

NJ DOT PROJECT REFERENCE NUMBER _____
SPECIFICATION

Newark Maintenance Yard - Door Replacement

602 Rte #1 & #9
Newark, NJ 07114

The Following is the **SCOPE** of work for this project as well as all pertinent **MATERIAL** details. Please refer to the attached specifications for specific materials requested for this bid. Please provide all specified materials and associated materials that may be required but not listed for a complete and proper installation.

Scope:

- Item#1- Removal and replacement of (3) existing doors, frames and hardware- to be replaced with new FRP door, Anodized aluminum frame and specified hardware
- Item#2- Removal and replacement of (0) existing door, frame and hardware- to be replaced with new (split finish) FRP door, (split finish) Anodized aluminum frame and specified hardware
- Item#3- Removal and replacement of (0) existing door, frame and hardware- to be replaced with new FIRE RATED FRP door, FIRE RATED Hollow Metal Frame and specified hardware
- Item#4- Removal and replacement of (0) existing door, frame and hardware- to be replaced with new FIRE RATED FRP door, NON-FIRE RATED Hollow Metal Frame and specified hardware
- Item#5- Removal and replacement of (1) existing non fire-rated doors and hardware (existing frames to remain) - to be replaced with new FRP doors and specified hardware.
- Item#6- Removal and replacement of (6) existing fire-rated doors and hardware (existing frames to remain) - to be replaced with new Fire-Rated FRP doors and specified hardware.
- Item#7- Removal and replacement of (0) existing door, frame and hardware- to be replaced with new FRP door, Hollow Metal Frame and specified hardware
- All existing HM frames to remain and NEW HM frames installed to be primed, and painted two finish coats Sherwin-Williams DTM finish (color UPS BROWN) unless otherwise noted a split finish paint. (split colors will be selected by owners)
- Installation of new door hardware, to match new hardware being installed state wide (Hardware sets and manufacturer listed below)
- Full perimeter caulk, inside and out. Saddles set in a bed of sealant (CRL- M66- Dark Bronze) or (CRL- M66 Gray) color per frame color- caulk to match frame color including split finish frames
- Large Format I/C cores supplied and installed to match current keying system- Keying information provided by NJ DOT.
- All work to include removal of all trash and debris - daily (No opening is to be left uncompleted or unsecured each day)
- All Dimension set forth below are for reference only! Contractor to verify final make sizes for proper installation.

Materials List/Opening:

- All (NON Fire-Rated doors) to Be FRP Architectural Doors INC. - FD55 model with .032 core liner. (Must use physical core liner no exceptions)
- All (Fire-Rated doors) to Be FRP Architectural Doors INC.- FR90 model with Stainless Steel Edges.
- All FRP face sheets to be Crane/Kemlite- with UV protection (No Exceptions) COLOR T.B.D FROM MANUFACTURERS FULL RANGE
- All FD55 doors to have ANODIZED trim, and vision kits (where applicable) UNLESS OTHERWISE NOTED
- All FR90 doors to have Stainless Steel Door trim and Stainless Steel Fire Rated Vision kits (where applicable)
- All Flush Pulls by FRP door Manufacturer (where noted) will match Door trim
- All Anodized Aluminum Frames to be 2"x 4 1/2" FS24, 2"x 6" FS26 or 2"x 8" FS28 series as noted per door tag below, with Clear or Dark Bronze Anodized Finish. UNLESS OTHERWISE NOTED
- All Fire Rated Frames to be fully welded 14ga 5 3/4" 90 min rated. Fully reinforced for full mortise continuous hinge, closer and all appropriate hardware. OVER ALL JAMB WIDTH MAY VARY PLEASE SEE INDIVIDUAL DOOR OPENING # FOR DETAILS
- All doors to have Dark Bronze or Clear anodized ABH- A240HD Full Mortise continuous hinges- AS NOTED PER OPENING #
- All Paint to be Sherwin-Williams DTM (Color-UPS BROWN)
- All doors to have Yale Large Format Final I/C cores Keyed as per NJDOT specifications
- All hardware associated with a Fire Rated opening to be Fire Rated, complying with required rating.
- All FD55 doors to have integral bottom sweep weather seal by Door manufacturer
- All Aluminum Frames to have integral weather seal by Door manufacturer
- All Doors to be keyed as per NJ DOT's Request (4 change keys per door & 4 control keys TOTAL 40 keys) cylinders to be included in price, keyed and installed
- All Existing door contacts to be re-used/re-installed

