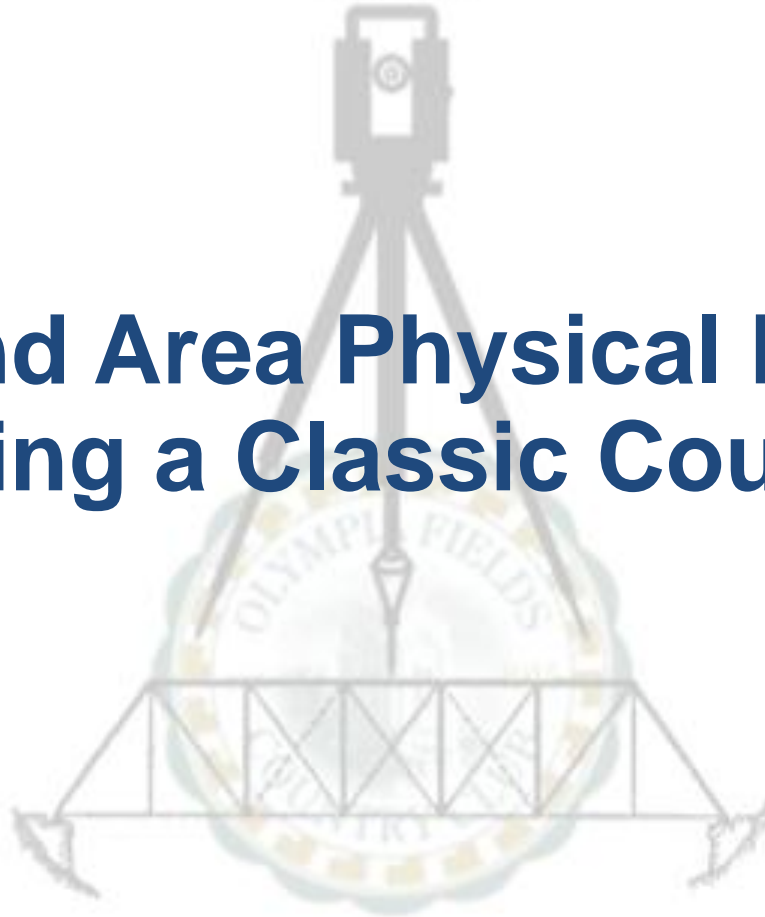


I PRO 320

Cottage and Area Physical Modeling for Enhancing a Classic Country Club



The Problems



The Problems



Project Goals

- Surveying
- Drawing
- Digital Modeling
- Designing
- Engineering
- Publishing

Team Organization

Drawing Team

Timothy Biel
Alisa Holm
Jill Ishii
Chris LaMarca
Bill Lange
Elizabeth Mauban
Coral Pais

