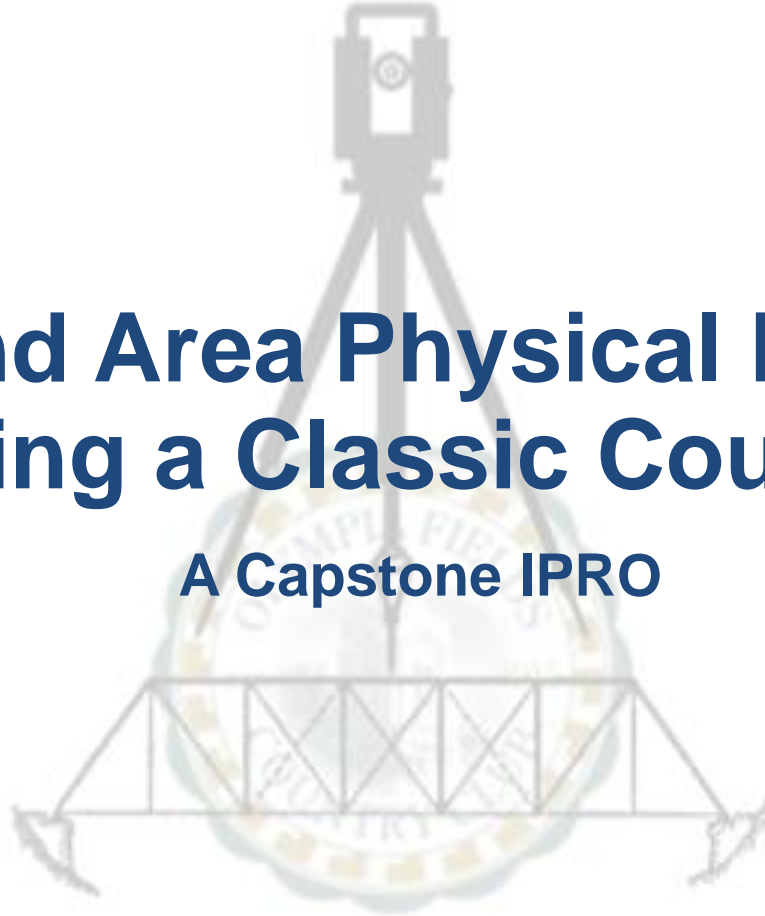


IPRO 320

# Cottage and Area Physical Modeling for Enhancing a Classic Country Club

A Capstone IPRO



# The Bridge

**I P R O** 320



Introduction – Surveying – Team Organization – Photosynth – Drawings – Prelim. Design  
Design Collaboration – Engineering – Final Bridge Design – Property Line Proposal



# The Cottages

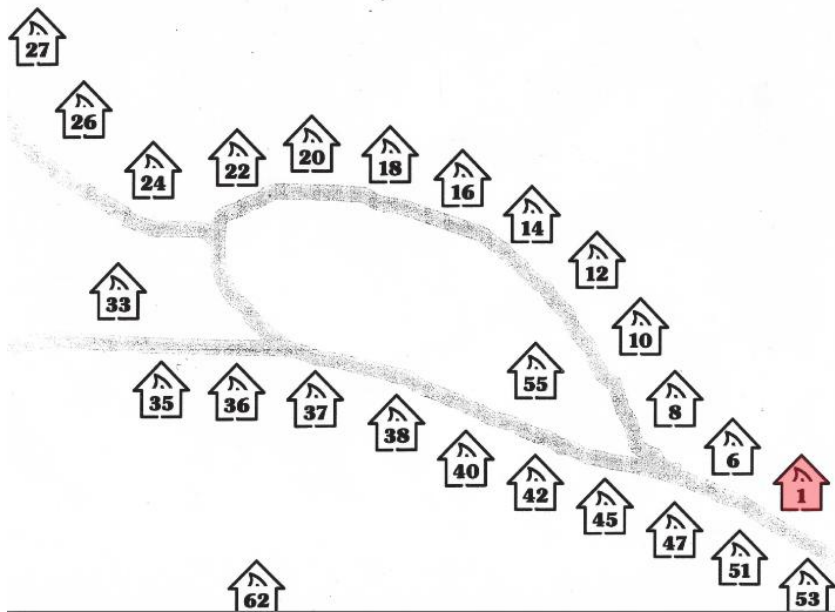
**I P R O** 320



Introduction – Surveying – Team Organization – Photosynth – Drawings – Prelim. Design  
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# Surveying

