a schedule and budget for specific improvements, will be approved by the elected body. A listing to accessibility needs can be found in Appendix B.

FY 2020/2021 CIP ADA EXPENDITURE

Anderson County is currently committing \$18,000 to the fiscal year budget.

In addition, the Anderson County School System is committing \$15,000 per year over the next five (5) years to their budget.

Total planned budget to improve accessibility is \$33,000 for FY 2020/2021.

SECTION 6: PUBLIC PARTICIPATION AND INPUT

ADA COORDINATOR

In accordance with 28 CFR 35.107(a), the Anderson County Government has identified an ADA Title II Coordinator to oversee the policies and procedures. Contact information for this individual is located in Appendix E.

Public Outreach efforts have included the following items:

1. ADA Oversight Committee
2. Grievance Procedure (available on the website)

Anderson County recognizes that public participation is an important component in an effective ADA program. Input from the community will continue to be gathered to further help define priority areas for improvements within these jurisdictions.

This document will also be available for public comment. A summary of comments received and detailed information regarding the public outreach activities will be located in Appendix C.

Anderson County has a history of addressing accessibility issues for individuals with disabilities. In November of 1984, Anderson County formed the "Handicapped Access Committee" for the purpose of operating facilities and constructing future facilities in a "manner readily accessible to handicapped persons" and to operate programs in a "nondiscriminatory manner." From there, the Committee changed its name to the ADA Oversight Committee and minutes from April 1995 indicate the formation of the first plan of action to self-evaluate and address barriers. This committee, a source of public input, evaluates accessibility concerns.

GRIEVANCE PROCEDURE

Under the Americans with Disabilities Act, each agency is required to publish its responsibilities in regards to the ADA. If users of Anderson County's facilities, services, and programs believes the county has not provided reasonable accommodation, they have the right to file a grievance.

In accordance with 28 CFR 35.107(b), the County has developed a grievance procedure for the purpose of the prompt and equitable resolution of citizens' complaints, concerns, comments, and other grievances. A grievance procedure is listed in Appendix D.

Anderson County Government publicly notices all of its ADA Committee meetings encouraging public participation. The committee has met quarterly in the past, but moved to monthly meetings during the years of self-assessment and development of a transition plan. In addition to posting the County's ADA Transition Plan to the website, www.anderson-county.com, the plan has been referenced and discussed at multiple ADA Committee meetings and regular sessions of the Anderson County Board of Commissioners. Earlier this year, a press release pertaining to the Anderson County ADA Transition Plan also was published in local media outlets, in print and electronic formats, as well as local radio broadcasts. The press release not only reminded the general public of the Plan's existence, but also sought feedback pertaining to the document. Members of the ADA Oversight Committee have also reached out to various agencies and individuals with disabilities for input, for review of our website, for comments.

SECTION 7: MONITORING AND STATUS REPORTING

This document will continue to be updated as conditions within the Anderson County Government evolve. The appendices in this document will be updated periodically, while the main body of the document will be updated less frequently (within three to five years) with a future update schedule to be developed at that time. With each main body update, a public comment period will be established to continue the public outreach.

A tracking system for ADA improvements was developed. Staff should update the database as project locations receive corrective actions. By eliminating completed projects, the database will not assign corrective action to completed projects. Additionally, the County should update line item unit price estimates. We recommend the periodic data entry and cost estimate information is completed in ample time for the annual budget. Likewise, the database should be used with facility rehabilitation projects.



APPENDICES

- A. Self-Evaluation Summary and Data
- B. Cost Information / CIP Expenditure Schedule
- C. Public Outreach
- D. Grievance Procedure
- E. Contact Information
- F. Agency ADA Design Procedures and Standards
- G. Disability and Impairment Concepts, Definitions
- H. Glossary of Terms

APPENDIX A: ASSESSMENT SUMMARY AND DATA

This initial self-evaluation of pedestrian facilities yielded the following results:

Anderson County

- 35 Facilities

FINDINGS SUMMARY

Anderson County Government

A total self-evaluation included:

Priority 1 – 160 Issues

Priority 2 – 45 Issues

Priority 3 – 33 Issues

Priority 4 – 3 Issues

DETAILED FACILITY ASSESSMENT DATA

(Following Page)

Facility	Category	Priority	Deficiency	Notes	Location(s)	Correction	Severity	Cost / Each	Quantity	Cost
Anderson County High School Polling Location	Parking	1	Striping & Symbols	Reconfigure by repainting lines & symbols		Striping	Medium	\$ 750	1	\$ 750
Anderson County High School Polling Location	Signs	1	Installation	Install, reposition, or relocate signs		Signage: Add or Replace	Low	\$ 100	1	\$ 100
Anderson County High School Polling Location	Exterior Accessible Route	1	Grade / Slope	Regrade to maximum slope or flatter.		Ramps	Low	\$ 1,500	1	\$ 1,500
Anderson County High School Polling Location	Ramps - Curb	1	Grade / Slope	Reconfigure Ramp		Ramps	Low	\$ 1,500	1	\$ 1,500
Anderson County High School Polling Location	Entrance	1	Accessible	Replace or reconfigure door hardware		Hardware	Medium	\$ 375	1	\$ 375
Andersonville Elementary School Polling Location	Exterior Accessible Route	1	Grade / Slope	Regrade surface		Pavement	Low	\$ 3,750	1	\$ 3,750
Briceville Elementary School Polling Location	Parking	1	Striping & Symbols	Reconfigure by repainting lines & symbols		Striping	Medium	\$ 750	1	\$ 750
Briceville Elementary School Polling Location	Exterior Accessible Route	1	Grade / Slope	Regrade surface		Pavement	Low	\$ 3,750	1	\$ 3,750
Briceville Elementary School Polling Location	Signs	1	Installation	Install, reposition, or relocate signs		Signage: Add or Replace	Low	\$ 100	1	\$ 100
Briceville Elementary School Polling Location	Ramps - Curb	1	Grade / Slope	Reconfigure Ramp		Ramps	Low	\$ 1,500	1	\$ 1,500
Briceville Elementary School Polling Location	Entrance	1	Clearance - Horizontal	Replace or reconstruct entrance for clear space and slope		Entry Construction	Medium	\$ 1,500	1	\$ 1,500
Briceville Public Library	Parking	1	Striping & Symbols	Reconfigure by repainting lines & symbols		Striping	Medium	\$ 750	1	\$ 750
Briceville Public Library	Exterior Accessible Route	1	Grade / Slope	Regrade surface		Pavement	Low	\$ 3,750	1	\$ 3,750
Briceville Public Library	Exterior Accessible Route	1	Non-Compliant Specifications	Replace Grate		Hardware	High	\$ 750	1	\$ 750
Briceville Public Library	Exterior Accessible Route	1	Grade / Slope	Regrade to maximum slope or flatter.		Ramps	Low	\$ 1,500	1	\$ 1,500
Claxton Community Center Polling Location	Parking	1	Striping & Symbols	Reconfigure by repainting lines & symbols		Striping	Medium	\$ 750	1	\$ 750
Claxton Community Center Polling Location	Exterior Accessible Route	1	Grade / Slope	Regrade surface		Pavement	Low	\$ 3,750	1	\$ 3,750
Claxton Community Center Polling Location	Signs	1	Installation	Install, reposition, or relocate signs		Signage: Add or Replace	Low	\$ 100	1	\$ 100
Claxton Community Center Polling Location	Exterior Accessible Route	1	Grade / Slope	Regrade to maximum slope or flatter.		Ramps	Low	\$ 1,500	1	\$ 1,500
Claxton Community Center Polling Location	Ramps - Curb	1	Grade / Slope	Reconfigure Ramp		Ramps	Low	\$ 1,500	1	\$ 1,500
Claxton Community Center Polling Location	Ramps - General	1	Equipment	Install compliant handrail		Hardware	High	\$ 750	1	\$ 750
Claxton Community Center Polling Location	Entrance	1	Accessible	Replace or reconfigure door hardware		Hardware	Medium	\$ 375	1	\$ 375
Claxton Elementary School Polling Location	Exterior Accessible Route	1	Grade / Slope	Regrade surface		Pavement	Low	\$ 3,750	1	\$ 3,750
Claxton Elementary School Polling Location	Entrance	1	Clearance - Horizontal	Replace or reconstruct entrance for clear space and slope		Entry Construction	Medium	\$ 1,500	1	\$ 1,500
Claxton Elementary School Polling Location	Entrance	1	Accessible	Replace or reconfigure door hardware		Hardware	Medium	\$ 375	1	\$ 375
Clerk and Trustees Office (Norris/Andersonville)	Exterior Accessible Route	1	Grade / Slope	Regrade surface		Pavement	Low	\$ 3,750	1	\$ 3,750
Clerk and Trustees Office (Norris/Andersonville)	Ramps - Curb	1	Grade / Slope	Reconfigure Ramp		Ramps	Low	\$ 1,500	1	\$ 1,500
Clerk and Trustees Office (Norris/Andersonville)	Entrance	1	Accessible	Replace or reconfigure door hardware		Hardware	Medium	\$ 375	1	\$ 375
Clinton Community Center Polling Location	Parking	1	Striping & Symbols	Reconfigure by repainting lines & symbols		Striping	Medium	\$ 750	1	\$ 750
Clinton Community Center Polling Location	Exterior Accessible Route	1	Grade / Slope	Regrade surface		Pavement	Low	\$ 3,750	1	\$ 3,750
Clinton Community Center Polling Location	Exterior Accessible Route	1	Grade / Slope	Create accessible route or relocate accessible space		Pavement	Low	\$ 3,750	1	\$ 3,750

Facility	Category	Priority	Deficiency	Notes	Location(s)	Correction	Severity	Cost / Each	Quantity	Cost
Clinton Community Center Polling Location	Exterior Accessible Route	1	Grade / Slope	Regrade to maximum slope or flatter.		Ramps	Low	\$ 1,500	1	\$ 1,500
Clinton Community Center Polling Location	Entrance	1	Clearance - Horizontal	Replace or reconstruct entrance for clear space and slope		Entry Construction	Medium	\$ 1,500	1	\$ 1,500
Clinton High School Polling Location	Exterior Accessible Route	1	Grade / Slope	Regrade surface		Pavement	Low	\$ 3,750	1	\$ 3,750
Clinton High School Polling Location	Exterior Accessible Route	1	Grade / Slope	Regrade to maximum slope or flatter.		Ramps	Low	\$ 1,500	1	\$ 1,500
Clinton High School Polling Location	Ramps - Curb	1	Grade / Slope	Reconfigure Ramp		Ramps	Low	\$ 1,500	1	\$ 1,500
Clinton High School Polling Location	Entrance	1	Clearance - Horizontal	Replace or reconstruct entrance for clear space and slope		Entry Construction	Medium	\$ 1,500	1	\$ 1,500
Clinton Middle School Polling Location	Exterior Accessible Route	1	Grade / Slope	Regrade surface		Pavement	Low	\$ 3,750	1	\$ 3,750
Clinton Middle School Polling Location	Exterior Accessible Route	1	Grade / Slope	Regrade to maximum slope or flatter.		Ramps	Low	\$ 1,500	1	\$ 1,500
Clinton Middle School Polling Location	Ramps - Curb	1	Grade / Slope	Reconfigure Ramp		Ramps	Low	\$ 1,500	1	\$ 1,500
Clinton Middle School Polling Location	Entrance	1	Clearance - Horizontal	Replace or reconstruct entrance for clear space and slope		Entry Construction	Medium	\$ 1,500	1	\$ 1,500
Clinton Middle School Polling Location	Entrance	1	Accessible	Replace or reconfigure door hardware		Hardware	Medium	\$ 375	1	\$ 375
Courthouse	Exterior Accessible Route	1	Grade / Slope	Regrade surface		Pavement	Low	\$ 3,750	1	\$ 3,750
Courthouse	Exterior Accessible Route	1	Grade / Slope	Regrade to maximum slope or flatter.		Ramps	Low	\$ 1,500	2	\$ 3,000
Courthouse	Ramps - Curb	1	Grade / Slope	Reconfigure Ramp		Ramps	Low	\$ 1,500	1	\$ 1,500
Courthouse	Ramps - General	1	Equipment	Install compliant handrail		Hardware	High	\$ 750	1	\$ 750
Courthouse	Signs	2	Location	Relocate signs as needed to latch side of doorway and with the tactile portion of the sign centered at least 18" from arc of door swing.	Multiple. Check all for compliance.	Relocate/Reinstall Items	Low	\$ 75	1	\$ 75
Courthouse	Signs	2	Non-Compliant Specifications	Replace all signs that do not have text characters contrasting with background and/or do not have raised text characters or braille.	Multiple. Check all for compliance.	Signage: Add or Replace	Medium	\$ 200	1	\$ 200
Courthouse	Interior Doors	2	Clearance - Horizontal	Door does not have at least 18" of maneuvering space beyond the latch. Install automatic door opener.	Code Enforcement, Dept. of Finance	Equipment	Medium	\$ 1,500	2	\$ 3,000
Courthouse	Interior Doors	2	Door Handles	Replace with compliant handle.	Veteran Service Office Waiting Room	Hardware	Low	\$ 150	1	\$ 150
Courthouse	Interior Doors	2	Non-Compliant Specifications	Adjust/Replace Closers to meet maximum 5lb force requirement and ensuring at least 5 seconds elapse before door closes.	Anderson County Veteran's Office, Room 101, Mayor's Office, Dept. of Finance, Purchasing, Room 206, Room 213, General Sessions Court, Chancery Court	Hardware	Low	\$ 150	10	\$ 1,500
Courthouse	Sales & Service Counters	2	Height	Reconstruct counters to meet 36" maximum height and 17-25" of clear floor space extending under the length of the counter.	County Trustee, Purchasing, Veteran's Office, Property Assessor, Register of Deeds, General Sessions Court Clerk, Circuit Court plus two additional locations.	Interior Construction	Low	\$ 3,000	9	\$ 27,000
Courthouse	Rooms and Spaces	2	Installation	Carpet shall be secured at edges. Re-install to secure.	Mayor's Reception Area	Relocate/Reinstall Items	Medium	\$ 150	1	\$ 150
Courthouse	Accessible Route	2	Obstructions to Path	Add tactile warning at drinking fountain or remove drinking fountain to eliminate excessive obstruction if	Primary Interior Route	Relocate/Reinstall Items	Low	\$ 75	1	\$ 75

Facility	Category	Priority	Deficiency	Notes	Location(s)	Correction	Severity	Cost / Each	Quantity	Cost
Courthouse	Interior Doors	2	Width	Replace door(s) so that door opening width is at least 32" clear when the door is open 90 degrees. Ensure all handles, closers and other related hardware and signage comply with ADA standards. Narrow double doors may need to be replaced with wide single doors.	Circuit Court (Inner and Outer Doors)	Door Replacement	Medium	\$ 1,000	2	\$ 2,000
Courthouse	Accessible Route	2	Clearance - Horizontal	Reorganization or removal of materials and furniture to provide clear space.	Child Support Room, General Sessions Court	Relocate/Reinstall Items	High	\$ 300	2	\$ 600
Courthouse	Controls	2	Height	Relocate light switches to be no higher than 48" above the floor.	Child Support Room	Relocate/Reinstall Items	High	\$ 300	1	\$ 300
Courthouse	Controls	2	Clearance - Horizontal	Relocate furniture or other objects to maintain at least a clear area of 30"x48" to access light switches.	Child Support Room, Circuit Court	Relocate/Reinstall Items	Low	\$ 75	2	\$ 150
Courthouse	Floor Surface	2	Slip Resistance	Replace or cover floor surface to achieve a stable, firm and slip resistant surface.	Circuit Court	Interior Construction	Low	\$ 3,000	1	\$ 3,000
Courthouse	Seating - Assembly	2	Designated Wheelchair Spaces	Relocate, remove or replace furniture to provide a minimum of (2) wheelchair spaces with compliant space.	Child Support Hearing	Relocate/Reinstall Items	High	\$ 300	1	\$ 300
Courthouse	Seating - Assembly	2	Height	Replace desk/seat/counter with appropriate dimensions for wheelchair access.	Traffic School	Equipment	Low	\$ 750	1	\$ 750
Courthouse	Interior Doors	3	Clearance - Horizontal	Door does not have at least 18" of maneuvering space beyond the latch. Relocate items/equipment to allow clear space.	Purchasing, Room 213, General Sessions Court	Relocate/Reinstall Items	Low	\$ 75	3	\$ 225
Courthouse	Signs	3	Location	Relocate signs as needed to latch side of doorway and with the tactile portion of the sign centered at least 18" from arc of door swing.	1st Floor Men's, 1st Floor Women's, 2nd Floor Unisex, 2nd Floor Men's, 3rd Floor Unisex	Relocate/Reinstall Items	Low	\$ 75	5	\$ 375
Courthouse	Toilet Room - Equipment	3	Height	Relocate sink at appropriate height.	1st Floor Men's, 1st Floor Women's, 2nd Floor Men's, 3rd Floor Unisex	Equipment	Low	\$ 750	4	\$ 3,000
Courthouse	Toilet Room - Equipment	3	Location	Relocate toilet from 16"-18" from side wall.	1st Floor Men's, 1st Floor Women's, 2nd Floor Unisex, 2nd Floor Men's, 3rd Floor Unisex	Relocate/Reinstall Items	Medium	\$ 150	5	\$ 750
Courthouse	Toilet Room - Equipment	3	Location	Relocate dispensers, grab bars according to guidelines	1st Floor Men's, 1st Floor Women's, 2nd Floor Unisex, 2nd Floor Men's, 3rd Floor Unisex	Relocate/Reinstall Items	Medium	\$ 150	5	\$ 750
Courthouse	Interior Doors	3	Clearance - Vertical	Replace entry threshold Reconstruct walls to accommodate appropriate width for wheelchair access.	2nd Floor Unisex	Hardware	Medium	\$ 375	1	\$ 375
Courthouse	Drinking Fountains	3	Accessible	Reinstall drinking fountains at compliant height.	1st, 2nd and 3rd Floor drinking fountains	Interior Construction	Low	\$ 3,000	3	\$ 9,000
Detention Facility	Exterior Accessible Route	1	Grade / Slope	Regrade to maximum slope or flatter.		Ramps	Low	\$ 1,500	1	\$ 1,500
Dutch Valley Elementary School Polling Location	Exterior Accessible Route	1	Grade / Slope	Regrade to maximum slope or flatter.		Ramps	Low	\$ 1,500	1	\$ 1,500
Dutch Valley Elementary School Polling Location	Ramps - Curb	1	Grade / Slope	Reconfigure Ramp		Ramps	Low	\$ 1,500	1	\$ 1,500
Dutch Valley Elementary School Polling Location	Entrance	1	Accessible	Replace or reconfigure door hardware		Hardware	Medium	\$ 375	1	\$ 375
EMS Headquarters	Interior Accessible Route	2	Accessible	Multiple substantial deficiencies in width of doorway, pathway.	Primary Interior Route	Entry Construction	High	\$ 3,000	1	\$ 3,000
EMS Headquarters	Interior Accessible Route	2	Clear Space	Stairs encroach on full width.	Primary Interior Route	Interior Construction	High	\$ 12,000	1	\$ 12,000

