


GLASSBORO PUBLIC SCHOOLS
GLASSBORO, NEW JERSEY

TO: Mark Silverstein
FROM: Walter Pudelko 
DATE: October 14, 2015
RE: Items for August 14, 2015 Operations Agenda

Summary Report & Project Timelines

Attached, please find a project summary and project timelines as provided by George Duthie, FVHD.

WSP/b

Attachments

Pudelko, Walter S.

From: George R. Duthie, AIA, PP <gduthie@fvhdpc.com>
Sent: Wednesday, October 14, 2015 9:57 AM
To: Pudelko, Walter S.
Cc: Karen L. Mamo
Subject: Monthly Progress Time Line OCT 2015 Glassboro BOE FVHD 4522 A-I
Attachments: 4522K_ADMINTimeLine_Oct2015.pdf; 4522_MonthlySummary_101415.pdf; 4522A_JHRTIMEline_Oct2015.pdf; 4522B_DBESTIMEline_Oct2015.pdf; 4522C_TBESTIMEline_Oct2015.pdf; 4522D_GISTIMEline_Oct2015.pdf; 4522F_GHSRoofTimeLine_Oct2015.pdf; 4522F_GHSTIMEline_Oct2015.pdf; 4522G_GISRoofTimeLine_Oct2015.pdf; 4522H_TBESRoofTimeLine_Oct2015.pdf; 4522I_DBESRoofTimeLine_Oct2015.pdf; 4522J_JHRESRoofTimeLine_Oct2015.pdf

Walt-

In accordance with your request, please find attached work task and time charts for each of the projects. When reviewing these sheets it is important to note that the level of work varies at each school and by phase as well.

We have also included the single page summary.

Please let me know if there are any questions.

Thank you.

George

GEORGE R. DUTHIE, AIA, PP
Principal | Vice-President | x205



Fraytak Veisz Hopkins Duthie PC

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ARCHITECT'S WORK SUMMARY

Glassboro Board of Education

FVHD 4522

Date: October 14, 2015

Major Events and Milestones Since Last Report

Design details have been developed and presented to the Principals of the HS and Bowe School.

Work continues on construction documents which are now 50% - 75% complete depending upon project. Progress on the construction documents is ahead of schedule.

Project Update Since Last Report:

Roofing Projects

A separate project will be bid for rising wall flashing replacement at the High School and Thomas Bowe ES. This is due to leaks which were experienced during recent heavy wind driven rains. These areas are separate from the emergent leak repair areas previously completed. A meeting was held with the principals of each school to review the scope of work and anticipated impact.

Roofing project construction documents are well underway for all buildings. The documents are well on schedule for completion by end of year.

Renovation Projects

Final layout revisions have been completed and district approval of same is pending.

The front entrance design for the High School has been finalized and approved.

Drawings for renovation areas are well underway with completion expected before end of year.

Rehabilitation Projects (All Schools)

Discussions have taken place regarding specific equipment selections for rehabilitation/renovation areas. These items include doors, hardware, toilet rooms, controls, lighting and many others. This process is ongoing and will continue.

Drawings for rehabilitation work are well underway with completion expected before end of year.

Project Time Line- All Phases (with progress)

Glassboro Board of Education

Rehabilitation Projects at Admin Bldg FVHD 4522K

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
<u>Schematic Design (15% of fee)</u>	671 days	Fri 11/30/12	Fri 6/26/15	100%
NJDOE project initiation/initial applications- multiple	593 days	Fri 11/30/12	Tue 3/10/15	100%
NJDOE preparation of resolutions	593 days	Fri 11/30/12	Tue 3/10/15	100%
NJDOE educational submission/ed specs	593 days	Fri 11/30/12	Tue 3/10/15	100%
Base plans- block out	1 day	Fri 11/30/12	Fri 11/30/12	100%
NJDOE schematic level drawings- scope- multiple	593 days	Fri 11/30/12	Tue 3/10/15	100%
NJDOE detail applications- multiple	593 days	Fri 11/30/12	Tue 3/10/15	100%
Building visits and initial scope development- multiple including MEP, roofing	593 days	Fri 11/30/12	Tue 3/10/15	100%
Scope investigation- roofing mfr including warranty data	593 days	Fri 11/30/12	Tue 3/10/15	100%
Scope itemization and cost estimating	1 day	Fri 11/30/12	Fri 11/30/12	100%
Develop referendum options and questions- multiple	1 day	Fri 11/30/12	Fri 11/30/12	100%
Completion of NJDOE project cost estimates- multiple	1 day	Fri 11/30/12	Fri 11/30/12	100%
Schematic design review/presentation meetings- multiple	1 day	Fri 11/30/12	Fri 11/30/12	100%
Gather existing drawings for scanning and filing	1 day	Fri 11/30/12	Fri 11/30/12	100%
Project kick-off meeting	1 day	Mon 3/23/15	Mon 3/23/15	100%
Clock/PA initial meeting G Weeks	1 day	Thu 4/16/15	Thu 4/16/15	100%
Clock/PA initial meeting G Weeks/vendor	1 day	Tue 4/21/15	Tue 4/21/15	100%



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Glassboro Board of Education

Rehabilitation Projects at Admin Bldg FVHD 4522K

Date: October 14, 2015

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<u>Design Development Phase (20% of fee)</u>	65 days	Tue 6/2/15	Mon 8/31/15	95%
Clock/PA detail review meeting G Weeks/Vendor	12 days	Mon 6/15/15	Tue 6/30/15	100%
Clock/PA scope review drawing	1 day	Tue 6/2/15	Tue 6/2/15	100%
Security/video initial meeting G Weeks	23 days	Wed 7/1/15	Fri 7/31/15	100%
Security/video initial meeting G Weeks/vendor	33 days	Wed 7/1/15	Fri 8/14/15	100%
Security/video detail review meeting G Weeks/Vendor	20 days	Mon 8/3/15	Fri 8/28/15	90%
Security/video scope review drawing	20 days	Mon 8/3/15	Fri 8/28/15	90%
MEP: Project initial walk-through and review	10 days	Mon 6/22/15	Fri 7/3/15	100%
MEP: Site visits and verifications	35 days	Mon 6/29/15	Fri 8/14/15	90%
MEP: Detail system reviews	35 days	Mon 6/29/15	Fri 8/14/15	90%
MEP: System selections and verification	21 days	Sat 8/1/15	Fri 8/28/15	90%
Arch: Initial walk-through and review	10 days	Mon 6/22/15	Fri 7/3/15	100%
Arch: Site visits and verifications	35 days	Mon 6/29/15	Fri 8/14/15	100%
Arch: Detail area surveys as needed (work areas)	30 days	Mon 7/20/15	Fri 8/28/15	100%
Arch: Base plans with work areas (cartoon)	20 days	Mon 7/6/15	Fri 7/31/15	100%
Arch: Demolition/renov work delineation	50 days	Mon 6/22/15	Fri 8/28/15	100%
Arch: Set-up sheets	50 days	Mon 6/22/15	Fri 8/28/15	100%
Arch: Field data, tag notes and details	50 days	Mon 6/22/15	Fri 8/28/15	100%
Arch: Coordinated base plans w/MEP	50 days	Mon 6/22/15	Fri 8/28/15	90%
Arch: Prelim outline spec all disciplines	50 days	Mon 6/22/15	Fri 8/28/15	100%
Develop 100% complete DD drawings	40 days	Mon 7/6/15	Fri 8/28/15	100%
Owner review- DD completion	11 days	Mon 8/17/15	Mon 8/31/15	100%
Review 100% completion DD	11 days	Mon 8/17/15	Mon 8/31/15	99%



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Clock/PA final drawing for permits	13 days	Wed 7/1/15	Fri 7/17/15	100%
Security/video final drawings for permits	20 days	Tue 9/1/15	Mon 9/28/15	90%
Construction Drawings- 20% completion	15 days	Mon 9/7/15	Fri 9/25/15	75%
Construction drawings- 50% completion	10 days	Mon 10/19/15	Fri 10/30/15	50%
CM- Completion review 50%	10 days	Mon 11/2/15	Fri 11/13/15	0%
Asbestos- Initial coordination/drawings	10 days	Mon 11/2/15	Fri 11/13/15	0%
Construction drawings- 75% completion	10 days	Mon 11/16/15	Fri 11/27/15	0%
CM- Completion review 75%	10 days	Mon 11/2/15	Fri 11/13/15	0%
Construction drawings- 100% completion	13 days	Mon 12/14/15	Wed 12/30/15	0%
CM- Completion review- 100%	13 days	Mon 12/14/15	Wed 12/30/15	0%
Specs- Develop general req initial draft	20 days	Tue 9/1/15	Mon 9/28/15	0%
Specs/PM- Front end draft review- attorney	17 days	Thu 10/1/15	Fri 10/23/15	0%
Specs/CM- Front end draft review- CM	17 days	Thu 10/1/15	Fri 10/23/15	0%
Specs- Phasing/milestones/work req./staging- CM	10 days	Mon 11/16/15	Fri 11/27/15	0%
Specs- Coordinate bid packages/contracts	13 days	Mon 12/14/15	Wed 12/30/15	0%
Specs- Technical sections- Arch	45 days	Mon 10/19/15	Fri 12/18/15	0%
Specs- Technical sections- MEP	45 days	Mon 10/19/15	Fri 12/18/15	0%
Specs- Final Review- Arch/CM/Owner	8 days	Mon 12/21/15	Wed 12/30/15	0%
Asbestos coordination meeting	17 days	Thu 10/1/15	Fri 10/23/15	0%
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Construction drawings- Plan review/bidding	10 days	Mon 1/4/16	Fri 1/15/16	0%
Final bid package- Check	10 days	Mon 1/4/16	Fri 1/15/16	0%
Preparation of advertisements	3 days	Mon 1/4/16	Wed 1/6/16	0%
Advertise for bids	3 days	Thu 1/7/16	Mon 1/11/16	0%
Pre-construction meeting	10 days	Mon 1/18/16	Fri 1/29/16	0%
Open bids	3 days	Tue 2/16/16	Thu 2/18/16	0%
Review bids/Suggest Award	3 days	Thu 2/18/16	Mon 2/22/16	0%
Award bids- BOE	4 days	Tue 2/23/16	Fri 2/26/16	0%
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Notice to proceed	10 days	Mon 3/7/16	Fri 3/18/16	0%
Procurement period	20 days	Mon 3/21/16	Fri 4/15/16	0%
Construction activity- Phase 1A- second shift	45 days	Mon 4/18/16	Fri 6/17/16	0%
Construction activity- Phase 1B- Summer 2016	50 days	Mon 6/20/16	Fri 8/26/16	0%
Construction more detail to follow	50 days	Mon 6/20/16	Fri 8/26/16	0%
Construction activity- Phase 1C- Fall 2016	65 days	Mon 8/29/16	Fri 11/25/16	0%
Substantial completion- Phase 1	5 days	Mon 11/21/16	Fri 11/25/16	0%
Construction activity- Phase 2 Summer of 2017	50 days	Mon 6/19/17	Fri 8/25/17	0%
Substantial completion- Phase 2	5 days	Mon 8/21/17	Fri 8/25/17	0%
Final project completion	5 days	Mon 9/25/17	Fri 9/29/17	0%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Rehabilitation Projects at Bowe ES FVHD 4522C