Door #1 (Front Main Entrance Doors) Item #5

- 6ft Wide x 7ft 8" High Equal Pair of CUSTOM SIZED- HG2 (Half Glass 2) FD55 FRP Doors
- Glass to be clear 1" thick insulated - make up as follows - (1/4" clear tempered laminated x 1/2" air space x 1/4" clear tempered laminated)
- 2- Stanley Precision 3ROQ2108 X V4908A X 630 finish - Full Escutcheon Entry Lever Trim
- 1- HES innovations 9600 series surface mounted electric strike with SMARTPAK
- 2- Dorma 8916 x DST grade 1 commercial door closer X 689 finish
- 2- ABH A240HD Full Mortise Continuous Hinges X Clear Anodized Finish
- Pemko CT series 1/2" Saddle Threshold- 2549A- with Pemkote
- * Existing Frame,Fixed Mullion and all accessories to remain *
- * Existing Electrical Components to remain and be re-used *
- * Integration of new electric strike by others*

Door #2 (Bay #10 Pair) Item #6

- 6ft wide x 7ft 2" high - Equal Pair of 90 min fire rated FR90 FRP Doors with NG1 (Narrow Lite) vision kits (LHR) Door trim to be stainless steel finish (REVERSE SWING)
- Glass to be 5/16" thick Pyran Platinum - L 90 min rated clear glass
- 2- Stainless Steel fire rated vision kits
- 2- Stanley Precision 3ROFL2114 x V4914A - Full Escutcheon Passage Trim X 630 finish
- 2- Dorma 8916 x DST grade 1 commercial door closer X 689 finish
- 2- ABH A240HD Full Mortise Continuous Hinge X Dark Bronze Anodized Finish
- Pemko CT series 1/4" Saddle Threshold- 276AK- with Pemkote (or larger)
- 1 set Pemko S88 full perimeter smoke seal
- * Repair existing lower frame legs - as required

Door #3 (Garage #8 to Garage #9) Item #6

- 3ft wide x 7ft 2" high - Single 90 min fire rated FR90 FRP Door with NG1 (Narrow Lite) vision kit. Door trim to be stainless steel finish (REVERSE SWING)
- Glass to be 5/16" thick Pyran Platinum - L 90 min rated clear glass
- Stainless Steel fire rated vision kits
- Stanley Precision 3ROFL2114 x V4914A - Full Escutcheon Passage Trim X 630 finish
- Dorma 8916 x DST grade 1 commercial door closer X 689 finish
- ABH A240HD Full Mortise Continuous Hinge X Dark Bronze Anodized Finish
- Pemko CT series 1/4" Saddle Threshold- 276AK- with Pemkote (or larger)
- 1 set Pemko S88 full perimeter smoke seal
- * Repair existing lower frame legs - as required

Door #4 (Garage Bay #8 Exit) Item #1

- 3ft Wide x 93" High CUSTOM SIZED- Flush FD55 FRP Door with NL (Narrow Lite) vision kit (LHR)
- Glass to be clear 1" thick insulated - make up as follows - (1/4" clear tempered laminated x 1/2" air space x 1/4" clear tempered laminated)
- 2" x 6" Dark Bronze anodized aluminum 3 sided frame, over all dimension 40" wide x 95" high
- Stanley Precision 3RO2103 X NL cylinder X 630 finish
- FP62 Flush Pull by door manufacturer
- Dorma 8916 x DST grade 1 commercial door closer X 689 finish
- ABH A240HD Full Mortise Continuous Hinge X Dark Bronze Anodized Finish
- Pemko CT series 1/2" Saddle Threshold- 2549A- with Pemkote
- * Transom Deleted *

Door #5 (Office to Garage Bay #6) Item #6

- 3ft wide x 7ft 2" high - Single 90 min fire rated FR90 FRP Door with NG1 (Narrow Lite) vision kit. Door trim to be stainless steel finish (REVERSE SWING)
- Glass to be 5/16" thick Pyran Platinum - L 90 min rated clear glass
- Stainless Steel fire rated vision kits
- Stanley Precision 3ROFL2114 x V4914A - Full Escutcheon Passage Trim X 630 finish
- Dorma 8916 x DST grade 1 commercial door closer X 689 finish
- ABH A240HD Full Mortise Continuous Hinge X Dark Bronze Anodized Finish
- Pemko CT series 1/4" Saddle Threshold- 276AK- with Pemkote (or larger)
- 1 set Pemko S88 full perimeter smoke seal
- * Repair existing lower frame legs - as required

