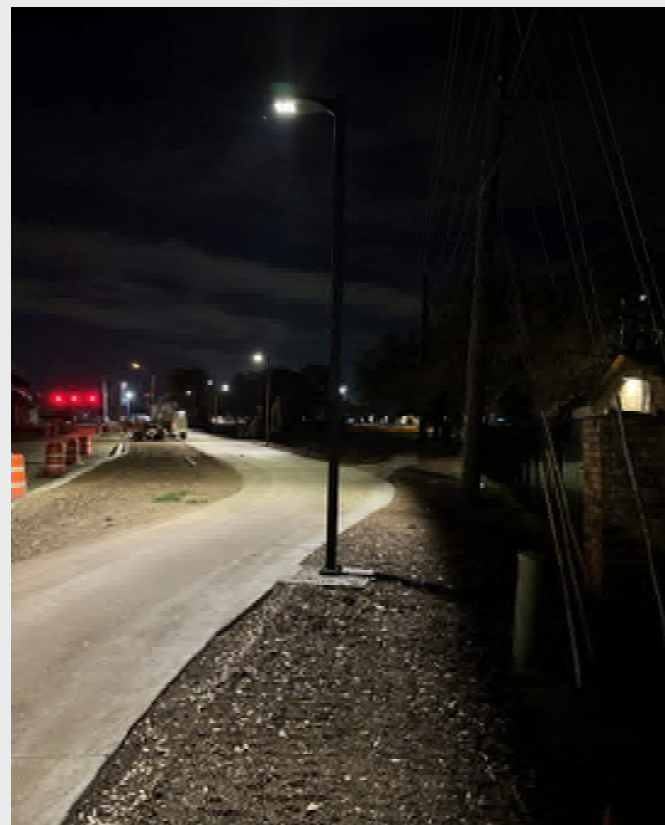


Corridor Illumination



Corridor Illumination



US 290 at SH 71 Before Construction



US 290 at SH 71 During Construction (July 2024)



US 290 at SH 71 During Construction (September 2024)



Planned US 290 at SH 71



DESIGN AS SHOWN SUBJECT TO MINOR CHANGES



Circle/S View Intersection at Beginning of Construction



Circle/S View Intersection Construction (June 2024)



