# Mississippi Valley Workforce Development Board 

## Disability Access Committee Agenda

Monday, April 18, 2022, at 3:00 p.m.

Join Zoom Meeting
https://us02web.zoom.us/j/84430319422?pwd=ZE1DaUR3VnB4QkFYNkNJakhSamhKUT09
Meeting ID: 84430319422
Passcode: 875362
One tap mobile: $+16465588656,, 84430319422 \#$

| Called to Order | Cynthia Whalen |  |
| :--- | :--- | :--- |
| Roll Call | Phyllis Wood |  |
| *Excused Absences | Cynthia Whalen |  |
| *Approval of Agenda | Cynthia Whalen page 1 |  |
| *Approval of Previous Minutes | Cynthia Whalen pages 2-3 |  |
| ADA Physical/Programmatic Accessibility Evaluation | Cynthia Whalen pages 4-53 |  |
| Center Assistive Technology Update | Cynthia Whalen page 54 |  |
| Upcoming Meeting | Cynthia Whalen |  |
| Other Business |  |  |
| Public Comment |  |  |

Adjourn Cynthia Whalen
*Items Requiring a Vote ** Items Requiring a Roll Call Vote

## Accommodations

Accommodations are available upon request for individuals with disabilities. If you need an accommodation, please contact: Miranda Swafford director@mississippivalleyworkforce.org or at 319-759-8980

# Mississippi Valley Workforce Development Board 

Disability Access Committee (DAC) Meeting Minutes

Monday, January 24, 2022, at 3:00 p.m.
Members Present: Cynthia Whalen, Lanae Greene, Chad Pratz, Travis Robinson, James Stout, Joy Szewczyk, Carolyn Farley, Erika Clark, Martha Bell, and Maria Gonzales
Members Absent: Eva Castillo,
Staff Present: Miranda Swafford, Executive Director and Phyllis Wood, Executive Assistant
One-stop Operator: Robert Ryan
Equus Staff: Shannon Weaver, Operations Supervisor

## CALL TO ORDER

Whalen called the meeting to order at 3:00 p.m.

## QUORUM

The committee had a quorum to conduct business.

## EXCUSED ABSENCES

Farley made a motion to excuse the absence of Eva Castillo, seconded by Bell, the motion carried.

## APPROVAL OF AGENDA

Bell made a motion to approve the agenda, seconded by Szewczyk, the motion carried.

## APPROVAL OF MINUTES

Szewczyk made a motion to approve the previous meeting minutes, seconded by Clark, the motion carried.

## CENTER ACCESSIBILITY NEEDS/CONCERNS

Whalen asked if there were any accessibility concerns at the centers from job seekers or employers related to programmatic, physical, communication, or virtual accessibility needs or concerns. Clark shared an experience of making a referral to VR and there was a prompt response but then referred to IDB there was no clear-cut contact. She worked with Joell who informed her IDB uses a referral form on their website. Robinson confirmed the IDB referral through their website will allow their counselors to put together an application. Ryan explained that an internal IowaWORKS referral form was in process and should be going live soon which should streamline the referral process between partners and he would follow up on referrals to be sure they are received and processed. Clark added the participant appreciated the yellow keyboard and another participant found the anti-glare screen to be very helpful when working at the computer.

## ADA PHYSICAL/PROGRAMMATIC ACCESSIBILITY EVALUATION

Swafford indicated the board is working to condense the ADA evaluation packet to items relevant to the centers. Whalen will reach out to all members about participating in the evaluation and asked they set some time aside in April.

## CENTER ASSISTIVE TECHNOLOGY NEEDS/RECOMMENDATIONS

Whalen reviewed a list of items identified as being helpful to have and the next steps would be purchasing and training staff. Swafford said there was no word back from the state on funding, but the procurement would not be a concern of DAC. Szewczyk offered she had heard really good feedback on the text to speech C-pens.

## UPCOMING MEETING

Next meeting date will be April 18, 2022.

## OTHER BUSINESS

There was no other business discussed.

## PUBLIC COMMENTS

There were no public comments.

## ADJOURNED

Clark made a motion to adjourn, seconded by Pratz, the motion carried, and Whalen adjourned the meeting at 3:46 p.m.