Capstone Team

Joshua Bradley
Daniel Gima
Jenelle Hill
Carolyn Kois
Angela Ng

Design Team

Leonard Gill
Melissa Hold
Bill Matuszak
Grant Mosey
Trevor O'Keefe

Progress Towards Goals – Surveying

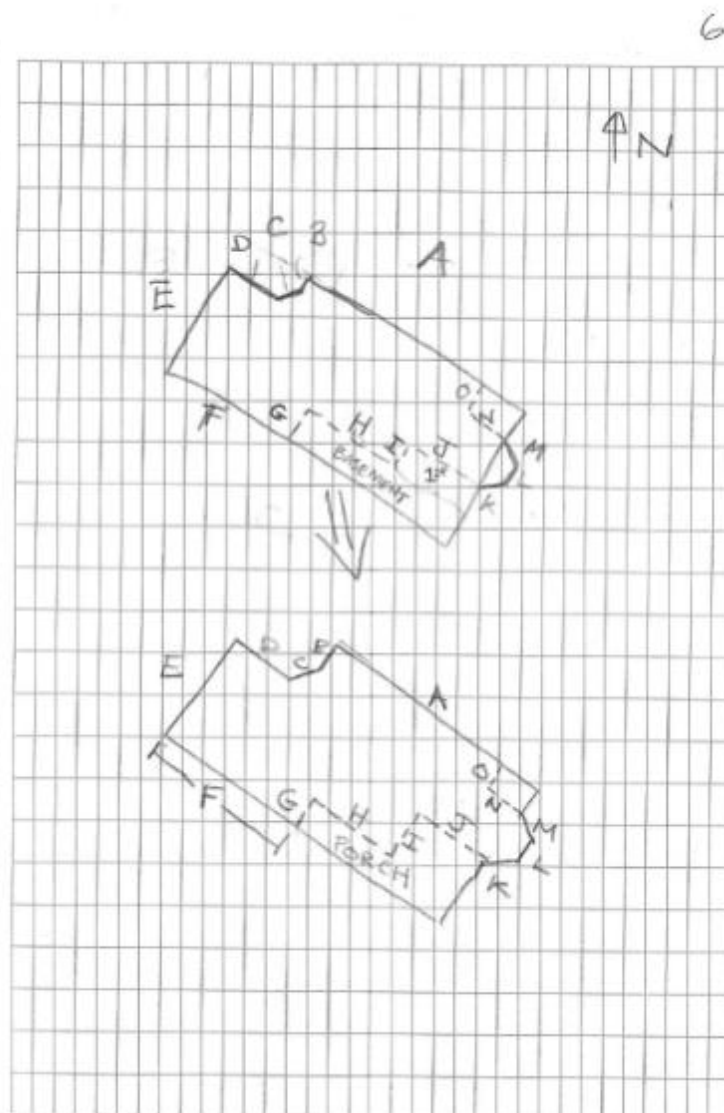
6

HOUSE	20	(16)	
	FT	IN	
A	30	10	
B	3	8	
C	3	2	
D	8	7	
E	33	10	
F	18	2	
G	8	0	
H	21	2	
I	13	6	
J	10	2	
K	5	5	
L	5	1	
M	5	6	
N	10	0	
O	5	9	

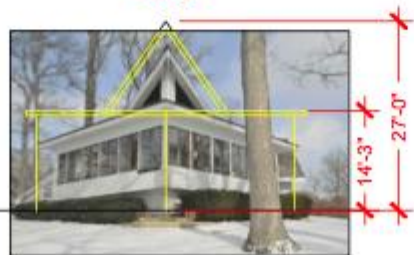
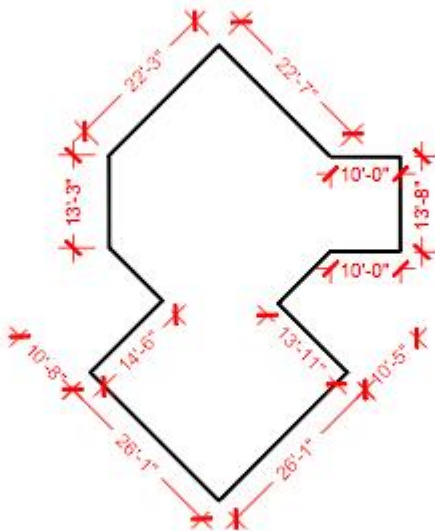
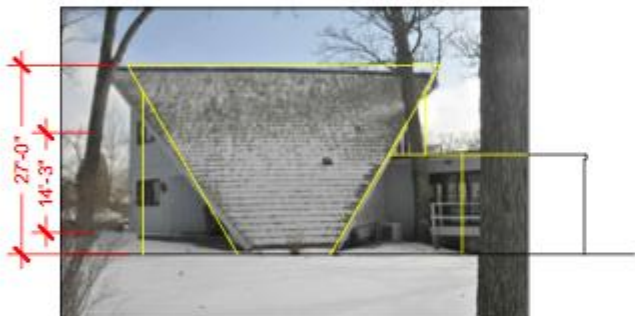
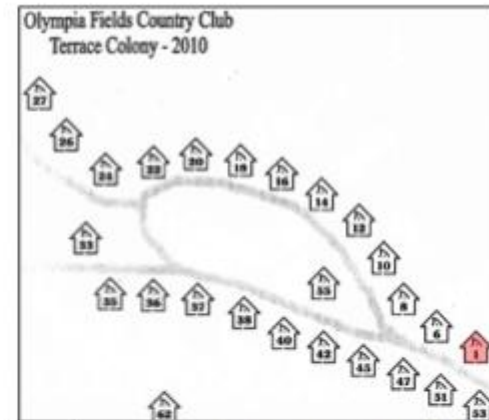
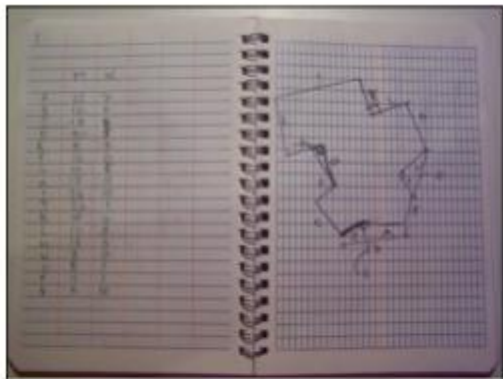
1/13/11