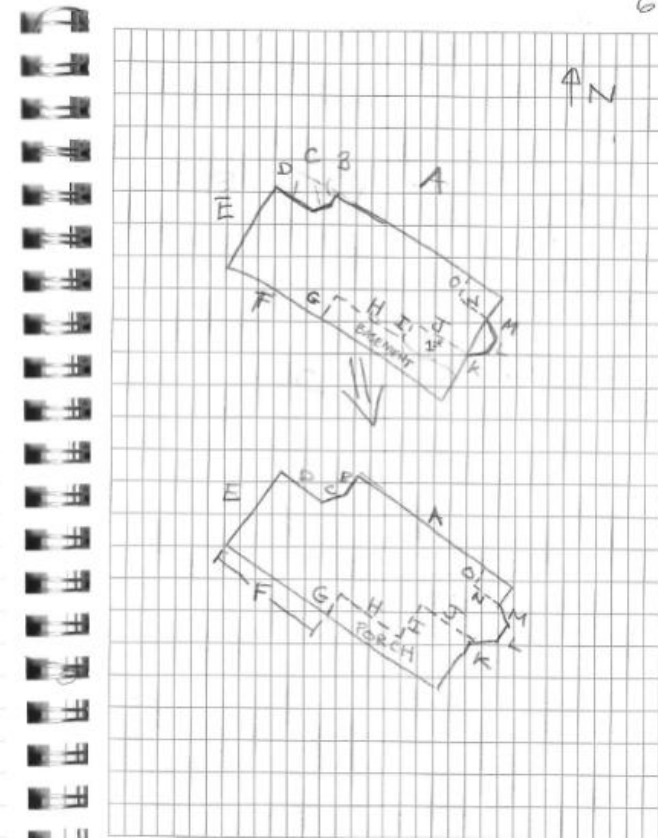
## Olympia Fields Country Club Terrace Colony - 2010



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		

RECORDER: A. NG  
TAPE MEASURER: J. BRADLEY

X SEE PG. 4



Introduction – **Surveying** – Team Organization – Photosynth – Drawings – Prelim. Design  
Design Collaboration – Engineering – Final Bridge Design – Property Line Proposal

