



ASC Region 6 & 7 Competition 2025

Integrated Project Delivery Problem

Clark Construction Group

2/6/2025

MEMO TO STUDENTS

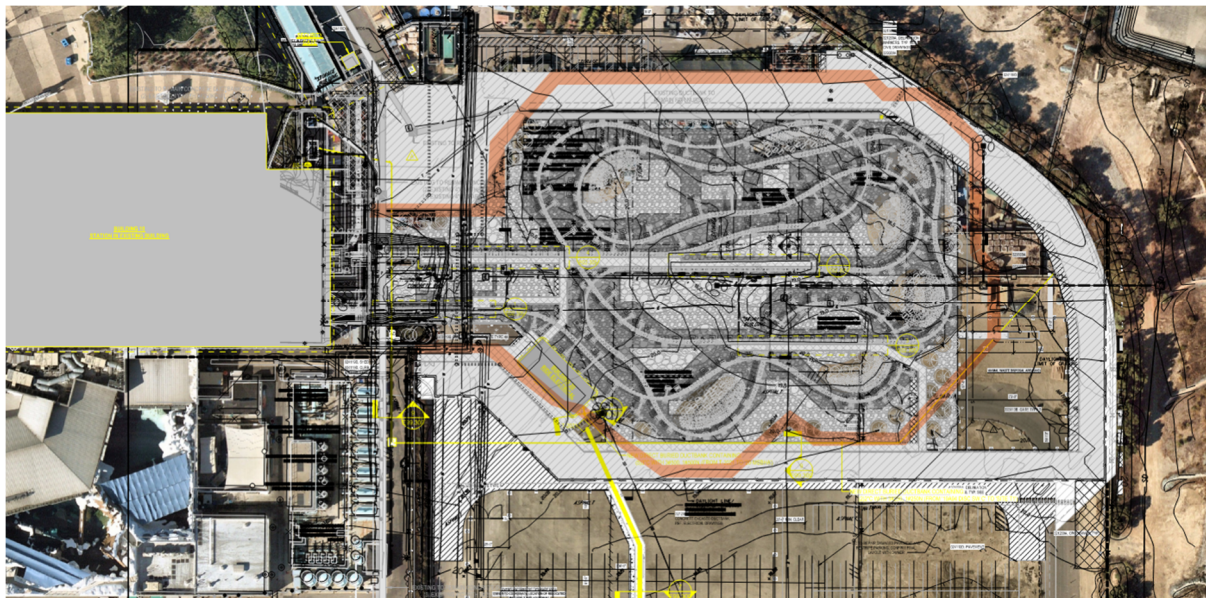
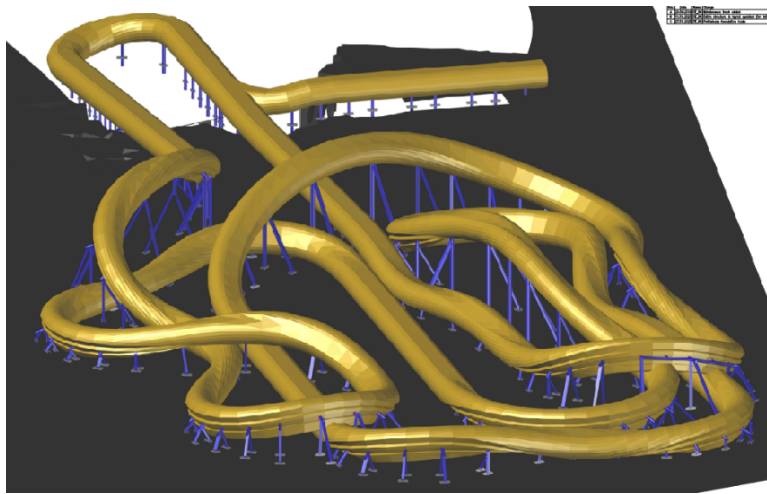
For the 2025 ASC Regions 6 & 7 Integrated Project competition, you are taking the role of an Integrated Project team engaged in the construction of the Arctic Rescue Roller Coaster at SeaWorld San Diego. SeaWorld Parks and Entertainment is the Owner. The project has been under construction by your team and is a CM at Risk project. Not all is going well on the project. You have a number of major open items on the Issues Resolution Log, and certain project metrics are falling short of expectations. SeaWorld has just sent you an email recapping the concerns and requesting a detailed action plan to get back on track. Your task in this competition is to develop solutions to discrete problems and present them in a clear and concise manner.