Date: October 14, 2015

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NJDOE project initiation/initial applications- multiple	593 days	Fri 11/30/12	Tue 3/10/15	100%
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Project Time Line- All Phases (with progress)

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Roofing Project at Glassboro IS FVHD 4522G

Date: October 14, 2015

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NJDOE preparation of resolutions	593 days	Fri 11/30/12	Tue 3/10/15	100%
NJDOE educational submission/ed specs	593 days	Fri 11/30/12	Tue 3/10/15	100%
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Schematic design review/presentation meetings- multiple	1 day	Fri 11/30/12	Fri 11/30/12	100%
Gather existing drawings for scanning and filing	1 day	Fri 11/30/12	Fri 11/30/12	100%
Project kick-off meeting	1 day	Mon 3/23/15	Mon 3/23/15	100%
Roofing- initial site surveys/visits	41 days	Fri 5/1/15	Fri 6/26/15	100%
Roofing- Warranty investigation/mfr contact	41 days	Fri 5/1/15	Fri 6/26/15	100%



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Roofing- cuts, cores and verifications	45 days	Mon 6/29/15	Fri 8/28/15	100%
Roofing- Roofing system mfr visits/verification	25 days	Mon 6/22/15	Fri 7/24/15	100%
Roofing- work areas and scope delineation	40 days	Mon 6/22/15	Fri 8/14/15	100%
Roofing- base plans	40 days	Mon 6/22/15	Fri 8/14/15	100%
Roofing- 50% completion/scope of work drawings	55 days	Mon 6/15/15	Fri 8/28/15	100%
Set-up sheets	50 days	Mon 6/22/15	Fri 8/28/15	100%
Arch: Coordinated base plans w/MEP	50 days	Mon 6/22/15	Fri 8/28/15	100%
Arch: Prelim outline spec	50 days	Mon 6/22/15	Fri 8/28/15	100%
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CM- Completion review 75%	10 days	Mon 11/2/15	Fri 11/13/15	0%
Construction drawings- 100% completion	13 days	Mon 12/14/15	Wed 12/30/15	50%
CM- Completion review- 100%	13 days	Mon 12/14/15	Wed 12/30/15	0%
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Task Name	Duration	Start	Finish	% Compl
Bidding/Negotiation Phase	44 days	Mon 1/4/16	Thu 3/3/16	0%
Construction drawings- Plan review/bidding	10 days	Mon 1/4/16	Fri 1/15/16	0%
Final bid package- Check	10 days	Mon 1/4/16	Fri 1/15/16	0%
Preparation of advertisements	3 days	Mon 1/4/16	Wed 1/6/16	0%
Advertise for bids	3 days	Thu 1/7/16	Mon 1/11/16	0%
Pre-construction meeting	10 days	Mon 1/18/16	Fri 1/29/16	0%
Open bids	3 days	Tue 2/16/16	Thu 2/18/16	0%
Review bids/Suggest Award	3 days	Thu 2/18/16	Mon 2/22/16	0%
Award bids- BOE	4 days	Tue 2/23/16	Fri 2/26/16	0%
Notice of award	4 days	Mon 2/29/16	Thu 3/3/16	0%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Roofing Project at Glassboro IS FVHD 4522G

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
Construction Phase	410 days	Mon 3/7/16	Fri 9/29/17	0%
Notice to proceed	10 days	Mon 3/7/16	Fri 3/18/16	0%
Procurement period	20 days	Mon 3/21/16	Fri 4/15/16	0%
Construction activity-Summer 2016	50 days	Mon 6/20/16	Fri 8/26/16	0%
Substantial completion	5 days	8/21/2016	Fri 8/26/16	0%
Final project completion	5 days		Fri 9/30/16	0%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Rehabilitation Projects at Glassboro IS FVHD 4522D

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
Schematic Design (15% of fee)	671 days	Fri 11/30/12	Fri 6/26/15	100%
NJDOE project initiation/initial applications- multiple	593 days	Fri 11/30/12	Tue 3/10/15	100%
NJDOE preparation of resolutions	593 days	Fri 11/30/12	Tue 3/10/15	100%
NJDOE educational submission/ed specs	593 days	Fri 11/30/12	Tue 3/10/15	100%
Base plans- block out	1 day	Fri 11/30/12	Fri 11/30/12	100%
NJDOE schematic level drawings- scope- multiple	593 days	Fri 11/30/12	Tue 3/10/15	100%
NJDOE detail applications- multiple	593 days	Fri 11/30/12	Tue 3/10/15	100%
Building visits and initial scope development- multiple including MEP, roofing	593 days	Fri 11/30/12	Tue 3/10/15	100%
Scope investigation- roofing mfr. including warranty data	593 days	Fri 11/30/12	Tue 3/10/15	100%
Scope itemization and cost estimating	1 day	Fri 11/30/12	Fri 11/30/12	100%
Develop referendum options and questions- multiple	1 day	Fri 11/30/12	Fri 11/30/12	100%
Completion of NJDOE project cost estimates- multiple	1 day	Fri 11/30/12	Fri 11/30/12	100%
Schematic design review/presentation meetings- multiple	1 day	Fri 11/30/12	Fri 11/30/12	100%
Gather existing drawings for scanning and filing	1 day	Fri 11/30/12	Fri 11/30/12	100%
Project kick-off meeting	1 day	Mon 3/23/15	Mon 3/23/15	100%
Clock/PA initial meeting G Weeks	1 day	Thu 4/16/15	Thu 4/16/15	100%
Clock/PA initial meeting G Weeks/vendor	1 day	Tue 4/21/15	Tue 4/21/15	100%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Rehabilitation Projects at Glassboro IS FVHD 4522D

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
<u>Design Development Phase (20% of fee)</u>	65 days	Tue 6/2/15	Mon 8/31/15	98%
Clock/PA detail review meeting G Weeks/Vendor	12 days	Mon 6/15/15	Tue 6/30/15	100%
Clock/PA scope review drawing	1 day	Tue 6/2/15	Tue 6/2/15	100%
Security/video initial meeting G Weeks	23 days	Wed 7/1/15	Fri 7/31/15	100%
Security/video initial meeting G Weeks/vendor	33 days	Wed 7/1/15	Fri 8/14/15	100%
Security/video detail review meeting G Weeks/Vendor	20 days	Mon 8/3/15	Fri 8/28/15	90%
Security/video scope review drawing	20 days	Mon 8/3/15	Fri 8/28/15	90%
MEP: Project initial walk-through and review	10 days	Mon 6/22/15	Fri 7/3/15	100%
MEP: Site visits and verifications	35 days	Mon 6/29/15	Fri 8/14/15	100%
MEP: Detail system reviews	35 days	Mon 6/29/15	Fri 8/14/15	90%
MEP: System selections and verification	21 days	Sat 8/1/15	Fri 8/28/15	98%
Arch: Initial walk-through and review	10 days	Mon 6/22/15	Fri 7/3/15	100%
Arch: Site visits and verifications	35 days	Mon 6/29/15	Fri 8/14/15	100%
Arch: Detail area surveys as needed (work areas)	30 days	Mon 7/20/15	Fri 8/28/15	100%
Arch: Base plans with work areas (cartoon)	20 days	Mon 7/6/15	Fri 7/31/15	100%
Arch: Demolition/renov work delineation	50 days	Mon 6/22/15	Fri 8/28/15	100%
Arch: Set-up sheets	50 days	Mon 6/22/15	Fri 8/28/15	100%
Arch: Field data, tag notes and details	50 days	Mon 6/22/15	Fri 8/28/15	100%
Arch: Coordinated base plans w/MEP	50 days	Mon 6/22/15	Fri 8/28/15	100%
Arch: Prelim outline spec all disciplines	50 days	Mon 6/22/15	Fri 8/28/15	100%
Develop 100% complete DD drawings	40 days	Mon 7/6/15	Fri 8/28/15	100%
Owner review- DD completion	11 days	Mon 8/17/15	Mon 8/31/15	100%
Review 100% completion DD	11 days	Mon 8/17/15	Mon 8/31/15	99%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Rehabilitation Projects at Glassboro IS FVHD 4522D

