

Disability Rights of West Virginia (DRWV) is the federally mandated protection and advocacy system for people with disabilities in West Virginia. One of DRWV’s grants is PAVA - Protection and Advocacy for Voting Access. The PAVA program allows DRWV to ensure that individuals with disabilities can access full participation in the election process.

Title II of the Americans with Disability Act (ADA) requires state and local governments (public entities) to ensure that people with disabilities have a full and equal opportunity to vote. The ADA’s provisions apply to all aspects of voting, including polling places. People with disabilities must have the opportunity to be full participants in an integrated civic event.

From October 16-18, 2018, DRWV completed exterior accessibility monitoring of all 18 polling sites in Roane County. The exteriors of 12 of these sites can be made temporarily accessible on Election Day by modifying the polling site entrance or route, designating accessible parking, and/or hanging appropriate signage (a few of these sites may be completely accessible depending on which entrance is used on Election Day). There are 2 other sites that would require more extensive modifications to be made accessible and moving these precincts to a different location may be the easier option:

- **Linden Masonic Temple**
- **Walton Community Center**

The tables on the following pages list the ADA standards, if applicable, for each area we monitored, the issues noted at each site, if any, and suggestions for meeting ADA compliance on election days.

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Amma Senior Citizens' Building (Community Center): No exterior issues. Voter door is unknown but likely the front, main door.

Camp Sheppard Dining Hall: 2 issues. Voter door is unknown. There are main front doors, a back door, and a back, basement door.	
Issue 1	<p>Designated accessible parking is on an unstable surface.</p> <p>Parking spaces near the ramp entrance are made of gravel. There is one paved, designated accessible parking space down a gravel road behind the building; however, the sidewalk leading from this parking space to the ramp is inaccessible due to steps.</p> <p>The sidewalk leading from the paved accessible space leads to a basement door, but it is unclear if the top floor can be accessed from the basement entrance. Location of voting machines in this building is unknown.</p>
2010 ADA Standards for Accessible Design Requirements	<p>302.1 Floor and ground surfaces shall be stable, firm, and slip resistant and shall comply with 302.</p> <p>502.4 Parking spaces and access aisles serving them shall comply with 302. Access aisles shall be at the same level as the parking spaces they serve. Changes in level are not permitted.</p>
Suggestions for ADA Compliance	A core-gravel system, pavers, or other material ½" thick or less could be used to create a stable surface from route to entrance at the front of the building.

Issue 2	Route to voter entry is unstable. The route from the designated parking spaces in front of the ramp is partially made of grass and gravel.
2010 ADA Standards for Accessible Design Requirements	302.1 Floor and ground surfaces shall be stable, firm, and slip resistant and shall comply with 302. Advisory 302.1 General. A stable surface is one that remains unchanged by contaminants or applied force, so that when the contaminant or force is removed, the surface returns to its original condition. A firm surface resists deformation by either indentations or particles moving on its surface. A slip-resistant surface provides sufficient frictional counterforce to the forces exerted in walking to permit safe ambulation.
Suggestions for ADA Compliance	Material, 1/2" thick or less, could be placed over top of the problem areas to make the surface stable.

Clover PSD Building: 2 issues. Voter door is unknown, but likely front main doors (no side doors).	
Issue 1	Threshold rise is too high. Threshold at likely voter entry has a 1 1/4" rise.
2010 ADA Standards for Accessible Design Requirements	404.2.5 Thresholds, if provided at doorways, shall be 1/2 inch (13 mm) high maximum. Raised thresholds and changes in level at doorways shall comply with 302 and 303.
Suggestions for ADA Compliance	A threshold plate could be installed, or an angled entry mat/threshold mat could be used to make entry accessible.

Issue 2	Door hardware is inaccessible. The front door is inaccessible due to a knob handle that requires twisting of the wrist.
2010 ADA Standards for Accessible Design Requirements	309.4 Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. 404.2.7 Handles, pulls, latches, locks, and other operable parts on doors and gates shall comply with 309.4. Operable parts of such hardware shall be 34 inches (865 mm) minimum and 48 inches (1220 mm) maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides.
Suggestions for ADA Compliance	Have the door propped open during voting; use a temporary doorbell or ballot call alert system; use a doorknob gripper with levers; or have poll worker stationed at the door.

Geary Elementary/Middle School: 1 issue. Per principal, voters enter main entry, door 1.	
Issue	Ramp is too steep. The slope of the curb ramp at the main entrance has a grade of 8.7% to 10.2%.
2010 ADA Standards for Accessible Design Requirements	405.2 Ramp runs shall have a running slope not steeper than 1:12 (8.3%).
Suggestions for ADA Compliance	Build or purchase a ramp with slope below 8.3% that provides curb access.