# IPRO Team

# 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

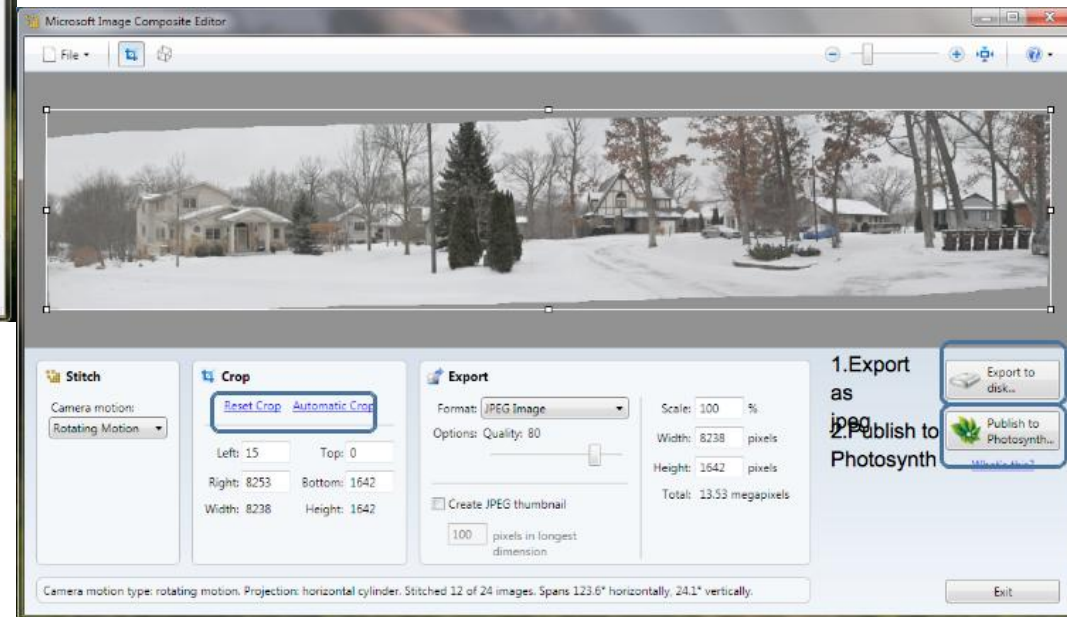
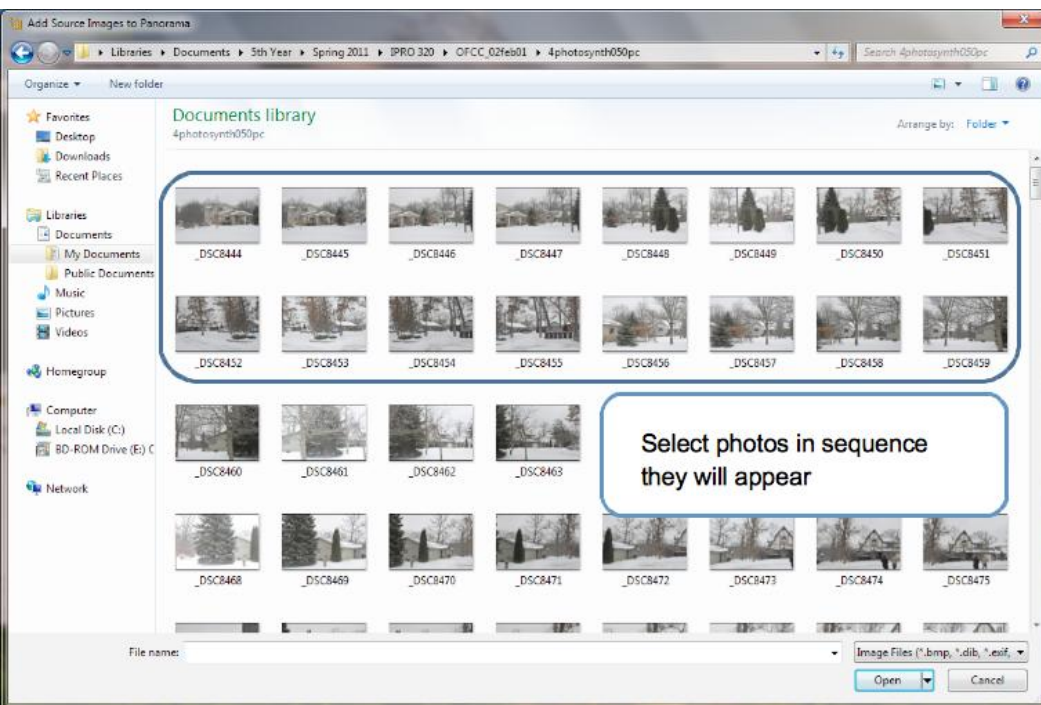
Introduction – Surveying – Team Organization – Photosynth – Drawings – Prelim. Design  
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**Drawing Team – Design Team – Capstone Team**