RECORDER: A. NG
TAPE MEASURER: J. BRADLEY

* SEE PG. 4



Progress Towards Goals – Drawing

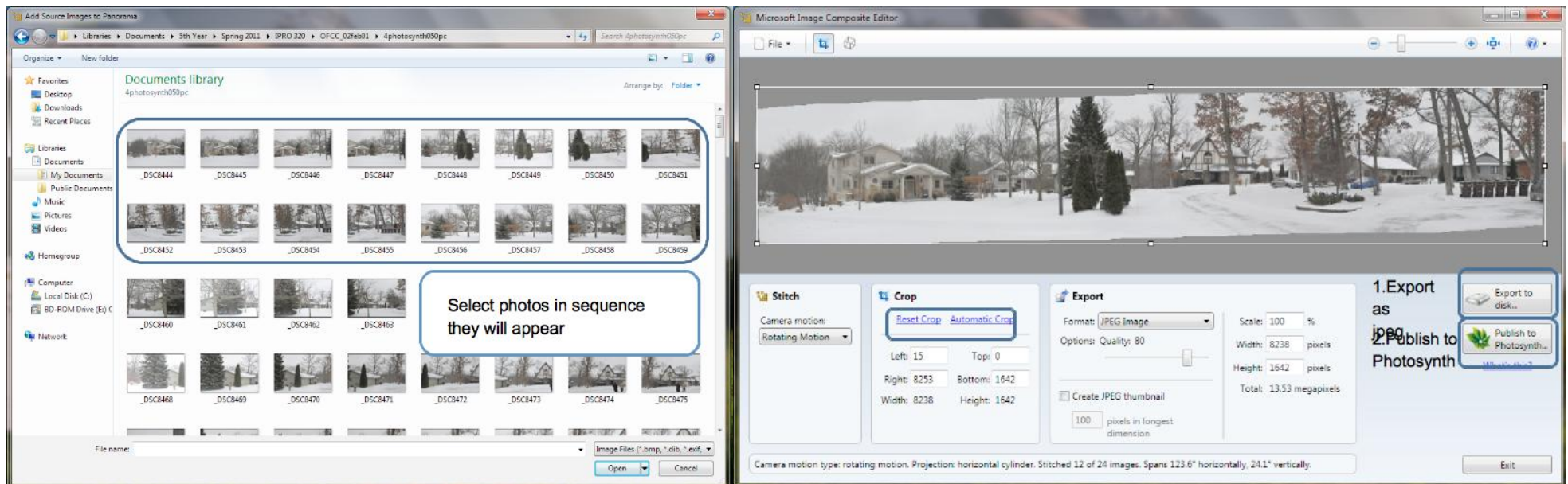


Notes:

