

# Organize, Prepare, and Painting Project: Pismo Beach Lions – Club

**Luis Badillo**

California Polytechnic State University  
San Luis Obispo, CA

This paper explains the management process and execution of a project based senior project painting for a nonprofit. The main aim of the project was to give back to a charity organization that offers their time and energy to support their local community. This project occurred during the COVID 19 pandemic, and appropriate safety protocols were used including in communicating with the club representatives. The Pismo Beach Lions Club building was weathered and in need of fresh paint. The original color logo of the Lions Club is blue and white and was preferred that the building remain the same colors. My senior project was to make a project plan and schedule, gather materials, secure funding, and perform the preparation, primer, and painting of the building. In addition to painting the building, it was important to organize the work and coordinate with the client. Overall, this paper focuses on the project process, courses at California Polytechnic and State University, San Luis Obispo (Cal Poly) that prepared me for this project, the deliverables, and lesson learned.

**Key Words:** Paint, Primer, Subcontractor, Superintendent, Pismo Beach Lions Club, Management skills.

## Background

The service of the painter is needed everywhere from homes to public building, factories, and in this case clubs. Painters can expect to offer professional advice on colors and design and employ a wide range of finishing skills. Painting and decorating are creative jobs that requires a sense of design and technical skills, as well as management skills. My role in my senior project was to work as a painting contractor. The best part of my senior project was creating something with my own hands and seeing the result of my work. I reached out to the Pismo Beach Lions Club and proposed providing preparation, primer, and painting as my senior project. They accepted and were excited to update the appearance of their building. In addition, I was able to apply my skills and what I have learned in classes as a CM student in this project. It was an honor to give back to a club who gives so much to our local communities.



### *Pismo Beach Lion Club*

It is a wonderful thing and an amazing feeling for everyone involved when caring individuals come together, roll up their sleeves and take action to make their community better. They are the Lions. The Pismo Beach Lions Club leads by example, creating relationships through kindness and improving the environment. To make a lasting difference and change more lives, 1.4 million loving men and women

work together. The Pismo Beach Lions Club fundraiser towards eye-care for the needy, recycle eyeglasses and hearing aids for third world countries. Also, the club fundraises to Support Canine Companions, and the Lions Eyesight Trailer that provides eye exams to students across the county from Paso Robles to Arroyo Grande

### *Project Description*

Buildings by the coast have their benefits, proximity to the Pacific Ocean, cool summer breezes, and much more. However, buildings by the Ocean have their downsides as well and can take a toll on the exterior of the building. When I first saw the Pismo Beach Lions Club building, I knew it needed a lot of work. The building is close to the shore and the exterior paint was faded, peeling and chipping because of constant exposure to salt water.

Also, humidity combined with ocean proximity meant that there was moisture build-up, making mold and mildew more likely. This mold and weather ate away the Lions buildings paint and damaged the substrate. The building needed a new exterior coating to preserve and protect it from the harmful elements and make it beautiful for years to come. So, to benefit the Lions Club and as my senior project I proposed removing the old paint, preparing the substrate, and applying a coating of primer and exterior grade paint.

### *Courses at Cal Poly That Help Me for This Project*

The CM courses I took at Cal Poly help me prepare for this project and the courses I reflected on were, CM 113- Construction Materials, CM 214- Residential Construction Management, CM 413- Jobsite Construction Management and CM 422- Construction Technology. Thanks to these courses mention above, I was able to interpret customer requirements and manage customer expectations positively, recognize and understand problems swiftly and follow a self-managed process for resolving, and understand the details required for floor plans in construction drawings including sections, datum levels, wall constructions, material codes, depth dimensions, heights, schedules, and finally specifications.

### **Process**

To prepare, prime, and paint the Lions Club building in Pismo Beach, I needed to plan and schedule the work, secure funding, acquire materials and tools and complete the work

### *Deliverables*

On the negotiated delivery date of May 19, 2020, the final deliverables were delivered to the client. The 408sf construction involved the removal of old paint and the prepping of the wall for the paint and primer coat. In their freshly repainted building, the Pismo Beach Lion Club held their first fun eye care raiser on June 15<sup>th</sup>. A project timeline, budget and risk analysis were also included in the deliverables.

### *Budget*

The total cost for the project was \$704.47. First, the most expensive material needed was the paint which cost \$272.94, husky 100 feet extension cord \$41.57, airless paint sprayer \$199, and a 7 feet ladder \$69.98. Furthermore, the material needed to complete the project was, the screwdriver \$10.97, scissors \$5.97, empty 5 gallon \$4.38, masking paper \$8.76, roller cover \$9.29, XL box \$2.48, Drop cloth \$8.44, clear plastic cloth \$1.98, scotch blue tape \$13.16, spackling \$7.78, paint cup \$2.97, wiping cloths \$11.98, wall scraper \$8.27, paint brush \$15.98 and extension pole \$7.97. Lastly, having all prep and paint supplies at the ready cuts down on frustration and helps the process move along more quickly. In addition, before getting to the fun part, I had to spend few days prepping the wall; patching holes, cleaning, and sanding wear all important to achieve the best result.