Facility	Category	Priority	Deficiency	Notes	Location(s)	Correction	Severity	Cost / Each	Quantity	Cost
EMS Headquarters	Interior Accessible Route	2	Clear Space	Reorganization of materials and furniture to provide clear space.	Primary Interior Route	Equipment	Medium	\$ 1,500	1	\$ 1,500
EMS Headquarters	Interior Accessible Route	2	Clear Space	Electrical panel is obstruction.	Primary Interior Route	Equipment	High	\$ 3,000	1	\$ 3,000
EMS Headquarters	Toilet Rooms	3	Clear Space	Replace with door/frame that swings outward, or reconstruct bathroom to increase dimensions to allow sufficient space with inward turning door. Include ADA compliant door hardware.	Restroom	Entry Construction	Medium	\$ 1,500	1	\$ 1,500
EMS Headquarters	Signs	3	Missing	Install compliant signs	Restroom	Signage: Add or Replace	Medium	\$ 200	1	\$ 200
EMS Headquarters	Toilet Room - Equipment	3	Height	Install mirror at appropriate height. Install compliant grab bar.	Restroom	Equipment	Low	\$ 750	1	\$ 750
EMS Headquarters	Toilet Room - Equipment	3	Installation	Insulate pipes under sink.	Restroom	Hardware	Low	\$ 150	1	\$ 150
EMS Headquarters	Toilet Room - Equipment	3	Location	Relocate toilet paper dispenser and paper towel dispenser to appropriate location and height.	Restroom	Relocate/Reinstall Items	Low	\$ 75	1	\$ 75
EMS Headquarters	Toilet Room - Equipment	3	Installation	Alter/Replace water closet with handle located on open side of water closet.	Restroom	Equipment	Low	\$ 750	1	\$ 750
EMS Headquarters	Controls	4	Non-Functional	Replace smoke detector to have both audible and visual warnings.	Primary Interior Route	Hardware	Low	\$ 150	1	\$ 150
Fairview Elementary School Polling Location	Exterior Accessible Route	1	Grade / Slope	Create accessible route or relocate accessible space		Pavement	Low	\$ 3,750	1	\$ 3,750
Fairview Elementary School Polling Location	Ramps - Curb	1	Grade / Slope	Reconfigure Ramp		Ramps	Low	\$ 1,500	1	\$ 1,500
Glenwood Elementary School Polling Location	Ramps - Curb	1	Grade / Slope	Reconfigure Ramp		Ramps	Low	\$ 1,500	2	\$ 3,000
Glenwood Elementary School Polling Location	Ramps - General	1	Equipment	Install compliant handrail		Hardware	High	\$ 750	1	\$ 750
Glenwood Elementary School Polling Location	Entrance	1	Accessible	Replace or reconfigure door hardware		Hardware	Medium	\$ 375	1	\$ 375
Grand Oaks Elementary School Polling Location	Parking	1	Striping & Symbols	Reconfigure by repainting lines & symbols		Striping	Medium	\$ 750	1	\$ 750
Grand Oaks Elementary School Polling Location	Exterior Accessible Route	1	Grade / Slope	Regrade surface		Pavement	Low	\$ 3,750	1	\$ 3,750
Grand Oaks Elementary School Polling Location	Signs	1	Installation	Install, reposition, or relocate signs		Signage: Add or Replace	Low	\$ 100	1	\$ 100
Grand Oaks Elementary School Polling Location	Exterior Accessible Route	1	Grade / Slope	Regrade to maximum slope or flatter.		Ramps	Low	\$ 1,500	1	\$ 1,500
Grand Oaks Elementary School Polling Location	Ramps - Curb	1	Grade / Slope	Reconfigure Ramp		Ramps	Low	\$ 1,500	1	\$ 1,500
Grand Oaks Elementary School Polling Location	Entrance	1	Accessible	Replace or reconfigure door hardware		Hardware	Medium	\$ 375	1	\$ 375
Health Department	Parking	1	Striping & Symbols	Reconfigure by repainting lines & symbols		Striping	Medium	\$ 750	1	\$ 750
Health Department	Exterior Accessible Route	1	Grade / Slope	Regrade surface		Pavement	Low	\$ 3,750	1	\$ 3,750
Health Department	Signs	1	Installation	Install, reposition, or relocate signs		Signage: Add or Replace	Low	\$ 100	1	\$ 100
Health Department	Exterior Accessible Route	1	Grade / Slope	Regrade to maximum slope or flatter.		Ramps	Low	\$ 1,500	1	\$ 1,500
Health Department	Ramps - Curb	1	Grade / Slope	Reconfigure Ramp		Ramps	Low	\$ 1,500	1	\$ 1,500
Health Department	Entrance	1	Accessible	Replace or reconfigure door hardware		Hardware	Medium	\$ 375	1	\$ 375
Health Department	Interior Doors	2	Clearance - Horizontal	Door does not have at least 18" of maneuvering space beyond the latch. Install automatic door opener or replace door with opposite swing direction.	Room A3, Room A5, Room A25, Blood Drawing Lab, Room B10, Room B11, Room B12, Room D3, Room D4	Equipment	Low	\$ 750	9	\$ 6,750

Facility	Category	Priority	Deficiency	Notes	Location(s)	Correction	Severity	Cost / Each	Quantity	Cost
Health Department	Sales & Service Counters	2	Height	Reconstruct counters to meet 36" maximum height and 17-25" of clear floor space extending under the length of the counter.	Suite A, Suite B (x3), Suite C (x2), Suite D (x3)	Interior Construction	Low	\$ 3,000	9	\$ 27,000
Health Department	Interior Doors	2	Non-Compliant Specifications	Adjust/Replace Closers to meet maximum 5lb force requirement and ensuring at least 5 seconds elapse before door closes.	Suite A Lobby Door, Suite D Lobby Door	Hardware	Low	\$ 150	1	\$ 150
Health Department	Interior Doors	2	Clearance - Horizontal	Door does not have at least 18" of maneuvering space beyond the latch. Relocate items/equipment to allow clear space.	Mothers Room, Room D6, Room D10	Relocate/Reinstall Items	Low	\$ 75	3	\$ 225
Health Department	Interior Doors	2	Clearance - Horizontal	Door does not have at least 18" of maneuvering space beyond the latch. Install automatic door opener.	Suite D Lobby Door, Room D5	Equipment	Medium	\$ 1,500	1	\$ 1,500
Health Department	Signs	3	Location	Relocate signs as needed to latch side of doorway and with the tactile portion of the sign centered at least 18" from arc of door swing.	Suite A, Suite B, Suite C, Suite D	Relocate/Reinstall Items	Low	\$ 75	4	\$ 300
Health Department	Toilet Room - Equipment	3	Location	Relocate any dispensers, coat hooks and mirrors according to standard locations regarding vertical and horizontal distances to floors, walls and water closet.	Suite A, Suite B, Suite C	Relocate/Reinstall Items	Low	\$ 75	8	\$ 600
Health Department	Toilet Room - Equipment	3	Length	Replace grab bars with compliant lengths. Other objects may need to be relocated or replaced.	Suite A, Suite B, Suite C	Equipment	Low	\$ 750	3	\$ 2,250
Health Department	Toilet Room - Equipment	3	Installation	Replace tank with tank that has handle located on open side of water closet.	Suite B, Suite C	Equipment	Low	\$ 750	2	\$ 1,500
Health Department	Drinking Fountains	3	Accessible	Reconstruct walls to accommodate appropriate width for wheelchair access. Reinstall drinking fountains at compliant height.	Suite A	Interior Construction	Low	\$ 3,000	1	\$ 3,000
Hendrix Creek Dickens Bldg. Polling Location	Signs	1	Installation	Install, reposition, or relocate signs		Signage: Add or Replace Ramps	Low	\$ 100	1	\$ 100
Jefferson Middle School Polling Location	Ramps - Curb	1	Grade / Slope	Reconfigure Ramp		Ramps	Low	\$ 1,500	3	\$ 4,500
Jefferson Middle School Polling Location	Entrance	1	Clearance - Horizontal	Replace or reconstruct entrance for clear space and slope		Entry Construction	Medium	\$ 1,500	1	\$ 1,500
Lake City Community Center Polling Location	Parking	1	Striping & Symbols	Reconfigure by repainting lines & symbols		Striping	Medium	\$ 750	1	\$ 750
Lake City Community Center Polling Location	Exterior Accessible Route	1	Grade / Slope	Regrade surface		Pavement	Low	\$ 3,750	1	\$ 3,750
Lake City Community Center Polling Location	Signs	1	Installation	Install, reposition, or relocate signs		Signage: Add or Replace Ramps	Low	\$ 100	1	\$ 100
Lake City Community Center Polling Location	Ramps - Curb	1	Grade / Slope	Reconfigure Ramp		Ramps	Low	\$ 1,500	1	\$ 1,500
Lake City Community Center Polling Location	Entrance	1	Accessible	Replace or reconfigure door hardware		Hardware	Medium	\$ 375	1	\$ 375
Lake City Middle School Polling Location	Parking	1	Striping & Symbols	Reconfigure by repainting lines & symbols		Striping	Medium	\$ 750	1	\$ 750
Lake City Middle School Polling Location	Signs	1	Installation	Install, reposition, or relocate signs		Signage: Add or Replace Ramps	Low	\$ 100	1	\$ 100
Lake City Middle School Polling Location	Exterior Accessible Route	1	Grade / Slope	Regrade to maximum slope or flatter.		Ramps	Low	\$ 1,500	1	\$ 1,500
Lake City Middle School Polling Location	Ramps - Curb	1	Grade / Slope	Reconfigure Ramp		Ramps	Low	\$ 1,500	2	\$ 3,000
Lake City Middle School Polling Location	Ramps - General	1	Equipment	Install compliant handrail		Hardware	High	\$ 750	1	\$ 750

Facility	Category	Priority	Deficiency	Notes	Location(s)	Correction	Severity	Cost / Each	Quantity	Cost
Lake City Middle School Polling Location	Entrance	1	Accessible	Replace or reconfigure door hardware		Hardware	Medium	\$ 375	1	\$ 375
Larry Dickens Building	Signs	2	Non-Compliant Specifications	Replace signs that meet tactile standards. New signs should be installed at relocated position at latch side of doorway and with the tactile portion of the sign centered at least 18" from arc of door swing.	Multiple. Check all for compliance.	Signage: Add or Replace	Low	\$ 100	15	\$ 1,500
Larry Dickens Building	Parking	1	Striping & Symbols	Reconfigure by repainting lines & symbols		Striping	Medium	\$ 750	1	\$ 750
Larry Dickens Building	Exterior Accessible Route	1	Grade / Slope	Regrade surface		Pavement	Low	\$ 3,750	1	\$ 3,750
Larry Dickens Building	Signs	1	Installation	Install, reposition, or relocate signs		Signage: Add or Replace	Low	\$ 100	1	\$ 100
Larry Dickens Building	Exterior Accessible Route	1	Grade / Slope	Regrade to maximum slope or flatter.		Ramps	Low	\$ 1,500	1	\$ 1,500
Larry Dickens Building	Entrance	1	Clearance - Horizontal	Replace or reconstruct entrance for clear space and slope		Entry Construction	Medium	\$ 1,500	1	\$ 1,500
Larry Dickens Building	Interior Doors	2	Non-Compliant Specifications	Adjust/Replace Closers to meet maximum 5lb force requirement and ensuring at least 5 seconds elapse before door closes.	Entrance	Hardware	Low	\$ 150	1	\$ 150
Larry Dickens Building	Sales & Service Counters	2	Height	Reconstruct counters to meet 36" maximum height and 17-25" of clear floor space extending under the length of the counter.	Trustee Counter, 2 other counter locations and 5 desk locations	Interior Construction	Low	\$ 3,000	8	\$ 24,000
Larry Dickens Building	Interior Doors	2	Door Handles	Replace with compliant handle.	Room 33	Hardware	Low	\$ 150	1	\$ 150
Larry Dickens Building	Toilet Rooms	3	Location	Relocate toilet room sign locations to be at least 48" but not greater than 60" above the floor.	Men's and Women's Toilet Room	Relocate/Reinstall Items	Low	\$ 75	1	\$ 75
Larry Dickens Building	Toilet Rooms	3	Clearance - Horizontal	Relocate divider near sink to provide proper clear space for handicap accessibility.	Men's and Women's Toilet Room	Relocate/Reinstall Items	Low	\$ 75	2	\$ 150
Larry Dickens Building	Toilet Rooms	3	Non-Compliant Specifications	Compartments should be altered or replaced to accommodate clear space, maneuverable space and with self-closing doors	Men's and Women's Toilet Room	Equipment	Medium	\$ 1,500	2	\$ 3,000
Larry Dickens Building	Controls	4	Non-Compliant Specifications	Replace smoke detector to have both audible and visual warnings.	Primary Interior Route	Hardware	Low	\$ 150	1	\$ 150
Linden Elementary School Polling Location	Exterior Accessible Route	1	Grade / Slope	Regrade surface		Pavement	Low	\$ 3,750	1	\$ 3,750
Linden Elementary School Polling Location	Exterior Accessible Route	1	Grade / Slope	Regrade to maximum slope or flatter.		Ramps	Low	\$ 1,500	1	\$ 1,500
Midtown Community Center Polling Location	Parking	1	Striping & Symbols	Reconfigure by repainting lines & symbols		Striping	Medium	\$ 750	1	\$ 750
Midtown Community Center Polling Location	Ramps - Curb	1	Grade / Slope	Reconfigure Ramp		Ramps	Low	\$ 1,500	1	\$ 1,500
Midtown Community Center Polling Location	Ramps - General	1	Equipment	Install compliant handrail		Hardware	High	\$ 750	1	\$ 750
Midtown Community Center Polling Location	Entrance	1	Clearance - Horizontal	Replace or reconstruct entrance for clear space and slope		Entry Construction	Medium	\$ 1,500	1	\$ 1,500
Midtown Community Center Polling Location	Entrance	1	Accessible	Replace or reconfigure door hardware		Hardware	Medium	\$ 375	1	\$ 375
National Guard Armory Polling Location										
Norris Community Center Polling Location	Exterior Accessible Route	1	Grade / Slope	Regrade surface		Pavement	Low	\$ 3,750	1	\$ 3,750
Norris Community Center Polling Location	Exterior Accessible Route	1	Grade / Slope	Regrade to maximum slope or flatter.		Ramps	Low	\$ 1,500	1	\$ 1,500
Norris Community Center Polling Location	Ramps - Curb	1	Grade / Slope	Reconfigure Ramp		Ramps	Low	\$ 1,500	2	\$ 3,000

Facility	Category	Priority	Deficiency	Notes	Location(s)	Correction	Severity	Cost / Each	Quantity	Cost
Norris Community Center Polling Location	Entrance	1	Accessible	Replace or reconfigure door hardware		Hardware	Medium	\$ 375	1	\$ 375
Norris Public Library	Exterior Accessible Route	1	Grade / Slope	Regrade surface		Pavement	Low	\$ 3,750	1	\$ 3,750
Norris Public Library	Entrance	1	Clearance - Horizontal	Replace or reconstruct entrance for clear space and slope		Entry Construction	Medium	\$ 1,500	1	\$ 1,500
Norwood Middle School Polling Location	Ramps - Curb	1	Grade / Slope	Reconfigure Ramp		Ramps	Low	\$ 1,500	1	\$ 1,500
Norwood Middle School Polling Location	Entrance	1	Clearance - Horizontal	Replace or reconstruct entrance for clear space and slope		Entry Construction	Medium	\$ 1,500	1	\$ 1,500
Norwood Middle School Polling Location	Entrance	1	Accessible	Replace or reconfigure door hardware		Hardware	Medium	\$ 375	1	\$ 375
Oak Ridge Municipal Center Polling Location										
Robert Jolley Building	Signs	1	Installation	Install, reposition, or relocate signs		Signage: Add or Replace	Low	\$ 100	1	\$ 100
Robert Jolley Building	Ramps - Curb	1	Grade / Slope	Reconfigure Ramp		Ramps	Low	\$ 1,500	1	\$ 1,500
Robert Jolley Building	Ramps - General	1	Equipment	Install compliant handrail		Hardware	High	\$ 750	1	\$ 750
Robert Jolley Building	Entrance	1	Clearance - Horizontal	Replace or reconstruct entrance for clear space and slope Replace signs that meet tactile standards. New signs should be installed at		Entry Construction	Medium	\$ 1,500	1	\$ 1,500
Robert Jolley Building	Signs	2	Non-Compliant Specifications	relocated position at latch side of doorway and with the tactile portion of the sign centered at least 18" from arc of door swing.	Floor 1 (x5), Floor 4 (x4)	Signage: Add or Replace	Low	\$ 100	9	\$ 900
Robert Jolley Building	Interior Doors	2	Non-Compliant Specifications	Adjust/Replace Closers to meet maximum 5lb force requirement and ensuring at least 5 seconds elapse before door closes.	1st Floor: Left and Right Courtroom Doors, Door leading to Auxiliary Court/Office, Waiting Room 2nd Floor: Women's Toilet Room, Men's Toilet Room 3rd Floor: Room 300, Room 310, Women's Toilet Room, Men's Toilet Room 4th Floor: Sheriff's Office, Women's Toilet Room, Men's Toilet Room 5th Floor: Right Lobby Door, Room 501, Room 503, Room 504, Room 505, Central Office, Room 506 Lobby, Room 506, Room 507, Lobby Door Left, Room 502, Women's Toilet Room, Men's Toilet Room	Hardware	Low	\$ 150	26	\$ 3,900
Robert Jolley Building	Accessible Route	2	Clearance - Horizontal	Reorganization or removal of materials and furniture to provide clear space.	1st Floor: Waiting Room	Relocate/Reinstall Items	High	\$ 300	1	\$ 300
Robert Jolley Building	Seating - Assembly	2	Designated Wheelchair Spaces	Relocate, remove or replace furniture to provide a minimum of (2) wheelchair spaces with compliant space.	1st Floor: Courtroom	Relocate/Reinstall Items	High	\$ 300	1	\$ 300
Robert Jolley Building	Sales & Service Counters	2	Height	Reconstruct counters to meet 36" maximum height and 17-25" of clear floor space extending under the length of the counter.	1st Floor: Clerk Counter 3rd Floor: Service Counter 4th Floor: Sheriff's Desk 5th Floor: Room 505	Interior Construction	Low	\$ 3,000	4	\$ 12,000
Robert Jolley Building	Signs	2	Location	Relocate signs as needed to latch side of doorway and with the tactile portion of the sign centered at least 18" from arc of door swing.	3rd Floor & 5th Floor: Multiple. Check all for compliance.	Relocate/Reinstall Items	Low	\$ 75	2	\$ 150
Robert Jolley Building	Interior Doors	2	Door Handles	Replace with compliant handle.	Room 305, Nutrition Office, Room 501, Room 503, Room 504, Room 505, Room 506 Lobby, Room 507, Room 502	Hardware	Low	\$ 150	9	\$ 1,350