Harper Memorial Church: 3 issues. Per Clerk, voters enter the back, bottom doors of the fellowship hall.

Issue 1	<p>No designated parking. There are no parking spaces designated for accessibility.</p>
<p>2010 ADA Standards for Accessible Design Requirements</p>	<p>502.1 Car and van parking spaces shall comply with 502. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings.</p> <p>EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.</p> <p>502.2 Vehicle Spaces. Car parking spaces shall be 96 inches (2440 mm) wide minimum and van parking spaces shall be 132 inches (3350 mm) wide minimum, shall be marked to define the width, and shall have an adjacent access aisle complying with 502.3.</p> <p>EXCEPTION: Van parking spaces shall be permitted to be 96 inches (2440 mm) wide minimum where the access aisle is 96 inches (2440 mm) wide minimum.</p> <p>If more than 25 parking spaces are provided to voters, see 208.2 for the number of accessible parking spaces required.</p>

<p>Suggestions for ADA Compliance</p>	<p>Use accessible signage to designate a parking space on Election Day. If only one space is designated, it must be a van accessible space with aisle.</p> <p>Space will need to be designated on the portico at the fellowship hall entrance, otherwise the route to the door will be inaccessible and require materials to create a stable surface.</p>
<p>Issue 2</p>	<p>Route to voter entry is unstable. If the main parking lot is used for designating accessible parking, then the route from parking to the voter entry door is made of grass and gravel.</p>
<p>2010 ADA Standards for Accessible Design Requirements</p>	<p>302.1 Floor and ground surfaces shall be stable, firm, and slip resistant and shall comply with 302.</p> <p>Advisory 302.1 General. A stable surface is one that remains unchanged by contaminants or applied force, so that when the contaminant or force is removed, the surface returns to its original condition. A firm surface resists deformation by either indentations or particles moving on its surface. A slip-resistant surface provides sufficient frictional counterforce to the forces exerted in walking to permit safe ambulation.</p>
<p>Suggestions for ADA Compliance</p>	<p>Material, 1/2" thick or less, could be placed over top of the problem areas to create a stable surface.</p>

Issue 3	Door hardware is inaccessible. Door handle is inaccessible due a knob handle that requires twisting of the wrist.
2010 ADA Standards for Accessible Design Requirements	309.4 Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. 404.2.7 Handles, pulls, latches, locks, and other operable parts on doors and gates shall comply with 309.4. Operable parts of such hardware shall be 34 inches (865 mm) minimum and 48 inches (1220 mm) maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides.
Suggestions for ADA Compliance	Have the door propped open during voting; use a temporary doorbell or ballot call alert system; use a doorknob gripper with levers; or have poll worker stationed at the door.

Linden Masonic Temple: 6 issues. Voter door is unknown. There are two doors: a front door and a door on the left side of the building.

Issue 1	<p>No designated parking. There are no parking spaces designated for accessibility.</p>
<p>2010 ADA Standards for Accessible Design Requirements</p>	<p>502.1 Car and van parking spaces shall comply with 502. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings.</p> <p>EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.</p> <p>502.2 Vehicle Spaces. Car parking spaces shall be 96 inches (2440 mm) wide minimum and van parking spaces shall be 132 inches (3350 mm) wide minimum, shall be marked to define the width, and shall have an adjacent access aisle complying with 502.3.</p> <p>EXCEPTION: Van parking spaces shall be permitted to be 96 inches (2440 mm) wide minimum where the access aisle is 96 inches (2440 mm) wide minimum.</p> <p>If more than 25 parking spaces are provided to voters, see 208.2 for the number of accessible parking spaces required.</p>
<p>Suggestions for ADA Compliance</p>	<p>Use accessible signage to designate a parking space on Election Day. If only one space is designated, it must be a van accessible space with aisle.</p>

Issue 2	Parking is on an unstable surface. Parking area is uneven gravel and grass.
2010 ADA Standards for Accessible Design Requirements	302.1 Floor and ground surfaces shall be stable, firm, and slip resistant and shall comply with 302. 502.4 Parking spaces and access aisles serving them shall comply with 302. Access aisles shall be at the same level as the parking spaces they serve. Changes in level are not permitted.
Suggestions for ADA Compliance	A core-gravel system, pavers, or other material ½” thick or less could be used to create a stable surface from route to entrance.
Issue 3	Route to voter entry is unstable. From parking to either door the route is partially made of gravel and grass.
2010 ADA Standards for Accessible Design Requirements	302.1 Floor and ground surfaces shall be stable, firm, and slip resistant and shall comply with 302. Advisory 302.1 General. A stable surface is one that remains unchanged by contaminants or applied force, so that when the contaminant or force is removed, the surface returns to its original condition. A firm surface resists deformation by either indentations or particles moving on its surface. A slip-resistant surface provides sufficient frictional counterforce to the forces exerted in walking to permit safe ambulation.
Suggestions for ADA Compliance	Material, ½” thick or less, could be placed over top of problem areas to create a stable surface.