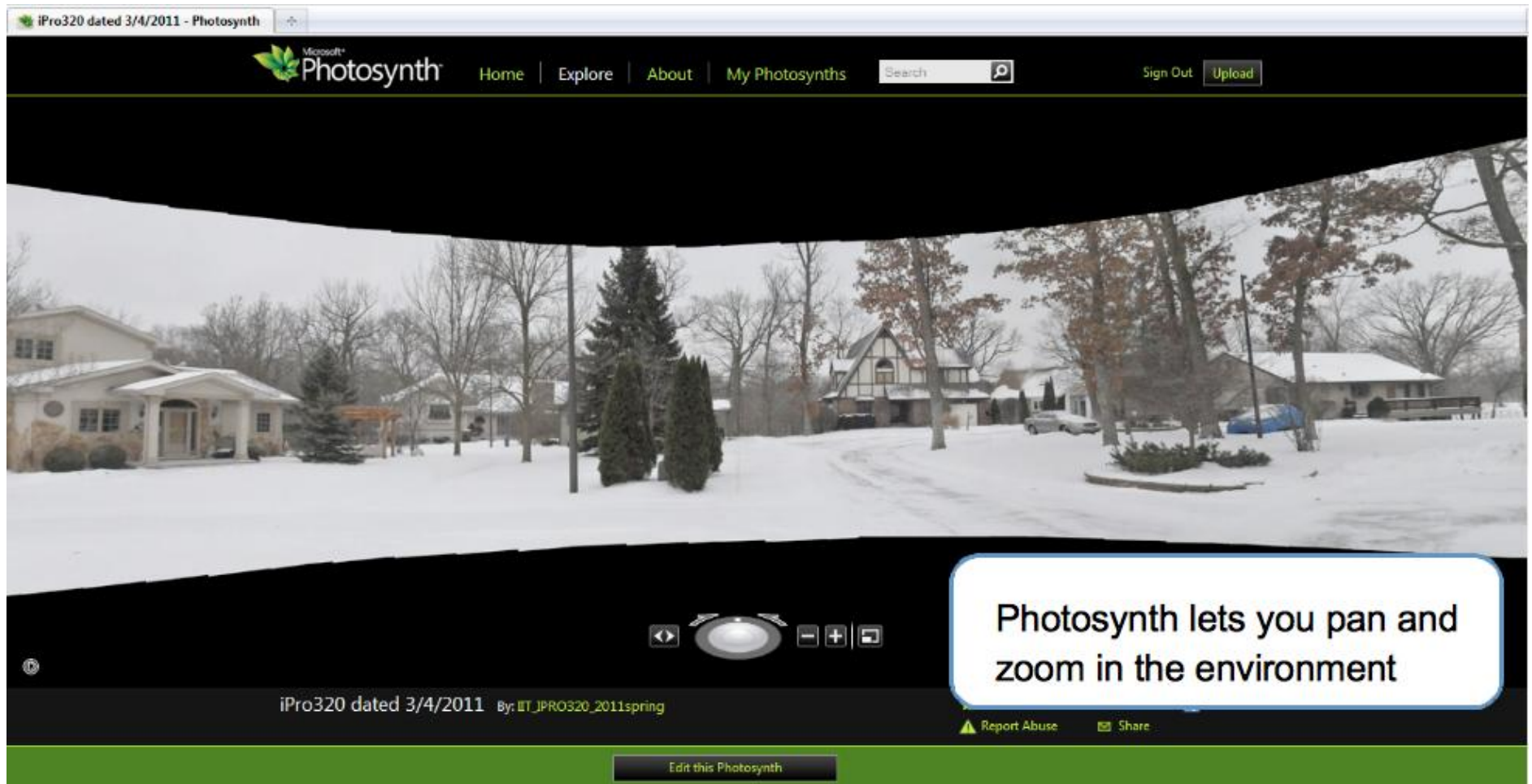
# Photosynth

**I PRO 320**



Introduction – Surveying – Team Organization – Photosynth – Drawings – Prelim. Design  
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**Drawing Team – Design Team – Capstone Team**