Facility	Category	Priority	Deficiency	Notes	Location(s)	Correction	Severity	Cost / Each	Quantity	Cost
Robert Jolley Building	Interior Doors	2	Clearance - Vertical	Replace entry threshold	Room 305	Hardware	Medium	\$ 375	1	\$ 375
Robert Jolley Building	Rooms and Spaces	2	Clearance - Horizontal	Relocate furniture or other objects to maintain a clear path of at least 36".	Room 305, Room 503, Room 504	Relocate/Reinstall Items	Low	\$ 75	3	\$ 225
Robert Jolley Building	Interior Accessible Route	2	Clearance - Horizontal	Remove/Relocate items or install tactile warnings for objects in circulation path that extend greater than 4" into path.	Primary Interior Route	Relocate/Reinstall Items	Low	\$ 75	1	\$ 75
Robert Jolley Building	Elevators	2	Non-Compliant Specifications	Adjust timing of door closure to remain open for at least 20 seconds when activated.	4th Floor	Reconfigure	Medium	\$ 200	1	\$ 200
Robert Jolley Building	Interior Doors	2	Clearance - Horizontal	Door does not have at least 18" of maneuvering space beyond the latch. Install automatic door opener or relocate door.	4th Floor: Nutrition	Equipment	Low	\$ 750	1	\$ 750
Robert Jolley Building	Signs	2	Missing	Install tactile stars on both jambs at all levels.	All floors.	Signage: Add or Replace	Low	\$ 100	5	\$ 500
Robert Jolley Building	Accessible Route	2	Clearance - Horizontal	Alter spaces to maintain accessible route of minimum 36" width and provide at least one space 36"x48"	502 Boardroom	Relocate/Reinstall Items	Low	\$ 75	1	\$ 75
Robert Jolley Building	Signs	3	Missing	Install signs at inaccessible toilet rooms with directions to accessible toilet rooms.	Facility Wide	Signage: Add or Replace	Low	\$ 100	1	\$ 100
Robert Jolley Building	Toilet Room - Equipment	3	Length	Replace grab bars with compliant lengths. Other objects may need to be relocated or replaced.	2nd Floor Women's, 2nd Floor Men's	Equipment	Low	\$ 750	2	\$ 1,500
Robert Jolley Building	Toilet Room - Equipment	3	Location	Relocate mirror with bottom edge no further than 40" from the floor.	3rd Floor Women's, 4th Floor Men's	Relocate/Reinstall Items	Medium	\$ 150	2	\$ 300
Robert Jolley Building	Lavatories	3	Location	Alter or replace lavatory to ensure at least 27" clearance from floor, extending 8" under the lavatory for knee clearance and at least 9" for toe clearance.	3rd Floor Women's, 3rd Floor Men's, 4th Floor Men's	Restroom Remodel	Low	\$ 1,500	3	\$ 4,500
Robert Jolley Building	Toilet Rooms	3	Installation	Install closers on handicap accessible stalls	3rd Floor Women's, 3rd Floor Men's	Equipment	Low	\$ 750	1	\$ 750
Robert Jolley Building	Toilet Room - Equipment	3	Installation	Alter/Replace water closet with handle located on open side of water closet.	4th Floor Women's, 3rd Floor Men's	Equipment	Low	\$ 750	2	\$ 1,500
Robert Jolley Building	Lavatories	3	Non-Compliant Specifications	Replace faucet handles with compliant handles.	4th Floor Men's, 4th Floor Women's, 5th Floor Men's, 5th Floor Women's	Relocate/Reinstall Items	Medium	\$ 150	4	\$ 600
Robert Jolley Building	Toilet Room - Equipment	3	Clearance - Horizontal	Relocate compartments to provide proper clear space for handicap accessibility.	4th Floor Men's, 4th Floor Women's, 5th Floor Men's, 5th Floor Women's	Relocate/Reinstall Items	High	\$ 300	4	\$ 1,200
Robert Jolley Building	Toilet Room - Equipment	3	Non-Compliant Specifications	Replace grab bars with compliant lengths. Other objects may need to be relocated or replaced.	4th Floor Men's, 4th Floor Women's, 5th Floor Men's, 5th Floor Women's	Relocate/Reinstall Items	Medium	\$ 150	8	\$ 1,200
Robertsville Middle School Polling Location	Exterior Accessible Route	1	Grade / Slope	Regrade surface		Pavement	Low	\$ 3,750	1	\$ 3,750
Robertsville Middle School Polling Location	Exterior Accessible Route	1	Grade / Slope	Create accessible route or relocate accessible space		Pavement	Low	\$ 3,750	1	\$ 3,750
Robertsville Middle School Polling Location	Exterior Accessible Route	1	Grade / Slope	Regrade to maximum slope or flatter.		Ramps	Low	\$ 1,500	1	\$ 1,500
Robertsville Middle School Polling Location	Ramps - Curb	1	Grade / Slope	Reconfigure Ramp		Ramps	Low	\$ 1,500	1	\$ 1,500
Robertsville Middle School Polling Location	Entrance	1	Clearance - Horizontal	Replace or reconstruct entrance for clear space and slope		Entry Construction	Medium	\$ 1,500	1	\$ 1,500
School Administration Bldg. Polling Location	Parking	1	Striping & Symbols	Reconfigure by repainting lines & symbols		Striping	Medium	\$ 750	1	\$ 750

Facility	Category	Priority	Deficiency	Notes	Location(s)	Correction	Severity	Cost / Each	Quantity	Cost
School Administration Bldg. Polling Location	Exterior Accessible Route	1	Grade / Slope	Regrade surface		Pavement	Low	\$ 3,750	1	\$ 3,750
School Administration Bldg. Polling Location	Exterior Accessible Route	1	Grade / Slope	Create accessible route or relocate accessible space		Pavement	Low	\$ 3,750	1	\$ 3,750
School Administration Bldg. Polling Location	Exterior Accessible Route	1	Non-Compliant Specifications	Repair uneven paving and fill small bumps and breaks with patches		Reconfigure	High	\$ 400	1	\$ 400
School Administration Bldg. Polling Location	Exterior Accessible Route	1	Grade / Slope	Regrade to maximum slope or flatter.		Ramps	Low	\$ 1,500	1	\$ 1,500
School Administration Bldg. Polling Location	Ramps - Curb	1	Grade / Slope	Reconfigure Ramp		Ramps	Low	\$ 1,500	2	\$ 3,000
School Administration Bldg. Polling Location	Ramps - General	1	Equipment	Install compliant handrail		Hardware	High	\$ 750	1	\$ 750
School Administration Bldg. Polling Location	Entrance	1	Accessible	Replace or reconfigure door hardware		Hardware	Medium	\$ 375	1	\$ 375
Scotty Phillips Grocery Polling Location	Ramps - General	1	Missing	Add handicap accessible ramp		Ramps	Medium	\$ 3,000	1	\$ 3,000
Scotty Phillips Grocery Polling Location	Parking	1	Striping & Symbols	Reconfigure by repainting lines & symbols		Striping	Medium	\$ 750	1	\$ 750
Scotty Phillips Grocery Polling Location	Exterior Accessible Route	1	Grade / Slope	Regrade surface		Pavement	Low	\$ 3,750	1	\$ 3,750
Scotty Phillips Grocery Polling Location	Exterior Accessible Route	1	Grade / Slope	Regrade to maximum slope or flatter.		Ramps	Low	\$ 1,500	1	\$ 1,500
Scotty Phillips Grocery Polling Location	Entrance	1	Clearance - Horizontal	Replace or reconstruct entrance for clear space and slope		Entry Construction	Medium	\$ 1,500	1	\$ 1,500
Scotty Phillips Grocery Polling Location	Entrance	1	Accessible	Replace or reconfigure door hardware		Hardware	Medium	\$ 375	1	\$ 375
South Clinton Elementary School Polling Location	Parking	1	Striping & Symbols	Reconfigure by repainting lines & symbols		Striping	Medium	\$ 750	1	\$ 750
South Clinton Elementary School Polling Location	Signs	1	Installation	Install, reposition, or relocate signs		Signage: Add or Replace	Low	\$ 100	1	\$ 100
South Clinton Elementary School Polling Location	Exterior Accessible Route	1	Grade / Slope	Regrade to maximum slope or flatter.		Ramps	Low	\$ 1,500	1	\$ 1,500
South Clinton Elementary School Polling Location	Ramps - Curb	1	Grade / Slope	Reconfigure Ramp		Ramps	Low	\$ 1,500	3	\$ 4,500
South Clinton Elementary School Polling Location	Entrance	1	Clearance - Horizontal	Replace or reconstruct entrance for clear space and slope		Entry Construction	Medium	\$ 1,500	1	\$ 1,500
South Clinton Elementary School Polling Location	Entrance	1	Accessible	Replace or reconfigure door hardware		Hardware	Medium	\$ 375	1	\$ 375
Welcome Center	Sales & Service Counters	2	Height	Reconstruct counters to meet 36" maximum height and 17-25" of clear floor space extending under the length of the counter.	One location	Interior Construction	Low	\$ 3,000	1	\$ 3,000
Welcome Center	Signs	2	Non-Compliant Specifications	Relocate toilet room signs at latch side of doorway and with the tactile portion of the sign centered at least 18" from arc of door swing.	Multiple. Check all for compliance.	Signage: Add or Replace	Low	\$ 100	1	\$ 100
Welcome Center	Entrance	2	Clearance - Horizontal	Door does not have at least 18" of maneuvering space beyond the latch. Install automatic door opener.	Entrance	Equipment	Medium	\$ 1,500	1	\$ 1,500
Welcome Center	Toilet Room - Equipment	3	Location	Relocate grab bars and dispensers to compliant distances from floor, walls and other objects.	Men's and Women's Toilet Room	Relocate/Reinstall Items	Medium	\$ 150	2	\$ 300
Welcome Center	Lavatories	3	Location	Relocate lavatory to compliant distance from floor and wall with appropriate knee and toe clearance.	Men's and Women's Toilet Room	Relocate/Reinstall Items	High	\$ 300	2	\$ 600
Welcome Center	Toilet Room - Equipment	3	Non-Compliant Specifications	Replace handicap stall doors with self-closing doors with compliant locks/handles.	Men's and Women's Toilet Room	Equipment	Low	\$ 750	1	\$ 750
Welcome Center	Controls	4	Non-Compliant Specifications	Replace smoke detector to have both audible and visual warnings.	Primary Interior Route	Hardware	Low	\$ 150	1	\$ 150

Facility	Category	Priority	Deficiency	Notes	Location(s)	Correction	Severity	Cost / Each	Quantity	Cost
Woodland Elementary School Polling Location	Exterior Accessible Route	1	Grade / Slope	Regrade surface		Pavement	Low	\$ 3,750	1	\$ 3,750
Woodland Elementary School Polling Location	Exterior Accessible Route	1	Grade / Slope	Regrade to maximum slope or flatter.		Ramps	Low	\$ 1,500	1	\$ 1,500
Woodland Elementary School Polling Location	Ramps - Curb	1	Grade / Slope	Reconfigure Ramp		Ramps	Low	\$ 1,500	1	\$ 1,500
Woodland Elementary School Polling Location	Entrance	1	Clearance - Horizontal	Replace or reconstruct entrance for clear space and slope		Entry Construction	Medium	\$ 1,500	1	\$ 1,500
Woodland Elementary School Polling Location	Entrance	1	Accessible	Replace or reconfigure door hardware		Hardware	Medium	\$ 375	1	\$ 375

APPENDIX B: COST INFORMATION

COST INFORMATION

Construction costs for upgrading facilities can vary depending on each individual improvement and conditions of each site. Costs can also vary on the type and size of project the improvements are associated with. Listed below are estimates of costs for some typical accessibility improvements based on if the improvements are included as part of a retrofit type project, or as part of a larger comprehensive capital improvement project.

FACILITY ELEMENTS

Correction	Units	Low Cost	Medium Cost	High Cost
Entry Construction	Each	\$750	\$1,500	\$3,000
Equipment	Each	\$750	\$1,500	\$3,000
Hardware	Each	\$150	\$375	\$750
Interior Construction	Each	\$3,000	\$6,000	\$12,000
Pavement	Each	\$3,750	\$7,500	\$15,000
Ramps	Each	\$1,500	\$3,000	\$6,000
Relocate Items	Each	\$75	\$150	\$300
Restroom Remodel	Each	\$1,500	\$3,000	\$6,000
Sidewalk	Each	\$1,500	\$3,000	\$6,000
Signage	Each	\$100	\$200	\$400
Striping	Each	\$375	\$750	\$1,500

The reader should be advised that these estimates are programmatic and based simply on field observation. Repairs should be made based on a design considering all field factors. Actual cost will be subject to material and labor price fluctuations, inflation, and other market factors. It is advised that costs are estimated annually.

PRIORITY RANKINGS

Based on the results of the self-evaluation, the estimate costs associated with eliminating accessibility barriers within the targeted priority areas is as follows:

FACILITIES

Each location was inspected based on the "ADA Checklist for Existing Facilities" produced by the Institute for Human Centered Design. It is advised that the City should correct the highest priority first. However, and with that in mind, some of the lower priority, lower cost corrections may be considered for earlier completion of higher priority work is already being addressed at or near the same location.

ENTIRE JURISDICTION

Based on the results of the self-evaluation, the estimate costs associated with providing ADA accessibility within the entire jurisdiction is \$273,425. This amount signifies a significant investment that the Anderson County Government is committed to making in the upcoming years. A systematic approach to providing accessibility will be taken in order to absorb the cost into the annual budget for improvements to Anderson County Facilities.

SUMMARY OF ESTIMATED COST BY FACILITY

(Following Page)

Anderson County Government

Capital Improvement Plan (CIP) - Estimated Expenditure Schedules

Facility Priority	Subtotal
1	\$ 203,250
2	\$ 49,625
3	\$ 20,100
4	\$ 450
	\$ 273,425 Estimated 2019 Total

Total Compliance Investment Schedules					
Time Period to Total Compliance (Yrs.)	2	10	15	20	25
Estimated Expenditure per Year	\$ 136,712.50	\$ 27,342.50	\$ 18,228.33	\$ 13,671.25	\$ 10,937.00
Total Cost of All Construction (Adjusted for Inflation)	\$ 277,526.38	\$ 313,451.12	\$ 339,027.20	\$367,351.61	\$ 398,754.97
Total of Additional Cost due to Inflation	\$ 4,101.38	\$ 40,026.12	\$ 65,602.20	\$ 93,926.61	\$ 398,754.97
% Increase due to Inflation	2%	15%	24%	34%	46%
Average Cost per Year (Adjusted for Inflation)	\$ 138,763.19	\$ 31,345.11	\$ 22,601.81	\$ 18,367.58	\$ 15,950.20
Approximate Number of Years to Complete Priority #1	2	7	10	13	15

Priorities based on ADA Checklist for Existing Facilities by Institute for Human Centered Design, © 2016

1	Accessible Approach and Entrance
2	Access to Goods and Services
3	Access to Public Toilet Rooms
4	Access to other items; water fountains and public telephones

Anderson County Government - Summary of Estimated Cost by Facility

Facility	Priority Level				Facility Total
	1	2	3	4	
Anderson County High School Polling Location	\$ 4,225	\$ -	\$ -	\$ -	\$ 4,225
Andersonville Elementary School Polling Location	\$ 3,750	\$ -	\$ -	\$ -	\$ 3,750
Briceville Elementary School Polling Location	\$ 7,600	\$ -	\$ -	\$ -	\$ 7,600
Briceville Public Library	\$ 6,750	\$ -	\$ -	\$ -	\$ 6,750
Claxton Community Center Polling Location	\$ 8,725	\$ -	\$ -	\$ -	\$ 8,725
Claxton Elementary School Polling Location	\$ 5,625	\$ -	\$ -	\$ -	\$ 5,625
Clerk and Trustees Office (Norris/Andersonville)	\$ 5,625	\$ -	\$ -	\$ -	\$ 5,625
Clinton Community Center Polling Location	\$ 11,250	\$ -	\$ -	\$ -	\$ 11,250
Clinton High School Polling Location	\$ 8,250	\$ -	\$ -	\$ -	\$ 8,250
Clinton Middle School Polling Location	\$ 8,625	\$ -	\$ -	\$ -	\$ 8,625
Courthouse	\$ 7,500	\$ 11,025	\$ 4,575	\$ -	\$ 23,100
Detention Facility	\$ 1,500	\$ -	\$ -	\$ -	\$ 1,500
Dutch Valley Elementary School Polling Location	\$ 3,375	\$ -	\$ -	\$ -	\$ 3,375
EMS Headquarters	\$ -	\$ 19,500	\$ 3,425	\$ 150	\$ 23,075
Fairview Elementary School Polling Location	\$ 5,250	\$ -	\$ -	\$ -	\$ 5,250
Glenwood Elementary School Polling Location	\$ 2,625	\$ -	\$ -	\$ -	\$ 2,625
Grand Oaks Elementary School Polling Location	\$ 7,975	\$ -	\$ -	\$ -	\$ 7,975
Health Department	\$ 7,975	\$ 5,475	\$ 4,650	\$ -	\$ 18,100
Hendrix Creek Dickens Bldg. Polling Location	\$ 100	\$ -	\$ -	\$ -	\$ 100
Jefferson Middle School Polling Location	\$ 3,000	\$ -	\$ -	\$ -	\$ 3,000
Lake City Community Center Polling Location	\$ 6,475	\$ -	\$ -	\$ -	\$ 6,475
Lake City Middle School Polling Location	\$ 4,975	\$ -	\$ -	\$ -	\$ 4,975
Larry Dickens Building	\$ 7,600	\$ 3,300	\$ 1,650	\$ 150	\$ 12,700
Linden Elementary School Polling Location	\$ 5,250	\$ -	\$ -	\$ -	\$ 5,250
Midtown Community Center Polling Location	\$ 4,875	\$ -	\$ -	\$ -	\$ 4,875
National Guard Armory Polling Location	<i>(facility locked and not available for assessment)</i>				
Norris Community Center Polling Location	\$ 7,125	\$ -	\$ -	\$ -	\$ 7,125
Norwood Middle School Polling Location	\$ 3,375	\$ -	\$ -	\$ -	\$ 3,375
Oak Ridge Municipal Center Polling Location	<i>(facility not assessed)</i>				
Robert Jolley Building	\$ 3,850	\$ 5,725	\$ 4,600	\$ -	\$ 14,175
Robertsville Middle School Polling Location	\$ 12,000	\$ -	\$ -	\$ -	\$ 12,000
School Administration Bldg. Polling Location	\$ 12,775	\$ -	\$ -	\$ -	\$ 12,775
Scotty Phillips Grocery Polling Location	\$ 10,875	\$ -	\$ -	\$ -	\$ 10,875
South Clinton Elementary School Polling Location	\$ 5,725	\$ -	\$ -	\$ -	\$ 5,725
Welcome Center	\$ -	\$ 4,600	\$ 1,200	\$ 150	\$ 5,950
Woodland Elementary School Polling Location	\$ 8,625	\$ -	\$ -	\$ -	\$ 8,625
Total by Priority	\$ 203,250	\$ 49,625	\$ 20,100	\$ 450	\$ 273,425

APPENDIX C: PUBLIC OUTREACH

The majority of the public comments surrounding Anderson County's ADA Transition Plan were centered around wanting more specific details on what is required for accessible parking spaces, ramps, sidewalk widths, rail heights, curb cuts, door closers, and accessible hardware, etc.

A comment also mentioned that persons with disabilities should have been involved with the on-site inspection and assessment of ADA compliance in county buildings.

Website: <http://www.anderson-county.com/disability-services-ada/>

Anderson County Government publicly notices all of its ADA Committee meetings encouraging public participation. The committee has met quarterly in the past, but moved to monthly meetings during the years of self-assessment and development of a transition plan. In addition to posting the County's ADA Transition Plan to the website, www.anderson-county.com, the plan has been referenced and discussed at multiple ADA Committee meetings and regular sessions of the Anderson County Board of Commissioners. Earlier this year, a press release pertaining to the Anderson County ADA Transition Plan also was published in local media outlets, in print and electronic formats, as well as local radio broadcasts. The press release not only reminded the general public of the Plan's existence, but also sought feedback pertaining to the document. Members of the ADA Oversight Committee have also reached out to various agencies and individuals with disabilities for input, for review of our website, for comments.