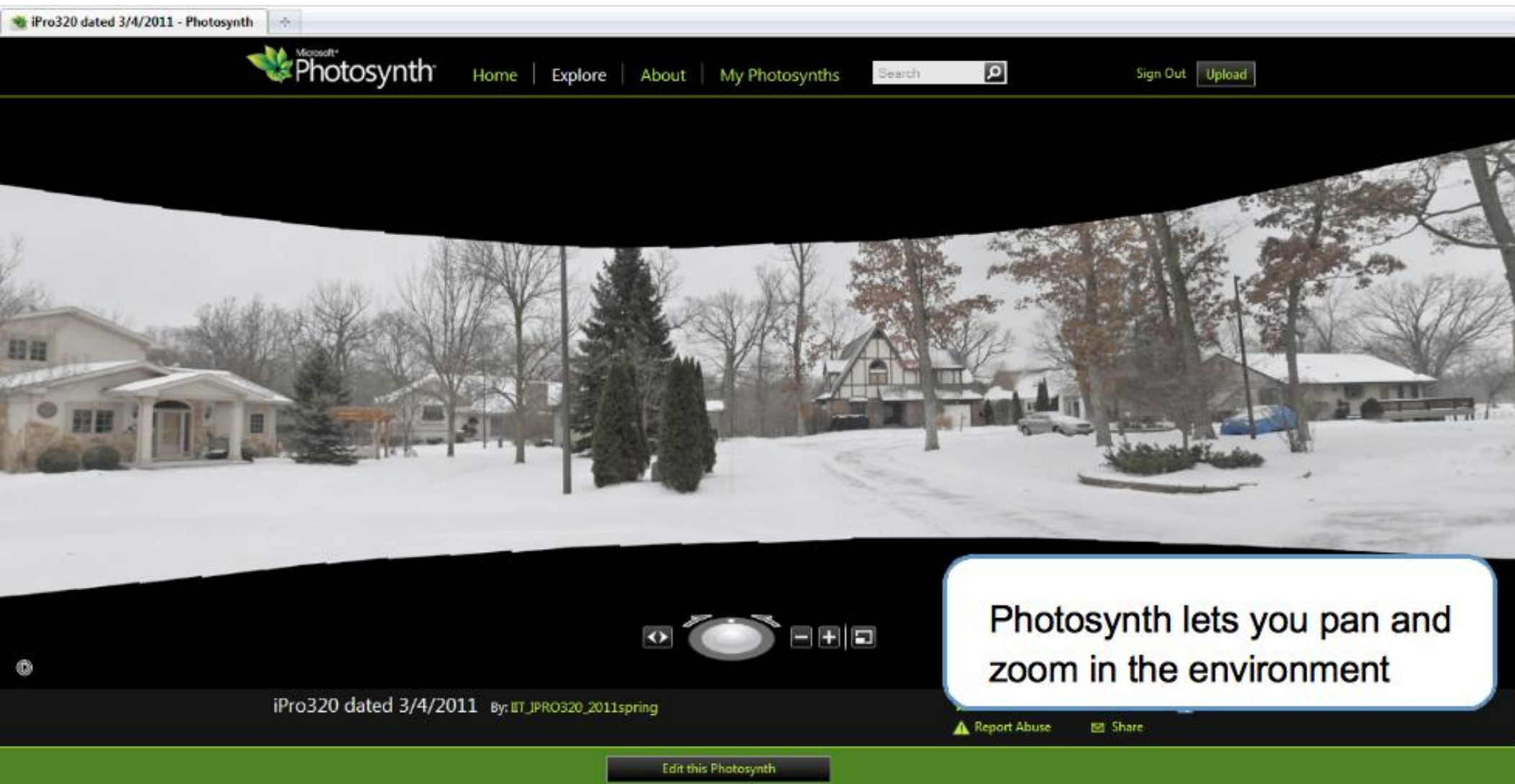
Measured Space: _____
 Course Level: 0 sq. ft.
 Road Level: 1,604 sq. ft.
 Floors Above Road Level: 540 sq. ft.
 Total: 2,104 sq. ft.
 Estimated Volume: 16,832 cu. ft.
 Aerial Estimate: 2,082 sq. ft.