## Mississippi Valley Workforce Development Board

| Project |  |
| :--- | :--- |
| Building |  |
| Location |  |
| Date |  |
| Surveyors |  |
| Contact Information |  |


|  | PRIORITY 1 - APPROACH \& ENTRANCE | YES | NO |  | COMMENTS / POSSIBLE SOLUTIONS |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Is there at least one route from site arrival points (parking, passenger loading zones, public sidewalks and public transportation stops) that does not require the use of stairs? |  |  | If yes, location of route: |  |
|  | Parking - Accessible parking spaces should be identified by size, access aisle and signage. |  |  |  |  |
| 2 | If parking is provided for the public, are an adequate number of accessible spaces provided? |  |  | Total \#: Accessible \#: |  |
| 3 | Of the accessible spaces, is at least one a van accessible space? |  |  |  |  |
| 4 | Are accessible spaces at least 8 feet wide with an access aisle at least 5 feet wide? |  |  | Measurement: |  |
| 5 | Is the van accessible space: <br> At least 11 feet wide with an access aisle at least 5 feet wide? Or <br> At least 8 feet wide with an access aisle at least 8 feet wide? |  |  | Measurement: |  |
| 6 | Is at least 98 inches of vertical clearance provided for the van accessible space? |  |  | Measurement: |  |
| 7 | Are the access aisles marked so as to discourage parking in them? |  |  |  |  |
| 8 | Is the slope of the accessible parking spaces and access aisles no steeper than 1:48 in all directions? |  |  | Measurement: |  |
| 9 | Do the access aisles adjoin an accessible route? |  |  |  |  |
| 10 | Are accessible spaces identified with a sign that includes the International Symbol of Accessibility? <br> Is the bottom of the sign at least 60 inches above the ground? |  |  | Measurement: |  |
| 11 | Are there signs reading "van accessible" at van accessible spaces? |  |  |  |  |


| 12 | Of the total parking spaces, are the accessible spaces located on the closest accessible route to the accessible entrance(s)? |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Exterior Accessible Route |  |  |  |
| 13 | Is the route stable, firm and slip-resistant? |  |  |  |
| 14 | Is the route at least 36 inches wide? |  | Measurement: |  |
| 15 | If the route is greater than 200 feet in length and less than 60 inches wide, is there a passing space no less than $60 \times 60$ inches? |  | Measurement: |  |
| 16 | If there are grates or openings on the route, are the openings no larger than $1 / 2$ inches? <br> Is the long dimension perpendicular to the dominant direction of travel? |  | Measurement: |  |
| 17 | Is the running slope no steeper than 1:20, i.e., for every inch of height change there are at least 20 inches of route run? |  | Measurement: |  |
| 18 | Is the cross slope no steeper than 1:48? |  | Measurement: |  |
|  | Curb Ramps |  |  |  |
| 19 | If the accessible route crosses a curb, is there a curb ramp? |  |  |  |
| 20 | Is the running slope of the curb ramp no steeper than 1:12, i.e., for every inch of height change there are at least 12 inches of curb ramp run? |  | Measurement: |  |
| 21 | Is the cross slope of the curb ramp, excluding flares, no steeper than 1:48? |  | Measurement: |  |
| 22 | Is the curb ramp, excluding flares, at least 36 inches wide? |  | Measurement: |  |
| 23 | At the top of the curb ramp is there a level landing (slope no steeper than 1:48 in all directions) that is at least 36 inches long and at least as wide as the curb ramp?If there are curb ramp flares, are the slopes of the flares no steeper than 1:10, i.e. for every inch of height change there are at least 10 inches of flare run? |  | Measurement: |  |
| 24 | If the landing at the top is less than 36 inches long, are there curb ramp flares? Are the slopes of the flares no greater than 1:12, i.e., for every inch of height change there are at least 12 inches of flare run? |  | Measurement: |  |
|  | Ramps |  |  |  |
| 25 | If there is a ramp, is it at least 36 inches wide? |  | Measurement: |  |
| 26 | Is the surface stable, firm and slip resistant? |  | Measurement: |  |
| 27 | For each section of the ramp, is the running slope no greater than 1:12, i.e. for every inch of height change there are at least 12 inches of ramp run? |  | Measurement: |  |
| 28 | Is there a level landing that is at least 60 inches long and at least as wide as the ramp: <br> At the top of the ramp? <br> At the bottom of the ramp? |  | Measurement: |  |
| 29 | Is there a level landing where the ramp changes direction that is at least $60 \times 60$ inches? |  | Measurement: |  |
| 30 | If the ramp has a rise higher than 6 inches, are there handrails on both sides? |  | Measurement: |  |