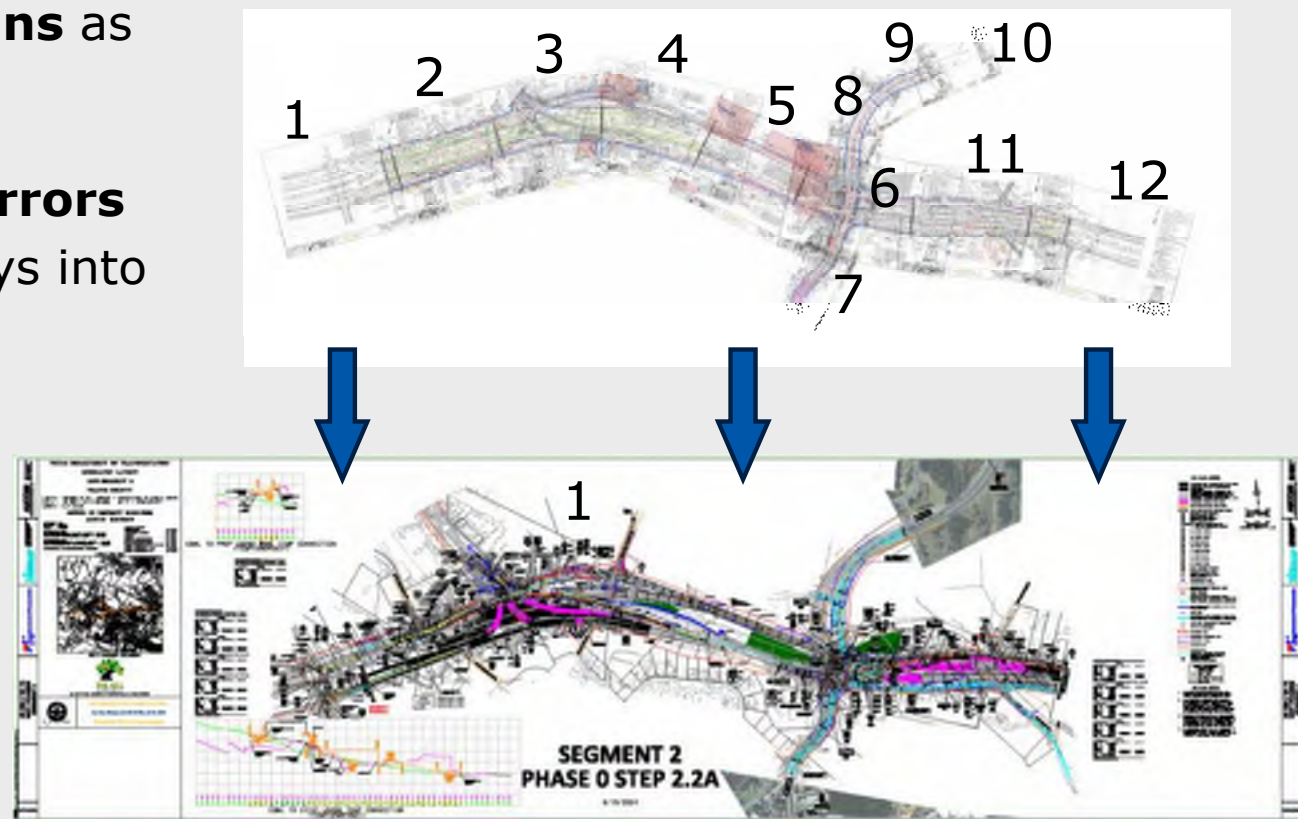
Lessons Learned

- Sheet design
- Drone usage
- Asphalt and Concrete specifications
- Combined office space



Roll Plots

- **Useful for TCP/MOT plans** as well as other disciplines
- **Reduces potential for errors** with dividing long roadways into multiple sheets
- New technology (iPads) **improves visibility and portability.** Allows seamless movement between multiple phases



Drone usage

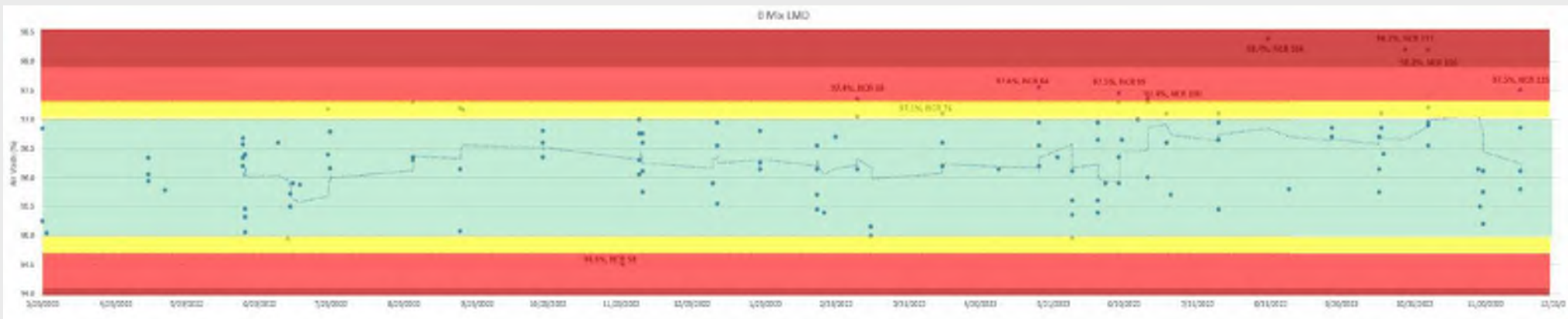
- Obtain aerial footage instead of KMZs
- Gather quantities faster than traditional surveying
- Engage stakeholders in dynamic ways



*Drone usage must abide by TxDOT Use of Unmanned Aircraft Systems Policy (P-AVN-001, April 9, 2024) & Unmanned Aircraft System (UAS) Flight Operations and User's Manual

Narrowed Acceptance Limits

- Unit price project = bonus/deduct ranges
- Lump sum project = had to fix the value for the bid = no bonus/deduct
- Narrowed acceptance limits = removes the bonus/deduct range but makes target values smaller
- Smaller acceptance targets = increased NCRs = bad optics for Management



Project Office: Collaborative Environment

- Field staff and management staff in **one location**
- Taking advantage of **communication** opportunities from being under the same roof





Questions?



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