APPENDIX D: GRIEVANCE PROCEDURE

As part of the ADA requirements the City has posted the following notice outlining its ADA requirements: <http://www.anderson-county.com/disability-services-ada/>

- ADA Public Notice
- ADA Grievance Procedure
- ADA complaint form
- ADA applicant accommodation request form



ANDERSON COUNTY GOVERNMENT ADA PUBLIC NOTICE



In accordance with the requirements of Title I and II of the Americans with Disabilities Act of 1990 ("ADA"), Anderson County Government will not discriminate against qualified individuals with disabilities on the basis of disability in the services, programs, or activities provided by Anderson County.

Employment: Anderson County Government does not discriminate on the basis of disability in its hiring or employment practices and complies with all regulations promulgated by the U.S. Equal Employment Opportunity Commission under Title I of the ADA.

Effective Communication: Anderson County Government will generally upon request, provide appropriate aids and services leading to effective communications for qualified persons with disabilities so they can participate equally in Anderson County Government's programs, services and activities.

Modifications to Policies and Procedures: Anderson County Government will make all reasonable modifications to policies or procedures to ensure that people with disabilities have an equal opportunity to enjoy all of the County's programs, services or activities.

Anyone who requires an auxiliary aid or service for effective communication, or a modification of policies or procedures to participate in a program or activity of the Anderson County Government should contact the office of the ADA coordinator as soon as possible but no later than (3) three days before the scheduled event.

The ADA does not require Anderson County Government to take action that would fundamentally alter the nature of its programs or services, or impose an undue financial or administrative burden.

Complaints that a program, service or activity of Anderson County Government is not accessible to persons with disabilities should be directed to:

Roger Lloyd, ADA Coordinator
100 N. Main Street
Clinton, TN 37716
rlloyd@andersontn.org
(865) 463-6829

Anderson County Government will not place a fee or surcharge on a particular individual with disability or any group of individuals with disabilities to cover the cost of providing auxiliary aids/services or reasonable modifications of policy, such as retrieving items from locations that are open to the public but are not accessible to persons who use wheelchairs.

**Anderson County Government
Americans with Disabilities Act (ADA)
Grievance Procedure
For County Services, Programs or Facilities**

Anderson County Government has adopted the following internal grievance procedure related to County Services, Programs or Facilities. The purpose of this procedure is to ensure the responsive and equitable resolution of complaints alleging any action prohibited by the Americans with Disabilities Act (ADA) Legislation as more fully defined in United States Public Law 101-336.

Complaints related to County Services, Programs or Facilities should be addressed to the following appointed officer of Anderson County Government, who has been designated Americans with Disabilities Act (ADA) Coordinator for Anderson County:

Mr. Roger Lloyd
ADA Coordinator and Director of Buildings

Anderson County Courthouse
100 North Main Street, Room 129
Clinton, TN 37716-3615

Telephone: (865) 463-6829
E-mail: rlloyd@andersontn.org

Office Hours: 8:00 a.m. to 5:00 p.m. Monday through Friday

Grievance Procedure

- 1 Any and all grievances and/or complaints shall be submitted in writing to the office of the ADA Coordinator. The written documentation shall include:
 - A. The name, address and telephone number of the complainant;
 - B. The names, addresses and telephone numbers of associated witnesses;
 - C. A narrative and/or statement, in sufficient written detail including date and time of the incident to fully define and explain the alleged violation of the ADA regulations;
 - D. A narrative and/or statement, in sufficient written detail, identifying proposed recommendations, from the complainant's viewpoint, to adequately resolve the alleged violation; and

E. Any other written information or documentation to more fully explain or identify the alleged violation.

F. Accommodations will be made for anyone who cannot write or type to enable them to have their grievance in writing by calling Roger Lloyd.

- 2 Any and all grievances and/or complaints shall be filed no later than thirty (30) days after the complainant becomes aware of an alleged violation.
- 3 An investigation, as may be appropriate, shall be initiated following the filing of a grievance and/or complaint. The investigation shall be under the administrative direction of the ADA Coordinator and involve the Anderson County Human Resource Director and appropriate county staff members as deemed necessary. This procedure contemplates informal but thorough investigations, affording the complainant, county staff and all other interested parties and their representatives, if required, an opportunity to further explain or provide additional evidence beyond that submitted or known when the complaint was filed.
- 4 The ADA Coordinator, at his or her discretion, may meet in person with the complainant, the Anderson County Human Resource Director, and county staff members, as appropriate, or other interested parties or representatives to discuss the alleged violation, the resultant investigation and any pertinent aspects of the complaint situation.
- 5 A written determination as to the validity of the written grievance and/or complaint filed along with a description of resolution, if any, shall be issued by the ADA Coordinator and a copy forwarded to the complainant via Certified Mail no later than thirty (30) days after the initial grievance or complaint filing. This thirty (30) day period may be extended upon the approval of the complainant and the ADA Coordinator in instances where investigation or research requires additional time for proper grievance or complaint consideration.
- 6 The ADA Coordinator shall maintain the files and records of any and all ADA grievances and/or complaints filed.
- 7 A complainant may request a reconsideration of a written grievance and/or complaint filed in instances where he or she is dissatisfied with the resolution decision made by the ADA Coordinator. A request for reconsideration shall be made in writing to the Anderson County Mayor. This written request must be received by the Office of the County Mayor within ten (10) days after receipt of the ADA Coordinator's determination in which the complainant is aggrieved, including the complainant's rebuttal to these conflict areas. The County Mayor, at his or her discretion, may meet in person with the complainant, ADA Coordinator, county staff members or other interested parties or representatives to discuss the reconsideration

issue. A written determination as to the validity of the written reconsideration request along with a description of resolution, if any, shall be issued by the County Mayor and a copy forwarded to the complainant via Certified Mail no later than fifteen (15) days after filing of the written reconsideration request. This fifteen (15) day period may be extended upon the approval of the complainant and the County Mayor in instances where investigative or research needs require additional time for proper reconsideration review. The decision of the County Mayor shall be final.

- 8 The right of a person to the prompt and equitable resolution of a written complaint filed hereunder shall not be impaired by the person's pursuit of other remedies such as the filing of an Americans with Disabilities Act (ADA) complaint with the responsible federal Department or Agency. The utilization of this Anderson County Government ADA Grievance Procedure is not a prerequisite to the pursuit of other remedies.
- 9 This Grievance Procedure related to County Services, Programs or Facilities shall be construed to protect the substantive rights of interested persons, to meet appropriate due process standards, and to assure that Anderson County meets the spirit and guidelines of the Americans with Disabilities Act (ADA).

Americans with Disabilities Act (ADA) Complaint Form

This form is intended to be a tool to help you describe the act or situation encountered that you believe to be discriminatory. This form also serves as a basis for which a solution can be found. If you have questions about this form or need assistance completing the form, please contact Anderson County's ADA Coordinator, Roger Lloyd, at 865-463-6829.

You will be contacted for further information or you will receive a response within fifteen (15) days of receipt of this complaint by the appropriate County staff.

Please fill out this form in its entirety—do not use pencil. When finished, sign and date the form and return to the address on the form. There are three sections of the form—please complete each section as applicable or say "not applicable".

I. Person alleged to have encountered a problem

Name: _____

Address: _____

Phone—Home: _____ Phone—Business: _____

Email address: _____

Nature of disability _____

II. Person filing the complaint (if different from above)

Name: _____

Address: _____

Phone—Home: _____ Phone—Business: _____

Email address: _____

III. The Situation

In your own words, please explain how you believe you were treated less favorably. (Use second page if necessary.)

Date of alleged discriminatory occurrence: _____

Please list name(s) and contact information of any witnesses:

Name/Number/Email _____

Name/Number/Email _____

What remedy was sought prior to completing this form?

Of whom was a remedy sought? What was the outcome?

Please describe the relief or accommodation being sought.

I affirm that the above information is true and correct.

Signature: _____

Date: _____

Send this form to:

**ADA Coordinator Mr. Roger Lloyd
Anderson County Government
100 North Main Street, Suite 129
Clinton, TN 37716-3615**

In Office Use Only:

Date received: _____ Received by: _____

Action taken: _____

Transferred to: _____

Action taken: _____

**ANDERSON COUNTY GOVERNMENT
APPLICANT ACCOMMODATION REQUEST**

Please type or print information and return to the ADA Coordinator's office. Information contained on this form is classified as *CONFIDENTIAL* to the extent permitted by law. Information obtained or generated in the processing of this Accommodation Request may be released to individuals or agencies participating in the evaluation or provision of this accommodation. *Please complete per instructions on back of form and note that this accommodation request cannot be processed unless the requested position description and medical documentation are attached.* For more information contact Anderson County ADA Coordinator Roger Lloyd at 865-463-6829.

Full Name _____

PO Box or Street _____

City/State/Zip Code _____

What is the position for which you are applying? _____

1. Describe the portion(s) of the employment test or the position for which you are requesting an accommodation. Please be specific.

2. Describe any accommodations you believe would be of benefit in this portion of the testing process, on the job, or accommodations successfully used in the past:

3. Describe the nature of your disability:

4. How does this disability prevent you from performing the employment testing function or essential job function listed in #1? _____

APPLICANT SIGNATURE

DATE SUBMITTED

APPENDIX E: CONTACT INFORMATION

ANDERSON COUNTY ADA COORDINATOR

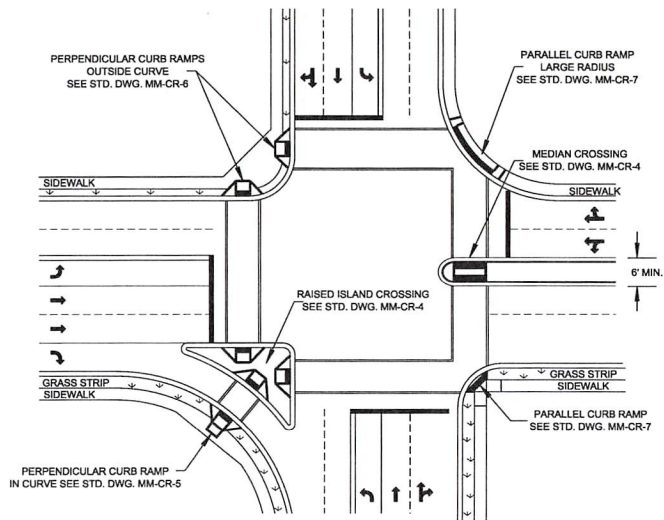
Name: Roger Lloyd
Address: Anderson County Courthouse
100 North Main St., Room 129
Clinton, TN 37716-3615
Phone: (865) 463-6829
E-mail: rlloyd@andersontn.org
Website: <http://www.anderson-county.com/disability-services-ada/>

APPENDIX F: AGENCY ADA DESIGN PROCEDURES AND STANDARDS

Anderson County Government recognizes the following guidelines:

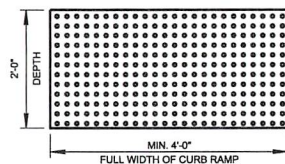
- ADA Accessibility Guidelines for Buildings and Facilities (ADAAG); U.S. Architectural and Transportation Barriers Compliance Board (Access Board), Appendix A to Part 1191, <https://www.access-board.gov/guidelines-and-standards/buildings-and-sites/about-the-ada-standards/background/adaag>
- Proposed Accessibility Guidelines for Pedestrian Facilities in Public Right-of-Way, (PROWAG); U.S. Access Board, <https://www.access-board.gov/guidelines-and-standards/streets-sidewalks/public-rights-of-way>
- Tennessee Department of Transportation (TDOT) standard drawings is a means to aide in the establishment of construction standards. <https://www.tn.gov/content/tn/tdot/roadway-design/standard-drawings-library/standard-roadway-drawings/multimodal.html>

TDOT standard drawings are included in this Appendix F.

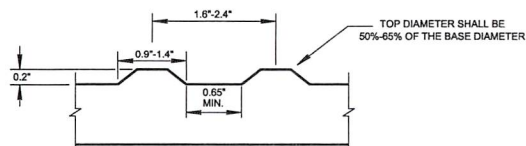


PLAN VIEW

(EXAMPLE LAYOUT SHOWING EACH RAMP TYPE; SEE REFERENCED STANDARD DRAWINGS FOR SPECIFIC ALIGNMENT INFORMATION)



DETECTABLE WARNING SURFACE DETAIL



**DETECTABLE WARNING SURFACE
ELEVATION VIEW (TYP.)**

GENERAL NOTES

- (A) DETAILS SHOWN ON THIS STANDARD DRAWING APPLY TO THE CONSTRUCTION OR RECONSTRUCTION OF STREETS, CURBS, OR SIDEWALKS.
- (B) THE DETECTABLE WARNING SURFACES SHALL BE YELLOW. THE COLOR YELLOW IS USED BECAUSE YELLOW IS THE LAST COLOR A VISUALLY IMPAIRED PERSON CAN DETECT PRIOR TO TOTAL LOSS OF VISION. DETECTABLE WARNING SURFACES SHALL BE CONSTRUCTED USING PRODUCTS APPROVED ON THE TDOT QUALIFIED PRODUCT LIST 37.
- (C) THE DEPTH OF DETECTABLE WARNING SURFACES SHALL BE 2 FEET, IN THE DIRECTION OF PEDESTRIAN TRAVEL. AT CURB RAMPS AND BLENDED TRANSITIONS, DETECTABLE WARNING SURFACES SHALL EXTEND THE FULL WIDTH OF THE RAMP RUN (EXCLUDING ANY FLARED SIDES), BLENDED TRANSITION, OR TURNING SPACE.
- (D) THE DETECTABLE WARNING SURFACE SHALL NOT BE EXTENDED BEYOND CROSSWALK BOUNDARIES AT LOCATIONS LACKING PROPER CURB HEIGHT.
- (E) CURB RAMPS ARE TO BE LOCATED AS SHOWN ON THE PLANS.
- (F) CURB RAMPS SHALL BE PROVIDED AT ALL CORNERS OF STREET INTERSECTIONS WHERE THERE IS EXISTING OR PROPOSED SIDEWALK AND CURB. CURB RAMPS SHALL ALSO BE PROVIDED AT MIDBLOCK CROSSWALK LOCATIONS AND ACROSS FROM CORNER RAMPS AT T-INTERSECTIONS.
- (G) CARE SHALL BE TAKEN TO ENSURE A UNIFORM GRADE ON THE RAMP. THE GRADE SHALL BE FREE OF SAGS AND SHORT GRADE CHANGES.
- (H) DRAINAGE STRUCTURES SHALL NOT BE PLACED IN LINE WITH RAMPS. INSTALL CATCH BASINS ON UPSTREAM SIDE OF RAMP FOR ROADS WITH GRADES LESS THAN 2%.
- (I) CROSSWALK MARKINGS, IF USED, SHALL BE LOCATED AS SHOWN ON THE APPLICABLE CURB RAMP STANDARD DRAWING. FOR CROSSWALK MARKING DETAILS, SEE STD. DWG. T-M-4.
- (J) FOR PERPENDICULAR CURB RAMP DESIGN DETAILS, SEE STD. DWG. MM-CR-2. FOR PARALLEL CURB RAMP DESIGN DETAILS, SEE STD. DWG. MM-CR-3.
- (K) PAYMENT:
ALL COSTS OF INSTALLING CURB RAMP(S), INCLUDING DETECTABLE WARNING SURFACE(S) IN NEWLY CONSTRUCTED SIDEWALK AREAS, SHALL BE PAID BY ITEM NO. 701-02-03, CONCRETE CURB RAMP, PER SQUARE FOOT.
- (L) FOR SIGNALIZED INTERSECTIONS THAT REQUIRE PEDESTRIAN SIGNAL PUSHBUTTONS, SEE TDOT TRAFFIC DESIGN MANUAL FOR PLACEMENT DETAILS.

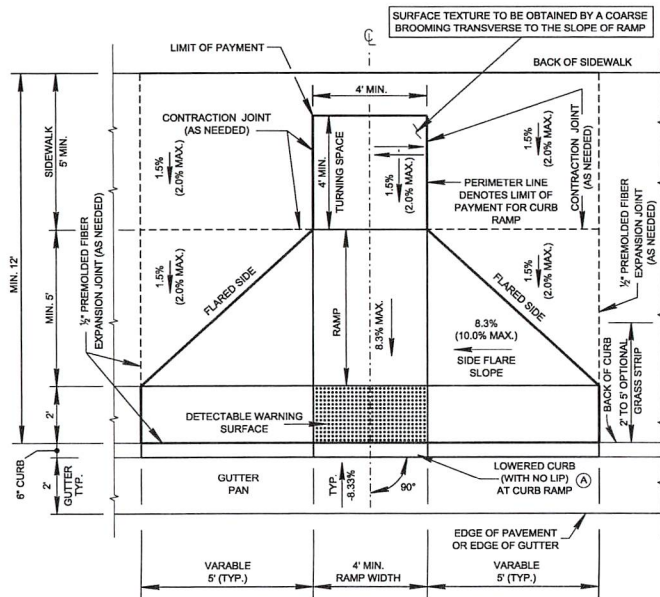
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STATE OF TENNESSEE
STANDARD
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DEPARTMENT OF TRANSPORTATION

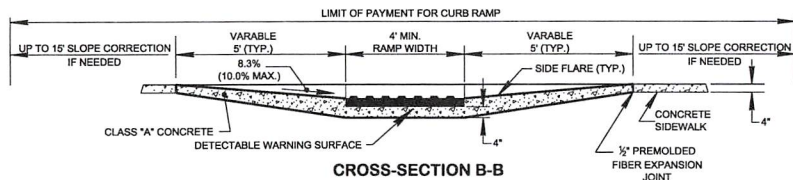
**DETECTABLE
WARNING SURFACE
PLACEMENT ON
CURB RAMPS**

01-07-2019

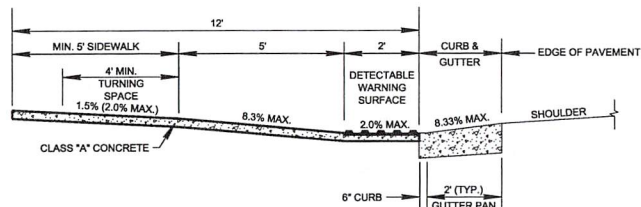
MM-CR-1



**PERPENDICULAR CURB RAMP
PLAN VIEW**

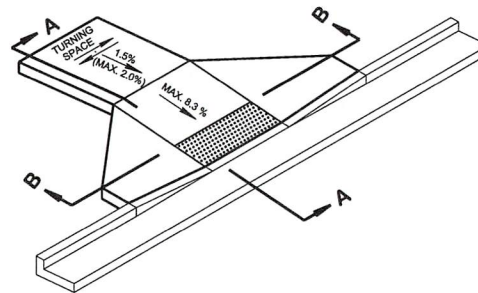


CROSS-SECTION B-B

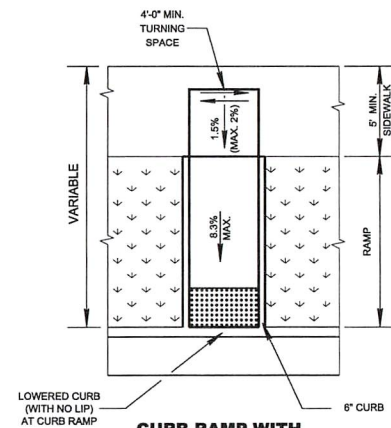


CROSS SECTION A-A

(SHOWN 30° CURB AND GUTTER TRANSITION)
AT LOCATIONS WHERE THE GUTTER PAN DOES NOT EXIST AND 2 FEET OF FLAT SURFACE MAY BE ELIMINATED.
THE ALGEBRAIC DIFFERENCE IN GRADE AT THE CURB RAMP/STREET INTERFACE SHALL NOT EXCEED 11%.