### *Project Risk and CMAC Funding*

Weather, money, material, and pedestrians wear on my risk analysis. The weather was a risk for my project because the building is near the Pismo shoreline, and it was crucial the building wall remain dry and winds stay calm. If the walls wear to be wet the paint could have slipped off and the wind could have caused the paint to spray elsewhere. Money was a potential risk for my senior project. The cost of paint and material can be costly, but I was fortune enough for my project to be funded by the CMAC at \$1000 and that was enough to cover everything I needed to finish my senior project. Lastly, the building was in a popular area and there was a high pedestrian traffic which the risk included accidently spraying a person or a vehicle. To mitigate this risk, I used wet paint signs and caution tape around the building.

### *Project Process*

Paint Schedule was not necessary for such a small project, but I wanted to be as professional as possible with my customers. I decided to do a Gantt chart and made it as easy as possible to read for The Pismo Beach Lion Club. The project duration was 6 days it began on May 13<sup>th</sup>, 2020 and finished on May 19<sup>th</sup>, 2020. From May 13<sup>th</sup> to May 15<sup>th</sup> I gather the building measurements, made a risk analysis, material list, budget, and schedule. On May 15<sup>th</sup> the process of paint and primer began.



To start, I power washed the entire building leaving only the wood exposed. After, I did more prep work which took me 3 days, this included patching holes, sanding, removing nails, covering windows, and putting up wet paint signs. Again, to prevent the salt water from effecting the paint I went with a high gloss primer and paint, this will slow the effect of fade, peel, and chip. Like most things, the key to prevent is constant maintenance. High gloss primer in one, and power washing as discuss before, is a good way to help prevent the saltwater corrosion. Of course, my role as a contractor included developing a schedule, measuring the building, gather all material needed, develop a risk analysis, check list, and closeout. The following images shows the process



May 15<sup>th</sup>: The building was power washed and prep work began shortly after.





May 18<sup>th</sup>: It took me approximately 5 hours to add the first coat of paint and primer and let it dry overnight.

## Results

The final coat of paint and primer was applied on May 15<sup>th</sup>. This last coat of paint was a faster process because the surface preparation done well. The process may be time consuming, but it is an essential step. When the prep work is completed, the paint adhered better to the walls. Also, the masking of the

parts I did not want paint on, made it easier and left a professional finish around the building trims. Overall, the preparation work made it easier, faster and left a clean, smooth finish.



### **Lesson Learned**

The joy of painting is that it dries quickly and if you make a mistake you can easily paint over it. But I did not only learn how to cover up my mistakes. I learned work organization and management which I needed to know to understand health and safety legislation, obligation, and documentation, also, the situation when personal protective equipment must be used. Another relative importance lesson learned was communication and interpersonal skills, this included the significance of establishing and

maintain customer confidence technical considerations related to heritage/preservation work, the value of building and maintaining a trusting and productive working relationship, and the importance of swiftly resolving misunderstanding and conflicting demands. After all, I did not want my painting to only look good from a distance, I wanted it to look great up close, and by doing so I learned that patience is really a virtue. Painting might sound like an easy task; it was in fact the opposite. Prep work was the most tedious of the overall project, masking, removing nails, patching holes, sanding and power washing mold took 23 hours. Finally, what I learned from this project is that my CM classes truly helped develop a sense of management to take on any job either alone or in a team.

### **Conclusion**

In conclusion, I was very proud of the work I completed. Due to COVID-19, in person meetings with the client were limited, but I was able to keep in contact and coordinate with them via email and phone calls to assure that the clubs' expectations were met. The main aim of the project was to give back to a charity organization that offers their time and energy to support their local community. The Pismo Beach Lions Club building was weathered and in need of fresh paint. My senior project was to make a project plan and schedule, gather materials, secure funding, and perform the preparation, primer, and painting of the building. Overall, the project was a success, the project went to plan, met the client expectations and I was able to apply what I had learned in my classes through completing this project to learn by doing.

### **References**

Club, L. (2018). Home page: Lions Clubs International. Retrieved December 03, 2020, from <https://www.lionsclubs.org/en>

Walsh, K. (2018). Pismo Beach Cities Lions Club - Lions e. Retrieved December 03, 2020, from [https://e-clubhouse.org/sites/pismo\\_beach\\_cities/](https://e-clubhouse.org/sites/pismo_beach_cities/)