Issue 4	Clear width of entry route is too narrow. The concrete path from the front of the building to the ramp at the side entrance has a width of 28”.
2010 ADA Standards for Accessible Design Requirements	403.5.1 The clear width of walking surfaces shall be 36” (915mm) minimum.
Suggestions for ADA Compliance	Material, 1/2” thick or less, could be placed over top of problem areas to create a stable surface.

<p>Issue 5</p>	<p>Threshold rises are too high. The threshold at the front door has a rise of 8½” and the threshold at the door on the left side of the building has a rise of 7½”.</p>																																				
<p>2010 ADA Standards for Accessible Design Requirements</p>	<p>404.2.5 Thresholds, if provided at doorways, shall be ½ inch (13 mm) high maximum. Raised thresholds and changes in level at doorways shall comply with 302 and 303.</p>																																				
<p>Suggestions for ADA Compliance</p>	<p>A portable ramp is needed at the front door. For every inch of rise, one foot of ramp is required.</p> <p>The ramp at the door on the left side of the building would need to be rebuilt to have a landing level with the door threshold. Maneuvering clearances for ramp landings must follow these guidelines:</p> <p>Table 404.2.4.1 Maneuvering Clearances at Manual Swinging Doors and Gates</p> <table border="1"> <thead> <tr> <th colspan="2">Type of Use</th> <th colspan="2">Minimum Maneuvering Clearance</th> </tr> <tr> <th>Approach Direction</th> <th>Door or Gate Side</th> <th>Perpendicular to Doorway</th> <th>Parallel to Doorway (beyond latch side unless noted)</th> </tr> </thead> <tbody> <tr> <td>From front</td> <td>Pull</td> <td>60 inches (1525 mm)</td> <td>18 inches (455 mm)</td> </tr> <tr> <td>From front</td> <td>Push</td> <td>48 inches (1220 mm)</td> <td>0 inches (0 mm)¹</td> </tr> <tr> <td>From hinge side</td> <td>Pull</td> <td>60 inches (1525 mm)</td> <td>36 inches (915 mm)</td> </tr> <tr> <td>From hinge side</td> <td>Pull</td> <td>54 inches (1370 mm)</td> <td>42 inches (1065 mm)</td> </tr> <tr> <td>From hinge side</td> <td>Push</td> <td>42 inches (1065 mm)²</td> <td>22 inches (560 mm)³</td> </tr> <tr> <td>From latch side</td> <td>Pull</td> <td>48 inches (1220 mm)⁴</td> <td>24 inches (610 mm)</td> </tr> <tr> <td>From latch side</td> <td>Push</td> <td>42 inches (1065 mm)⁴</td> <td>24 inches (610 mm)</td> </tr> </tbody> </table> <p>1. Add 12 inches (305 mm) if closer and latch are provided. 2. Add 6 inches (150 mm) if closer and latch are provided. 3. Beyond hinge side. 4. Add 6 inches (150 mm) if closer is provided.</p>	Type of Use		Minimum Maneuvering Clearance		Approach Direction	Door or Gate Side	Perpendicular to Doorway	Parallel to Doorway (beyond latch side unless noted)	From front	Pull	60 inches (1525 mm)	18 inches (455 mm)	From front	Push	48 inches (1220 mm)	0 inches (0 mm) ¹	From hinge side	Pull	60 inches (1525 mm)	36 inches (915 mm)	From hinge side	Pull	54 inches (1370 mm)	42 inches (1065 mm)	From hinge side	Push	42 inches (1065 mm) ²	22 inches (560 mm) ³	From latch side	Pull	48 inches (1220 mm) ⁴	24 inches (610 mm)	From latch side	Push	42 inches (1065 mm) ⁴	24 inches (610 mm)
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Issue 6	Door hardware is inaccessible. Both doors are inaccessible due to knob handles that requires twisting of the wrist.
2010 ADA Standards for Accessible Design Requirements	309.4 Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. 404.2.7 Handles, pulls, latches, locks, and other operable parts on doors and gates shall comply with 309.4. Operable parts of such hardware shall be 34 inches (865 mm) minimum and 48 inches (1220 mm) maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides.
Suggestions for ADA Compliance	Have the door propped open during voting; use a temporary doorbell or ballot call alert system; use a doorknob gripper with levers; or have poll worker stationed at the door.