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
Construction Document Phase (40% of fee)	87 days	Tue 9/1/15	Wed 12/30/15	40%
Construction drawings start (DD completion MP)	9 days	Tue 9/1/15	Fri 9/11/15	100%
Clock/PA final drawing for permits	13 days	Wed 7/1/15	Fri 7/17/15	100%
Security/video final drawings for permits	20 days	Tue 9/1/15	Mon 9/28/15	90%
Construction Drawings- 20% completion	15 days	Mon 9/7/15	Fri 9/25/15	100%
Construction drawings- 50% completion	10 days	Mon 10/19/15	Fri 10/30/15	100%
CM- Completion review 50%	10 days	Mon 11/2/15	Fri 11/13/15	0%
Asbestos- Initial coordination/drawings	10 days	Mon 11/2/15	Fri 11/13/15	0%
Construction drawings- 75% completion	10 days	Mon 11/16/15	Fri 11/27/15	80%
CM- Completion review 75%	10 days	Mon 11/2/15	Fri 11/13/15	0%
Construction drawings- 100% completion	13 days	Mon 12/14/15	Wed 12/30/15	10%
CM- Completion review- 100%	13 days	Mon 12/14/15	Wed 12/30/15	0%
Specs- Develop general req initial draft	20 days	Tue 9/1/15	Mon 9/28/15	20%
Specs/PM-Front end draft review- attorney	17 days	Thu 10/1/15	Fri 10/23/15	0%
Specs/CM- Front end draft review- CM	17 days	Thu 10/1/15	Fri 10/23/15	0%
Specs- Phasing/milestones/work req./staging- CM	10 days	Mon 11/16/15	Fri 11/27/15	0%
Specs- Coordinate bid packages/contracts	13 days	Mon 12/14/15	Wed 12/30/15	0%
Specs- Technical sections- Arch	45 days	Mon 10/19/15	Fri 12/18/15	25%
Specs- Technical sections- MEP	45 days	Mon 10/19/15	Fri 12/18/15	25%
Specs- Final Review- Arch/CM/Owner	8 days	Mon 12/21/15	Wed 12/30/15	0%
Asbestos coordination meeting	17 days	Thu 10/1/15	Fri 10/23/15	0%
Asbestos- Phasing/Work Plan/Specs (Owner Cons)	13 days	Mon 12/14/15	Wed 12/30/15	0%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Rehabilitation Projects at Glassboro IS FVHD 4522D

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
Bidding/Negotiation Phase	44 days	Mon 1/4/16	Thu 3/3/16	0%
Construction drawings- Plan review/bidding	10 days	Mon 1/4/16	Fri 1/15/16	0%
Final bid package- Check	10 days	Mon 1/4/16	Fri 1/15/16	0%
Preparation of advertisements	3 days	Mon 1/4/16	Wed 1/6/16	0%
Advertise for bids	3 days	Thu 1/7/16	Mon 1/11/16	0%
Pre-construction meeting	10 days	Mon 1/18/16	Fri 1/29/16	0%
Open bids	3 days	Tue 2/16/16	Thu 2/18/16	0%
Review bids/Suggest Award	3 days	Thu 2/18/16	Mon 2/22/16	0%
Award bids- BOE	4 days	Tue 2/23/16	Fri 2/26/16	0%
Notice of award	4 days	Mon 2/29/16	Thu 3/3/16	0%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Rehabilitation Projects at Glassboro IS FVHD 4522D

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
Construction Phase	410 days	Mon 3/7/16	Fri 9/29/17	0%
Notice to proceed	10 days	Mon 3/7/16	Fri 3/18/16	0%
Procurement period	20 days	Mon 3/21/16	Fri 4/15/16	0%
Construction activity- Phase 1A- second shift	45 days	Mon 4/18/16	Fri 6/17/16	0%
Construction activity- Phase 1B- Summer 2016	50 days	Mon 6/20/16	Fri 8/26/16	0%
Construction more detail to follow	50 days	Mon 6/20/16	Fri 8/26/16	0%
Construction activity- Phase 1C- Fall 2016	65 days	Mon 8/29/16	Fri 11/25/16	0%
Substantial completion- Phase 1	5 days	Mon 11/21/16	Fri 11/25/16	0%
Construction activity- Phase 2 Summer of 2017	50 days	Mon 6/19/17	Fri 8/25/17	0%
Substantial completion- Phase 2	5 days	Mon 8/21/17	Fri 8/25/17	0%
Final project completion	5 days	Mon 9/25/17	Fri 9/29/17	0%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Roofing Project at Thomas Bowe ES FVHD 4522H

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
<u>Schematic Design (15% of fee)</u>	671 days	Fri 11/30/12	Fri 6/26/15	100%
NJDOE project initiation/initial applications- multiple	593 days	Fri 11/30/12	Tue 3/10/15	100%
NJDOE preparation of resolutions	593 days	Fri 11/30/12	Tue 3/10/15	100%
NJDOE educational submission/ed specs	593 days	Fri 11/30/12	Tue 3/10/15	100%
Base plans- block out	1 day	Fri 11/30/12	Fri 11/30/12	100%
NJDOE schematic level drawings- scope- multiple	593 days	Fri 11/30/12	Tue 3/10/15	100%
NJDOE detail applications- multiple	593 days	Fri 11/30/12	Tue 3/10/15	100%
Building visits and initial scope development- multiple including MEP, roofing	593 days	Fri 11/30/12	Tue 3/10/15	100%
Scope investigation- roofing mfr including warranty data	593 days	Fri 11/30/12	Tue 3/10/15	100%
Scope itemization and cost estimating	1 day	Fri 11/30/12	Fri 11/30/12	100%
Develop referendum options and questions- multiple	1 day	Fri 11/30/12	Fri 11/30/12	100%
Completion of NJDOE project cost estimates- multiple	1 day	Fri 11/30/12	Fri 11/30/12	100%
Schematic design review/presentation meetings- multiple	1 day	Fri 11/30/12	Fri 11/30/12	100%
Gather existing drawings for scanning and filing	1 day	Fri 11/30/12	Fri 11/30/12	100%
Project kick-off meeting	1 day	Mon 3/23/15	Mon 3/23/15	100%
Roofing- initial site surveys/visits	41 days	Fri 5/1/15	Fri 6/26/15	100%
Roofing- Warranty investigation/mfr contact	41 days	Fri 5/1/15	Fri 6/26/15	100%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Roofing Project at Thomas Bowe ES FVHD 4522H

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
<u>Design Development Phase (20% of fee)</u>	65 days	Tue 6/2/15	Mon 8/31/15	100%
Roofing- cuts, cores and verifications	45 days	Mon 6/29/15	Fri 8/28/15	100%
Roofing- develop emergent scope/proposals	25 days	Mon 6/22/15	Fri 7/24/15	100%
Roofing- Roofing system mfr visits/verification	25 days	Mon 6/22/15	Fri 7/24/15	100%
Roofing- work areas and scope delineation	40 days	Mon 6/22/15	Fri 8/14/15	100%
Roofing- base plans	40 days	Mon 6/22/15	Fri 8/14/15	100%
Roofing- 50% completion/scope of work drawings	55 days	Mon 6/15/15	Fri 8/28/15	100%
Set-up sheets	50 days	Mon 6/22/15	Fri 8/28/15	100%
Arch: Coordinated base plans w/MEP	50 days	Mon 6/22/15	Fri 8/28/15	100%
Arch: Prelim outline spec	50 days	Mon 6/22/15	Fri 8/28/15	100%
Develop 100% complete DD drawings	40 days	Mon 7/6/15	Fri 8/28/15	100%
Owner review- DD completion	11 days	Mon 8/17/15	Mon 8/31/15	100%
Review 100% completion DD	11 days	Mon 8/17/15	Mon 8/31/15	100%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Roofing Project at Thomas Bowe ES FVHD 4522H

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
Construction Document Phase (40% of fee)	87 days	Tue 9/1/15	Wed 12/30/15	60%
Construction drawings start (DD completion MP)	9 days	Tue 9/1/15	Fri 9/11/15	100%
Construction Drawings- 20% completion	15 days	Mon 9/7/15	Fri 9/25/15	100%
Construction drawings- 50% completion	10 days	Mon 10/19/15	Fri 10/30/15	100%
CM- Completion review 50%	10 days	Mon 11/2/15	Fri 11/13/15	0%
Asbestos- Initial coordination/drawings	10 days	Mon 11/2/15	Fri 11/13/15	0%
Construction drawings- 75% completion	10 days	Mon 11/16/15	Fri 11/27/15	75%
CM- Completion review 75%	10 days	Mon 11/2/15	Fri 11/13/15	0%
Construction drawings- 100% completion	13 days	Mon 12/14/15	Wed 12/30/15	50%
CM- Completion review- 100%	13 days	Mon 12/14/15	Wed 12/30/15	0%
Specs- Develop general req initial draft	20 days	Tue 9/1/15	Mon 9/28/15	20%
Specs/PM-Front end draft review- attorney	17 days	Thu 10/1/15	Fri 10/23/15	0%
Specs/CM- Front end draft review- CM	17 days	Thu 10/1/15	Fri 10/23/15	0%
Specs- Phasing/milestones/work req./staging- CM	10 days	Mon 11/16/15	Fri 11/27/15	0%
Specs- Coordinate bid packages/contracts	13 days	Mon 12/14/15	Wed 12/30/15	0%
Specs- Technical sections- Arch	45 days	Mon 10/19/15	Fri 12/18/15	20%
Specs- Final Review- Arch/CM/Owner	8 days	Mon 12/21/15	Wed 12/30/15	0%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Roofing Project at Thomas Bowe ES FVHD 4522H