**ISOMETRIC VIEW
CURB RAMP WITH GUTTER DETAIL**



**CURB RAMP WITH
RETURNED CURB**

GENERAL NOTES

- (A) PERPENDICULAR CURB RAMPS TO BE USED WHEN TOTAL SIDEWALK OR SIDEWALK AND GRASS STRIP WIDTH IS 12' OR GREATER. SEE STD. DWG. MM-CR-5 FOR PERPENDICULAR CURB RAMP IN CURVE, AND SEE STD. DWG. MM-CR-6 FOR PERPENDICULAR CURB RAMP PLACED OUTSIDE CURVE. PERPENDICULAR CURB RAMP MINIMUM DIMENSION SHOWN FOR 6" VERTICAL CURB.
- (B) CURB SHALL BE FLUSH ACROSS ENTIRE WIDTH OF CURB RAMP. DETECTABLE WARNING SURFACES SHALL EXTEND 2' IN THE DIRECTION OF PEDESTRIAN TRAVEL AT CURB RAMPS AND BLENDED TRANSITIONS. DETECTABLE WARNING SURFACES SHALL EXTEND THE FULL WIDTH OF THE RAMP RUN (EXCLUDING ANY FLARED SIDES), BLENDED TRANSITION, OR TURNING SPACE. SEE STD. DWG. MM-CR-1 FOR DETECTABLE WARNING SURFACE DETAILS.
- (C) DESIGN / CONSTRUCTION MODIFICATIONS MAY BE REQUIRED FOR CURB RAMPS TO BE INSTALLED ALONG A ROADWAY WITH LONGITUDINAL GRADES EXCEEDING 5%. ENGINEER SHOULD BE NOTIFIED FOR ASSESSMENT IF THE CURB RAMP SIDE FLARES EXCEED 10' IN LENGTH DUE TO THE LONGITUDINAL GRADE.
- (D) PAYMENT:
NEW:
ALL COSTS OF INSTALLING CURB RAMP(S), INCLUDING DETECTABLE WARNING SURFACE(S) IN NEWLY CONSTRUCTED SIDEWALK AREAS, SHALL BE PAID BY ITEM NO. 701-02.03, CONCRETE CURB RAMP, PER SQUARE FOOT.
RETROFIT:
ALL COSTS OF INSTALLING CURB RAMP(S), INCLUDING DETECTABLE WARNING SURFACE(S) IN EXISTING SIDEWALK AREAS, REMOVAL OF THE EXISTING SIDEWALK, AND ADJUSTMENT OF GUTTER PAN SLOPE, SHALL BE PAID BY ITEM NO. 701-02.01, CONCRETE CURB RAMP (RETROFIT), PER SQUARE FOOT.
PAYMENT SHALL INCLUDE ALL MATERIALS, EQUIPMENT, AND LABOR NECESSARY FOR CONSTRUCTION OF THE CURB RAMP(S), INCLUDING INSTALLATION OF DETECTABLE WARNING SURFACE(S).
PAYMENT SHALL INCLUDE ALL MATERIALS, EQUIPMENT, AND LABOR INSTALLATION OF CURB RAMP(S), INCLUDING INSTALLATION OF DETECTABLE WARNING SURFACE(S).
COST OF CURB AND GUTTER TO BE INCLUDED IN THE PRICE OF ITEM NO. 702-01, CONCRETE CURB, PER C. Y. OR ITEM NO. 702-03, CONCRETE COMBINED CURB & GUTTER, PER C. Y.
- (E) WHERE NEW CURB RAMP CONDITIONS DO NOT MEET EXISTING SIDEWALK, THE DESIGNER SHALL ADD ADDITIONAL QUANTITY FOR 15 FEET OF SIDEWALK MODIFICATION TO TIE TO THE EXISTING GRADE.
- (F) SIGNALIZED INTERSECTIONS WITH SIDEWALK SHALL HAVE PEDESTRIAN SIGNAL HEADS AND PUSHBUTTONS. ALL ACCESSIBLE PEDESTRIAN SIGNAL (APS) PUSHBUTTONS SHALL BE ALIGNED WITH THE DIRECTION OF THE RAMP. SEE TDOT TRAFFIC DESIGN MANUAL FOR DETAILS.
- (G) FOR ADDITIONAL SIDEWALK DETAILS AND IF MAILBOXES ARE REMOVED DURING INSTALLATION OF THE CURB RAMP, PROVIDE A 12' X 12' OPENING BEHIND THE CURB. SEE STD. DWG. MM-SW-1.
- (H) IF GRASS STRIP IS INSTALLED, THE SIDE FLARES MAY BE OMITTED AND A RETURNED CURB OPTION MAY BE USED.
- (I) DESIRABLE SIDEWALK CROSS SLOPE IS 1.5%, ABSOLUTE MAXIMUM IS 2.0%.
- (J) SURFACE TEXTURE TO BE OBTAINED BY A COARSE BROOMING TRANSVERSE TO THE SLOPE OF CURB RAMP.
- (K) SEE STD. DWG. T-M-4 FOR CROSSWALK MARKING DETAILS.

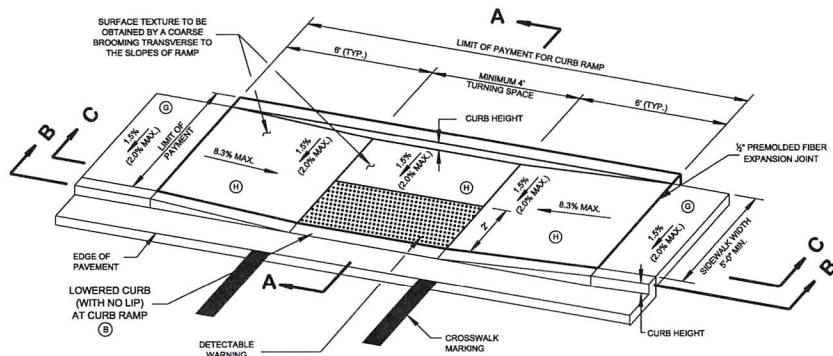
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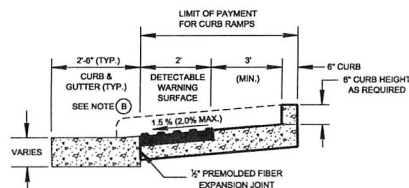
PERPENDICULAR
CURB RAMP

01-07-2019

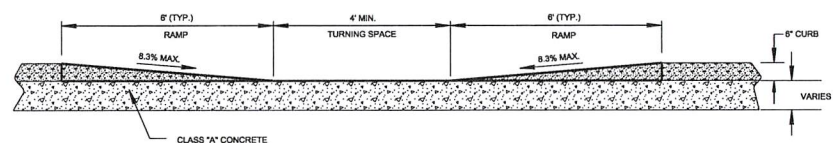
MM-CR-2



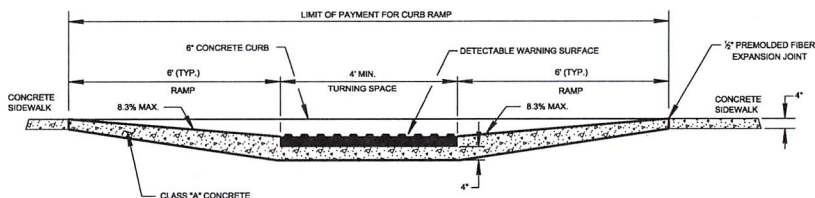
PARALLEL CURB RAMP DETAIL
DIMENSIONS SHOWN ABOVE FOR 0% LONGITUDINAL ROADWAY GRADE



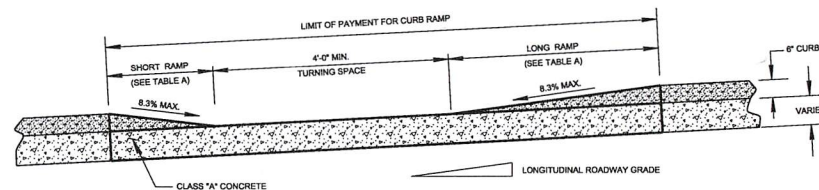
SECTION A-A



SECTION B-B
DIMENSIONS SHOWN ABOVE FOR 0% LONGITUDINAL ROADWAY GRADE



SECTION C-C
DIMENSIONS SHOWN ABOVE FOR 0% LONGITUDINAL ROADWAY GRADE



ALTERNATE SECTION B-B
PARALLEL CURB RAMP DETAIL SHOWN WITH LONGITUDINAL ROADWAY GRADE
NOTE: MODIFICATIONS MAY BE REQUIRED FOR LONGITUDINAL ROADWAY GRADES STEEPER THAN 5%. ENGINEER SHOULD BE NOTIFIED FOR ASSESSMENT IF THE CURB RAMP RUN EXCEEDS 15' IN LENGTH DUE TO THE LONGITUDINAL ROADWAY GRADE.

TABLE A

LONGITUDINAL ROADWAY GRADE	LONG RAMP	SHORT RAMP	PAY AREA S.F.
5 %	15'-0"	3'-9"	114
4 %	11'-6"	4'-1"	98
3 %	9'-5"	4'-5"	90
2 %	7'-11"	4'-10"	84
1 %	6'-10"	5'-5"	92
0 %	6'-0"	6'-0"	80

BASED ON 5' SIDEWALK WIDTH (EXCLUDING BACK CURB)

GENERAL NOTES

- (A) PARALLEL CURB RAMP MAY BE USED WHEN SIDEWALK WIDTH IS LESS THAN 12' AND CURB RAMP IS LOCATED ALONG TANGENT SIDEWALK SECTION OF ROADWAY. FOR PARALLEL CURB RAMP INSTALLED IN CURVE SEE STD. DWG. MM-CR-7.
- (B) CURB SHALL BE FLUSH ACROSS ENTIRE WIDTH OF CURB RAMP. DETECTABLE WARNING SURFACES SHALL EXTEND 2' IN THE DIRECTION OF PEDESTRIAN TRAVEL. AT CURB RAMP AND BLENDED TRANSITIONS, DETECTABLE WARNING SURFACES SHALL EXTEND THE FULL WIDTH OF THE RAMP RUN (EXCLUDING ANY FLARED SIDES), BLENDED TRANSITION, OR TURNING SPACE. SEE STD. DWG. MM-CR-1 FOR DETECTABLE WARNING SURFACE DETAILS.
- (C) DESIGN / CONSTRUCTION MODIFICATIONS MAY BE REQUIRED FOR CURB RAMP TO BE INSTALLED ALONG A ROADWAY WITH LONGITUDINAL GRADES EXCEEDING 5%. ENGINEER SHOULD BE NOTIFIED FOR ASSESSMENT IF THE CURB RAMP SIDE FLARES EXCEED 15' IN LENGTH DUE TO THE LONGITUDINAL GRADE.
- (D) PAYMENT:
- NEW:
ALL COSTS OF INSTALLING CURB RAMP(S), INCLUDING DETECTABLE WARNING SURFACE(S) IN NEWLY CONSTRUCTED SIDEWALK AREAS, SHALL BE PAID BY ITEM NO. 701-02.03, CONCRETE CURB RAMP, PER SQUARE FOOT.
- PAYMENT SHALL INCLUDE ALL MATERIALS, EQUIPMENT, AND LABOR NECESSARY FOR CONSTRUCTION OF THE CURB RAMP(S), INCLUDING INSTALLATION OF DETECTABLE WARNING SURFACE(S).
- RETROFIT:
ALL COSTS OF INSTALLING CURB RAMP(S), INCLUDING DETECTABLE WARNING SURFACE(S) IN EXISTING SIDEWALK AREAS, REMOVAL OF THE EXISTING SIDEWALK, AND ADJUSTMENT OF GUTTER PAN SLOPE, SHALL BE PAID BY ITEM NO. 701-02.01, CONCRETE CURB RAMP (RETROFIT), PER SQUARE FOOT.
- PAYMENT SHALL INCLUDE ALL MATERIALS, EQUIPMENT, AND LABOR INSTALLATION OF CURB RAMP(S), INCLUDING INSTALLATION OF DETECTABLE WARNING SURFACE(S).
- COST OF CURB AND GUTTER TO BE INCLUDED IN THE PRICE OF ITEM NO. 702-01, CONCRETE CURB, PER C. Y. OR ITEM NO. 702-03, CONCRETE COMBINED CURB & GUTTER, PER C. Y.
- (E) FOR SIGNALIZED INTERSECTIONS THAT REQUIRE PEDESTRIAN SIGNAL PUSHBUTTONS, SEE TDOT TRAFFIC DESIGN MANUAL FOR PLACEMENT DETAILS.
- (F) FOR ADDITIONAL SIDEWALK DETAILS AND IF MAILBOXES ARE REMOVED DURING INSTALLATION OF THE CURB RAMP, PROVIDE A 12" X 12" OPENING BEHIND THE CURB. SEE STD. DWG. MM-SW-1.
- (G) WHERE NEW CURB RAMP CONDITIONS DO NOT MEET EXISTING SIDEWALK, THE DESIGNER SHALL ADD ADDITIONAL QUANTITY FOR UP TO 15 FEET IN EACH DIRECTION OF SIDEWALK MODIFICATION TO TIE TO THE EXISTING GRADE.
- (H) SURFACE TEXTURE TO BE OBTAINED BY A COARSE BROOMING TRANSVERSE TO THE SLOPE OF CURB RAMP.
- (I) SEE STD. DWG. T-M-4 FOR CROSSWALK MARKING DETAILS.

(Replaced Std Dwg RP-H-5)

STATE OF TENNESSEE
STANDARD
DRAWING
DEPARTMENT OF TRANSPORTATION

PARALLEL
CURB RAMP

01-07-2019

MM-CR-3



(A) IF THE MEDIAN IS LESS THAN 6' WIDE, THE AREA IS NOT A PEDESTRIAN REFUGE AND NO DETECTABLE WARNING SURFACES ARE REQUIRED.

(B) CURB SHALL BE LOWERED ACROSS ENTIRE WIDTH OF RAMP.

(C) THE GRADE OF THE MEDIAN REFUGE SHOULD NOT EXCEED 5%.

(D) FOR ADDITIONAL DETAILS AND OTHER INFORMATION NOT SHOWN ON THIS DRAWING, SUCH AS LIMITS OF PAYMENT, SEE STD. DWG. MM-CR-2.

(E) FOR DETECTABLE WARNING SURFACE DETAILS, SEE STD. DWG. MM-CR-1.

(F) FOR CROSSWALK MARKING DETAILS, SEE STD. DWG. T-M-4.

(G) THE 5'-0" MIN. CURB RAMP WIDTH IS APPLICABLE FOR CUT-THRU MEDIANS AND PEDESTRIAN ISLAND REFUGES ONLY, OTHERWISE 4'-0" MIN. CURB RAMP WIDTH MAY BE USED.

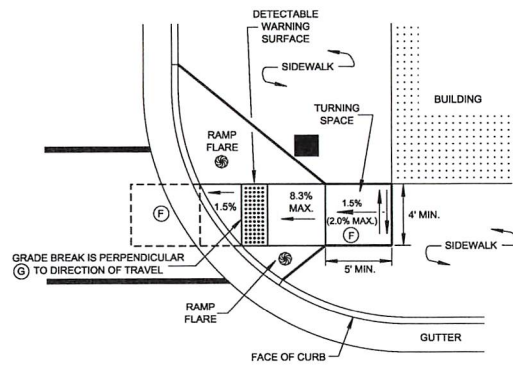
(H) PAYMENT:
COST OF CURB AND GUTTER TO BE INCLUDED IN THE PRICE OF ITEM NO. 702-01, CONCRETE CURB, PER C. Y. OR ITEM NO. 702-03, CONCRETE COMBINED CURB & GUTTER, PER C. Y.

NEW CURB RAMPS:
ALL COSTS OF INSTALLING CURB RAMP(S), INCLUDING TRUNCATED DOME SURFACE(S) IN NEWLY CONSTRUCTED SIDEWALK AREAS, SHALL BE PAID BY ITEM NO. 701-02-03, CONCRETE CURB RAMP, PER SQUARE FOOT.

PAYMENT SHALL INCLUDE ALL MATERIALS, EQUIPMENT, AND LABOR NECESSARY FOR CONSTRUCTION OF THE CURB RAMP(S), INCLUDING INSTALLATION OF DETECTABLE WARNING SURFACE(S).

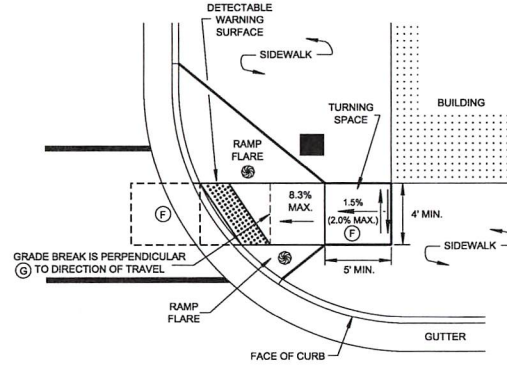
CURB RAMPS (RETROFIT):
ALL COSTS OF INSTALLING CURB RAMP(S), INCLUDING TRUNCATED DOME SURFACE(S) IN EXISTING SIDEWALK AREAS, REMOVAL OF THE EXISTING SIDEWALK, AND ADJUSTMENT OF GUTTER PAN SLOPE, SHALL BE PAID BY ITEM NO. 701-02-01, CONCRETE CURB RAMP (RETROFIT), PER SQUARE FOOT.

PAYMENT SHALL INCLUDE ALL MATERIALS, EQUIPMENT, AND LABOR INSTALLATION OF CURB RAMP(S), INCLUDING INSTALLATION OF DETECTABLE WARNING SURFACE(S).