National Guard Armory: 1-no issue, depending on voter entrance. Voter entrance is unknown and there are three entrances: armory doors, standard door beside the armory doors, and front, main doors. The route and door to the right of the armory doors has no exterior accessibility issues. The route to the front, main entry is inaccessible due to an unstable sidewalk surface.

Issue	Potential route to voter entry is unstable. The sidewalk in front of the main entrance is broken and unstable.
2010 ADA Standards for Accessible Design Requirements	302.1 Floor and ground surfaces shall be stable, firm, and slip resistant and shall comply with 302. Advisory 302.1 General. A stable surface is one that remains unchanged by contaminants or applied force, so that when the contaminant or force is removed, the surface returns to its original condition. A firm surface resists deformation by either indentations or particles moving on its surface. A slip-resistant surface provides sufficient frictional counterforce to the forces exerted in walking to permit safe ambulation.
Suggestions for ADA Compliance	Material, 1/2" thick or less, could be placed over top of the problem areas to create a stable surface. If the door to the right of the armory doors is use as the voter entrance, then there are no accessibility issues.

Newton Community Center: 1-4 issues, depending on the voter entrance. Voter entrance is unknown. There are two front doors and one door on the right end of the building.

Issue 1	No designated parking. There are no parking spaces designated for accessibility.
2010 ADA Standards for Accessible Design Requirements	<p>502.1 Car and van parking spaces shall comply with 502. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings.</p> <p>EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.</p> <p>502.2 Vehicle Spaces. Car parking spaces shall be 96 inches (2440 mm) wide minimum and van parking spaces shall be 132 inches (3350 mm) wide minimum, shall be marked to define the width, and shall have an adjacent access aisle complying with 502.3.</p> <p>EXCEPTION: Van parking spaces shall be permitted to be 96 inches (2440 mm) wide minimum where the access aisle is 96 inches (2440 mm) wide minimum. If more than 25 parking spaces are provided to voters, see 208.2 for the number of accessible parking spaces required.</p>
Suggestions for ADA Compliance	Use accessible signage to designate a parking space on Election Day. If only one space is designated, it must be a van accessible space with aisle.

Issue 2	<p>Route to voter entry is unstable. Between the main, front doors and the threshold, there is a 1" wide gap with a depth of 2 ½".</p>
<p>2010 ADA Standards for Accessible Design Requirements</p>	<p>302.1 Floor and ground surfaces shall be stable, firm, and slip resistant and shall comply with 302.</p> <p>Advisory 302.1 General. A stable surface is one that remains unchanged by contaminants or applied force, so that when the contaminant or force is removed, the surface returns to its original condition. A firm surface resists deformation by either indentations or particles moving on its surface. A slip-resistant surface provides sufficient frictional counterforce to the forces exerted in walking to permit safe ambulation.</p>
<p>Suggestions for ADA Compliance</p>	<p>Cracks can easily be repaired with rubberized cold-pour asphalt crack filler, or material, ½" thick or less, could be placed over top of the problem areas to create a stable surface.</p> <p>If the door on the right end of the building is used as the voter entrance, then this is not an issue.</p>

Issue 3	Threshold rise is too high. Threshold at main, front doors has a 1” rise.
2010 ADA Standards for Accessible Design Requirements	404.2.5 Thresholds, if provided at doorways, shall be ½ inch (13 mm) high maximum. Raised thresholds and changes in level at doorways shall comply with 302 and 303.
Suggestions for ADA Compliance	An angled entry mat/threshold mat could be used to make entry accessible. If the door on the right end of the building is used as the voter entrance, then this is not an issue.
Issue 4	Door hardware is inaccessible. Front door is inaccessible due to a knob handle that requires twisting of the wrist.
2010 ADA Standards for Accessible Design Requirements	309. 4 Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. 404.2.7 Handles, pulls, latches, locks, and other operable parts on doors and gates shall comply with 309.4. Operable parts of such hardware shall be 34 inches (865 mm) minimum and 48 inches (1220 mm) maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides.
Suggestions for ADA Compliance	Have the door propped open during voting; use a temporary doorbell or ballot call alert system; use a doorknob gripper with levers; or have poll worker stationed at the door.

Reedy Community Center: 4 issues. Voter entrance is unknown, but likely the front doors (no side doors or route to the back of the building).