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
Bidding/Negotiation Phase	44 days	Mon 1/4/16	Thu 3/3/16	0%
Construction drawings- Plan review/bidding	10 days	Mon 1/4/16	Fri 1/15/16	0%
Final bid package- Check	10 days	Mon 1/4/16	Fri 1/15/16	0%
Preparation of advertisements	3 days	Mon 1/4/16	Wed 1/6/16	0%
Advertise for bids	3 days	Thu 1/7/16	Mon 1/11/16	0%
Pre-construction meeting	10 days	Mon 1/18/16	Fri 1/29/16	0%
Open bids	3 days	Tue 2/16/16	Thu 2/18/16	0%
Review bids/Suggest Award	3 days	Thu 2/18/16	Mon 2/22/16	0%
Award bids- BOE	4 days	Tue 2/23/16	Fri 2/26/16	0%
Notice of award	4 days	Mon 2/29/16	Thu 3/3/16	0%

Project Time Line- All Phases (with progress)

Glassboro Board of Education

Roofing Project at Thomas Bowe ES FVHD 4522H

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
Construction Phase	410 days	Mon 3/7/16	Fri 9/29/17	0%
Notice to proceed	10 days	Mon 3/7/16	Fri 3/18/16	0%
Procurement period	20 days	Mon 3/21/16	Fri 4/15/16	0%
Construction activity-Summer 2016	50 days	Mon 6/20/16	Fri 8/26/16	0%
Substantial completion	5 days	8/21/2016	Fri 8/26/16	0%
Final project completion	5 days		Fri 9/30/16	0%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Rehabilitation Projects at JH Rodgers ES FVHD 4522A

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
Schematic Design (15% of fee)	671 days	Fri 11/30/12	Fri 6/26/15	100%
NJDOE project initiation/initial applications- multiple	593 days	Fri 11/30/12	Tue 3/10/15	100%
NJDOE preparation of resolutions	593 days	Fri 11/30/12	Tue 3/10/15	100%
NJDOE educational submission/ed specs	593 days	Fri 11/30/12	Tue 3/10/15	100%
Base plans- block out	1 day	Fri 11/30/12	Fri 11/30/12	100%
NJDOE schematic level drawings- scope- multiple	593 days	Fri 11/30/12	Tue 3/10/15	100%
NJDOE detail applications- multiple	593 days	Fri 11/30/12	Tue 3/10/15	100%
Building visits and initial scope development- multiple including MEP, roofing	593 days	Fri 11/30/12	Tue 3/10/15	100%
Scope investigation- roofing mfr including warranty data	593 days	Fri 11/30/12	Tue 3/10/15	100%
Scope itemization and cost estimating	1 day	Fri 11/30/12	Fri 11/30/12	100%
Develop referendum options and questions- multiple	1 day	Fri 11/30/12	Fri 11/30/12	100%
Completion of NJDOE project cost estimates- multiple	1 day	Fri 11/30/12	Fri 11/30/12	100%
Schematic design review/presentation meetings- multiple	1 day	Fri 11/30/12	Fri 11/30/12	100%
Gather existing drawings for scanning and filing	1 day	Fri 11/30/12	Fri 11/30/12	100%
Project kick-off meeting	1 day	Mon 3/23/15	Mon 3/23/15	100%
Clock/PA initial meeting G Weeks	1 day	Thu 4/16/15	Thu 4/16/15	100%
Clock/PA initial meeting G Weeks/vendor	1 day	Tue 4/21/15	Tue 4/21/15	100%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Rehabilitation Projects at JH Rodgers ES FVHD 4522A

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
<u>Design Development Phase (20% of fee)</u>	65 days	Tue 6/2/15	Mon 8/31/15	98%
Clock/PA detail review meeting G Weeks/Vendor	12 days	Mon 6/15/15	Tue 6/30/15	100%
Clock/PA scope review drawing	1 day	Tue 6/2/15	Tue 6/2/15	100%
Security/video initial meeting G Weeks	23 days	Wed 7/1/15	Fri 7/31/15	100%
Security/video initial meeting G Weeks/vendor	33 days	Wed 7/1/15	Fri 8/14/15	100%
Security/video detail review meeting G Weeks/Vendor	20 days	Mon 8/3/15	Fri 8/28/15	90%
Security/video scope review drawing	20 days	Mon 8/3/15	Fri 8/28/15	90%
MEP: Project initial walk-through and review	10 days	Mon 6/22/15	Fri 7/3/15	100%
MEP: Site visits and verifications	35 days	Mon 6/29/15	Fri 8/14/15	100%
MEP: Detail system reviews	35 days	Mon 6/29/15	Fri 8/14/15	90%
MEP: System selections and verification	21 days	Sat 8/1/15	Fri 8/28/15	98%
Arch: Initial walk-through and review	10 days	Mon 6/22/15	Fri 7/3/15	100%
Arch: Site visits and verifications	35 days	Mon 6/29/15	Fri 8/14/15	100%
Arch: Detail area surveys as needed (work areas)	30 days	Mon 7/20/15	Fri 8/28/15	100%
Arch: Base plans with work areas (cartoon)	20 days	Mon 7/6/15	Fri 7/31/15	100%
Arch: Demolition/renov work delineation	50 days	Mon 6/22/15	Fri 8/28/15	100%
Arch: Set-up sheets	50 days	Mon 6/22/15	Fri 8/28/15	100%
Arch: Field data, tag notes and details	50 days	Mon 6/22/15	Fri 8/28/15	100%
Arch: Coordinated base plans w/MEP	50 days	Mon 6/22/15	Fri 8/28/15	100%
Arch: Prelim outline spec all disciplines	50 days	Mon 6/22/15	Fri 8/28/15	100%
Develop 100% complete DD drawings	40 days	Mon 7/6/15	Fri 8/28/15	100%
Owner review- DD completion	11 days	Mon 8/17/15	Mon 8/31/15	100%
Review 100% completion DD	11 days	Mon 8/17/15	Mon 8/31/15	99%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Rehabilitation Projects at JH Rodgers ES FVHD 4522A

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
Construction Document Phase (40% of fee)	87 days	Tue 9/1/15	Wed 12/30/15	40%
Construction drawings start (DD completion MP)	9 days	Tue 9/1/15	Fri 9/11/15	100%
Clock/PA final drawing for permits	13 days	Wed 7/1/15	Fri 7/17/15	100%
Security/video final drawings for permits	20 days	Tue 9/1/15	Mon 9/28/15	90%
Construction Drawings- 20% completion	15 days	Mon 9/7/15	Fri 9/25/15	100%
Construction drawings- 50% completion	10 days	Mon 10/19/15	Fri 10/30/15	100%
CM- Completion review 50%	10 days	Mon 11/2/15	Fri 11/13/15	0%
Asbestos- Initial coordination/drawings	10 days	Mon 11/2/15	Fri 11/13/15	0%
Construction drawings- 75% completion	10 days	Mon 11/16/15	Fri 11/27/15	60%
CM- Completion review 75%	10 days	Mon 11/2/15	Fri 11/13/15	0%
Construction drawings- 100% completion	13 days	Mon 12/14/15	Wed 12/30/15	0%
CM- Completion review- 100%	13 days	Mon 12/14/15	Wed 12/30/15	0%
Specs- Develop general req initial draft	20 days	Tue 9/1/15	Mon 9/28/15	20%
Specs/PM-Front end draft review- attorney	17 days	Thu 10/1/15	Fri 10/23/15	0%
Specs/CM- Front end draft review- CM	17 days	Thu 10/1/15	Fri 10/23/15	0%
Specs- Phasing/milestones/work req./staging- CM	10 days	Mon 11/16/15	Fri 11/27/15	0%
Specs- Coordinate bid packages/contracts	13 days	Mon 12/14/15	Wed 12/30/15	0%
Specs- Technical sections- Arch	45 days	Mon 10/19/15	Fri 12/18/15	25%
Specs- Technical sections- MEP	45 days	Mon 10/19/15	Fri 12/18/15	25%
Specs- Final Review- Arch/CM/Owner	8 days	Mon 12/21/15	Wed 12/30/15	0%
Asbestos coordination meeting	17 days	Thu 10/1/15	Fri 10/23/15	0%
Asbestos- Phasing/Work Plan/Specs (Owner Cons)	13 days	Mon 12/14/15	Wed 12/30/15	0%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Rehabilitation Projects at JH Rodgers ES FVHD 4522A

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
Bidding/Negotiation Phase	44 days	Mon 1/4/16	Thu 3/3/16	0%
Construction drawings- Plan review/bidding	10 days	Mon 1/4/16	Fri 1/15/16	0%
Final bid package- Check	10 days	Mon 1/4/16	Fri 1/15/16	0%
Preparation of advertisements	3 days	Mon 1/4/16	Wed 1/6/16	0%
Advertise for bids	3 days	Thu 1/7/16	Mon 1/11/16	0%
Pre-construction meeting	10 days	Mon 1/18/16	Fri 1/29/16	0%
Open bids	3 days	Tue 2/16/16	Thu 2/18/16	0%
Review bids/Suggest Award	3 days	Thu 2/18/16	Mon 2/22/16	0%
Award bids- BOE	4 days	Tue 2/23/16	Fri 2/26/16	0%
Notice of award	4 days	Mon 2/29/16	Thu 3/3/16	0%

Project Time Line- All Phases (with progress)