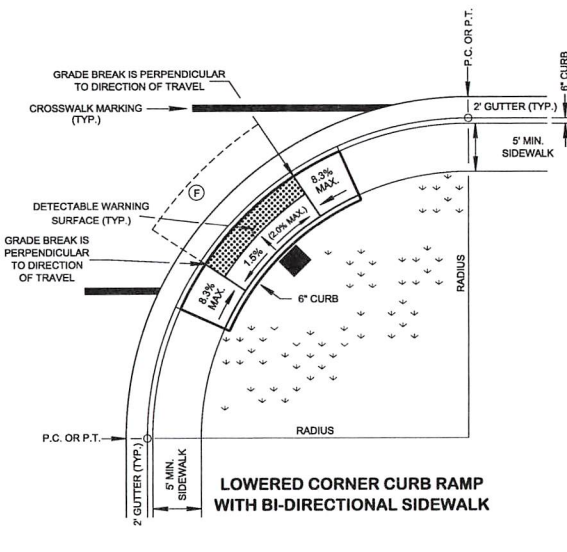


BI-DIRECTIONAL SIDEWALK

**PERPENDICULAR CURB RAMPS
FOR SINGLE CROSSING**

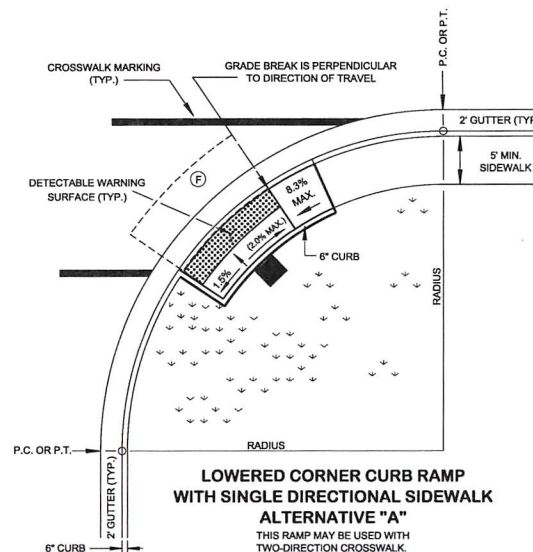


BI-DIRECTIONAL SIDEWALK
ALTERNATIVE PLACEMENT



LOWERED CORNER CURB RAMP
WITH BI-DIRECTIONAL SIDEWALK

**PARALLEL CURB RAMPS
FOR SINGLE CROSSING**



LOWERED CORNER CURB RAMP
WITH SINGLE DIRECTIONAL SIDEWALK
ALTERNATIVE "A"
THIS RAMP MAY BE USED WITH
TWO-DIRECTION CROSSWALK.

LEGEND

- ⊙ DIMENSION VARIES RELATIVE TO LONGITUDINAL ROADWAY GRADE, 8.3% DESIRABLE (10.0% MAX.)
- DENOTES: APPROXIMATE PEDESTRIAN POLE/PUSHBUTTON LOCATION FOR SIGNALIZED INTERSECTIONS

GENERAL NOTES

- A FOR DETECTABLE WARNING SURFACE DETAILS SEE STD. DWG. MM-CR-1. FOR ADDITIONAL DETAILS AND OTHER INFORMATION FOR PERPENDICULAR CURB RAMPS NOT SHOWN ON THIS DRAWING SEE STD. DWG. MM-CR-2 AND FOR PARALLEL CURB RAMPS SEE STD. DWG. MM-CR-3. FOR CROSSWALK MARKING DETAILS SEE STD. DWG. T-M-4.
- B IF PERPENDICULAR CURB RAMPS AND TURNING SPACE CANNOT BE CONSTRUCTED DUE TO LIMITED RIGHT-OF-WAY, USE PARALLEL CURB RAMP INSTEAD.
- C CARE SHALL BE TAKEN ON ALL ROADWAY CURB RAMPS AT INTERSECTIONS WITH SIDEWALK AND CURB RAMPS TO ENSURE A UNIFORM GRADE AROUND THEM. THE ROADWAY CURB RAMP GRADE SHALL BE FREE OF SAGS AND SHORT GRADE CHANGES.
- D SIDEWALK WIDTH SHALL NOT INCLUDE 6" CONCRETE CURB. THE DESIRABLE SIDEWALK CROSS SLOPE IS 1.5 %, ABSOLUTE MAXIMUM IS 2.0%.
- E DRAINAGE STRUCTURES SHALL NOT BE PLACED IN THE CROSSWALK OR IN FRONT OF THE CURB RAMP.
- F TURNING SPACE \ CLEAR SPACE:

CLEAR SPACE BEYOND THE BOTTOM GRADE BREAK: A CLEAR SPACE 4' (MIN.) BY 4' (MIN.) SHALL BE PROVIDED WITHIN THE WIDTH OF THE PEDESTRIAN STREET CROSSING AND WHOLLY OUTSIDE THE PARALLEL VEHICLE TRAVEL LANE.

TURNING SPACE MUST BE PROVIDED AT THE TOP OF PERPENDICULAR CURB RAMPS. THE TURNING SPACE MUST BE 4' (MIN.) BY 4' (MIN.), AND IS PERMITTED TO OVERLAP OTHER TURNING SPACES AND CLEAR SPACES. WHERE THE TURNING SPACE IS CONSTRAINED AT THE BACK OF THE SIDEWALK, THE TURNING SPACE MUST BE 4' (MIN.) BY 5' (MIN.), WITH THE 5' DIMENSION PROVIDED IN THE DIRECTION OF THE RAMP RUN.

FOR PARALLEL CURB RAMPS, A TURNING SPACE 4' (MIN.) BY 4' (MIN.) SHALL BE PROVIDED AT THE BOTTOM OF THE CURB RAMP AND SHALL BE PERMITTED TO OVERLAP OTHER TURNING SPACES AND CLEAR SPACES. IF THE TURNING SPACE IS CONSTRAINED ON 2 OR MORE SIDES, THE TURNING SPACE SHALL 4' (MIN.) BY 5' (MIN.). THE 5' DIMENSION SHALL BE PROVIDED IN THE DIRECTION OF THE PEDESTRIAN STREET CROSSING.
- G GRADE BREAKS:

GRADE BREAKS AT THE TOP AND BOTTOM OF CURB RAMP RUNS SHALL BE PERPENDICULAR TO THE DIRECTION OF THE CURB RAMP RUN. GRADE BREAKS SHALL NOT BE PERMITTED ON THE SURFACE OF CURB RAMP RUNS AND TURNING SPACES. SURFACE SLOPES THAT MEET AT GRADE BREAKS SHALL BE FLUSH.

WHERE THE END OF BOTTOM GRADE BREAK ARE BEHIND THE BACK OF CURB AND THE DISTANCE FROM EITHER END OF THE BOTTOM GRADE BREAK TO THE BACK OF CURB IS 6' OR LESS, DETECTABLE WARNING SURFACES SHALL BE PLACED ON THE CURB RAMP RUN WITHIN ONE DOME SPACING OF THE BOTTOM GRADE BREAK.
- H PEDESTRIAN SIGNAL PUSHBUTTON:

WHERE PEDESTRIAN SIGNALS ARE PROVIDED AT PEDESTRIAN STREET CROSSINGS, THEY SHALL INCLUDE ACCESSIBLE PEDESTRIAN SIGNALS AND POLYPEDESTRIAN PUSHBUTTONS COMPLYING WITH SECTIONS 4E.08 THROUGH 4E.13 OF THE MUTCD. FOR DETAILS OF THE PLACING OF PEDESTRIAN SIGNAL PUSHBUTTONS SEE TDOT TRAFFIC DESIGN MANUAL.

WHEN TWO PEDESTRIAN PUSHBUTTONS ARE ON ONE CORNER THEY WILL BE SEPARATED BY 10 FEET.
- I PAYMENT:

COST OF CURB AND GUTTER TO BE INCLUDED IN THE PRICE OF ITEM NO. 702-01, CONCRETE CURB, PER C. Y. OR ITEM NO. 702-03, CONCRETE COMBINED CURB & GUTTER, PER C. Y.

NEW CURB RAMPS:

ALL COSTS OF INSTALLING CURB RAMP(S), INCLUDING DETECTABLE WARNING SURFACE(S) IN NEWLY CONSTRUCTED SIDEWALK AREAS, SHALL BE PAID BY ITEM NO. 701-02.03, CONCRETE CURB RAMP, PER SQUARE FOOT.

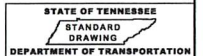
PAYMENT SHALL INCLUDE ALL MATERIALS, EQUIPMENT, AND LABOR NECESSARY FOR CONSTRUCTION OF THE CURB RAMP(S), INCLUDING INSTALLATION OF DETECTABLE WARNING SURFACE(S).

CURB RAMPS (RETROFIT):

ALL COSTS OF INSTALLING CURB RAMP(S), INCLUDING DETECTABLE WARNING SURFACE(S) IN EXISTING SIDEWALK AREAS, REMOVAL OF THE EXISTING SIDEWALK, AND ADJUSTMENT OF GUTTER PAN SLOPE, SHALL BE PAID BY ITEM NO. 701-02.01, CONCRETE CURB RAMP (RETROFIT), PER SQUARE FOOT.

PAYMENT SHALL INCLUDE ALL MATERIALS, EQUIPMENT, AND LABOR INSTALLATION OF CURB RAMP(S), INCLUDING INSTALLATION OF DETECTABLE WARNING SURFACE(S).

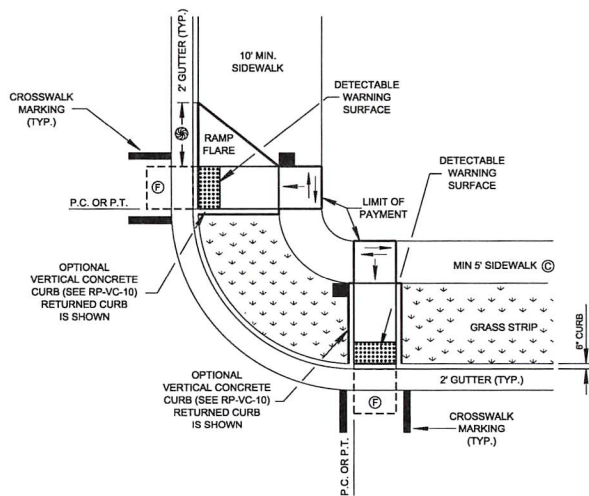
(Replaced Std Dwg RP-H-7)



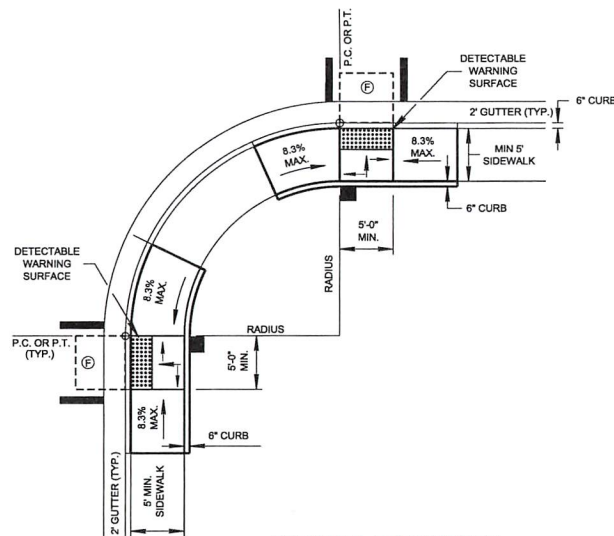
**SINGLE CROSSING
CURB RAMP
IN CURVE**

01-07-2019 MM-CR-5

NOT TO SCALE



**PERPENDICULAR CURB RAMP OUTSIDE RADIUS
(WITH GRASS STRIP OR WIDE SIDEWALK)**



**PARALLEL CURB RAMPS
OUTSIDE RADIUS**

LEGEND

- ⊙ DIMENSION VARIES RELATIVE TO LONGITUDINAL ROADWAY GRADE, 8.3% DESIRABLE (10.0% MAX.)
- DENOTES: APPROXIMATE PEDESTRIAN POLE/PUSHBUTTON LOCATION FOR SIGNALIZED INTERSECTIONS
- 1.5% (2.0% MAX.)

GENERAL NOTES

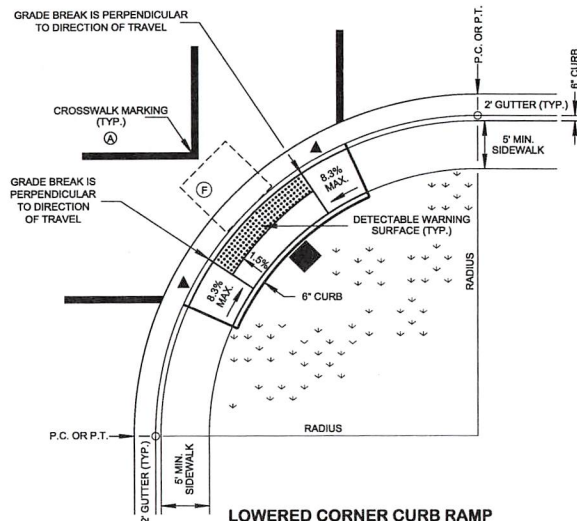
- (A) FOR DETECTABLE WARNING SURFACE DETAILS SEE STD. DWG. MM-CR-1. FOR ADDITIONAL DETAILS AND OTHER INFORMATION FOR PERPENDICULAR CURB RAMPS NOT SHOWN ON THIS DRAWING SEE STD. DWG. MM-CR-2 AND FOR PARALLEL CURB RAMPS SEE STD. DWG. MM-CR-3. FOR CROSSWALK MARKING DETAILS SEE STD. DWG. T-M-4.
- (B) IF PERPENDICULAR CURB RAMPS AND TURNING SPACE CANNOT BE CONSTRUCTED DUE TO LIMITED RIGHT-OF-WAY, USE PARALLEL CURB RAMP INSTEAD.
- (C) CARE SHALL BE TAKEN ON ALL ROADWAY CURB RAMPS AT INTERSECTIONS WITH SIDEWALK AND CURB RAMPS TO ENSURE A UNIFORM GRADE AROUND THEM. THE ROADWAY CURB RAMP GRADE SHALL BE FREE OF SAGS AND SHORT GRADE CHANGES.
- (D) SIDEWALK WIDTH SHALL NOT INCLUDE 6" CONCRETE CURB. THE DESIRABLE SIDEWALK CROSS SLOPE IS 1.5 %, ABSOLUTE MAXIMUM IS 2.0%.
- (E) DRAINAGE STRUCTURES SHALL NOT BE PLACED IN THE CROSSWALK OR IN FRONT OF THE CURB RAMP.
- (F) TURNING SPACE \ CLEAR SPACE:
CLEAR SPACE BEYOND THE BOTTOM GRADE BREAK, A CLEAR SPACE 4' (MIN.) BY 4' (MIN.) SHALL BE PROVIDED WITHIN THE WIDTH OF THE PEDESTRIAN STREET CROSSING AND WHOLLY OUTSIDE THE PARALLEL VEHICLE TRAVEL LANE.
TURNING SPACE MUST BE PROVIDED AT THE TOP OF PERPENDICULAR CURB RAMPS. THE TURNING SPACE MUST BE 4' (MIN.) BY 4' (MIN.), AND IS PERMITTED TO OVERLAP OTHER TURNING SPACES AND CLEAR SPACES. WHERE THE TURNING SPACE IS CONSTRAINED AT THE BACK OF THE SIDEWALK, THE TURNING SPACE MUST BE 4' (MIN.) BY 5' (MIN.), WITH THE 5' DIMENSION PROVIDED IN THE DIRECTION OF THE RAMP RUN.
FOR PARALLEL CURB RAMPS, A TURNING SPACE 4' (MIN.) BY 4' (MIN.) SHALL BE PROVIDED AT THE BOTTOM OF THE CURB RAMP AND SHALL BE PERMITTED TO OVERLAP OTHER TURNING SPACES AND CLEAR SPACES. IF THE TURNING SPACE IS CONSTRAINED ON 2 OR MORE SIDES, THE TURNING SPACE SHALL 4' (MIN.) BY 5' (MIN.). THE 5' DIMENSION SHALL BE PROVIDED IN THE DIRECTION OF THE PEDESTRIAN STREET CROSSING.
- (G) GRADE BREAKS:
GRADE BREAKS AT THE TOP AND BOTTOM OF CURB RAMP RUNS SHALL BE PERPENDICULAR TO THE DIRECTION OF THE CURB RAMP RUN. GRADE BREAKS SHALL NOT BE PERMITTED ON THE SURFACE OF CURB RAMP RUNS AND TURNING SPACES. SURFACE SLOPES THAT MEET AT GRADE BREAKS SHALL BE FLUSH.
WHERE THE END OF BOTTOM GRADE BREAK ARE BEHIND THE BACK OF CURB AND THE DISTANCE FROM EITHER END OF THE BOTTOM GRADE BREAK TO THE BACK OF CURB IS 5' OR LESS, DETECTABLE WARNING SURFACES SHALL BE PLACED ON THE CURB RAMP RUN WITHIN ONE DOME SPACING OF THE BOTTOM GRADE BREAK.
- (H) PEDESTRIAN SIGNAL PUSHBUTTON:
WHERE PEDESTRIAN SIGNALS ARE PROVIDED AT PEDESTRIAN STREET CROSSINGS, THEY SHALL INCLUDE ACCESSIBLE PEDESTRIAN SIGNALS AND POLE/PEDESTRIAN PUSHBUTTONS COMPLYING WITH SECTIONS 4E.08 THROUGH 4E.13 OF THE MUTCD. FOR DETAILS OF THE PLACING OF PEDESTRIAN SIGNAL PUSHBUTTONS SEE TDOT TRAFFIC DESIGN MANUAL.
WHEN TWO PEDESTRIAN PUSHBUTTONS ARE ON ONE CORNER THEY WILL BE SEPARATED BY 10 FEET.
- (I) PAYMENT:
COST OF CURB AND GUTTER TO BE INCLUDED IN THE PRICE OF ITEM NO. 702-01, CONCRETE CURB, PER C. Y. OR ITEM NO. 702-03, CONCRETE COMBINED CURB & GUTTER, PER C. Y.
NEW CURB RAMPS:
ALL COSTS OF INSTALLING CURB RAMP(S), INCLUDING DETECTABLE WARNING SURFACE(S) IN NEWLY CONSTRUCTED SIDEWALK AREAS, SHALL BE PAID BY ITEM NO. 701-02-03, CONCRETE CURB RAMP, PER SQUARE FOOT.
PAYMENT SHALL INCLUDE ALL MATERIALS, EQUIPMENT, AND LABOR NECESSARY FOR CONSTRUCTION OF THE CURB RAMP(S), INCLUDING INSTALLATION OF DETECTABLE WARNING SURFACE(S).
CURB RAMPS (RETROFIT):
ALL COSTS OF INSTALLING CURB RAMP(S), INCLUDING DETECTABLE WARNING SURFACE(S) IN EXISTING SIDEWALK AREAS, REMOVAL OF THE EXISTING SIDEWALK, AND ADJUSTMENT OF GUTTER PAN SLOPE, SHALL BE PAID BY ITEM NO. 701-02-01, CONCRETE CURB RAMP (RETROFIT), PER SQUARE FOOT.
PAYMENT SHALL INCLUDE ALL MATERIALS, EQUIPMENT, AND LABOR INSTALLATION OF CURB RAMP(S), INCLUDING INSTALLATION OF DETECTABLE WARNING SURFACE(S).

