

Solutions and Cost Estimates
Johnson Gill Annex and Courthouse
1 Kings Highway Middletown, NJ

1. The following are solutions and cost estimates for the women's bathroom at the Johnson Gill Annex Building.
 - b. Replace the faucet handles with lever type that can be operated with a closed fist. Retrofit kit approximately \$30.00.
 - c. Remove an additional quarter inch of apron underneath the sink so that you have 29 inches of clearance underneath the sink apron. Cost \$40.00. Make sure that there is 30 inches of clear floor space between the garbage can and any obstacle to the left of the sink.
 - d. Insulate the hot water and drain pipes using a standard kit available at a plumbing store. Cost \$65.00.
 - e. Replace the continuous grab bar with a bar behind the toilet that measures 36 inches and meets the standards of the ANSI and ADAAG for positioning. Cost \$45.00.
 - f. Replace the side grab bar with a bar that is at least 42 inches long and is a maximum of 12 inches off of the back wall so that the end of the bar protrudes at least 54 inches. Cost \$65.00.
 - g. Replace the toilet with a unit that measures 17-19 inches above the finished floor to the top of the seat. Cost \$160.00.
 - h. Lower the coat hook so that the top of the hook is not more than 48 inches above the finished floor. Can be adjusted by city maintenance.
 - i. Install a self closing mechanism on the stall door. This alleviates the need to replace the lock. Cost \$85.00
 - j. See item (i.) above.
 - k. Adjust the opening pressure at the top of the door so that the weight to operate is 5 pounds or less. This adjustment can be performed by maintenance.
 - l. Replace the paper towel dispenser with one that can be operated with a lever. A new dispenser cost is \$50.00.
 - m. Lower the mirror so that the bottom of the reflective surface is mounted at 40 inches or below. Can be performed by maintenance.

2. The following are solutions and cost estimates for the men's bathroom at the Johnson Gill Annex Building.
 - a. Replace the toilet with a unit that measures 17-19 inches above the finished floor to the top of the seat. Cost \$160.00.
 - b. Replace the continuous grab bar with a bar behind the toilet that measures 36 inches and meets the standards of the ANSI and ADAAG for positioning. Cost \$45.00.
Replace the side grab bar with a bar that is at least 42 inches long and is a maximum of 12 inches off of the back wall so that the end of the bar protrudes at least 54 inches. Cost \$65.00.
 - c. When the toilet is replaced it should be replaced with a water tank that has the flush valve

- mounted on the right side when the back of the toilet is against the back wall. Cost is included in item (a.).
- d. Remove an additional inch of apron underneath the sink so that you have 29 inches of clearance underneath the sink apron. Cost \$40.00. Make sure that there is 30 inches of clear floor space between the garbage can and any obstacle to the left of the sink.
 - e. Adjust the opening pressure at the top of the door so that the weight to operate is 5 pounds or less. This adjustment can be performed by maintenance.
 - f. Lower the coat hook so that the top of the hook is not more than 48 inches above the finished floor. Can be adjusted by city maintenance.
 - g. Replace the faucet handles with lever type that can be operated with a closed fist. Retrofit kit approximately \$30.00.
 - h. Insulate the hot water and drain pipes using a standard kit available at a plumbing store. Cost \$65.00.
 - i. Install a self-closing mechanism on the stall door. This alleviates the need to replace the lock. Cost \$85.00.
 - j. Replace the paper towel dispenser with one that can be operated with a lever. A new dispenser cost is \$50.00.
3. Install an auxiliary counter which is 3 feet long and no more than 36 inches above the finished floor. Another means of delivering service could be a clipboard that is kept at each location and is used to facilitate transactions. Cost for a counter \$100.00. Cost for a clipboard \$3.00.
 4. The following are solutions and cost estimates for the following problems with counters in the tax collector's office.
 - a. Install an auxiliary counter which is 3 feet long and no more than 36 inches above the finished floor. Another means of delivering service could be a clipboard that is kept at each location and is used to facilitate transactions. Cost for a counter \$100.00. Cost for a clipboard \$3.00.
 - b. Lower the computer keyboard counter to 36 inches above the finished floor. Cost \$35.00.
 - c. Place a lowered counter underneath the window that is 36 inches long and no more than 36 inches above the finished floor. Cost \$25.00.
 5. Adjust the door mechanism so that the door closes at a slower rate more consistent with the ANSI or ADAAG standards. Cost (can be achieved by maintenance).
 6. The area immediately in front of the door needs to be removed and a new concrete pad needs to be installed which has a slope of 2% or less. Cost \$1200.00.
 7.
 - a. Bevel the transition from the road to the curb cut so that the transition is a quarter inch or