Door #6 (Lunchroom Exit) Item #1

- 3ft Wide x 93" High CUSTOM SIZED- Flush FD55 FRP Door with NL (Narrow Lite) vision kit (LHR)
- Glass to be clear 1" thick insulated - make up as follows - (1/4" clear tempered laminated x 1/2" air space x 1/4" clear tempered laminated)
- 2" x 6" Dark Bronze anodized aluminum 3 sided frame, over all dimension 40" wide x 95" high
- Stanley Precision 3RO2103 X NL cylinder X 630 finish
- FP62 Flush Pull by door manufacturer
- Dorma 8916 x DST grade 1 commercial door closer X 689 finish
- ABH A240HD Full Mortise Continuous Hinge X Dark Bronze Anodized Finish
- Pemko CT series 1/2" Saddle Threshold- 2549A- with Pemkote
- * Transom Deleted *

Door #7 (Office to Garage Bay #5) Item #6

- 3ft wide x 7ft 2" high - Single 90 min fire rated FR90 FRP Door with NG1 (Narrow Lite) vision kit. Door trim to be stainless steel finish (RHR)
- Glass to be 5/16" thick Pyran Platinum - L 90 min rated clear glass
- Stainless Steel fire rated vision kits
- Stanley Precision 3ROFL2114 x V4914A - Full Escutcheon Passage Trim X 630 finish
- Dorma 8916 x DST grade 1 commercial door closer X 689 finish
- ABH A240HD Full Mortise Continuous Hinge X Dark Bronze Anodized Finish
- Pemko CT series 1/4" Saddle Threshold- 276AK- with Pemkote (or larger)
- 1 set Pemko S88 full perimeter smoke seal
- * Repair existing lower frame legs - as required

Door #8 (Garage Bay #3 Exit) Item #1

- 3ft Wide x 93" High CUSTOM SIZED- Flush FD55 FRP Door with NL (Narrow Lite) vision kit (RHR)
- Glass to be clear 1" thick insulated - make up as follows - (1/4" clear tempered laminated x 1/2" air space x 1/4" clear tempered laminated)
- 2" x 6" Dark Bronze anodized aluminum 3 sided frame, over all dimension 40" wide x 95" high
- Stanley Precision 3ROQ2103 X NL cylinder X 630 finish
- FP62 Flush Pull by door manufacturer
- Dorma 8916 x DST grade 1 commercial door closer X 689 finish
- ABH A240HD Full Mortise Continuous Hinge X Dark Bronze Anodized Finish
- Pemko CT series 1/2" Saddle Threshold- 2549A- with Pemkote
- * Transom Deleted *

Door #9 (Sign Shop to Garage Bay #3 Exit) Item #6

- 3ft wide x 7ft 2" high - Single 90 min fire rated FR90 FRP Door with NG1 (Narrow Lite) vision kit. Door trim to be stainless steel finish (Reverse Swing)
- Glass to be 5/16" thick Pyran Platinum - L 90 min rated clear glass
- Stainless Steel fire rated vision kits
- Stanley Precision 3ROFL2114 x V4914A - Full Escutcheon Passage Trim X 630 finish
- Dorma 8916 x DST grade 1 commercial door closer X 689 finish
- ABH A240HD Full Mortise Continuous Hinge X Dark Bronze Anodized Finish
- Pemko CT series 1/4" Saddle Threshold- 276AK- with Pemkote (or larger)
- 1 set Pemko S88 full perimeter smoke seal
- * Repair existing lower frame legs - as required

Door #10 (Garage #2 to Sign Shop) Item #6

- 3ft wide x 7ft 2" high - Single 90 min fire rated FR90 FRP Door with NG1 (Narrow Lite) vision kit. Door trim to be stainless steel finish (REVERSE SWING)
- Glass to be 5/16" thick Pyran Platinum - L 90 min rated clear glass
- Stainless Steel fire rated vision kits
- Stanley Precision 3ROFL2114 x V4914A - Full Escutcheon Passage Trim X 630 finish
- Dorma 8916 x DST grade 1 commercial door closer X 689 finish
- ABH A240HD Full Mortise Continuous Hinge X Dark Bronze Anodized Finish
- 1 set Pemko S88 full perimeter smoke seal
- * Repair existing lower frame legs - as required

****** Catalog Cut Packet Attached - Catalog Cut Package May Not Represent Items Listed Within This Specific Bid. Please Use As Reference. Materials Noted Above In Door #'s Are What Is To Be Bid Upon. ******

***** Any and all electrical hardware/components listed above within scope are either stand alone electronics or for future integration. No electrical / access control work is required in this bid. Provide materials as noted, reuse existing components as noted *****