Glassboro Board of Education

Rehabilitation Projects at JH Rodgers ES FVHD 4522A

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
Construction Phase	410 days	Mon 3/7/16	Fri 9/29/17	0%
Notice to proceed	10 days	Mon 3/7/16	Fri 3/18/16	0%
Procurement period	20 days	Mon 3/21/16	Fri 4/15/16	0%
Construction activity- Phase 1A- second shift	45 days	Mon 4/18/16	Fri 6/17/16	0%
Construction activity- Phase 1B- Summer 2016	50 days	Mon 6/20/16	Fri 8/26/16	0%
Construction more detail to follow	50 days	Mon 6/20/16	Fri 8/26/16	0%
Construction activity- Phase 1C- Fall 2016	65 days	Mon 8/29/16	Fri 11/25/16	0%
Substantial completion- Phase 1	5 days	Mon 11/21/16	Fri 11/25/16	0%
Construction activity- Phase 2 Summer of 2017	50 days	Mon 6/19/17	Fri 8/25/17	0%
Substantial completion- Phase 2	5 days	Mon 8/21/17	Fri 8/25/17	0%
Final project completion	5 days	Mon 9/25/17	Fri 9/29/17	0%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Roofing Project at Glassboro HS FVHD 4522E

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
<u>Schematic Design (15% of fee)</u>	671 days	Fri 11/30/12	Fri 6/26/15	100%
NJDOE project initiation/initial applications- multiple	593 days	Fri 11/30/12	Tue 3/10/15	100%
NJDOE preparation of resolutions	593 days	Fri 11/30/12	Tue 3/10/15	100%
NJDOE educational submission/ed specs	593 days	Fri 11/30/12	Tue 3/10/15	100%
Base plans- block out	1 day	Fri 11/30/12	Fri 11/30/12	100%
NJDOE schematic level drawings- scope- multiple	593 days	Fri 11/30/12	Tue 3/10/15	100%
NJDOE detail applications- multiple	593 days	Fri 11/30/12	Tue 3/10/15	100%
Building visits and initial scope development- multiple including MEP, roofing	593 days	Fri 11/30/12	Tue 3/10/15	100%
Scope investigation- roofing mfr including warranty data	593 days	Fri 11/30/12	Tue 3/10/15	100%
Scope itemization and cost estimating	1 day	Fri 11/30/12	Fri 11/30/12	100%
Develop referendum options and questions- multiple	1 day	Fri 11/30/12	Fri 11/30/12	100%
Completion of NJDOE project cost estimates- multiple	1 day	Fri 11/30/12	Fri 11/30/12	100%
Schematic design review/presentation meetings- multiple	1 day	Fri 11/30/12	Fri 11/30/12	100%
Gather existing drawings for scanning and filing	1 day	Fri 11/30/12	Fri 11/30/12	100%
Project kick-off meeting	1 day	Fri 11/30/12	Fri 11/30/12	100%
Roofing- initial site surveys/visits	41 days	Mon 3/23/15	Mon 3/23/15	100%
Roofing- Warranty investigation/mfr contact	41 days	Fri 5/1/15	Fri 6/26/15	100%
	41 days	Fri 5/1/15	Fri 6/26/15	100%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Roofing Project at Glassboro HS FVHD 4522E

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
<u>Design Development Phase (20% of fee)</u>	65 days	Tue 6/2/15	Mon 8/31/15	100%
Roofing- cuts, cores and verifications	45 days	Mon 6/29/15	Fri 8/28/15	100%
Roofing- develop emergent scope/proposals	25 days	Mon 6/22/15	Fri 7/24/15	100%
Roofing- Roofing system mfr visits/verification	25 days	Mon 6/22/15	Fri 7/24/15	100%
Roofing- work areas and scope delineation	40 days	Mon 6/22/15	Fri 8/14/15	100%
Roofing- base plans	40 days	Mon 6/22/15	Fri 8/14/15	100%
Roofing- 50% completion/scope of work drawings	55 days	Mon 6/15/15	Fri 8/28/15	100%
Set-up sheets	50 days	Mon 6/22/15	Fri 8/28/15	100%
Arch: Coordinated base plans w/MEP	50 days	Mon 6/22/15	Fri 8/28/15	100%
Arch: Prelim outline spec	50 days	Mon 6/22/15	Fri 8/28/15	100%
Develop 100% complete DD drawings	40 days	Mon 7/6/15	Fri 8/28/15	100%
Owner review- DD completion	11 days	Mon 8/17/15	Mon 8/31/15	100%
Review 100% completion DD	11 days	Mon 8/17/15	Mon 8/31/15	100%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Roofing Project at Glassboro HS FVHD 4522E

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
Construction Document Phase (40% of fee)	87 days	Tue 9/1/15	Wed 12/30/15	70%
Construction drawings start (DD completion MP)	9 days	Tue 9/1/15	Fri 9/11/15	100%
Construction Drawings- 20% completion	15 days	Mon 9/7/15	Fri 9/25/15	100%
Construction drawings- 50% completion	10 days	Mon 10/19/15	Fri 10/30/15	100%
CM- Completion review 50%	10 days	Mon 11/2/15	Fri 11/13/15	0%
Asbestos- Initial coordination/drawings	10 days	Mon 11/2/15	Fri 11/13/15	0%
Construction drawings- 75% completion	10 days	Mon 11/16/15	Fri 11/27/15	90%
CM- Completion review 75%	10 days	Mon 11/2/15	Fri 11/13/15	0%
Construction drawings- 100% completion	13 days	Mon 12/14/15	Wed 12/30/15	70%
CM- Completion review- 100%	13 days	Mon 12/14/15	Wed 12/30/15	0%
Specs- Develop general req initial draft	20 days	Tue 9/1/15	Mon 9/28/15	20%
Specs/PM-Front end draft review- attorney	17 days	Thu 10/1/15	Fri 10/23/15	0%
Specs/CM- Front end draft review- CM	17 days	Thu 10/1/15	Fri 10/23/15	0%
Specs- Phasing/milestones/work req./staging- CM	10 days	Mon 11/16/15	Fri 11/27/15	0%
Specs- Coordinate bid packages/contracts	13 days	Mon 12/14/15	Wed 12/30/15	0%
Specs- Technical sections- Arch	45 days	Mon 10/19/15	Fri 12/18/15	20%
Specs- Final Review- Arch/CM/Owner	8 days	Mon 12/21/15	Wed 12/30/15	0%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Roofing Project at Glassboro HS FVHD 4522E

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
Bidding/Negotiation Phase	44 days	Mon 1/4/16	Thu 3/3/16	0%
Construction drawings- Plan review/bidding	10 days	Mon 1/4/16	Fri 1/15/16	0%
Final bid package- Check	10 days	Mon 1/4/16	Fri 1/15/16	0%
Preparation of advertisements	3 days	Mon 1/4/16	Wed 1/6/16	0%
Advertise for bids	3 days	Thu 1/7/16	Mon 1/11/16	0%
Pre-construction meeting	10 days	Mon 1/18/16	Fri 1/29/16	0%
Open bids	3 days	Tue 2/16/16	Thu 2/18/16	0%
Review bids/Suggest Award	3 days	Thu 2/18/16	Mon 2/22/16	0%
Award bids- BOE	4 days	Tue 2/23/16	Fri 2/26/16	0%
Notice of award	4 days	Mon 2/29/16	Thu 3/3/16	0%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Roofing Project at Glassboro HS FVHD 4522E

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
Construction Phase	410 days	Mon 3/7/16	Fri 9/29/17	0%
Notice to proceed	10 days	Mon 3/7/16	Fri 3/18/16	0%
Procurement period	20 days	Mon 3/21/16	Fri 4/15/16	0%
Construction activity-Summer 2016	50 days	Mon 6/20/16	Fri 8/26/16	0%
Substantial completion	5 days	8/21/2016	Fri 8/26/16	0%
Final project completion	5 days		Fri 9/30/16	0%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Roofing Project at Bullock ES FVHD 4522I

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
<u>Schematic Design (15% of fee)</u>	671 days	Fri 11/30/12	Fri 6/26/15	100%
NJDOE project initiation/initial applications- multiple	593 days	Fri 11/30/12	Tue 3/10/15	100%
NJDOE preparation of resolutions	593 days	Fri 11/30/12	Tue 3/10/15	100%
NJDOE educational submission/ed specs	593 days	Fri 11/30/12	Tue 3/10/15	100%
Base plans- block out	1 day	Fri 11/30/12	Fri 11/30/12	100%
NJDOE schematic level drawings- scope- multiple	593 days	Fri 11/30/12	Tue 3/10/15	100%
NJDOE detail applications- multiple	593 days	Fri 11/30/12	Tue 3/10/15	100%
Building visits and initial scope development- multiple including MEP, roofing	593 days	Fri 11/30/12	Tue 3/10/15	100%
Scope investigation- roofing mfr including warranty data	593 days	Fri 11/30/12	Tue 3/10/15	100%
Scope itemization and cost estimating	1 day	Fri 11/30/12	Fri 11/30/12	100%
Develop referendum options and questions- multiple	1 day	Fri 11/30/12	Fri 11/30/12	100%
Completion of NJDOE project cost estimates- multiple	1 day	Fri 11/30/12	Fri 11/30/12	100%
Schematic design review/presentation meetings- multiple	1 day	Fri 11/30/12	Fri 11/30/12	100%
Gather existing drawings for scanning and filing	1 day	Fri 11/30/12	Fri 11/30/12	100%
Project kick-off meeting	1 day	Mon 3/23/15	Mon 3/23/15	100%
Roofing- initial site surveys/visits	41 days	Fri 5/1/15	Fri 6/26/15	100%
Roofing- Warranty investigation/mfr contact	41 days	Fri 5/1/15	Fri 6/26/15	100%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Roofing Project at Bullock ES FVHD 4522I