Your role is that of a project team for Clark and you are reporting to the Owner.

Project Description:

The Arctic Rescue Coaster is the latest addition to SeaWorld's attraction focused expansion and consist of the following programmed elements:

- New triple launch straddle-type roller coaster addition to SeaWorld San Diego spanning 5 acres of previously back-of-house space adjacent to the main park.
- Coaster components are manufactured by Liechtenstein based Intamin Amusements and erected by Clark Construction.
- Decommissioning an old interior ride and repurposing the building to the queuing and loading area for the new coaster.
- Construction of two outbuildings to host ride electrical control equipment and coaster maintenance materials.
- Extensive theming of queuing area and ride footprint, including the relocation, renovation and staging of an OH-6 helicopter.
- Rerouting of main back-of-house access for employees and deliveries.





As you respond to each of the issues, be sure you coordinate all aspects of your response together.

Initially you should get familiar with the project, determine what deliverables must be in your Written Report, and organize your team to accomplish that. **Please note that there are early deliverables, IRL Items #1-5, which are due at 1:00PM.** At 10:00AM today, in Alpine 3, we will meet to conduct a question-and-answer session regarding the Problem Statement. All teams must send one or two representatives to this mandatory session. Students may ask questions in front of the larger group. The judges will also be available for individual discussions if needed. The judges will be circulating around your working rooms today to check progress and to conduct confidential discussions regarding any creative solutions you may be considering. **The judges will only be visiting your rooms once in the afternoon, after the early deliverables are due.** The purpose of this session is not to pre-judge your work, but rather to ensure you are moving productively forward.

PROBLEM STATEMENT

The Problem Statement contains all the documents you will need to solve this problem. The electronic link you have been given contains:

- Project Documents
- IRL Back-up Data
- The email sent by Trevor this morning
- The Issue Resolution Log that documents and tracks action items for the team

YOUR CHALLENGE

Your challenge in this competition is to understand project requirements, understand where the current progress is failing to meet them, develop a plan to get back in compliance with the project requirements, and communicate that effectively to the judges in written format and in an interview.



COMPETITION SCHEDULE

Thursday 2/6/2025

7:00AM - Problem Begins – Meet in Alpine 3 for Kick-Off

10:00AM - Question & Answer Session – Meet in Alpine 3 (at least one rep from each team)

1:00PM – Written Report - First Deliverable Due (IRL Items #1- 5) (Electronically to

trevor.gerard@clarkconstruction.com AND Flash Drive Handed to Judges in Alpine 3)

2:30PM - 5:30PM - Clark Room Visit (Clark will hand back flash drives during this time)

10:00 PM - All teams hand-in Written Report (IRL Items #6-15) (Electronically to

trevor.gerard@clarkconstruction.com AND Flash Drive Handed to Judges in Alpine 3)

Friday 2/7/2024

Times TBD (7:30 AM Earliest Start, 4:00 PM Latest Start) - Team Meetings with Owner

6:00 PM - Project Recap by Clark Construction

Saturday 2/8/2024

8:00 AM - Job Fair begins

Awards Ceremony



THE WRITTEN REPORT

You represent a Clark Project team building this project for SeaWorld.

The content of your Written Report must be internally coordinated so that all parts support each other. Look for inconsistencies across and between all sections and resolve them prior to submission.