- less. Cost \$100.00.
- b. Repave the area where the disabled parking spaces are and allow no more than a 2% slope in any direction. Repaint the parking spaces so there are at least two 8 foot parking spaces with an 8 foot van accessible access aisle between them. Cost \$600.00.
- 8.
- a. Install proper signage designating disabled spaces, being careful to mount the signage at least 5 feet above the finished surface to the bottom of the lowest sign. There needs to be a sign installed showing the international sign for accessibility, a second sign designating the space as van accessible, and finally a third sign outlining the fines for infractions. Cost \$75.00 per parking space.
 - b. Repave the area where the disabled parking spaces are and allow no more than a 2% slope in any direction. Repaint the parking spaces so there are at least two 8 foot parking spaces with an 8 foot van accessible access aisle between them. Cost \$1000.00.
 - c. Make the access aisle 8 feet wide instead of the present 7 foot wide. Put the access aisle in such a place that the public is not forced to travel behind parked vehicles in order to access the ramp. Cost included in item (b.).
 - d.-g. This ramp will need to be removed because of the many problems such as excessive slopes on the incline and unlevel landings with slopes greater than 2%. The first ramp section needs to be approx. 3 feet longer to allow a more gradual slope of less than 8.33%. The handrails will need to have proper extensions at the top and bottom of 12 inches. Cost: \$12000.00
- 9.
- a. Install a self closing mechanism on the stall door. This alleviates the need to replace the lock. Cost \$85.00
 - b. Replace the paper towel dispenser with one that can be operated with a lever. A new dispenser cost is \$50.00
10. Replace the soda machines with machines that have dollar and coin slots not above 48 inches. The cost will be paid for by the vending companies.
- 11.
- a. The toilet paper dispenser needs to be relocated so that the outside edge of the toilet paper is not more than 36 inches. Cost can be done by maintenance.
 - b. Coat hook needs to be lowered so it can be accessed from a front or side approach and needs to be placed at 48 inches or below. Cost can be done by maintenance.
 - c.
 - d. Widen the shields on either side of the urinal so that there is clear floor space of 30 inches wide. Cost can be done by maintenance.
 - e. Replace the paper towel dispenser with one that can be operated with a lever. A new

dispenser cost is \$50.00

- 12.-14. Install an auxiliary counter which is 3 feet long and no more than 36 inches above the finished floor. Another means of delivering service could be a clipboard that is kept at each location and is used to facilitate transactions. Cost for a counter \$100.00. Cost for a clipboard \$3.00.
15. The handrails need to be properly anchored so they do not wiggle and otherwise move while being used. The ramp also has an excessive slope of 11.9% and will need to be removed or another means of access to this area will need to be found. Cost: if ramp is removed and replaced \$2400.00.
16. Replace with handrails that are between 1.25 inches and 1.5 inches in diameter placed at a mounting height between 33 and 36 inches. Cost \$1400.00.
17. Adjust the opening pressure at the top of the door so that the weight to operate is 5 pounds or less. This adjustment can be performed by maintenance.
18. Install an auxiliary counter which is 3 feet long and no more than 36 inches above the finished floor. Another means of delivering service could be a clipboard that is kept at each location and is used to facilitate transactions. Cost for a counter \$100.00. Cost for a clipboard \$3.00.
19. Install an auxiliary counter which is 3 feet long and no more than 36 inches above the finished floor. Another means of delivering service could be a clipboard that is kept at each location and is used to facilitate transactions. Cost for a counter \$100.00. Cost for a clipboard \$3.00.
20. Install a proper water fountain that has the controls either on the front or side of the water fountain giving proper knee clearances. Cost \$3100.00
21. Replace with handrails that are between 1.25 inches and 1.5 inches in diameter placed at a mounting height between 33 and 36 inches. Cost \$1400.00.
22. Replace present curb cut with a new curb cut that has a slope less than 8.33%. Cost \$300.00.
23. Install a level landing at the bottom of the ramp. Cost \$350.00
24. Repaint the parking spaces so that you have two 8 foot wide parking spaces with a 5 foot access aisle between them. Cost \$85.00