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
<u>Design Development Phase (20% of fee)</u>	65 days	Tue 6/2/15	Mon 8/31/15	100%
Roofing- cuts, cores and verifications	45 days	Mon 6/29/15	Fri 8/28/15	100%
Roofing- Roofing system mfr visits/verification	25 days	Mon 6/22/15	Fri 7/24/15	100%
Roofing- work areas and scope delineation	40 days	Mon 6/22/15	Fri 8/14/15	100%
Roofing- base plans	40 days	Mon 6/22/15	Fri 8/14/15	100%
Roofing- 50% completion/scope of work drawings	55 days	Mon 6/15/15	Fri 8/28/15	100%
Set-up sheets	50 days	Mon 6/22/15	Fri 8/28/15	100%
Arch: Coordinated base plans w/MEP	50 days	Mon 6/22/15	Fri 8/28/15	100%
Arch: Prelim outline spec	50 days	Mon 6/22/15	Fri 8/28/15	100%
Develop 100% complete DD drawings	40 days	Mon 7/6/15	Fri 8/28/15	100%
Owner review- DD completion	11 days	Mon 8/17/15	Mon 8/31/15	100%
Review 100% completion DD	11 days	Mon 8/17/15	Mon 8/31/15	100%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Roofing Project at Bullock ES FVHD 4522I

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
Construction Document Phase (40% of fee)	87 days	Tue 9/1/15	Wed 12/30/15	60%
Construction drawings start (DD completion MP)	9 days	Tue 9/1/15	Fri 9/11/15	100%
Construction Drawings- 20% completion	15 days	Mon 9/7/15	Fri 9/25/15	100%
Construction drawings- 50% completion	10 days	Mon 10/19/15	Fri 10/30/15	100%
CM- Completion review 50%	10 days	Mon 11/2/15	Fri 11/13/15	0%
Asbestos- Initial coordination/drawings	10 days	Mon 11/2/15	Fri 11/13/15	0%
Construction drawings- 75% completion	10 days	Mon 11/16/15	Fri 11/27/15	75%
CM- Completion review 75%	10 days	Mon 11/2/15	Fri 11/13/15	0%
Construction drawings- 100% completion	13 days	Mon 12/14/15	Wed 12/30/15	50%
CM- Completion review- 100%	13 days	Mon 12/14/15	Wed 12/30/15	0%
Specs- Develop general req initial draft	20 days	Tue 9/1/15	Mon 9/28/15	20%
Specs/PM-Front end draft review- attorney	17 days	Thu 10/1/15	Fri 10/23/15	0%
Specs/CM- Front end draft review- CM	17 days	Thu 10/1/15	Fri 10/23/15	0%
Specs- Phasing/milestones/work req./staging- CM	10 days	Mon 11/16/15	Fri 11/27/15	0%
Specs- Coordinate bid packages/contracts	13 days	Mon 12/14/15	Wed 12/30/15	0%
Specs- Technical sections- Arch	45 days	Mon 10/19/15	Fri 12/18/15	20%
Specs- Final Review- Arch/CM/Owner	8 days	Mon 12/21/15	Wed 12/30/15	0%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Roofing Project at Bullock ES FVHD 4522I

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
Bidding/Negotiation Phase	44 days	Mon 1/4/16	Thu 3/3/16	0%
Construction drawings- Plan review/bidding	10 days	Mon 1/4/16	Fri 1/15/16	0%
Final bid package- Check	10 days	Mon 1/4/16	Fri 1/15/16	0%
Preparation of advertisements	3 days	Mon 1/4/16	Wed 1/6/16	0%
Advertise for bids	3 days	Thu 1/7/16	Mon 1/11/16	0%
Pre-construction meeting	10 days	Mon 1/18/16	Fri 1/29/16	0%
Open bids	3 days	Tue 2/16/16	Thu 2/18/16	0%
Review bids/Suggest Award	3 days	Thu 2/18/16	Mon 2/22/16	0%
Award bids- BOE	4 days	Tue 2/23/16	Fri 2/26/16	0%
Notice of award	4 days	Mon 2/29/16	Thu 3/3/16	0%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Roofing Project at Bullock ES FVHD 4522I

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
Construction Phase	410 days	Mon 3/7/16	Fri 9/29/17	0%
Notice to proceed	10 days	Mon 3/7/16	Fri 3/18/16	0%
Procurement period	20 days	Mon 3/21/16	Fri 4/15/16	0%
Construction activity-Summer 2016	50 days	Mon 6/20/16	Fri 8/26/16	0%
Substantial completion	5 days	8/21/2016	Fri 8/26/16	0%
Final project completion	5 days		Fri 9/30/16	0%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Rehabilitation Projects at Bullock ES FVHD 4522B

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
Schematic Design (15% of fee)	671 days	Fri 11/30/12	Fri 6/26/15	100%
NJDOE project initiation/initial applications- multiple	593 days	Fri 11/30/12	Tue 3/10/15	100%
NJDOE preparation of resolutions	593 days	Fri 11/30/12	Tue 3/10/15	100%
NJDOE educational submission/ed specs	593 days	Fri 11/30/12	Tue 3/10/15	100%
Base plans- block out	1 day	Fri 11/30/12	Fri 11/30/12	100%
NJDOE schematic level drawings- scope- multiple	593 days	Fri 11/30/12	Tue 3/10/15	100%
NJDOE detail applications- multiple	593 days	Fri 11/30/12	Tue 3/10/15	100%
Building visits and initial scope development- multiple including MEP, roofing	593 days	Fri 11/30/12	Tue 3/10/15	100%
Scope investigation- roofing mfr including warranty data	593 days	Fri 11/30/12	Tue 3/10/15	100%
Scope itemization and cost estimating	1 day	Fri 11/30/12	Fri 11/30/12	100%
Develop referendum options and questions- multiple	1 day	Fri 11/30/12	Fri 11/30/12	100%
Completion of NJDOE project cost estimates- multiple	1 day	Fri 11/30/12	Fri 11/30/12	100%
Schematic design review/presentation meetings- multiple	1 day	Fri 11/30/12	Fri 11/30/12	100%
Gather existing drawings for scanning and filing	1 day	Fri 11/30/12	Fri 11/30/12	100%
Project kick-off meeting	1 day	Mon 3/23/15	Mon 3/23/15	100%
Clock/PA initial meeting G Weeks	1 day	Thu 4/16/15	Thu 4/16/15	100%
Clock/PA initial meeting G Weeks/vendor	1 day	Tue 4/21/15	Tue 4/21/15	100%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Rehabilitation Projects at Bullock ES FVHD 4522B

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
<u>Design Development Phase (20% of fee)</u>	65 days	Tue 6/2/15	Mon 8/31/15	98%
Clock/PA detail review meeting G Weeks/Vendor	12 days	Mon 6/15/15	Tue 6/30/15	100%
Clock/PA scope review drawing	1 day	Tue 6/2/15	Tue 6/2/15	100%
Security/video initial meeting G Weeks	23 days	Wed 7/1/15	Fri 7/31/15	100%
Security/video initial meeting G Weeks/vendor	33 days	Wed 7/1/15	Fri 8/14/15	100%
Security/video detail review meeting G Weeks/Vendor	20 days	Mon 8/3/15	Fri 8/28/15	90%
Security/video scope review drawing	20 days	Mon 8/3/15	Fri 8/28/15	90%
MEP: Project initial walk-through and review	10 days	Mon 6/22/15	Fri 7/3/15	100%
MEP: Site visits and verifications	35 days	Mon 6/29/15	Fri 8/14/15	100%
MEP: Detail system reviews	35 days	Mon 6/29/15	Fri 8/14/15	90%
MEP: System selections and verification	21 days	Sat 8/1/15	Fri 8/28/15	98%
Arch: Initial walk-through and review	10 days	Mon 6/22/15	Fri 7/3/15	100%
Arch: Site visits and verifications	35 days	Mon 6/29/15	Fri 8/14/15	100%
Arch: Detail area surveys as needed (work areas)	30 days	Mon 7/20/15	Fri 8/28/15	100%
Arch: Base plans with work areas (cartoon)	20 days	Mon 7/6/15	Fri 7/31/15	100%
Arch: Demolition/renov work delineation	50 days	Mon 6/22/15	Fri 8/28/15	100%
Arch: Set-up sheets	50 days	Mon 6/22/15	Fri 8/28/15	100%
Arch: Field data, tag notes and details	50 days	Mon 6/22/15	Fri 8/28/15	100%
Arch: Coordinated base plans w/MEP	50 days	Mon 6/22/15	Fri 8/28/15	100%
Arch: Prelim outline spec all disciplines	50 days	Mon 6/22/15	Fri 8/28/15	100%
Develop 100% complete DD drawings	40 days	Mon 7/6/15	Fri 8/28/15	100%
Owner review- DD completion	11 days	Mon 8/17/15	Mon 8/31/15	100%
Review 100% completion DD	11 days	Mon 8/17/15	Mon 8/31/15	99%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Rehabilitation Projects at Bullock ES FVHD 4522B