Cottage 1 Last revised 2/17/11 by William Lange	Olympia Fields Country Club 2800 Country Club Drive Olympia Fields, IL 60461
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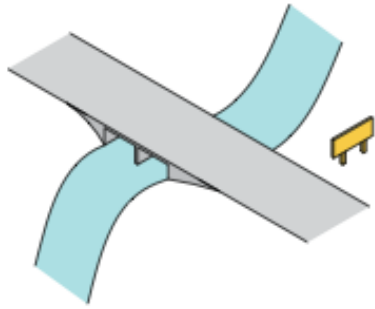
Progress Towards Goals – Digital Modeling



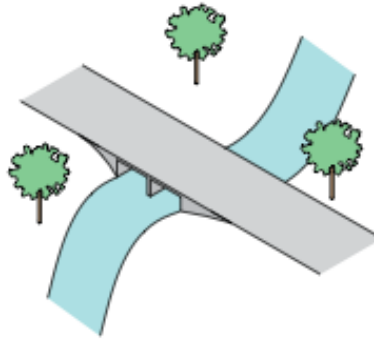
Progress Towards Goals – Digital Modeling



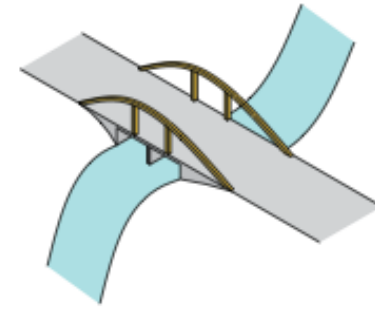