Focus your Written Report on a simple yet professional appearance, in terms of neat work, proper grammar and spelling, logical organization and consistent appearance of aspects such as font. Make it easy for the judges to find what they are looking for in your proposal. The content must be clearly and concisely communicative of your ideas and intent. Don't make it hard for the judges to figure out what you are saying. Don't leave the judges guessing as to your plans, or worse, leave the impression that you have no plan to address some particular important point mentioned in the Problem Statement.

Please organize your Written Report as follows:

- Cover sheet - ensure your school name is on it somewhere
- Cover letter - concise, and never more than one page
- Table of contents
- IRL solutions

These sections may be in some cases concise and brief, but some may be fairly complex and sub-divided as necessary for clarity. When an IRL item requests a narrative, the narrative produced should be no more than one-half page of type written text.

Please provide one copy electronically thru email to trevor.gerard@clarkconstruction.com and one copy saved on the flash drive given to you on Thursday morning. This requirement is for both the early deliverable at 1:00PM and the final deliverable at 10:00PM. Clark will return the flash drive to you during the afternoon room visits so you may upload the final documents to it later that night. Ensure your submissions (digital and in-person via flash drive) are timely. Late deliverables will impact scoring.

Please organize the electronic file as a single PDF with electronic bookmarks to allow the judges to quickly move to each of the sections.

Remember, your Written Report is a formal submission to the Owner, showing how you will resolve the remaining open problems as represented in the IRL. Please do not add superfluous materials that do not directly support the key elements of response. Please do not include any "boilerplate" materials pre-prepared by your team back at school, such as safety plans or QC programs. All materials in your Written Report should be original content developed at this competition in response to the Problem Statement. Trust me, we can tell.



THE MEETING

In the oral portion of the competition on Friday, your team will continue in your role as a project team meeting with your owner, for the purpose of reviewing and clarifying your responses. The focus will be on communication and your ability to convince the Judges that your team understood the problems in the IRL, as well as the constraints and opportunities present, and that you have a solution to competently deal with them.

As with the Written Report, the focus of the meeting should be on content not form, but your team members should maintain a professional demeanor. The judges will expect to see substantial participation by all team members. Digital supporting materials such as PowerPoint are not permitted during your meeting. Charts or other supporting items are not recommended and could even be distracting but may be employed at your discretion if you feel such materials will help you achieve your goals. A standard slide deck will be displayed to the audience during the meeting so that they are familiar with the IRL items being discussed.

Any supporting materials your team intends to use during your meeting must be part of the written deliverables due on Thursday. No other materials will be allowed to be employed in your meeting other than those submitted at the deadlines. The judges will have their copies of your Written Report with them for reference.

Your meeting will last a total of 20 minutes, and we expect the format to be approximately as follows:

- Setup of Meeting (Clark Judges): 1 minute
- IRL Question & Answer Meeting (Student Team & Clark Judges): 20 minutes
- Wrap Up (Clark Judges): 2 minutes

As your meeting time begins, do not attempt to explain your entire Written Report – there is not enough time nor the need to do that. You should expect pointed questioning relative to your proposed solutions from the judges. The meeting will be primarily a question-and-answer session.



SCORING

The Written Reports will be scored by Clark judges in advance of the Interviews on Friday and must stand alone as a complete written solution to the competition problem. This is a Construction Management competition. You will be judged on your decisions of how to approach the project problems and project management aspects of the project, and we will be looking to see if all aspects of your Written Report are coordinated together and with the Problem Statement requirements. Each IRL item is worth 10 points, for a total of 150 points. Keep this in mind when working on the problems since they are all weighted the same. Timeliness is awarded 10 points for each deliverable, with one point deducted for each minute the in-person deliverable is tardy.

In the meeting you will be scored on your professionalism, preparation, and content. The oral presentation is worth 80 points. Below are the things the judges will be looking for:

- Did they arrive on time, and have they practiced?
- Did everyone participate meaningfully, did each person know their role, and did they direct questions appropriately?
- Did they know and clarify the questions asked?
- Did they communicate their solutions effectively?
- Did they defend their position effectively?

Clark wishes each team good luck!