Issue 1	<p>No designated parking. There are no parking spaces designated for accessibility.</p>
<p>2010 ADA Standards for Accessible Design Requirements</p>	<p>502.1 Car and van parking spaces shall comply with 502. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings.</p> <p>EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.</p> <p>502.2 Vehicle Spaces. Car parking spaces shall be 96 inches (2440 mm) wide minimum and van parking spaces shall be 132 inches (3350 mm) wide minimum, shall be marked to define the width, and shall have an adjacent access aisle complying with 502.3.</p> <p>EXCEPTION: Van parking spaces shall be permitted to be 96 inches (2440 mm) wide minimum where the access aisle is 96 inches (2440 mm) wide minimum.</p> <p>If more than 25 parking spaces are provided to voters, see 208.2 for the number of accessible parking spaces required.</p>
<p>Suggestions for ADA Compliance</p>	<p>Use accessible signage to designate a parking space on Election Day. If only one space is designated, it must be a van accessible space with aisle.</p>

Issue 2	Parking is on a slope. The parking lot has a slope of 4.6%.
2010 ADA Standards for Accessible Design Requirements	<p>502.4 Parking spaces and access aisles serving them shall comply with 302. Access aisles shall be at the same level as the parking spaces they serve. Changes in level are not permitted. EXCEPTION: Slopes not steeper than 1:48 [2%] shall be permitted.</p> <p>Advisory 502.4 Floor or Ground Surfaces. Access aisles are required to be nearly level in all directions to provide a surface for wheelchair transfer to and from vehicles. The exception allows sufficient slope for drainage. Built-up curb ramps are not permitted to project into access aisles and parking spaces because they would create slopes greater than 1:48.</p>
Suggestions for ADA Compliance	Parking must be designated on a level surface or a surface with slope of 2% (1:48) or less. Parking could be designated curbside, at the parking lot, where the ground is relatively level.

Issue 3	<p>Running slope continues to door entrance. The running slope continues to the threshold of the doors without a landing.</p>
<p>2010 ADA Standards for Accessible Design Requirements</p>	<p>404.2.4.4 Floor or Ground Surface. Floor or ground surface within required maneuvering clearances shall comply with 302. Changes in level are not permitted.</p> <p>405.7 Ramps shall have landings at the top and the bottom of each ramp run. Landings shall comply with 405.7.</p> <p>405.7.1 Slope. Landings shall comply with 302. Changes in level are not permitted.</p> <p>405.7.2 Width. The landing clear width shall be at least as wide as the widest ramp run leading to the landing.</p> <p>405.7.3 Length. The landing clear length shall be 60 inches (1525 mm) long minimum.</p> <p>405.7.5 Doorways. Where doorways are located adjacent to a ramp landing, maneuvering clearances required by 404.2.4 and 404.3.2 shall be permitted to overlap the required landing area.</p>
<p>Suggestions for ADA Compliance</p>	<p>Have the door propped open during voting or have a poll worker stationed at the door so that stopping at the door on an incline is not required.</p>

Issue 4	Door hardware is inaccessible. Door is inaccessible due to a knob handle that requires twisting of the wrist.
2010 ADA Standards for Accessible Design Requirements	309. 4 Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. 404.2.7 Handles, pulls, latches, locks, and other operable parts on doors and gates shall comply with 309.4. Operable parts of such hardware shall be 34 inches (865 mm) minimum and 48 inches (1220 mm) maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides.
Suggestions for ADA Compliance	Have the door propped open during voting; use a temporary doorbell or ballot call alert system; use a doorknob gripper with levers; or have poll worker stationed at the door.

Roane County Courthouse: No exterior issues. Per Clerk's office, voters enter main, front doors.

Roane County High School: No exterior issues. Per secretary, voters enter door 4 on the left end of the building.

Roane County Library: 3 issues. Per library aid, voters enter main, front doors.

Issue 1	<p>Accessible parking is not on the shortest route to voter entry.</p> <p>There are two designated accessible parking spaces at the opposite end of the parking lot from the library entrance.</p>
2010 ADA Standards for Accessible Design Requirements	<p>208.3.1 Parking spaces complying with 502 that serve a particular building or facility shall be located on the shortest accessible route from parking to an entrance complying with 206.4.</p>
Suggestions for ADA Compliance	<p>A curb ramp could be used at the sidewalk near the library entrance.</p> <p>This would also bypass the unstable, broken concrete at the sidewalk access point.</p>
Issue 2	<p>Route to voter entry is uneven and inaccessible.</p> <p>The curb access ramp has broken blacktop at its base creating an unstable and uneven surface that is 5'6" long, up to 13" wide, and varying in depth from ¼" to 1".</p>
2010 ADA Standards for Accessible Design Requirements	<p>303.4 Changes in level greater than ½ inch (13 mm) high shall be ramped and shall comply with 405 or 406.</p>
Suggestions for ADA Compliance	<p>This area needs to be repaved.</p> <p>As a temporary solution, a curb ramp could be used closer to the library entry, or material, ½" thick or less, could be placed over top of the problem areas to create a stable surface.</p>