| 44 | Is the door equipped with hardware that is operable with one hand and does not require tight grasping, pinching or twisting of the wrist? <br> Door handle? <br> Lock (if provided)? |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 45 | Are the operable parts of the door hardware no less than 34 inches and no greater than 48 inches above the floor or ground surface? |  |  | Measurement: |  |
| 46 | If the door has a closer, does it take at least 5 seconds to close from an open position of 90 degrees to a position of 12 degrees from the latch? |  |  | Measurement: |  |
| 47 | If there are two doors in a series, e.g., vestibule, is the distance between the doors at least 48 inches plus the width of the doors when swinging into the space? |  |  | Measurement: |  |
| 48 | If provided at the building entrance, are carpets or mats no higher than $1 / 2$ inch thick? |  |  | Measurement: |  |
| 49 | Are edges of carpets or mats securely attached to minimize tripping hazards? |  |  |  |  |
|  | PRIORITY 2 - ACCESS TO GOODS \& SERVICES | YES | NO |  | COMMENTS / <br> POSSIBLE SOLUTIONS |
| 50 | Does the accessible entrance provide direct access to the main floor, lobby, and elevator? |  |  |  |  |
|  | Interior Accessible Route |  |  |  |  |
| 51 | Are all public spaces on at least one accessible route? |  |  |  |  |
| 52 | Is the route stable, firm and slip-resistant? |  |  |  |  |
| 53 | Is the route at least 36 inches wide? |  |  | Measurement: |  |
| 54 | If the route is greater than 200 feet in length and less than 60 inches wide, is there a passing space no less than $60 \times 60$ inches? |  |  | Measurement: |  |
| 55 | Is the running slope no steeper than 1:20, i.e., for every inch of height change there are at least 20 inches of route run? |  |  | Measurement: |  |
| 56 | Is the cross slope no steeper than 1:48? |  |  | Measurement: |  |
| 57 | Do all objects on circulation paths through public areas, e.g., fire extinguishers, drinking fountains, signs, etc., protrude no more than 4 inches into the path? <br> Or <br> If an object protrudes more than 4 inches, is the bottom leading edge at 27 inches or lower above the floor? [307.2] <br> Or <br> Is the bottom leading edge at 80 inches or higher above the floor? |  |  | Measurement: |  |
| 58 | Are there elevators or platform lifts to all public stories? |  |  |  |  |
|  | Ramps |  |  |  |  |
| 59 | If there is a ramp, is it at least 36 inches wide? |  |  | Measurement: |  |
| 60 | Is the surface stable, firm and slip resistant? |  |  |  |  |


| 61 | For each section of the ramp, is the running slope no greater than 1:12, i.e., for <br> every inch of height change there are at least 12 inches of ramp run? |  | Measurement: |  |
| :--- | :--- | :--- | :--- | :--- |
| 62 | Is there a level landing that is at least 60 inches long and at least as wide as the <br> ramp: <br> At the top of the ramp? <br> At the bottom of the ramp? |  | Measurement: |  |
| 63 | Is there a level landing where the ramp changes direction that is at least 60 x 60 <br> inches? |  |  | Measurement: |
| 64 | If the ramp has a rise higher than 6 inches, are there handrails on both sides? |  |  | Measurement: |