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
Construction Document Phase (40% of fee)	87 days	Tue 9/1/15	Wed 12/30/15	40%
Construction drawings start (DD completion MP)	9 days	Tue 9/1/15	Fri 9/11/15	100%
Security/video final drawings for permits	20 days	Tue 9/1/15	Mon 9/28/15	100%
Clock/PA final drawing for permits	13 days	Wed 7/1/15	Fri 7/17/15	90%
Construction Drawings- 20% completion	15 days	Mon 9/7/15	Fri 9/25/15	100%
Construction drawings- 50% completion	10 days	Mon 10/19/15	Fri 10/30/15	100%
CM- Completion review 50%	10 days	Mon 11/2/15	Fri 11/13/15	0%
Asbestos- Initial coordination/drawings	10 days	Mon 11/2/15	Fri 11/13/15	0%
Construction drawings- 75% completion	10 days	Mon 11/16/15	Fri 11/27/15	60%
CM- Completion review 75%	10 days	Mon 11/2/15	Fri 11/13/15	0%
Construction drawings- 100% completion	13 days	Mon 12/14/15	Wed 12/30/15	0%
CM- Completion review- 100%	13 days	Mon 12/14/15	Wed 12/30/15	0%
Specs- Develop general req initial draft	20 days	Tue 9/1/15	Mon 9/28/15	20%
Specs/PM-Front end draft review- attorney	17 days	Thu 10/1/15	Fri 10/23/15	0%
Specs/CM- Front end draft review- CM	17 days	Thu 10/1/15	Fri 10/23/15	0%
Specs- Phasing/milestones/work req./staging- CM	10 days	Mon 11/16/15	Fri 11/27/15	0%
Specs- Coordinate bid packages/contracts	13 days	Mon 12/14/15	Wed 12/30/15	0%
Specs- Technical sections- Arch	45 days	Mon 10/19/15	Fri 12/18/15	25%
Specs- Technical sections- MEP	45 days	Mon 10/19/15	Fri 12/18/15	25%
Specs- Final Review- Arch/CM/Owner	8 days	Mon 12/21/15	Wed 12/30/15	0%
Asbestos coordination meeting	17 days	Thu 10/1/15	Fri 10/23/15	0%
Asbestos- Phasing/Work Plan/Specs (Owner Cons)	13 days	Mon 12/14/15	Wed 12/30/15	0%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Rehabilitation Projects at Bullock ES FVHD 4522B

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
Bidding/Negotiation Phase	44 days	Mon 1/4/16	Thu 3/3/16	0%
Construction drawings- Plan review/bidding	10 days	Mon 1/4/16	Fri 1/15/16	0%
Final bid package- Check	10 days	Mon 1/4/16	Fri 1/15/16	0%
Preparation of advertisements	3 days	Mon 1/4/16	Wed 1/6/16	0%
Advertise for bids	3 days	Thu 1/7/16	Mon 1/11/16	0%
Pre-construction meeting	10 days	Mon 1/18/16	Fri 1/29/16	0%
Open bids	3 days	Tue 2/16/16	Thu 2/18/16	0%
Review bids/Suggest Award	3 days	Thu 2/18/16	Mon 2/22/16	0%
Award bids- BOE	4 days	Tue 2/23/16	Fri 2/26/16	0%
Notice of award	4 days	Mon 2/29/16	Thu 3/3/16	0%

Project Time Line- All Phases (with progress)

Glassboro Board of Education

Rehabilitation Projects at Bullock ES FVHD 4522B

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
Construction Phase	410 days	Mon 3/7/16	Fri 9/29/17	0%
Notice to proceed	10 days	Mon 3/7/16	Fri 3/18/16	0%
Procurement period	20 days	Mon 3/21/16	Fri 4/15/16	0%
Construction activity- Phase 1A- second shift	45 days	Mon 4/18/16	Fri 6/17/16	0%
Construction activity- Phase 1B- Summer 2016	50 days	Mon 6/20/16	Fri 8/26/16	0%
Construction more detail to follow	50 days	Mon 6/20/16	Fri 8/26/16	0%
Construction activity- Phase 1C- Fall 2016	65 days	Mon 8/29/16	Fri 11/25/16	0%
Substantial completion- Phase 1	5 days	Mon 11/21/16	Fri 11/25/16	0%
Construction activity- Phase 2 Summer of 2017	50 days	Mon 6/19/17	Fri 8/25/17	0%
Substantial completion- Phase 2	5 days	Mon 8/21/17	Fri 8/25/17	0%
Final project completion	5 days	Mon 9/25/17	Fri 9/29/17	0%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Rehabilitation Projects at Glassboro HS FVHD 4522E

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
<u>Schematic Design (15% of fee)</u>	671 days	Fri 11/30/12	Fri 6/26/15	100%
NJDOE project initiation/initial applications- multiple	593 days	Fri 11/30/12	Tue 3/10/15	100%
NJDOE preparation of resolutions	593 days	Fri 11/30/12	Tue 3/10/15	100%
NJDOE educational submission/ed specs	593 days	Fri 11/30/12	Tue 3/10/15	100%
Base plans- block out	1 day	Fri 11/30/12	Fri 11/30/12	100%
NJDOE schematic level drawings- scope- multiple	593 days	Fri 11/30/12	Tue 3/10/15	100%
NJDOE detail applications- multiple	593 days	Fri 11/30/12	Tue 3/10/15	100%
Building visits and initial scope development- multiple including MEP, roofing	593 days	Fri 11/30/12	Tue 3/10/15	100%
Scope investigation- roofing mfr including warranty data	593 days	Fri 11/30/12	Tue 3/10/15	100%
Scope itemization and cost estimating	1 day	Fri 11/30/12	Fri 11/30/12	100%
Develop referendum options and questions- multiple	1 day	Fri 11/30/12	Fri 11/30/12	100%
Completion of NJDOE project cost estimates- multiple	1 day	Fri 11/30/12	Fri 11/30/12	100%
Schematic design review/presentation meetings- multiple	1 day	Fri 11/30/12	Fri 11/30/12	100%
Gather existing drawings for scanning and filing	1 day	Fri 11/30/12	Fri 11/30/12	100%
Project kick-off meeting	1 day	Mon 3/23/15	Mon 3/23/15	100%
Clock/PA initial meeting G Weeks	1 day	Thu 4/16/15	Thu 4/16/15	100%
Clock/PA initial meeting G Weeks/vendor	1 day	Tue 4/21/15	Tue 4/21/15	100%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Rehabilitation Projects at Glassboro HS FVHD 4522E

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
<u>Design Development Phase (20% of fee)</u>	65 days	Tue 6/2/15	Mon 8/31/15	98%
Clock/PA detail review meeting G Weeks/Vendor	12 days	Mon 6/15/15	Tue 6/30/15	100%
Clock/PA scope review drawing	1 day	Tue 6/2/15	Tue 6/2/15	100%
Security/video initial meeting G Weeks	23 days	Wed 7/1/15	Fri 7/31/15	100%
Security/video initial meeting G Weeks/vendor	33 days	Wed 7/1/15	Fri 8/14/15	100%
Security/video detail review meeting G Weeks/Vendor	20 days	Mon 8/3/15	Fri 8/28/15	90%
Security/video scope review drawing	20 days	Mon 8/3/15	Fri 8/28/15	90%
MEP: Project initial walk-through and review	10 days	Mon 6/22/15	Fri 7/3/15	100%
MEP: Site visits and verifications	35 days	Mon 6/29/15	Fri 8/14/15	100%
MEP: Detail system reviews	35 days	Mon 6/29/15	Fri 8/14/15	90%
MEP: System selections and verification	21 days	Sat 8/1/15	Fri 8/28/15	98%
Arch: Initial walk-through and review	10 days	Mon 6/22/15	Fri 7/3/15	100%
Arch: Site visits and verifications	35 days	Mon 6/29/15	Fri 8/14/15	100%
Arch: Detail area surveys as needed (work areas)	30 days	Mon 7/20/15	Fri 8/28/15	100%
Arch: Base plans with work areas (cartoon)	20 days	Mon 7/6/15	Fri 7/31/15	100%
Arch: Demolition/renov work delineation	50 days	Mon 6/22/15	Fri 8/28/15	100%
Arch: Set-up sheets	50 days	Mon 6/22/15	Fri 8/28/15	100%
Arch: Field data, tag notes and details	50 days	Mon 6/22/15	Fri 8/28/15	100%
Arch: Coordinated base plans w/MEP	50 days	Mon 6/22/15	Fri 8/28/15	100%
Arch: Prelim outline spec all disciplines	50 days	Mon 6/22/15	Fri 8/28/15	100%
Develop 100% complete DD drawings	40 days	Mon 7/6/15	Fri 8/28/15	100%
Owner review- DD completion	11 days	Mon 8/17/15	Mon 8/31/15	100%
Review 100% completion DD	11 days	Mon 8/17/15	Mon 8/31/15	99%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Rehabilitation Projects at Glassboro HS FVHD 4522E

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
Construction Document Phase (40% of fee)	87 days	Tue 9/1/15	Wed 12/30/15	40%
Construction drawings start (DD completion MP)	9 days	Tue 9/1/15	Fri 9/11/15	100%
Clock/PA final drawing for permits	13 days	Wed 7/1/15	Fri 7/17/15	100%
Security/video final drawings for permits	20 days	Tue 9/1/15	Mon 9/28/15	90%
Construction Drawings- 20% completion	15 days	Mon 9/7/15	Fri 9/25/15	100%
Construction drawings- 50% completion	10 days	Mon 10/19/15	Fri 10/30/15	100%
CM- Completion review 50%	10 days	Mon 11/2/15	Fri 11/13/15	0%
Asbestos- Initial coordination/drawings	10 days	Mon 11/2/15	Fri 11/13/15	0%
Construction drawings- 75% completion	10 days	Mon 11/16/15	Fri 11/27/15	60%
CM- Completion review 75%	10 days	Mon 11/2/15	Fri 11/13/15	0%
Construction drawings- 100% completion	13 days	Mon 12/14/15	Wed 12/30/15	0%
CM- Completion review- 100%	13 days	Mon 12/14/15	Wed 12/30/15	10%
Specs- Develop general req initial draft	20 days	Tue 9/1/15	Mon 9/28/15	20%
Specs/PM-Front end draft review- attorney	17 days	Thu 10/1/15	Fri 10/23/15	0%
Specs/CM- Front end draft review- CM	17 days	Thu 10/1/15	Fri 10/23/15	0%
Specs- Phasing/milestones/work req./staging- CM	10 days	Mon 11/16/15	Fri 11/27/15	0%
Specs- Coordinate bid packages/contracts	13 days	Mon 12/14/15	Wed 12/30/15	0%
Specs- Technical sections- Arch	45 days	Mon 10/19/15	Fri 12/18/15	25%
Specs- Technical sections- MEP	45 days	Mon 10/19/15	Fri 12/18/15	25%
Specs- Final Review- Arch/CM/Owner	8 days	Mon 12/21/15	Wed 12/30/15	0%
Asbestos coordination meeting	17 days	Thu 10/1/15	Fri 10/23/15	0%
Asbestos- Phasing/Work Plan/Specs (Owner Cons)	13 days	Mon 12/14/15	Wed 12/30/15	0%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Rehabilitation Projects at Glassboro HS FVHD 4522E