Progress Towards Goals – Design



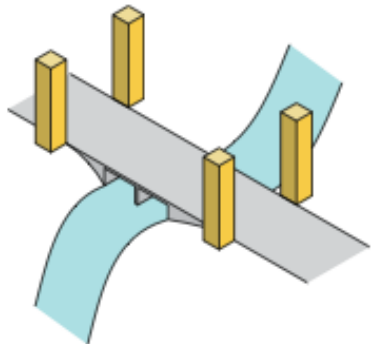
the sign



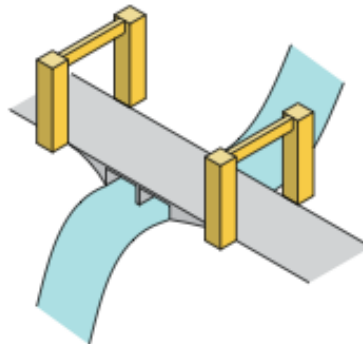
the landscape



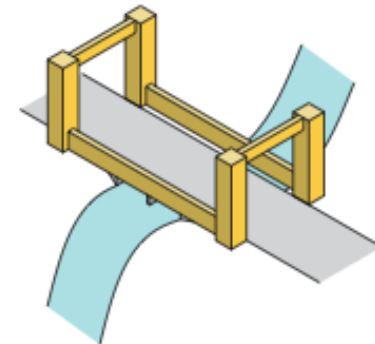
the cart bridge



the pillars

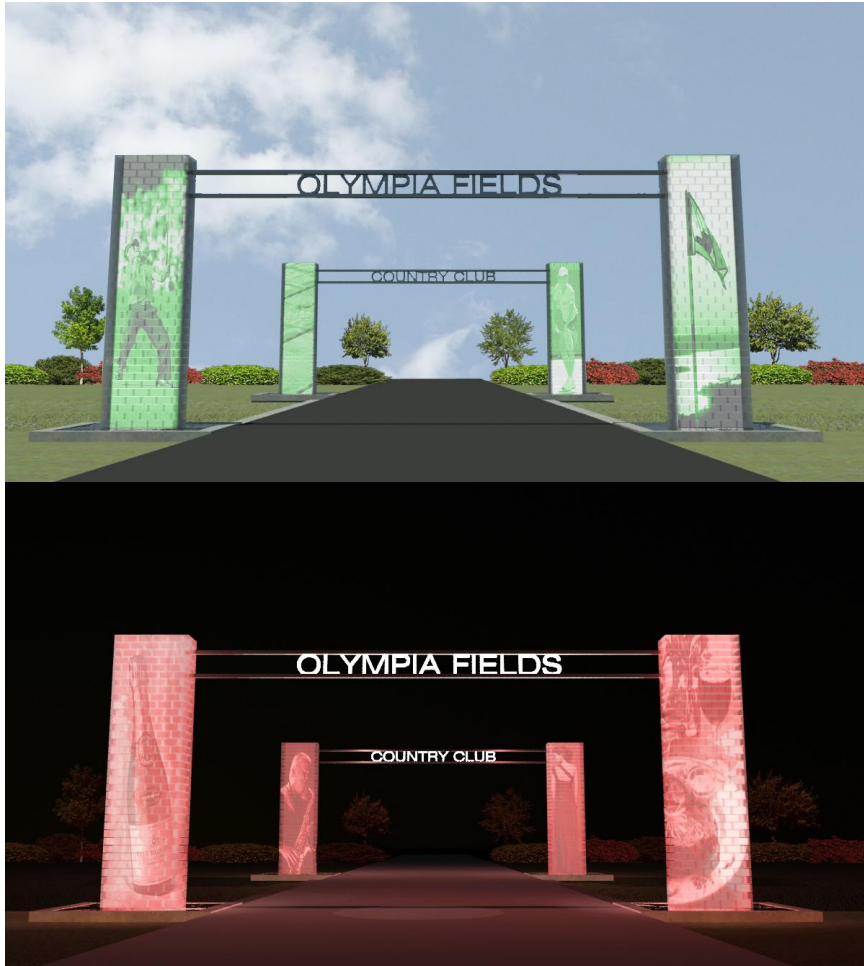


the arches

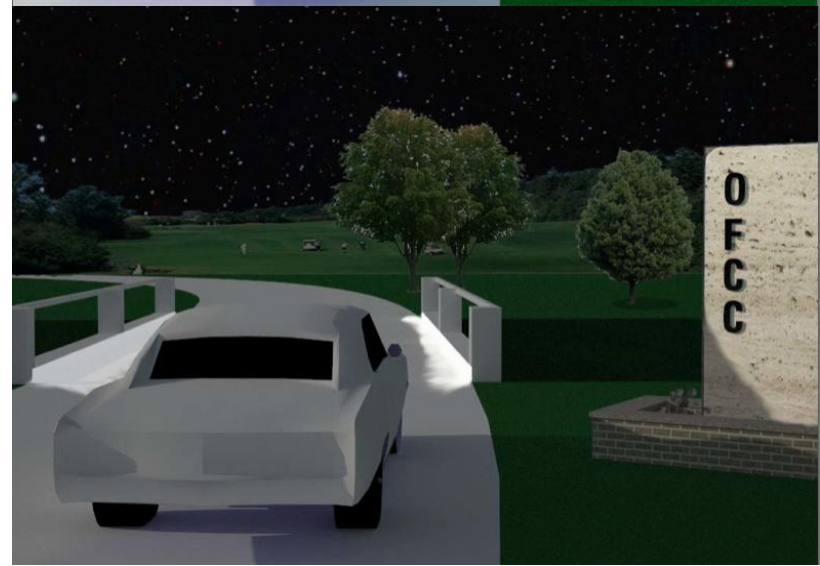
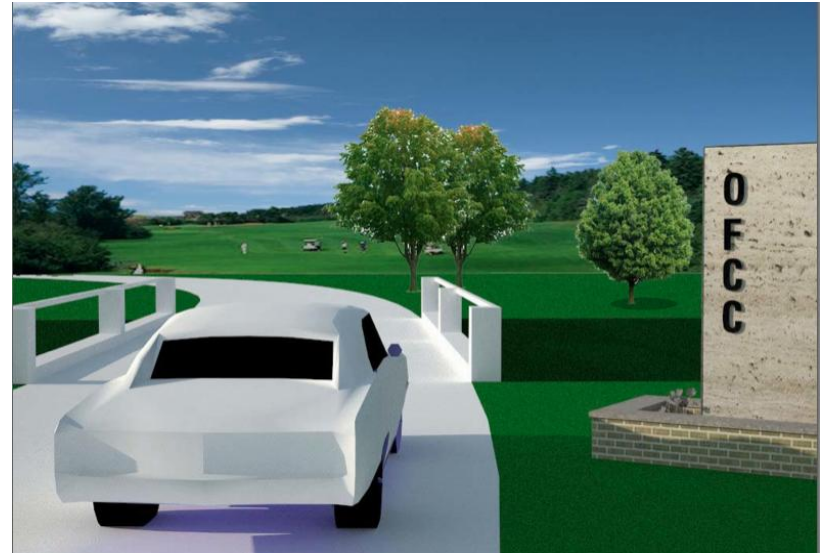