|  | Is there a clear floor space at least 30 inches wide by at least 48 inches long for a <br> forward or parallel approach? <br> Are the operable parts no higher than 48 inches above the floor? |  | Measurement: |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 100 | Can the control be operated with one hand and without tight grasping, pinching, or <br> twisting of the wrist? |  |  |  |  |
|  | Seating: Assembly Areas - theaters, auditoriums, stadiums, theater style classrooms, etc. |  |  |  |  |
| 101 | Are an adequate number of wheelchair spaces provided? |  |  |  |  |
| 102 | Are wheelchair spaces dispersed to allow location choices and viewing angles <br> equivalent to other seating, including specialty seating areas that provide distinct <br> services and amenities? |  |  |  |  |
| 103 | Where people are expected to remain seated, do people in wheelchair spaces have a <br> clear line of sight over and between the heads of others in front of them? |  |  |  |  |
| 104 | Where people are expected to stand, do people in wheelchair spaces have a clear <br> line of sight over and between the heads of others in front of them? |  |  |  |  |
| 105 | If there is a single wheelchair space, is it at least 36 inches wide? |  |  |  |  |
| 106 | If there are two adjacent wheelchair spaces, are they each at least 33 inches wide? |  |  | Measurement: |  |
| 107 | If the wheelchair space can be entered from the front or rear, is it at least 48 inches <br> deep? |  |  | Measurement: |  |
| 108 | If the wheelchair space can only be entered from the side, is it at least 60 inches <br> deep? |  | Measurement: |  |  |
| 109 | Do wheelchair spaces adjoin, but not overlap, accessible routes? |  |  |  |  |
| 110 | Is there at least one companion seat for each wheelchair space? |  |  |  |  |
| 111 | Is the companion seat located so the companion is shoulder-to-shoulder with the <br> person in a wheelchair? |  |  |  |  |
| 112 | Is the companion seat equivalent in size, quality, comfort, and amenities to seating <br> in the immediate area? |  |  |  |  |
|  | Seating: At dining surfaces (restaurants, cafeterias, bars, etc.) and non-employee work surfaces (libraries, conference rooms, etc.) |  |  |  |  |


| 117 | Is there at least one space at least 36 inches wide by at least 48 inches long for a person in a wheelchair? |  |  | Measurement: |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Sales \& Service Counters - banks, stores, dry cleaners, auto repair shops, fitness clubs, etc. |  |  |  |  |
| 118 | Is there a portion of at least one of each type of counter that is: No higher than 36 inches above the floor? <br> At least 36 inches long? |  |  | Measurement: |  |
| 119 | Does the accessible portion of the counter extend the same depth as the countertop? |  |  | Measurement: |  |
| 120 | Is there a clear floor space at least 30 inches wide by at least 48 inches long for a forward or parallel approach? |  |  | Measurement: |  |
| 121 | For a parallel approach, is the clear floor space positioned with the 48 inches adjacent to the accessible length of counter? |  |  | Measurement: |  |
| 122 | For a forward approach: <br> Do no less than 17 and no greater than 25 inches of the clear floor space extend under the accessible length of the counter? <br> Is there at least 27 inches clearance from the floor to the bottom of the counter? |  |  | Measurement: |  |
|  | PRIORITY 3-TOILET ROOMS | YES | NO |  | $\begin{aligned} & \text { COMMENTS / } \\ & \text { POSSIBLE SOLUTIONS } \end{aligned}$ |
| 123 | If toilet rooms are available to the public, is at least one toilet room accessible? |  |  |  |  |
| 124 | Are there signs at inaccessible toilet rooms that give directions to accessible toilet rooms? |  |  |  |  |
| 125 | If not, all toilet rooms are accessible, is there a sign at the accessible toilet room with the International Symbol of Accessibility? |  |  |  |  |
|  | Accessible Route |  |  |  |  |
| 126 | Is there an accessible route to the accessible toilet room? |  |  |  |  |
|  | Signs at Toilet Rooms |  |  |  |  |
| 127 | Do text characters contrast with their backgrounds? <br> Are text characters raised? <br> Is there Braille? <br> Is the sign mounted: <br> On the wall on the latch side of the door? <br> With clear floor space beyond the arc of the door swing between the closed position and 45 -degree open position, at least $18 \times 18$ inches centered on the tactile characters? <br> So the baseline of the lowest character is at least 48 inches above the floor and the baseline of the highest character is no more than 60 inches above the floor? |  |  | Measurement: |  |
|  | Entrance |  |  |  |  |
| 128 | Is the door opening width at least 32 inches clear, between the face of the door and the stop, when the door is open 90 degrees? |  |  | Measurement: |  |