(Replaced Std Dwg RP-H-8)

STATE OF TENNESSEE
STANDARD
DRAWING
DEPARTMENT OF TRANSPORTATION
**DUAL CROSSING
CURB RAMP
PLACED
OUTSIDE CURVE**

01-07-2019

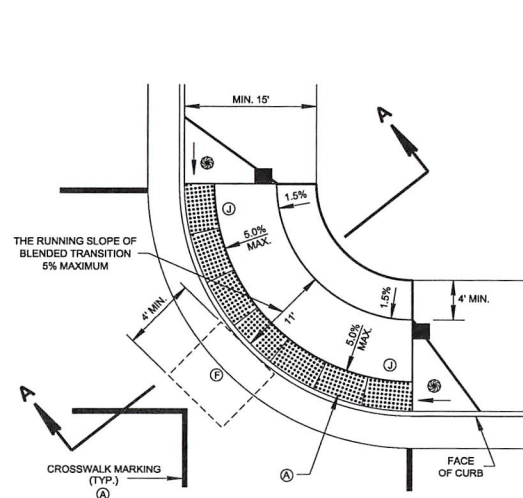
MM-CR-6



LOWERED CORNER CURB RAMP WITH BI-DIRECTIONAL SIDEWALK

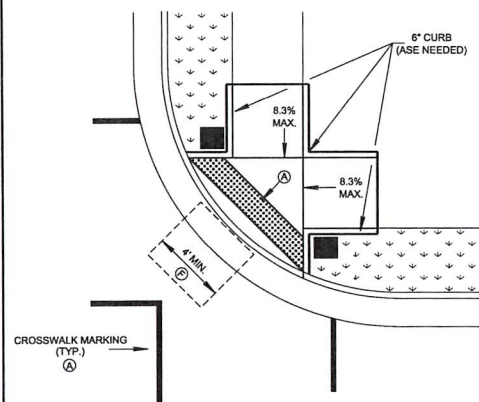
LOWERED CORNER CURB RAMP TO BE USED AS AN ALTERNATE TO BLENDED TRANSITION WHEN REQUIRED DUE TO GEOMETRIC LIMITATIONS.

THIS DETAIL MAY BE USED WHERE SIDEWALK WIDTHS ARE LESS THAN 10' WIDE AND CURB RAMP IS LOCATED ANYWHERE WITHIN A CURVED SECTION OF SIDEWALK.

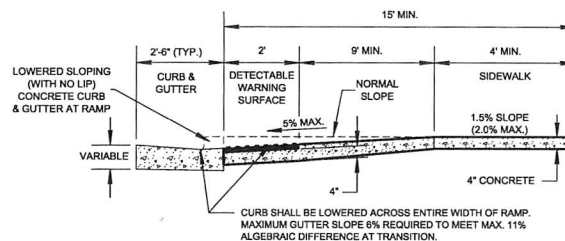


BLENDED TRANSITION

BLENDED TRANSITIONS ARE ALTERNATIVE ONLY WHEN PARALLEL, PERPENDICULAR AND COMBINATION CURB RAMP(S) WILL NOT WORK DUE TO GEOMETRIC CONSTRAINTS. BLENDED TRANSITIONS ARE RAISED PEDESTRIAN STREET CROSSINGS, DEPRESSED CORNERS, OR SIMILAR CONNECTIONS BETWEEN PEDESTRIAN ACCESS ROUTES AT THE LEVEL OF THE SIDEWALK AND THE LEVEL OF THE PEDESTRIAN STREET CROSSING THAT HAVE A GRADE OF 5% OR LESS. BLENDED TRANSITIONS ARE SUITABLE FOR A RANGE OF SIDEWALK CONDITIONS.



PARALLEL CURB RAMP

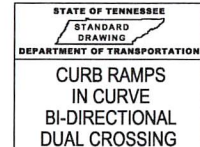


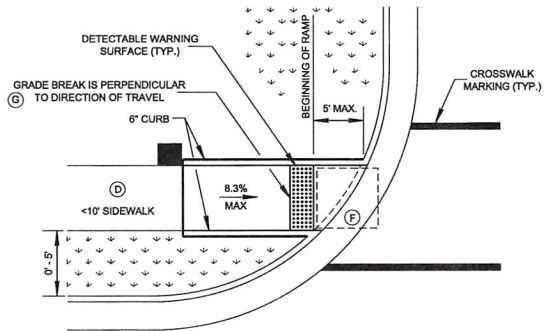
SECTION A-A

LEGEND	
⊙	DIMENSION VARIES RELATIVE TO LONGITUDINAL ROADWAY GRADE, 8.3% DESIRABLE (10.0% MAX.)
■	DENOTES: APPROXIMATE PEDESTRIAN POLE/PUSHBUTTON LOCATION FOR SIGNALIZED INTERSECTIONS
▲	CLEARLY MAINTAIN THE DEFINED PERIMETER OF THE RAMP AT LOCATIONS WHERE THE GRADE OF THE ROADWAY MAY MATCH THE SLOPE OF THE RAMP.

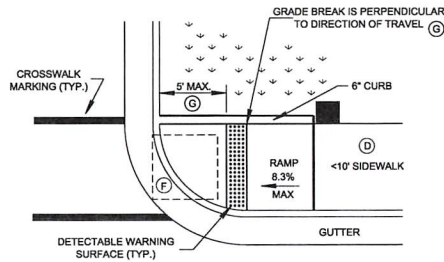
GENERAL NOTES	
A	FOR DETECTABLE WARNING SURFACE DETAILS SEE STD. DWG. MM-CR-1. FOR ADDITIONAL DETAILS AND OTHER INFORMATION FOR PERPENDICULAR CURB RAMP(S) NOT SHOWN ON THIS DRAWING SEE STD. DWG. MM-CR-2 AND FOR PARALLEL CURB RAMP(S) SEE STD. DWG. MM-CR-3. FOR CROSSWALK MARKING DETAILS SEE STD. DWG. T-1-M-4.
B	IF PERPENDICULAR CURB RAMP(S) AND TURNING SPACE CANNOT BE CONSTRUCTED DUE TO LIMITED RIGHT-OF-WAY, USE PARALLEL CURB RAMP INSTEAD.
C	CARE SHALL BE TAKEN ON ALL ROADWAY CURB RAMP(S) AT INTERSECTIONS WITH SIDEWALK AND CURB RAMP(S) TO ENSURE A UNIFORM GRADE AROUND THEM. THE ROADWAY CURB RAMP GRADE SHALL BE FREE OF SAGS AND SHORT GRADE CHANGES.
D	SIDEWALK WIDTH SHALL NOT INCLUDE 6" CONCRETE CURB. THE DESIRABLE SIDEWALK CROSS SLOPE IS 1.5 %, ABSOLUTE MAXIMUM IS 2.0%.
E	DRAINAGE STRUCTURES SHALL NOT BE PLACED IN THE CROSSWALK OR IN FRONT OF THE CURB RAMP.
F	TURNING SPACE \ CLEAR SPACE: CLEAR SPACE BEYOND THE BOTTOM GRADE BREAK, A CLEAR SPACE 4' (MIN.) BY 4' (MIN.) SHALL BE PROVIDED WITHIN THE WIDTH OF THE PEDESTRIAN STREET CROSSING AND WHOLLY OUTSIDE THE PARALLEL VEHICLE TRAVEL LANE. TURNING SPACE MUST BE PROVIDED AT THE TOP OF PERPENDICULAR CURB RAMP(S). THE TURNING SPACE MUST BE 4' (MIN.) BY 4' (MIN.), AND IS PERMITTED TO OVERLAP OTHER TURNING SPACES AND CLEAR SPACES. WHERE THE TURNING SPACE IS CONSTRAINED AT THE BACK OF THE SIDEWALK, THE TURNING SPACE MUST BE 4' (MIN.) BY 5' (MIN.), WITH THE 5' DIMENSION PROVIDED IN THE DIRECTION OF THE RAMP RUN. FOR PARALLEL CURB RAMP(S), A TURNING SPACE 4' (MIN.) BY 4' (MIN.) SHALL BE PROVIDED AT THE BOTTOM OF THE CURB RAMP AND SHALL BE PERMITTED TO OVERLAP OTHER TURNING SPACES AND CLEAR SPACES. IF THE TURNING SPACE IS CONSTRAINED ON 2 OR MORE SIDES, THE TURNING SPACE SHALL 4' (MIN.) BY 5' (MIN.). THE 5' DIMENSION SHALL BE PROVIDED IN THE DIRECTION OF THE PEDESTRIAN STREET CROSSING.
G	GRADE BREAKS: GRADE BREAKS AT THE TOP AND BOTTOM OF CURB RAMP RUNS SHALL BE PERPENDICULAR TO THE DIRECTION OF THE CURB RAMP RUN. GRADE BREAKS SHALL NOT BE PERMITTED ON THE SURFACE OF CURB RAMP RUNS AND TURNING SPACES. SURFACE SLOPES THAT MEET AT GRADE BREAKS SHALL BE FLUSH. WHERE THE END OF BOTTOM GRADE BREAK IS BEHIND THE BACK OF CURB AND THE DISTANCE FROM EITHER END OF THE BOTTOM GRADE BREAK TO THE BACK OF CURB IS 5' OR LESS, DETECTABLE WARNING SURFACES SHALL BE PLACED ON THE CURB RAMP RUN WITHIN ONE DOME SPACING OF THE BOTTOM GRADE BREAK.
H	PEDESTRIAN SIGNAL PUSHBUTTON: WHERE PEDESTRIAN SIGNALS ARE PROVIDED AT PEDESTRIAN STREET CROSSINGS, THEY SHALL INCLUDE ACCESSIBLE PEDESTRIAN SIGNALS AND POLE/PEDESTRIAN PUSHBUTTONS COMPLYING WITH SECTIONS 4E.08 THROUGH 4E.13 OF THE MUTCD. FOR DETAILS OF THE PLACING OF PEDESTRIAN SIGNAL PUSHBUTTONS SEE TDOT TRAFFIC DESIGN MANUAL. WHEN TWO PEDESTRIAN PUSHBUTTONS ARE ON ONE CORNER THEY WILL BE SEPARATED BY 10 FEET.
I	PAYMENT: COST OF CURB AND GUTTER TO BE INCLUDED IN THE PRICE OF ITEM NO. 702-01, CONCRETE CURB, PER C. Y. OR ITEM NO. 702-03, CONCRETE COMBINED CURB & GUTTER, PER C. Y. NEW CURB RAMP(S): ALL COSTS OF INSTALLING CURB RAMP(S), INCLUDING DETECTABLE WARNING SURFACE(S) IN NEWLY CONSTRUCTED SIDEWALK AREAS, SHALL BE PAID BY ITEM NO. 701-02-01, CONCRETE CURB RAMP, PER SQUARE FOOT. PAYMENT SHALL INCLUDE ALL MATERIALS, EQUIPMENT, AND LABOR NECESSARY FOR CONSTRUCTION OF THE CURB RAMP(S), INCLUDING INSTALLATION OF DETECTABLE WARNING SURFACE(S). CURB RAMP(S) (RETROFIT): ALL COSTS OF INSTALLING CURB RAMP(S), INCLUDING DETECTABLE WARNING SURFACE(S) IN EXISTING SIDEWALK AREAS, REMOVAL OF THE EXISTING SIDEWALK, AND ADJUSTMENT OF GUTTER PAN SLOPE, SHALL BE PAID BY ITEM NO. 701-02-01, CONCRETE CURB RAMP (RETROFIT), PER SQUARE FOOT. PAYMENT SHALL INCLUDE ALL MATERIALS, EQUIPMENT, AND LABOR INSTALLATION OF CURB RAMP(S), INCLUDING INSTALLATION OF DETECTABLE WARNING SURFACE(S).
J	DETECTABLE WARNING SURFACE(S) SHALL COVER ENTIRE RADIUS WITHIN RAMP AND SHALL EXTEND TO THE CROSSWALK PAVEMENT MARKINGS ON EITHER SIDE.

(Replaced Std Dwg RP-H-9)

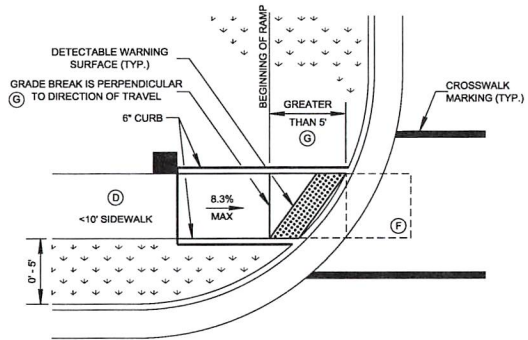




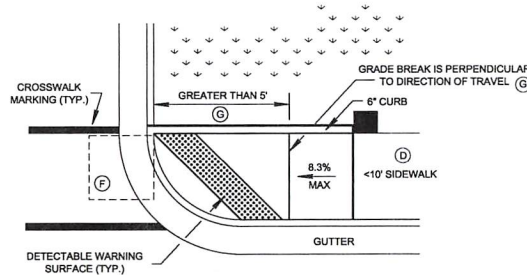
DETAIL A
MONO-DIRECTIONAL PERPENDICULAR CURB RAMP
WITH GRASS STRIP



DETAIL B
MONO-DIRECTIONAL PERPENDICULAR CURB RAMP
WITHOUT GRASS STRIP



DETAIL C
MONO-DIRECTIONAL PERPENDICULAR CURB RAMP
WITH GRASS STRIP AND GRADE BREAK > 5'



DETAIL D
MONO-DIRECTIONAL PERPENDICULAR CURB RAMP
WITH GRASS STRIP AND GRADE BREAK > 5'

LEGEND

- DENOTES: APPROXIMATE PEDESTRIAN POLE/PUSHBUTTON LOCATION FOR SIGNALIZED INTERSECTIONS

GENERAL NOTES

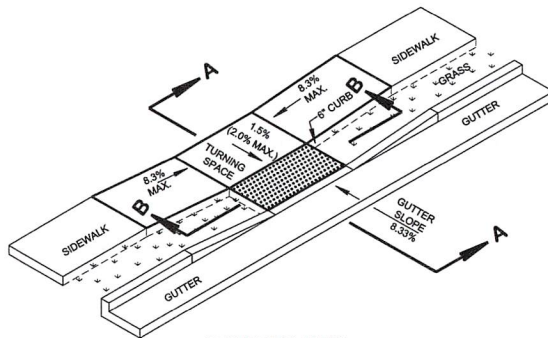
- (A) FOR DETECTABLE WARNING SURFACE DETAILS SEE STD. DWG. MM-CR-1. FOR ADDITIONAL DETAILS AND OTHER INFORMATION FOR PERPENDICULAR CURB RAMP NOT SHOWN ON THIS DRAWING SEE STD. DWG. MM-CR-2 AND FOR PARALLEL CURB RAMP SEE STD. DWG. MM-CR-3. FOR CROSSWALK MARKING DETAILS SEE STD. DWG. T-M-4.
- (B) IF PERPENDICULAR CURB RAMP AND TURNING SPACE CANNOT BE CONSTRUCTED DUE TO LIMITED RIGHT-OF-WAY, USE PARALLEL CURB RAMP INSTEAD.
- (C) CARE SHALL BE TAKEN ON ALL ROADWAY CURB RAMP AT INTERSECTIONS WITH SIDEWALK AND CURB RAMP TO ENSURE A UNIFORM GRADE AROUND THEM. THE ROADWAY CURB RAMP GRADE SHALL BE FREE OF SAGS AND SHORT GRADE CHANGES.
- (D) SIDEWALK WIDTH SHALL NOT INCLUDE 6" CONCRETE CURB. THE DESIRABLE SIDEWALK CROSS SLOPE IS 1.5 %, ABSOLUTE MAXIMUM IS 2.0%.
- (E) DRAINAGE STRUCTURES SHALL NOT BE PLACED IN THE CROSSWALK OR IN FRONT OF THE CURB RAMP.
- (F) TURNING SPACE \ CLEAR SPACE:
CLEAR SPACE BEYOND THE BOTTOM GRADE BREAK, A CLEAR SPACE 4' (MIN.) BY 4' (MIN.) SHALL BE PROVIDED WITHIN THE WIDTH OF THE PEDESTRIAN STREET CROSSING AND WHOLLY OUTSIDE THE PARALLEL VEHICLE TRAVEL LANE.
TURNING SPACE MUST BE PROVIDED AT THE TOP OF PERPENDICULAR CURB RAMP. THE TURNING SPACE MUST BE 4' (MIN.) BY 4' (MIN.), AND IS PERMITTED TO OVERLAP OTHER TURNING SPACES AND CLEAR SPACES. WHERE THE TURNING SPACE IS CONSTRAINED AT THE BACK OF THE SIDEWALK, THE TURNING SPACE MUST BE 4' (MIN.) BY 5' (MIN.), WITH THE 5' DIMENSION PROVIDED IN THE DIRECTION OF THE RAMP RUN.
FOR PARALLEL CURB RAMP, A TURNING SPACE 4' (MIN.) BY 4' (MIN.) SHALL BE PROVIDED AT THE BOTTOM OF THE CURB RAMP AND SHALL BE PERMITTED TO OVERLAP OTHER TURNING SPACES AND CLEAR SPACES. IF THE TURNING SPACE IS CONSTRAINED ON 2 OR MORE SIDES, THE TURNING SPACE SHALL 4' (MIN.) BY 5' (MIN.). THE 5' DIMENSION SHALL BE PROVIDED IN THE DIRECTION OF THE PEDESTRIAN STREET CROSSING.
- (G) GRADE BREAKS:
GRADE BREAKS AT THE TOP AND BOTTOM OF CURB RAMP RUNS SHALL BE PERPENDICULAR TO THE DIRECTION OF THE CURB RAMP RUN. GRADE BREAKS SHALL NOT BE PERMITTED ON THE SURFACE OF CURB RAMP RUNS AND TURNING SPACES. SURFACE SLOPES THAT MEET AT GRADE BREAKS SHALL BE FLUSH.
WHERE THE END OF BOTTOM GRADE BREAK ARE BEHIND THE BACK OF CURB AND THE DISTANCE FROM EITHER END OF THE BOTTOM GRADE BREAK TO THE BACK OF CURB IS 5' OR LESS, DETECTABLE WARNING SURFACES SHALL BE PLACED ON THE CURB RAMP RUN WITHIN ONE DOME SPACING OF THE BOTTOM GRADE BREAK.
- (H) PEDESTRIAN SIGNAL PUSHBUTTON:
WHERE PEDESTRIAN SIGNALS ARE PROVIDED AT PEDESTRIAN STREET CROSSINGS, THEY SHALL INCLUDE ACCESSIBLE PEDESTRIAN SIGNALS AND POLYPEDESTRIAN PUSHBUTTONS COMPLYING WITH SECTIONS 4E.08 THROUGH 4E.13 OF THE MUTCD. FOR DETAILS OF THE PLACING OF PEDESTRIAN SIGNAL PUSHBUTTONS SEE TDOT TRAFFIC DESIGN MANUAL.
WHEN TWO PEDESTRIAN PUSHBUTTONS ARE ON ONE CORNER THEY WILL BE SEPARATED BY 10 FEET.
- (I) PAYMENT:
COST OF CURB AND GUTTER TO BE INCLUDED IN THE PRICE OF ITEM NO. 702-01, CONCRETE CURB, PER C. Y. OR ITEM NO. 702-03, CONCRETE COMBINED CURB & GUTTER, PER C. Y.
NEW CURB RAMP:
ALL COSTS OF INSTALLING CURB RAMP(S), INCLUDING DETECTABLE WARNING SURFACE(S) IN NEWLY CONSTRUCTED SIDEWALK AREAS, SHALL BE PAID BY ITEM NO. 701-02.03, CONCRETE CURB RAMP, PER SQUARE FOOT.
PAYMENT SHALL INCLUDE ALL MATERIALS, EQUIPMENT, AND LABOR NECESSARY FOR CONSTRUCTION OF THE CURB RAMP(S), INCLUDING INSTALLATION OF DETECTABLE WARNING SURFACE(S).
CURB RAMP(S) (RETROFIT):
ALL COSTS OF INSTALLING CURB RAMP(S), INCLUDING DETECTABLE WARNING SURFACE(S) IN EXISTING SIDEWALK AREAS, REMOVAL OF THE EXISTING SIDEWALK, AND ADJUSTMENT OF GUTTER PAN SLOPE, SHALL BE PAID BY ITEM NO. 701-02.01, CONCRETE CURB RAMP (RETROFIT), PER SQUARE FOOT.
PAYMENT SHALL INCLUDE ALL MATERIALS, EQUIPMENT, AND LABOR INSTALLATION OF CURB RAMP(S), INCLUDING INSTALLATION OF DETECTABLE WARNING SURFACE(S).
- (J) THIS DRAWING CAN BE USED WHERE SIDEWALK WIDTHS ARE LESS THAN 10' WIDE AND RAMP IS LOCATED ANYWHERE WITHIN A CURVED SECTION OF SIDEWALK.