<p>Issue 3</p>	<p>Level maneuvering clearance in front of the voter doors is too narrow. The level area in front of the voter doors is only 20” wide.</p>																																				
<p>2010 ADA Standards for Accessible Design Requirements</p>	<p>404.2.4 Maneuvering Clearances. Minimum maneuvering clearances at doors and gates shall comply with 404.2.4. Maneuvering clearances shall extend the full width of the doorway and the required latch side or hinge side clearance.</p> <p>404.2.4.1 Swinging Doors and Gates. Swinging doors and gates shall have maneuvering clearances complying with Table 404.2.4.1.</p> <p>Table 404.2.4.1 Maneuvering Clearances at Manual Swinging Doors and Gates</p> <table border="1"> <thead> <tr> <th colspan="2">Type of Use</th> <th colspan="2">Minimum Maneuvering Clearance</th> </tr> <tr> <th>Approach Direction</th> <th>Door or Gate Side</th> <th>Perpendicular to Doorway</th> <th>Parallel to Doorway (beyond latch side unless noted)</th> </tr> </thead> <tbody> <tr> <td>From front</td> <td>Pull</td> <td>60 inches (1525 mm)</td> <td>18 inches (455 mm)</td> </tr> <tr> <td>From front</td> <td>Push</td> <td>48 inches (1220 mm)</td> <td>0 inches (0 mm)¹</td> </tr> <tr> <td>From hinge side</td> <td>Pull</td> <td>60 inches (1525 mm)</td> <td>36 inches (915 mm)</td> </tr> <tr> <td>From hinge side</td> <td>Pull</td> <td>54 inches (1370 mm)</td> <td>42 inches (1065 mm)</td> </tr> <tr> <td>From hinge side</td> <td>Push</td> <td>42 inches (1065 mm)²</td> <td>22 inches (560 mm)³</td> </tr> <tr> <td>From latch side</td> <td>Pull</td> <td>48 inches (1220 mm)⁴</td> <td>24 inches (610 mm)</td> </tr> <tr> <td>From latch side</td> <td>Push</td> <td>42 inches (1065 mm)⁴</td> <td>24 inches (610 mm)</td> </tr> </tbody> </table> <p>1. Add 12 inches (305 mm) if closer and latch are provided. 2. Add 6 inches (150 mm) if closer and latch are provided. 3. Beyond hinge side. 4. Add 6 inches (150 mm) if closer is provided.</p>	Type of Use		Minimum Maneuvering Clearance		Approach Direction	Door or Gate Side	Perpendicular to Doorway	Parallel to Doorway (beyond latch side unless noted)	From front	Pull	60 inches (1525 mm)	18 inches (455 mm)	From front	Push	48 inches (1220 mm)	0 inches (0 mm) ¹	From hinge side	Pull	60 inches (1525 mm)	36 inches (915 mm)	From hinge side	Pull	54 inches (1370 mm)	42 inches (1065 mm)	From hinge side	Push	42 inches (1065 mm) ²	22 inches (560 mm) ³	From latch side	Pull	48 inches (1220 mm) ⁴	24 inches (610 mm)	From latch side	Push	42 inches (1065 mm) ⁴	24 inches (610 mm)
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<p>Suggestions for ADA Compliance</p>	<p>On Election Day, the door could be propped open so that entry was possible without stopping at the door. A ballot call alert system or temporary doorbell could be placed on a stand (somewhere leading up to the library entrance) to alert poll workers to open the door.</p>																																				

Roane General Hospital: No exterior issues. Per ladies at the information desk, voters enter the Visitor Entrance and take the elevator to the lower level, or voters enter any door of the Physical Therapy Building located at the far right of the hospital.

Roane/Spencer Fire Department: 1-no issues, depending on the voter entrance. Voter door is unknown. There are 7 doors: 4 fire doors, 1 garage door, 1 standard front door, and 1 standard door on the right side of the building.	
Issue	Threshold rise is too high. The threshold at the front, standard-sized door has a rise of 5”.
2010 ADA Standards for Accessible Design Requirements	404.2.5 Thresholds, if provided at doorways, shall be ½ inch (13 mm) high maximum. Raised thresholds and changes in level at doorways shall comply with 302 and 303.
Suggestions for ADA Compliance	A portable ramp could be used to make this entry accessible. For every inch of rise, one foot of ramp is required. If the standard-sized door on the right end of the building is used as the voter entrance, there are no accessibility issues.

Spencer/Heritage Park Community Building: 1-no issues, depending on the voter entrance. Voter entrance is unknown, but likely one of the two front doors facing Church Street.