|  | If the mirror is not over the lavatory or countertop, is the bottom edge of the reflecting surface no higher than 35 inches above the floor? |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 142 | If there is a coat hook, is it no less than 15 inches and no greater than 48 inches above the floor? |  |  | Measurement: |  |
|  | Lavatories |  |  |  |  |
| 143 | Does at least one lavatory have a clear floor space for a forward approach at least 30 inches wide and 48 inches long? |  |  | Measurement: |  |
| 144 | Do no less than 17 inches and no greater than 25 inches of the clear floor space extend under the lavatory so that a person using a wheelchair can get close enough to reach the faucet? |  |  | Measurement: |  |
| 145 | Is the front of the lavatory or counter surface, whichever is higher, no more than 34 inches above the floor? |  |  | Measurement: |  |
| 146 | Is there at least 27 inches clearance from the floor to the bottom of the lavatory that extends at least 8 inches under the lavatory for knee clearance? |  |  | Measurement: |  |
| 147 | Is there toe clearance at least 9 inches high? |  |  | Measurement: |  |
| 148 | Are pipes below the lavatory insulated or otherwise configured to protect against contact? |  |  |  |  |
| 149 | Can the faucet be operated without tight grasping, pinching, or twisting of the wrist? <br> Is the force required to activate the faucet no greater than 5 pounds? |  |  |  |  |
|  | Soap Dispensers and Hand Dryers |  |  |  |  |
| 150 | Are the operable parts of the soap dispenser within one of the following reach ranges: <br> Above lavatories or counters no less than 20 inches and no greater than 25 inches deep: no higher than 44 inches above the floor? <br> Above lavatories less than 20 inches deep: no higher than 48 inches above the floor? <br> Not over an obstruction: no higher than 48 inches above the floor? |  |  | Measurement: |  |
| 151 | Are the operable parts of the hand dryer or towel dispenser within one of the following reach ranges: <br> Above lavatories or counters no less than 20 inches and no greater than 25 inches deep: no higher than 44 inches above the floor? <br> Above lavatories less than 20 inches deep: no higher than 48 inches above the floor? <br> Not over an obstruction: no higher than 48 inches above the floor? <br> Can the operable parts of the hand dryer or towel dispenser be operated without tight grasping, pinching or twisting of the wrist? <br> Is the force required to activate the hand dryer or towel dispenser no greater than 5 pounds? |  |  | Measurement: |  |
|  | Water Closets in Single-User Toilet Rooms and Compartments (Stalls) |  |  |  |  |



| 163 | Is the door opening width at least 32 inches clear, between the face of the door and the stop, when the door is open 90 degrees? |  |  | Measurement: |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 164 | If there is a front approach to the pull side of the door, is there at least 18 inches of maneuvering clearance beyond the latch side plus 60 inches clear depth? |  |  | Measurement: |  |
| 165 | Is the door self-closing? |  |  |  |  |
| 166 | Are there door pulls on both sides of the door that are operable with one hand and do not require tight grasping pinching or twisting of the wrist? |  |  |  |  |
| 167 | Is the lock operable with one hand and without tight grasping, pinching, or twisting of the wrist? |  |  |  |  |
| 168 | Are the operable parts of the door hardware mounted no less than 34 inches and no greater than 48 inches above the floor? |  |  | Measurement: |  |
| 169 | Is the compartment at least 60 inches wide? |  |  | Measurement: |  |
| 170 | If the water closet is wall hung, is the compartment at least 56 inches deep? |  |  | Measurement: |  |
| 171 | If the water closet is floor mounted, is the compartment at least 59 inches deep? |  |  | Measurement: |  |
| 172 | If the door swings in, is the minimum required compartment area provided beyond the swing of the door ( 60 inches x 56 inches if water closet is wall hung or 59 inches if water closet is floor mounted)? |  |  | Measurement: |  |
|  | Priority 4 - Additional Access | YES | NO |  | $\begin{aligned} & \text { COMMIENTS / } \\ & \text { POSSIBLE SOLUTIONS } \end{aligned}$ |
|  | Drinking Fountains |  |  |  |  |
| 173 | Does at least one drinking fountain have a clear floor space at least 30 inches wide x at least 48 inches long centered in front of it for a forward approach? |  |  | Measurement: |  |
| 174 | If there is a forward approach, do no less than 17 inches and no greater than 25 inches of the clear floor space extend under the drinking fountain? |  |  | Measurement: |  |
| 175 | If the drinking fountain is no deeper than 20 inches, are the operable parts no higher than 48 inches above the floor? |  |  | Measurement: |  |
| 176 | If the drinking fountain is no less than 20 inches and no greater than 25 inches deep, are the operable parts no higher than 44 inches above the floor? |  |  | Measurement: |  |
| 177 | Can the control be operated with one hand and without tight grasping, pinching or twisting of the wrist? <br> Is the force required to activate the control no more than 5 pounds? |  |  | Measurement: |  |
| 178 | Is the spout outlet no higher than 36 inches above the floor? |  |  | Measurement: |  |
| 179 | Is the spout: <br> At least 15 inches from the rear of the drinking fountain? <br> No more than 5 inches from the front of the drinking fountain? |  |  | Measurement: |  |
| 180 | If there is more than one drinking fountain, is there at least one for standing persons? <br> Is the spout outlet no lower than 38 inches and no higher than 43 inches above the floor? |  |  | Measurement: |  |