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
Bidding/Negotiation Phase	44 days	Mon 1/4/16	Thu 3/3/16	0%
Construction drawings- Plan review/bidding	10 days	Mon 1/4/16	Fri 1/15/16	0%
Final bid package- Check	10 days	Mon 1/4/16	Fri 1/15/16	0%
Preparation of advertisements	3 days	Mon 1/4/16	Wed 1/6/16	0%
Advertise for bids	3 days	Thu 1/7/16	Mon 1/11/16	0%
Pre-construction meeting	10 days	Mon 1/18/16	Fri 1/29/16	0%
Open bids	3 days	Tue 2/16/16	Thu 2/18/16	0%
Review bids/Suggest Award	3 days	Thu 2/18/16	Mon 2/22/16	0%
Award bids- BOE	4 days	Tue 2/23/16	Fri 2/26/16	0%
Notice of award	4 days	Mon 2/29/16	Thu 3/3/16	0%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Rehabilitation Projects at Glassboro HS FVHD 4522E

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
Construction Phase	410 days	Mon 3/7/16	Fri 9/29/17	0%
Notice to proceed	10 days	Mon 3/7/16	Fri 3/18/16	0%
Procurement period	20 days	Mon 3/21/16	Fri 4/15/16	0%
Construction activity- Phase 1A- second shift	45 days	Mon 4/18/16	Fri 6/17/16	0%
Construction activity- Phase 1B- Summer 2016	50 days	Mon 6/20/16	Fri 8/26/16	0%
Construction more detail to follow	50 days	Mon 6/20/16	Fri 8/26/16	0%
Construction activity- Phase 1C- Fall 2016	65 days	Mon 8/29/16	Fri 11/25/16	0%
Substantial completion- Phase 1	5 days	Mon 11/21/16	Fri 11/25/16	0%
Construction activity- Phase 2 Summer of 2017	50 days	Mon 6/19/17	Fri 8/25/17	0%
Substantial completion- Phase 2	5 days	Mon 8/21/17	Fri 8/25/17	0%
Final project completion	5 days	Mon 9/25/17	Fri 9/29/17	0%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Roofing Project at JH Rodgers ES FVHD 4522J

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
<u>Schematic Design (15% of fee)</u>	671 days	Fri 11/30/12	Fri 6/26/15	100%
NJDOE project initiation/initial applications- multiple	593 days	Fri 11/30/12	Tue 3/10/15	100%
NJDOE preparation of resolutions	593 days	Fri 11/30/12	Tue 3/10/15	100%
NJDOE educational submission/ed specs	593 days	Fri 11/30/12	Tue 3/10/15	100%
Base plans- block out	1 day	Fri 11/30/12	Fri 11/30/12	100%
NJDOE schematic level drawings- scope- multiple	593 days	Fri 11/30/12	Tue 3/10/15	100%
NJDOE detail applications- multiple	593 days	Fri 11/30/12	Tue 3/10/15	100%
Building visits and initial scope development- multiple including MEP, roofing	593 days	Fri 11/30/12	Tue 3/10/15	100%
Scope investigation- roofing mfr including warranty data	593 days	Fri 11/30/12	Tue 3/10/15	100%
Scope itemization and cost estimating	1 day	Fri 11/30/12	Fri 11/30/12	100%
Develop referendum options and questions- multiple	1 day	Fri 11/30/12	Fri 11/30/12	100%
Completion of NJDOE project cost estimates- multiple	1 day	Fri 11/30/12	Fri 11/30/12	100%
Schematic design review/presentation meetings- multiple	1 day	Fri 11/30/12	Fri 11/30/12	100%
Gather existing drawings for scanning and filing	1 day	Fri 11/30/12	Fri 11/30/12	100%
Project kick-off meeting	1 day	Mon 3/23/15	Mon 3/23/15	100%
Roofing- initial site surveys/visits	41 days	Fri 5/1/15	Fri 6/26/15	100%
Roofing- Warranty investigation/mfr contact	41 days	Fri 5/1/15	Fri 6/26/15	100%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Roofing Project at JH Rodgers ES FVHD 4522J

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
<u>Design Development Phase (20% of fee)</u>	65 days	Tue 6/2/15	Mon 8/31/15	100%
Roofing- cuts, cores and verifications	45 days	Mon 6/29/15	Fri 8/28/15	100%
Roofing- Roofing system mfr visits/verification	25 days	Mon 6/22/15	Fri 7/24/15	100%
Roofing- work areas and scope delineation	40 days	Mon 6/22/15	Fri 8/14/15	100%
Roofing- base plans	40 days	Mon 6/22/15	Fri 8/14/15	100%
Roofing- 50% completion/scope of work drawings	55 days	Mon 6/15/15	Fri 8/28/15	100%
Set-up sheets	50 days	Mon 6/22/15	Fri 8/28/15	100%
Arch: Coordinated base plans w/MEP	50 days	Mon 6/22/15	Fri 8/28/15	100%
Arch: Prelim outline spec	50 days	Mon 6/22/15	Fri 8/28/15	100%
Develop 100% complete DD drawings	40 days	Mon 7/6/15	Fri 8/28/15	100%
Owner review- DD completion	11 days	Mon 8/17/15	Mon 8/31/15	100%
Review 100% completion DD	11 days	Mon 8/17/15	Mon 8/31/15	100%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Roofing Project at JH Rodgers ES FVHD 4522J

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
Construction Document Phase (40% of fee)	87 days	Tue 9/1/15	Wed 12/30/15	70%
Construction drawings start (DD completion MP)	9 days	Tue 9/1/15	Fri 9/11/15	100%
Construction Drawings- 20% completion	15 days	Mon 9/7/15	Fri 9/25/15	100%
Construction drawings- 50% completion	10 days	Mon 10/19/15	Fri 10/30/15	100%
CM- Completion review 50%	10 days	Mon 11/2/15	Fri 11/13/15	0%
Asbestos- Initial coordination/drawings	10 days	Mon 11/2/15	Fri 11/13/15	0%
Construction drawings- 75% completion	10 days	Mon 11/16/15	Fri 11/27/15	90%
CM- Completion review 75%	10 days	Mon 11/2/15	Fri 11/13/15	0%
Construction drawings- 100% completion	13 days	Mon 12/14/15	Wed 12/30/15	70%
CM- Completion review- 100%	13 days	Mon 12/14/15	Wed 12/30/15	0%
Specs- Develop general req initial draft	20 days	Tue 9/1/15	Mon 9/28/15	20%
Specs/PM-Front end draft review- attorney	17 days	Thu 10/1/15	Fri 10/23/15	0%
Specs/CM- Front end draft review- CM	17 days	Thu 10/1/15	Fri 10/23/15	0%
Specs- Phasing/milestones/work req./staging- CM	10 days	Mon 11/16/15	Fri 11/27/15	0%
Specs- Coordinate bid packages/contracts	13 days	Mon 12/14/15	Wed 12/30/15	0%
Specs- Technical sections- Arch	45 days	Mon 10/19/15	Fri 12/18/15	20%
Specs- Final Review- Arch/CM/Owner	8 days	Mon 12/21/15	Wed 12/30/15	0%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Roofing Project at JH Rodgers ES FVHD 4522J

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
Bidding/Negotiation Phase	44 days	Mon 1/4/16	Thu 3/3/16	0%
Construction drawings- Plan review/bidding	10 days	Mon 1/4/16	Fri 1/15/16	0%
Final bid package- Check	10 days	Mon 1/4/16	Fri 1/15/16	0%
Preparation of advertisements	3 days	Mon 1/4/16	Wed 1/6/16	0%
Advertise for bids	3 days	Thu 1/7/16	Mon 1/11/16	0%
Pre-construction meeting	10 days	Mon 1/18/16	Fri 1/29/16	0%
Open bids	3 days	Tue 2/16/16	Thu 2/18/16	0%
Review bids/Suggest Award	3 days	Thu 2/18/16	Mon 2/22/16	0%
Award bids- BOE	4 days	Tue 2/23/16	Fri 2/26/16	0%
Notice of award	4 days	Mon 2/29/16	Thu 3/3/16	0%



Project Time Line- All Phases (with progress)

Glassboro Board of Education

Roofing Project at JH Rodgers ES FVHD 4522J

Date: October 14, 2015

Task Name	Duration	Start	Finish	% Compl
Construction Phase	410 days	Mon 3/7/16	Fri 9/29/17	0%
Notice to proceed	10 days	Mon 3/7/16	Fri 3/18/16	0%
Procurement period	20 days	Mon 3/21/16	Fri 4/15/16	0%
Construction activity-Summer 2016	50 days	Mon 6/20/16	Fri 8/26/16	0%
Substantial completion	5 days	8/21/2016	Fri 8/26/16	0%
Final project completion	5 days		Fri 9/30/16	0%