Issue	Threshold rise is too high. The threshold at front-right door has a 1¼” rise.
2010 ADA Standards for Accessible Design Requirements	404.2.5 Thresholds, if provided at doorways, shall be ½ inch (13 mm) high maximum. Raised thresholds and changes in level at doorways shall comply with 302 and 303.
Suggestions for ADA Compliance	A threshold plate could be installed, or an angled entry mat/threshold mat could be used to make entry accessible. If the front-left door is used as the voter entrance, there is no accessibility issue.

Spencer Middle School: 2 issues. Per secretary, voters enter bottom, back door 7.

Issue 1	Designated accessible parking is on a slope. There are two spaces designated as accessible on a slope near the voter door.
2010 ADA Standards for Accessible Design Requirements	502.4 Parking spaces and access aisles serving them shall comply with 302. Access aisles shall be at the same level as the parking spaces they serve. Changes in level are not permitted. EXCEPTION: Slopes not steeper than 1:48 [2%] shall be permitted. Advisory 502.4 Floor or Ground Surfaces. Access aisles are required to be nearly level in all directions to provide a surface for wheelchair transfer to and from vehicles. The exception allows sufficient slope for drainage. Built-up curb ramps are not permitted to project into access aisles and parking spaces because they would create slopes greater than 1:48.
Suggestions for ADA Compliance	Parking must be designated on a surface with slope of 2% (1:48) or less. There are some spaces towards the end of the parking lot that may meet this slope requirement.

Issue 2	Route to voter entry is unstable. At the base of the ramp to door 7, there is a 7" wide, 1/2" deep gap between the blacktop and the ramp.
2010 ADA Standards for Accessible Design Requirements	302.1 Floor and ground surfaces shall be stable, firm, and slip resistant and shall comply with 302. Advisory 302.1 General. A stable surface is one that remains unchanged by contaminants or applied force, so that when the contaminant or force is removed, the surface returns to its original condition. A firm surface resists deformation by either indentations or particles moving on its surface. A slip-resistant surface provides sufficient frictional counterforce to the forces exerted in walking to permit safe ambulation.
Suggestions for ADA Compliance	Cracks can easily be repaired with rubberized cold-pour asphalt crack filler, or a material, 1/2" thick or less, could be placed over top of the problem areas to create a stable surface. Ultimately, this area needs to be repaired with blacktop or concrete.

Walton Community Center: 6 issues. Per Clerk, voters enter main, front door. Walton Union Church looks like it would be an accessible, close alternative location for this precinct.

Issue 1	<p>No designated parking. There are no parking spaces designated for accessibility.</p>
<p>2010 ADA Standards for Accessible Design Requirements</p>	<p>502.1 Car and van parking spaces shall comply with 502. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings.</p> <p>EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.</p> <p>502.2 Vehicle Spaces. Car parking spaces shall be 96 inches (2440 mm) wide minimum and van parking spaces shall be 132 inches (3350 mm) wide minimum, shall be marked to define the width, and shall have an adjacent access aisle complying with 502.3.</p> <p>EXCEPTION: Van parking spaces shall be permitted to be 96 inches (2440 mm) wide minimum where the access aisle is 96 inches (2440 mm) wide minimum.</p> <p>If more than 25 parking spaces are provided to voters, see 208.2 for the number of accessible parking spaces required.</p>
<p>Suggestions for ADA Compliance</p>	<p>Use accessible signage to designate a parking space on Election Day. If only one space is designated, it must be a van accessible space with aisle.</p>

Issue 2	Parking is on a slope. The parking lot slopes from 3.8%-10%.
2010 ADA Standards for Accessible Design Requirements	<p>502.4 Parking spaces and access aisles serving them shall comply with 302. Access aisles shall be at the same level as the parking spaces they serve. Changes in level are not permitted.</p> <p>EXCEPTION: Slopes not steeper than 1:48 [2%] shall be permitted.</p> <p>Advisory 502.4 Floor or Ground Surfaces. Access aisles are required to be nearly level in all directions to provide a surface for wheelchair transfer to and from vehicles. The exception allows sufficient slope for drainage. Built-up curb ramps are not permitted to project into access aisles and parking spaces because they would create slopes greater than 1:48.</p>
Suggestions for ADA Compliance	Parking must be designated on a level surface or a surface with slope of 2% (1:48) or less. This would be possible to do alongside and parallel to the building.