|  | If the leading (bottom) edge of the fountain is higher than 27 inches above the floor, <br> does the front of the fountain protrude no more than 4 inches into the circulation <br> path? |  |  | Measurement: |
| :--- | :--- | :--- | :--- | :--- |
|  | Public Telephones |  |  |  |
| 182 | Does at least one telephone have a clear floor space at least 30 inches wide x at least <br> 48 inches long for a parallel or forward approach? |  |  |  |
| 183 | Is the highest operable part of the telephone no higher than 48 inches above the <br> floor? |  |  | Measurement: |
| 184 | If the leading (bottom) edge of the telephone is higher than 27 inches above the <br> floor, does the front of the telephone protrude no more than 4 inches into the <br> circulation path? |  |  | Measurement: |
| 185 | Does at least one telephone have a volume control? |  |  |  |
| 186 | Is the volume control identified by a pictogram of a telephone handset with <br> radiating sound waves? |  |  |  |
| 187 | Does at least one telephone have a TTY? |  |  |  |
| 188 | Is the touch surface of the TTY keypad at least 34 inches above the floor? |  |  | Measurement: |
| 189 | Is the TTY identified by the International Symbol of TTY? <br> 190 | Do signs that provide direction to public telephones also provide direction to the <br> TTY? |  |  |
| 191 | Do telephones that do not have a TTY provide direction to the TTY? |  |  |  |
|  | Fire Alarm Systems |  |  |  |
| 192 | If there are fire alarm systems, do they have both flashing lights and audible <br> signals? |  |  |  |

Mississippi Valley Workforce Development Board

## ADA Assessment Reference Guide

## How to Use this Checklist

Get Organized - One person can conduct a survey, but it's easier with two people. One person can take measurements and the other person can fill out the checklist and take photos.

Obtain Floor Plan or Make Sketch - A floor plan helps the surveyors to get organized and to know how many elements there are, such as entrances and toilet rooms. If plans are not available, sketch the exterior and interior layout of interior and exterior spaces and mark the elements on the sketch.

Make Copies of the Checklist - Determine how many copies of each section of the checklist you need. For example, most facilities have more than one toilet room.

## Gather Tools

- Checklist
- Clipboard
- Tape measure
- Electronic or carpenter's level - 24 inches
- Door pressure gauge or fish scale
- Camera
- Bag to hold these items


## Conduct the Survey

Start Outside - Start from site arrival points such as drop-off areas and sidewalks. Determine if there is an accessible route to an accessible entrance. If there is a parking lot or garage check for the correct number of accessible parking spaces, including van-accessible spaces. Is there an accessible route from the accessible parking spaces to an accessible entrance? Next survey the entrances. If there is an accessible entrance, determine if there are signs at inaccessible entrances directing people to the accessible entrance. Go inside and continue through the facility.

Keep Good Notes - Write on the front of each checklist where you are surveying. You may end up with six toilet room checklists. When you get back to your office, you'll want to know which one is the checklist for the first-floor women's room. If there isn't an accessible entrance, you'll want to indicate how many steps there are and how much space is available to install a ramp or lift. This is a good time to take photographs.

Take Good Measurements - When in doubt write it down. It's better to have too much information than not enough. Even if something is in compliance it's helpful to have exact measurements.

Parking Spaces - Measure from the center of marking lines. If lines are not adjacent to another space or aisle the measurement can be to the full width of the line.

Door Clear Width - Open the door 90 degrees, measure from the face of the door to the edge of the door stop.

Door Opening Force - If you're using a door pressure gauge place it where you would push open the door. If you're using a fish scale place it where you would pull open the door.