(Replaced Std Dwg RP-H-10)

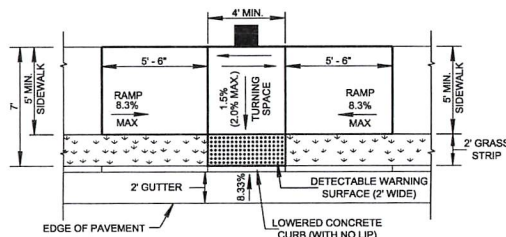
STATE OF TENNESSEE
STANDARD
DRAWING
DEPARTMENT OF TRANSPORTATION
**MONO-DIRECTIONAL
SINGLE CROSSWALK
CURB RAMP
DETAILS**

01-07-2019

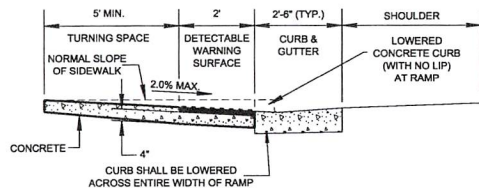
MM-CR-8



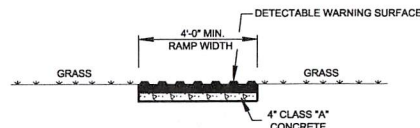
ISOMETRIC VIEW



PLAN VIEW

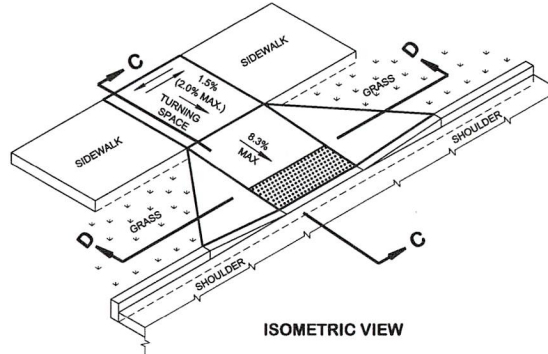


CROSS SECTION A-A

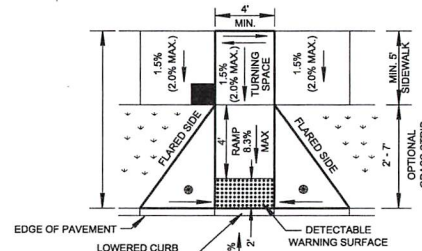


CROSS-SECTION B-B

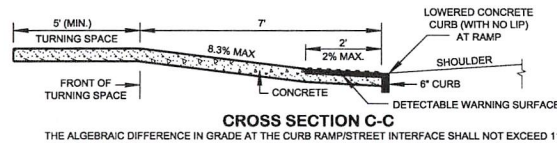
COMBINATION CURB RAMP
COMBINATION CURB RAMP COMBINE PARALLEL AND PERPENDICULAR CURB RAMPS INTO ONE.



ISOMETRIC VIEW

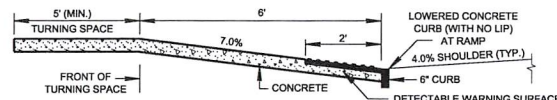


PLAN VIEW



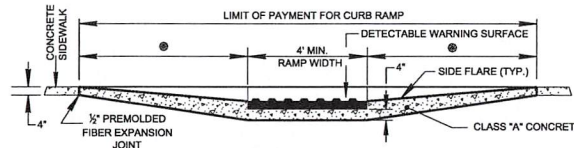
CROSS SECTION C-C

THE ALGEBRAIC DIFFERENCE IN GRADE AT THE CURB RAMP/STREET INTERFACE SHALL NOT EXCEED 11%.



ALTERNATIVE CROSS SECTION C-C

THE ALGEBRAIC DIFFERENCE IN GRADE AT THE CURB RAMP/STREET INTERFACE SHALL NOT EXCEED 11%.



CROSS-SECTION D-D

**PERPENDICULAR CURB RAMP
WITHOUT GUTTER PAN**

LEGEND	
	DIMENSION VARIES RELATIVE TO LONGITUDINAL ROADWAY GRADE, 8.3% DESIRABLE (10.0% MAX.)
	DENOTES: APPROXIMATE PEDESTRIAN POLE/PUSHBUTTON LOCATION FOR SIGNALIZED INTERSECTIONS

- (A) FOR DETECTABLE WARNING SURFACE DETAILS SEE STD. DWG. MM-CR-1. FOR ADDITIONAL DETAILS AND OTHER INFORMATION FOR PERPENDICULAR CURB RAMPS NOT SHOWN ON THIS DRAWING SEE STD. DWG. MM-CR-2 AND FOR PARALLEL CURB RAMPS SEE STD. DWG. MM-CR-3. FOR CROSSWALK MARKING DETAILS SEE STD. DWG. 1-M-4.
- (B) IF PERPENDICULAR CURB RAMPS AND TURNING SPACE CANNOT BE CONSTRUCTED DUE TO LIMITED RIGHT-OF-WAY, USE PARALLEL OR COMBINATION CURB RAMP INSTEAD.
- (C) CARE SHALL BE TAKEN ON ALL ROADWAY CURB RAMPS AT INTERSECTIONS WITH SIDEWALK AND CURB RAMPS TO ENSURE A UNIFORM GRADE AROUND THEM. THE ROADWAY CURB RAMP GRADE SHALL BE FREE OF SAGS AND SHORT GRADE CHANGES.
- (D) SIDEWALK WIDTH SHALL NOT INCLUDE 6" CONCRETE CURB. THE DESIRABLE SIDEWALK CROSS SLOPE IS 1.5 %, ABSOLUTE MAXIMUM IS 2.0%.
- (E) DRAINAGE STRUCTURES SHALL NOT BE PLACED IN THE CROSSWALK OR IN FRONT OF THE CURB RAMP.
- (F) TURNING SPACE \ CLEAR SPACE:
CLEAR SPACE BEYOND THE BOTTOM GRADE BREAK, A CLEAR SPACE 4' (MIN.) BY 4' (MIN.) SHALL BE PROVIDED WITHIN THE WIDTH OF THE PEDESTRIAN STREET CROSSING AND WHOLLY OUTSIDE THE PARALLEL VEHICLE TRAVEL LANE.
TURNING SPACE MUST BE PROVIDED AT THE TOP OF PERPENDICULAR CURB RAMPS. THE TURNING SPACE MUST BE 4' (MIN.) BY 4' (MIN.), AND IS PERMITTED TO OVERLAP OTHER TURNING SPACES AND CLEAR SPACES. WHERE THE TURNING SPACE IS CONSTRAINED AT THE BACK OF THE SIDEWALK, THE TURNING SPACE MUST BE 4' (MIN.) BY 5' (MIN.), WITH THE 5' DIMENSION PROVIDED IN THE DIRECTION OF THE RAMP RUN.
FOR PARALLEL CURB RAMPS, A TURNING SPACE 4' (MIN.) BY 4' (MIN.) SHALL BE PROVIDED AT THE BOTTOM OF THE CURB RAMP AND SHALL BE PERMITTED TO OVERLAP OTHER TURNING SPACES AND CLEAR SPACES. IF THE TURNING SPACE IS CONSTRAINED ON 2 OR MORE SIDES, THE TURNING SPACE SHALL 4' (MIN.) BY 5' (MIN.), THE 5' DIMENSION SHALL BE PROVIDED IN THE DIRECTION OF THE PEDESTRIAN STREET CROSSING.
- (G) GRADE BREAKS:
GRADE BREAKS AT THE TOP AND BOTTOM OF CURB RAMP RUNS SHALL BE PERPENDICULAR TO THE DIRECTION OF THE CURB RAMP RUN. GRADE BREAKS SHALL NOT BE PERMITTED ON THE SURFACE OF CURB RAMP RUNS AND TURNING SPACES. SURFACE SLOPES THAT MEET AT GRADE BREAKS SHALL BE FLUSH.
WHERE THE END OF BOTTOM GRADE BREAK ARE BEHIND THE BACK OF CURB AND THE DISTANCE FROM EITHER END OF THE BOTTOM GRADE BREAK TO THE BACK OF CURB IS 5' OR LESS, DETECTABLE WARNING SURFACES SHALL BE PLACED ON THE CURB RAMP RUN WITHIN ONE DOME SPACING OF THE BOTTOM GRADE BREAK.
- (H) PEDESTRIAN SIGNAL PUSHBUTTON:
WHERE PEDESTRIAN SIGNALS ARE PROVIDED AT PEDESTRIAN STREET CROSSINGS, THEY SHALL INCLUDE ACCESSIBLE PEDESTRIAN SIGNALS AND POLYPEDESTRIAN PUSHBUTTONS COMPLYING WITH SECTIONS 4E.08 THROUGH 4E.13 OF THE MUTCD. FOR DETAILS OF THE PLACING OF PEDESTRIAN SIGNAL PUSHBUTTONS SEE TDOT TRAFFIC DESIGN MANUAL.
WHEN TWO PEDESTRIAN PUSHBUTTONS ARE ON ONE CORNER THEY WILL BE SEPARATED BY 10 FEET.
- (I) PAYMENT:
COST OF CURB AND GUTTER TO BE INCLUDED IN THE PRICE OF ITEM NO. 702-01, CONCRETE CURB, PER C. Y. OR ITEM NO. 702-03, CONCRETE COMBINED CURB & GUTTER, PER C. Y.
NEW CURB RAMPS:
ALL COSTS OF INSTALLING CURB RAMP(S), INCLUDING DETECTABLE WARNING SURFACE(S) IN NEWLY CONSTRUCTED SIDEWALK AREAS, SHALL BE PAID BY ITEM NO. 701-02.03, CONCRETE CURB RAMP, PER SQUARE FOOT.
PAYMENT SHALL INCLUDE ALL MATERIALS, EQUIPMENT, AND LABOR NECESSARY FOR CONSTRUCTION OF THE CURB RAMPS(S), INCLUDING INSTALLATION OF DETECTABLE WARNING SURFACE(S).
CURB RAMPS (RETROFIT):
ALL COSTS OF INSTALLING CURB RAMP(S), INCLUDING DETECTABLE WARNING SURFACE(S) IN EXISTING SIDEWALK AREAS, REMOVAL OF THE EXISTING SIDEWALK, AND ADJUSTMENT OF GUTTER PAN SLOPE, SHALL BE PAID BY ITEM NO. 701-02.01, CONCRETE CURB RAMP (RETROFIT), PER SQUARE FOOT.
PAYMENT SHALL INCLUDE ALL MATERIALS, EQUIPMENT, AND LABOR INSTALLATION OF CURB RAMPS(S), INCLUDING INSTALLATION OF DETECTABLE WARNING SURFACE(S).
- (J) TRANSITION GUTTER CROSS SLOPE FROM NORMAL SLOPE TO 5% SIMILAR TO SUPERELEVATION TRANSITION AREAS. MATCH GUTTER TRANSITION TO RAMP FLARES FOR PERPENDICULAR CURB RAMP (TYPICAL 5') OR RAMP AREA FOR COMBINATION CURB RAMP (TYPICAL 5'-6').

(Replaced Std Dwg RP-H-11)

STATE OF TENNESSEE
STANDARD
DRAWING
DEPARTMENT OF TRANSPORTATION

ALTERNATIVE
CURB RAMP
DETAILS

01-07-2019 MM-CR-9

APPENDIX G: DISABILITY AND IMPAIRMENT CONCEPTS & DEFINITIONS

The following are several key concepts that make up the definition of disabilities and impairments according to the ADA. It is intended for general application and is not exhaustive. For a full listing of definitions, concepts and examples please refer to the complete text of the Americans with Disabilities Act.

Who is protected?

An individual with a disability is a person who:

Has a physical or mental impairment that substantially limits one or more major life activities;
Has a record of such an impairment; or
Is regarded as having such an impairment.

The ADA measures an impairment as when the condition is most severe. If you are only sometimes impaired, the ADA will look at when your symptoms show the most.

There are two essential parts to having a disability:

You must have a physical or mental impairment; and

The impairment must substantially keep you from doing major life activities.

Where is protection mandated?

The Americans with Disabilities Act (ADA) protects people with disabilities from discrimination. Those areas with protection are:

- State and local government services
- Places of public accommodation
- Employment
- Telecommunications
- Transportation

The ADA covers employers with 15 or more employees, including state and local governments.

How are people protected?

If the individuals' disabilities prevent them from performing the essential functions of the program or activity, it is necessary to determine whether reasonable program modifications would enable these individuals to perform the essential functions of the program or activity.

A reasonable program modification is any change in program or activity or in the way things are customarily done that enables an individual with a disability to enjoy equal program opportunities. Adjustments may include altering activity registrations, modifying program environment or, for known disabilities, potentially modifying facilities.

What are disabilities according to the ADA?

To have a disability under the ADA, you must have a qualified physical or mental impairment. Not everything that keeps you from doing activities is an impairment covered by the ADA. The ADA uses a broad definition of disability.

Some examples of physical or mental impairments covered by the ADA:

- AIDS, and its symptoms
- Alcoholism
- Asthma
- Blindness or other visual impairments
- Cancer
- Cerebral palsy
- Depression
- Diabetes
- Epilepsy
- Hearing or speech impairments
- Heart Disease
- Migraine Headaches
- Multiple sclerosis
- Muscular dystrophy
- Orthopedic impairments
- Paralysis
- Pregnancy with complications
- Thyroid gland disorders
- Tuberculosis
- Loss of body parts

Some temporary, short-term impairments with little or no lasting effects are not qualified. The ADA does not protect against discrimination based on different lifestyles. Being addicted to drugs is not a disability. This applies to unlawful drugs like cocaine and to the abuse of prescription drugs.

Examples of conditions that are not considered impairments:

- Short-term or seasonal viral and bacterial infections
- Muscular or skeletal injuries that are expected to heal completely
- Addictive or compulsive behaviors
- Pregnancy without complications
- Lack of good decision-making skills
- Cultural factors such as education, socio-economic status, age, or sexual preferences.

APPENDIX H: GLOSSARY OF TERMS

This appendix is to serve a brief glossary of commonly used Americans with Disabilities Act (ADA) terms. For additional terms, see <https://adata.org/glossary-terms#A>

ABA: See Architectural Barriers Act.

ADA: See Americans with Disabilities Act.

ADA Transition Plan: A governmental agency's plan that identifies accessibility needs, the process to fully integrate accessibility, and ensures all facilities, services, programs, and activities are accessible to all individuals.

ADAAG: See Americans with Disabilities Act Accessibility Guidelines.

Accessible: A facility that provides access to people with disabilities using the design requirements of the ADA.

Accessible Pedestrian Signal (APS): A device that communicates information about the WALK phase in audible and vibrotactile formats.

Alteration: A change to a facility in the public right-of-way that affects or could affect access, circulation, or use. An alteration must not decrease or have the effect of decreasing the accessibility of a facility or an accessible connection to an adjacent building or site.

Americans with Disabilities Act (ADA): The Americans with Disabilities Act; Civil rights legislation passed in 1990 and effective July 1992. The ADA sets design guidelines for accessibility to public facilities, including sidewalks and trails, by individuals with disabilities.

Americans with Disabilities Act Accessibility Guidelines (ADAAG): contains scoping and technical requirements for accessibility to buildings and public facilities by individuals with disabilities under the Americans with Disabilities Act (ADA) of 1990.

APS: See Accessible Pedestrian Signal.

Architectural Barriers Act (ABA): Federal law that requires facilities designed, built, altered or leased with Federal funds to be accessible. The Architectural Barriers Act marks one of the first efforts to ensure access to the built environment.

Capital Improvement Program (CIP): The CIP for the Transportation Department includes an annual capital budget and a five-year plan for funding the new construction and reconstruction projects on the county's transportation system.

Disability – A physical or mental impairment that substantially limits one or more major life activities, a record of such an impairment, or being regarded as having such an impairment.

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Detectable Warning: A surface feature of truncated domes, built in or applied to the walking surface to indicate an upcoming change from pedestrian to vehicular way.

DOJ: See United States Department of Justice

Federal Highway Administration (FHWA): A branch of the US Department of Transportation that administers the federal-aid Highway Program, providing financial assistance to states to construct and improve highways, urban and rural roads, and bridges.

Major Life Activities: Major life activities include the operation of any major bodily function. For example, things that affect the immune system, bowels, bladder, digestive, endocrine, reproductive functions, etc. Basic daily functions also count such as: eating, sleeping, standing, walking, speaking, bathing, dressing, shaving, preparing a meal, etc. It also includes problems with learning, reading, thinking, interacting, and working.

Pedestrian Access Route (PAR): A continuous and unobstructed walkway within a pedestrian circulation path that provides accessibility.

Pedestrian Circulation Route (PCR): A prepared exterior or interior way of passage provided for pedestrian travel.

PROWAG: An acronym for *Public Rights-of-Way Accessibility Guidelines* issued in 2005 by the U. S. Access Board. This guidance addresses roadway design practices, slope, and terrain related to pedestrian access to walkways and streets, including crosswalks, curb ramps, street furnishings, pedestrian signals, parking, and other components of public rights-of-way.

Qualified individual with a disability – A person with a disability who satisfies the requisite skill, experience, education and other job-related requirements of the employment position such individual holds or desires, and who, with or without reasonable accommodation, can perform the essential functions of such position.

Reasonable accommodation – A modification or adjustment to a job, the work environment, or the way things usually are done that enables a qualified individual with a disability to enjoy an equal employment opportunity. For example:

- Modifications or adjustments to a job application process that enable a qualified applicant with a disability to be considered for the position such qualified applicant desires; or
- Modifications or adjustments to the work environment, or to the manner or circumstances under which the position held or desired is customarily performed, that enable a qualified individual with a disability to perform the essential functions of that position; or
- Modifications or adjustments that enable a covered entity's employee with a disability to enjoy equal benefits and privileges of employment as are enjoyed by its other similarly situated employees without disabilities.

Right of Way: A general term denoting land, property, or interest therein, usually in a strip, acquired for the network of streets, sidewalks, and trails creating public pedestrian access within a public entity's jurisdictional limits.

Section 504: The section of the Rehabilitation Act that prohibits discrimination by any program or activity conducted by the federal government.

Uniform Accessibility Standards (UFAS): Accessibility standards that all federal agencies are required to meet; includes scoping and technical specifications.

United States Access Board: An independent federal agency that develops and maintains design criteria for buildings and other improvements, transit vehicles, telecommunications equipment, and electronic and information technology. It also enforces accessibility standards that cover federally funded facilities.

United States Department of Justice (DOJ): The United States Department of Justice (often referred to as the Justice Department or DOJ), is the United States federal executive department responsible for the enforcement of the law and administration of justice.