the arches/gaurdrails

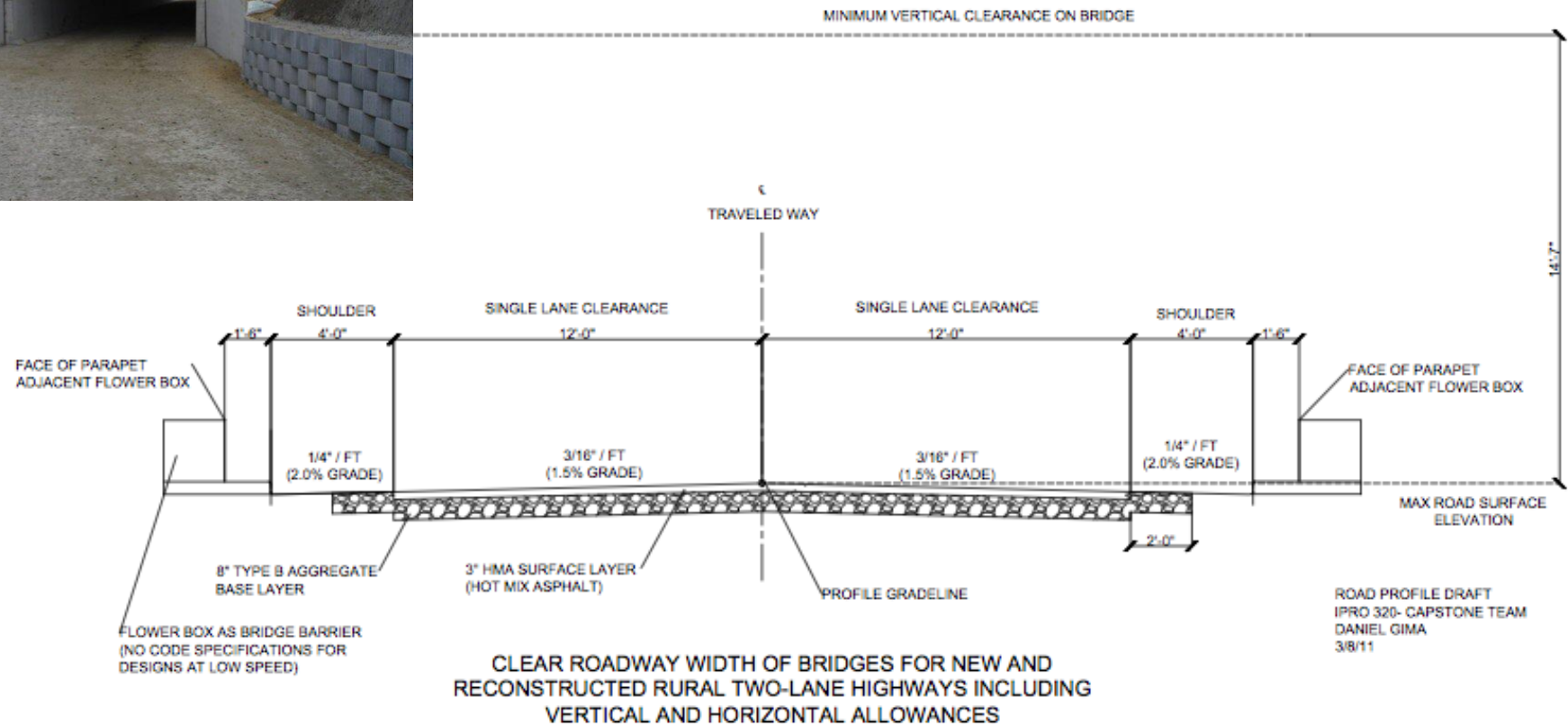
Progress Towards Goals – Design



Progress Towards Goals – Design



Progress Towards Goals – Engineering

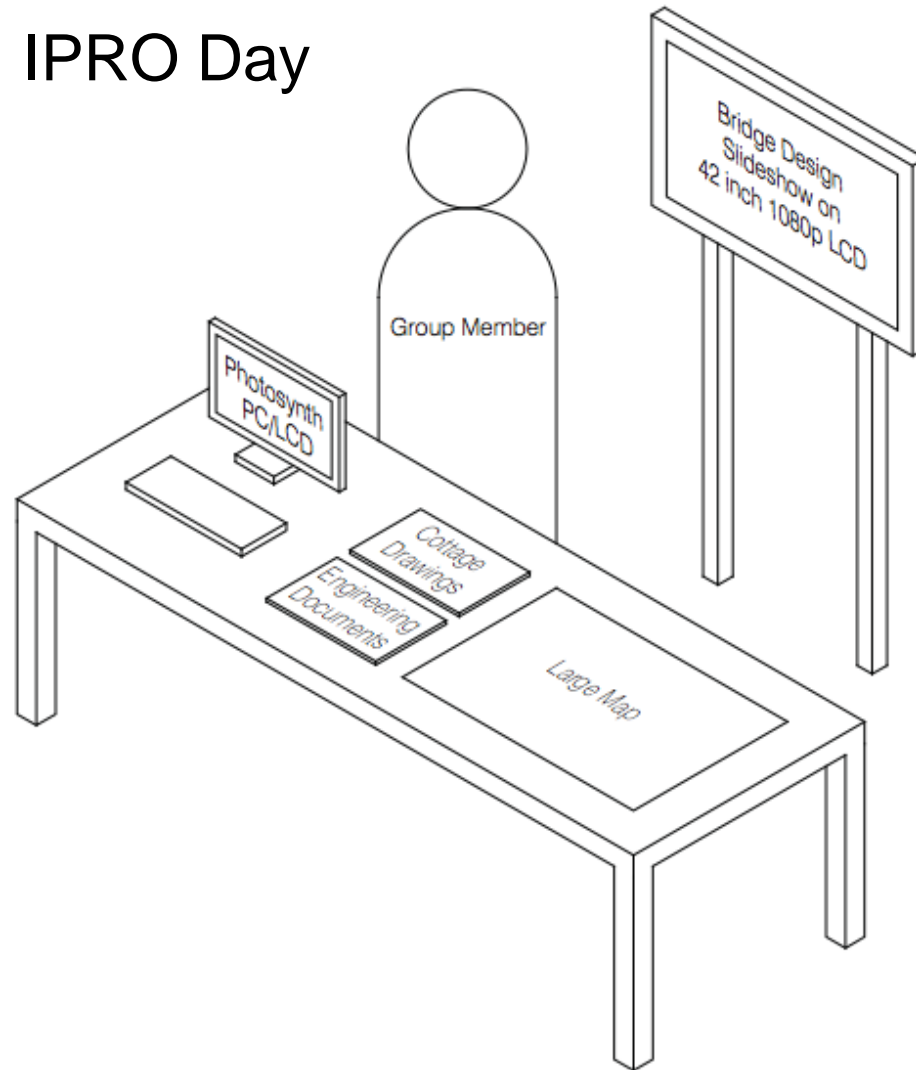


Major Obstacles Encountered

- Lack of background knowledge of code and specific requirements for vehicular bridge design
- Disparate levels of progress between intra-IPRO groups
- Inadequate data sharing provisions with regards to cottage field data (not enough space on iGroups)
- Inefficient parallel work with Robinson Engineering
- Photosynth operability confusion

Anticipated Major Challenges

I PRO Day



Any Questions?