Accessible Slopes - You can measure slope with a 24-inch level and a tape measure. Put the level on the surface in the direction you are measuring. Put one end at the high point of the surface and raise the other end so that the bubble is in the middle of the level's gauge. The level is now level. Measure the distance between the end of the level at its bottom point and the surface.
For a ramp the maximum running slope allowed is $1: 12$. That means for every inch of height change there should be at least 12 inches of ramp run. If the distance between the bottom of the level and the ramp surface is 2 inches or less, then the slope is $1: 12$ or less $(2: 24=1: 12$ and 1.5:24 $=1: 16$ which is a more gradual slope than 1:12). If the distance is greater than 2 inches, the ramp is too steep. For example, if the distance is 3 inches, then the slope is $1: 8(3: 24=1: 8$ which is a steeper slope than 1:12).
For the parts of an accessible route that aren't a ramp, the maximum running slope allowed is 1:20. That means for every inch of height change there must be at least 20 inches of route run. The distance from the bottom edge of the level to the surface should be no more than 1.2 inches (1.2:24 $=1: 20$ ).
For the cross slope of an accessible route the maximum slope allowed is 1:48. The distance from the bottom edge of the level to the surface should be no more than $1 / 2$ inch $(.5: 24=1: 48)$. The cross slope of an accessible route is the slope that is perpendicular to the direction of pedestrian travel. Slopes may also be measured using a digital level. Be sure to read the instructions. Measure with the percent calculation rather than the degrees calculation. For a ramp the maximum running slope allowed is $8.33 \%$ ( $8.33 \%$ is a $1: 12$ slope). For an accessible route without a ramp the maximum running slope allowed is $5 \%(1: 20)$. For the cross slope of an accessible route the maximum slope allowed is $2.083 \%(1: 48)$.

Check that You Got Everything - Before you leave the site review all the checklists. Make sure you know which checklist goes with which entrance and which toilet room and that you've got all the information you need. It is better to do it now than to have to go back.

## After the Survey

List Barriers and Solutions - Consider the solutions listed beside each question on the checklist and add your own ideas. Consult with building contractors and equipment suppliers to estimate the costs for making modifications.

Develop an Implementation Plan - Although an implementation plan is not required, the Department of Justice recommends such a plan, specifying what barriers will be removed and when solutions will occur: "...Such a plan...could serve as evidence of a good faith effort to comply..." Prioritize items, make a timeline and develop a budget. Where the removal of barriers is not readily achievable, consider whether there are alternative methods for providing access that are readily achievable such as curbside takeout service at a restaurant with an accessible intercom system outside.

Make Changes - Use the 2010 ADA Standards for Accessible Design. Note: Until March 15, 2012, the 1991 ADA Standards for Accessible Design may be used for readily achievable barrier removal. Check whether local and state building codes require greater accessibility when alterations are undertaken.

Follow Up - Review the implementation plan each year to evaluate whether more access improvements have become readily achievable.

| 1 | NONE |
| :---: | :---: |
|  | Parking - Accessible parking spaces should be identified by size, access aisle and signage. |
| 2 | Total Spaces Accessible <br> Spaces <br> $1-25$ 1 <br> $26-50$ 2 <br> $51-75$ 3 <br> $76-100$ 4 |
| 3 | *For every 6 or fraction of 6 parking spaces required by the table above, at least 1 should be a van accessible space. <br> *If constructed before $3 / 15 / 2012$, parking is compliant if at least 1 in every 8 accessible spaces is van accessible |
| 4 | Note: Two spaces may share an access aisle. Check state/local requirements; some specify that each space have its own aisle. |
| 5 |  |
| 6 |  |


| 7 | Note: The marking method and color may be addressed by state/local requirements. |
| :---: | :---: |
| 8 | NONE |
| 9 |  |
| 10 | Note: The International Symbol of Accessibility is not required on the ground. |
| 11 |  |
| 12 | Note: If parking serves multiple entrances, accessible parking should be dispersed. |
|  | Exterior Accessible Route |
| 13 | NONE |
| 14 |  |