<p>Issue 3</p>	<p>Parking and route to door are on an unstable surface. The parking area is made of broken blacktop and gravel.</p>
<p>2010 ADA Standards for Accessible Design Requirements</p>	<p>302.1 Floor and ground surfaces shall be stable, firm, and slip resistant and shall comply with 302.</p> <p>Advisory 302.1 General. A stable surface is one that remains unchanged by contaminants or applied force, so that when the contaminant or force is removed, the surface returns to its original condition. A firm surface resists deformation by either indentations or particles moving on its surface. A slip-resistant surface provides sufficient frictional counterforce to the forces exerted in walking to permit safe ambulation.</p> <p>502.4 Parking spaces and access aisles serving them shall comply with 302. Access aisles shall be at the same level as the parking spaces they serve. Changes in level are not permitted.</p>
<p>Suggestions for ADA Compliance</p>	<p>A core-gravel system, pavers, or other material ½” thick or less could be used to create a stable surface from the route to the entrance.</p> <p>Ultimately, the lot needs to be repaved.</p>

Issue 4	Running slope of walking surface is too steep. The slope of the route to the voter door is 10%-8.3% near the voter doors.
2010 ADA Standards for Accessible Design Requirements	403.3 The running slope of walking surfaces shall not be steeper than 1:20 (5%). The cross slope of walking surfaces shall not be steeper than 1:48 (2%).
Suggestions for ADA Compliance	The top of the lot could be rescaled to have an accessible slope where the route to the door would be nearly level.
Issue 5	Threshold rise is too high. The threshold at the voter door has a varying rise of 2½" - 3½".
2010 ADA Standards for Accessible Design Requirements	404.2.5 Thresholds, if provided at doorways, shall be ½ inch (13 mm) high maximum. Raised thresholds and changes in level at doorways shall comply with 302 and 303.
Suggestions for ADA Compliance	A threshold plate could be installed, or a threshold mat could be used to make the entry accessible.

Issue 6	Door hardware is inaccessible. The door is inaccessible due to a knob handle that requires twisting of the wrist.
2010 ADA Standards for Accessible Design Requirements	<p>309. 4 Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.</p> <p>404.2.7 Handles, pulls, latches, locks, and other operable parts on doors and gates shall comply with 309.4. Operable parts of such hardware shall be 34 inches (865 mm) minimum and 48 inches (1220 mm) maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides.</p>
Suggestions for ADA Compliance	Have the door propped open during voting; use a temporary doorbell or ballot call alert system; use a doorknob gripper with levers; or have poll worker stationed at the door.

Walton Elementary: 2 issues. Per secretary, voters enter main, front doors.

Issue 1	No designated parking. There are no parking spaces designated for accessibility.
2010 ADA Standards for Accessible Design Requirements	<p>502.1 Car and van parking spaces shall comply with 502. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings.</p> <p>EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.</p> <p>502.2 Vehicle Spaces. Car parking spaces shall be 96 inches (2440 mm) wide minimum and van parking spaces shall be 132 inches (3350 mm) wide minimum, shall be marked to define the width, and shall have an adjacent access aisle complying with 502.3.</p> <p>EXCEPTION: Van parking spaces shall be permitted to be 96 inches (2440 mm) wide minimum where the access aisle is 96 inches (2440 mm) wide minimum.</p> <p>If more than 25 parking spaces are provided to voters, see 208.2 for the number of accessible parking spaces required.</p>
Suggestions for ADA Compliance	Use accessible signage to designate a parking space on Election Day. If only one space is designated, it must be a van accessible space with aisle.

Issue 2	Threshold rise is too high. The threshold at the voter door has a 2” rise.
2010 ADA Standards for Accessible Design Requirements	404.2.5 Thresholds, if provided at doorways, shall be ½ inch (13 mm) high maximum. Raised thresholds and changes in level at doorways shall comply with 302 and 303.
Suggestions for ADA Compliance	A threshold plate could be installed, or an angled entry mat/threshold mat could be used to make entry accessible.

Several temporary solutions have been offered for making polling sites across Roane County accessible, and many of these solutions can easily be found online or at your local hardware store. An additional resource is West Virginia University’s Center for Excellence in Disabilities WVATS (West Virginia Assistive Technology System) program. This program has portable ramps to loan for free, although pickup and drop-off of the ramps are required. Enclosed is a brochure with information for contacting WVATS.

The **2010 ADA Standards for Accessible Designs** referenced in this report can be found online at:

https://www.ada.gov/regs2010/2010ADAStandards/2010ADAStandards_prt.pdf

Four other valuable resources have been included for your reference:

- ADA Checklist for Polling Places
- The Americans with Disabilities Act and Other Federal Laws Protecting the Rights of Voters with Disabilities
- Solutions for Five Common ADA Access Problems at Polling Places
- ADA Quick Tips Tax Incentives

The ADA requires that public entities ensure that people with disabilities can access and use all voting facilities. Because a mix of public and private facilities are used as polling places, public entities may ensure Election Day accessibility of a polling place by using low-cost, temporary measures, such as portable ramps or door stops, rather than making permanent modifications to a building. If temporary measures will not fix a barrier, and public entities are unable to make a permanent modification to fix the barrier, then the public entity must look for an alternative, accessible polling place.