Large Job Logistics: Fiber Reinforced Floor Slabs

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What: Quantities
Overall Quantities

- 2,526,340 SF of Slab (4”, 5”, 6”, 10”, 12” and 18” Depths)
- 972,850 SF of Paving (6” and 8” Depths)
- 7,000 SF of 4” Sidewalk
- 1,633 Formed Column Pads
- 15,405 LF of Spread Footings
- 17,050 LF of Foundation Walls
- 754 Bollards
Overall Quantities

What this comes down to:

- 58 Acres of Slab
- 22 Acres of Pavement
- 2.92 miles of Footings
- 3.23 Miles of Walls
When: Time Frame
The Initial Time Frame

Start: March of ‘17
End: June of ‘18
Actual Start Date

Start: June of '17
End: June of '18

Total Time Lost: 3 Months
Rain Delays and Time Lost to Weather

Time Lost: One Month  End: June of ‘18

Total Time Lost: 4 Months
Time Lost Due to Building Collapse

Time Lost: Two Weeks
End: June of ‘18

Total Time Lost: 4.5 Months
How: Logistics of a Job’s Progression with Fiber Reinforced Floors
Who gets what, when?

- Paving
- Foundations
- Floors
How do you plan to pour 85,500 CY of concrete on the ground in less than a year? This comes out to 350 CY of concrete per working day, minimum.
Maintaining efficiency: Man Hours vs. Productivity
Conclusion
Chuck Baker running the screed.