Note: The accessible route can narrow to 32 inches min. for a max. of 24 inches. These narrower portions

| 9 |  |
| :---: | :---: |
| 20 |  |
| 21 |  |
| 22 |  |
| 23 |  |
| 24 |  |
|  | Ramps - If any portion of the accessible route is steeper than 1:20, it should be treated as a ramp. |
|  |  |


| 25 | Note: If there are handrails, measure between the handrails. |
| :---: | :---: |
| 26 | NONE |
| 27 | Note: Rises no greater than 3 inches with a slope no steeper than $1: 8$ and rises no greater than 6 inches with a slope no steeper than 1:10 are permitted when such slopes are necessary due to space limitations. |
| 28 |  |
| 29 |  |
| 30 | Note: Curb ramps are not required to have handrails. |
| 31 |  |

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| 44 |  |
| :---: | :---: |
| 45 |  |
| 46 |  |
| 47 |  |
| 48 |  |
| 49 | NONE |
|  | PRIORITY 2 - ACCESS TO GOODS \& SERVICES |
| 50 | NONE |
|  | Interior Accessible Route |

51 NONE
Note: Vertical access is not required in new construction or alterations if a facility is less than three stories
or has less than 3,000 square feet per story, unless the facility is a shopping center, shopping mall,
professional office of a health care provider, transportation terminal, state facility or local government
facility.

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83



Interior Doors - to classrooms, medical exam rooms, conference rooms, etc.
99
95
Seating: Assembly Areas - theaters, auditoriums, stadiums, theater style classrooms, etc.
106
Seating: General - reception areas, waiting rooms, etc.
123


| 128 |  |
| :---: | :---: |
| 129 |  |
| 130 | Note: The first $1 / 4$ inch of the $1 / 2$ or $3 / 4$ inch threshold may be vertical; the rest must be beveled. |
| 131 |  |
| 132 |  |
| 133 | Note: You can use a pressure gauge or fish scale to measure force. If you do not have one you will need to judge whether the door is easy to open. |

136

| 138 |  |
| :---: | :---: |
| 139 |  |
| 140 |  |
| 141 | *If installed before $3 / 15 / 2012$ and the bottom edge of the reflecting surface is no higher than 40 inches above the floor, lowering the mirror to 35 inches is not required |
| 142 | *If installed before 3/15/2010 and the clear floor space allows a parallel approach, the coat hook may be 54 inches above the floor |
|  | Lavatories |
| 143 |  |

144

| 150 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 151 |  |  |  |  |
|  | Water | Closets in Single | ilet Rooms and | ents (Stalls) |
| 152 |  |  |  |  |
| 153 | *If cons wide by the door and urin | structed before 3 66 inches long $r$ to the room doe nals) and the edg | arances around w es wide by 56 inc ing into the require vatory is at least | s in single user toile nd the lavatory may es at fixtures (such as from the centerline of |
| 154 |  |  |  |  |

159
161
169
175
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(

| 188 | Note: If a seat is provided, the TTY is not required to be 34 inches minimum above the floor. |
| :---: | :---: |
| 189 |  |
| 190 |  |
| 191 |  |
|  | Fire Alarm Systems |
| 192 |  |

## WEBSITE AND PDF ACCESSIBILITY REVIEW

- This would include a full accessibility review of the website or PDF.
- After the review, a full written assessment will be provided with areas for improvement, a suggestion of tools that can be used for support, and any additional information about how changes can be made to improve accessibility.
- Fee: \$90/hour
- When an individual reaches out to explore an accessibility or PDF review, an estimate of time and cost will be provided per the size of the website.


## ACCESSIBILITY COURSE

The Easterseals Iowa Assistive Technology Program, in collaboration with the University of Iowa Center for Excellence in Developmental Disabilities and University of Iowa Technology Services, created an online accessibility course, "Creating Accessible Materials".

The purpose of this course is to explore the identification, design, and creation of accessible digital content; known in education as accessible educational materials.

Contact Easterseals Assistive Technology Center for more information at atinfo@eastersealsia.org or Toll Free 1-866-866-8782.
The Easterseals lowa Assistive Technology Program is made possible through funding from the Center for Disabilities and Development at the University of lowa Health Care supported by the State AT Program grant from the U.S. Department of Health and Human Services Administration for Community Living. Its contents are solely the responsibility of the authors and do not necessarily represent the official views of the Administration for Community Living or HHS.

## FOR MORE INFORMATION

 atinfo@easterseealsia.org • Toll Free Number: 1-866-866-8782 • TTY Number: 515-289-4069