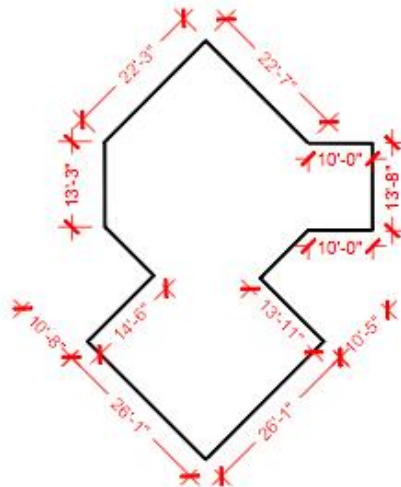
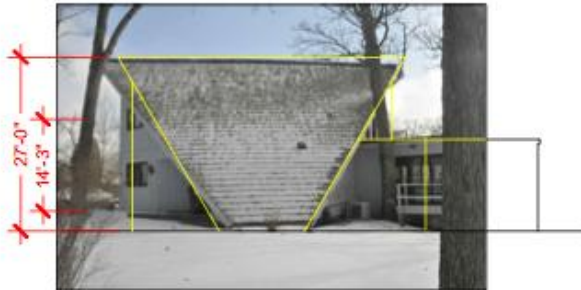
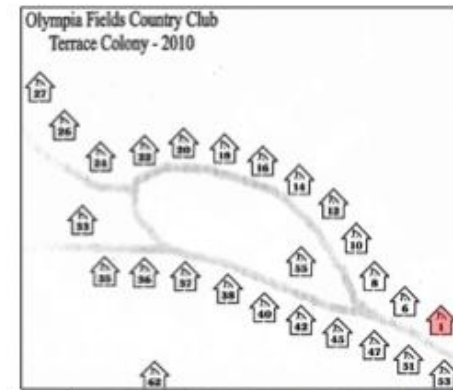
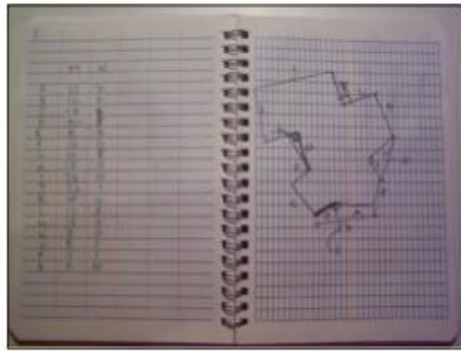


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# Drawings

**I PRO 320**



Notes:



Measured Space: \_\_\_\_\_  
Course Level: \_\_\_\_\_ 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.

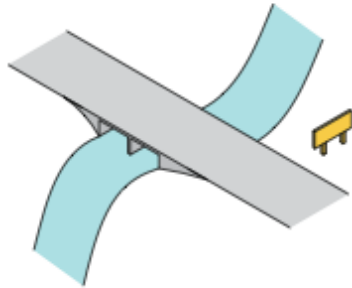
Cottage 1	
Last revised 2/17/11 by William Lange	Olympia Fields Country Club 2800 Country Club Drive Olympia Fields, IL 60461

Introduction – Surveying – Team Organization – Photosynth – Drawings – Prelim. Design  
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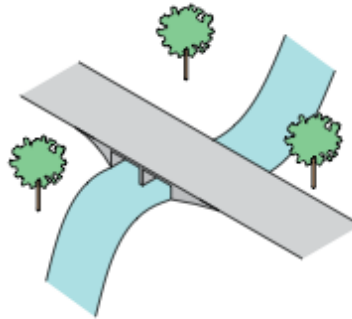
**Drawing Team** – Design Team – Capstone Team



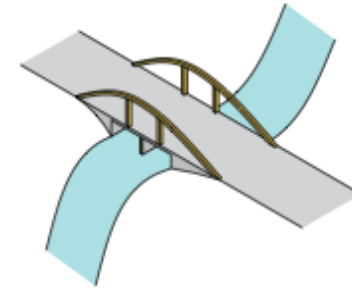
# Preliminary Design



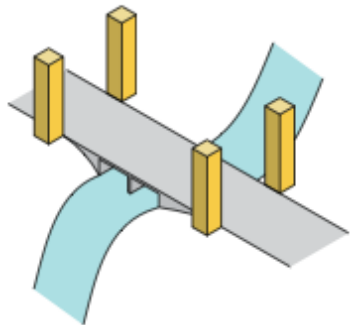
the sign



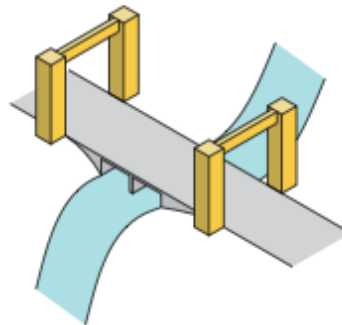
the landscape



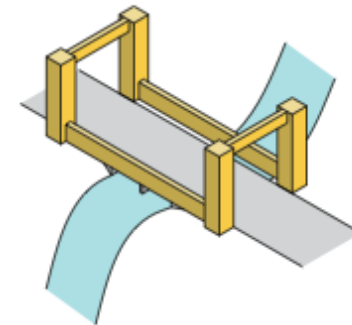
the cart bridge



the pillars



the arches

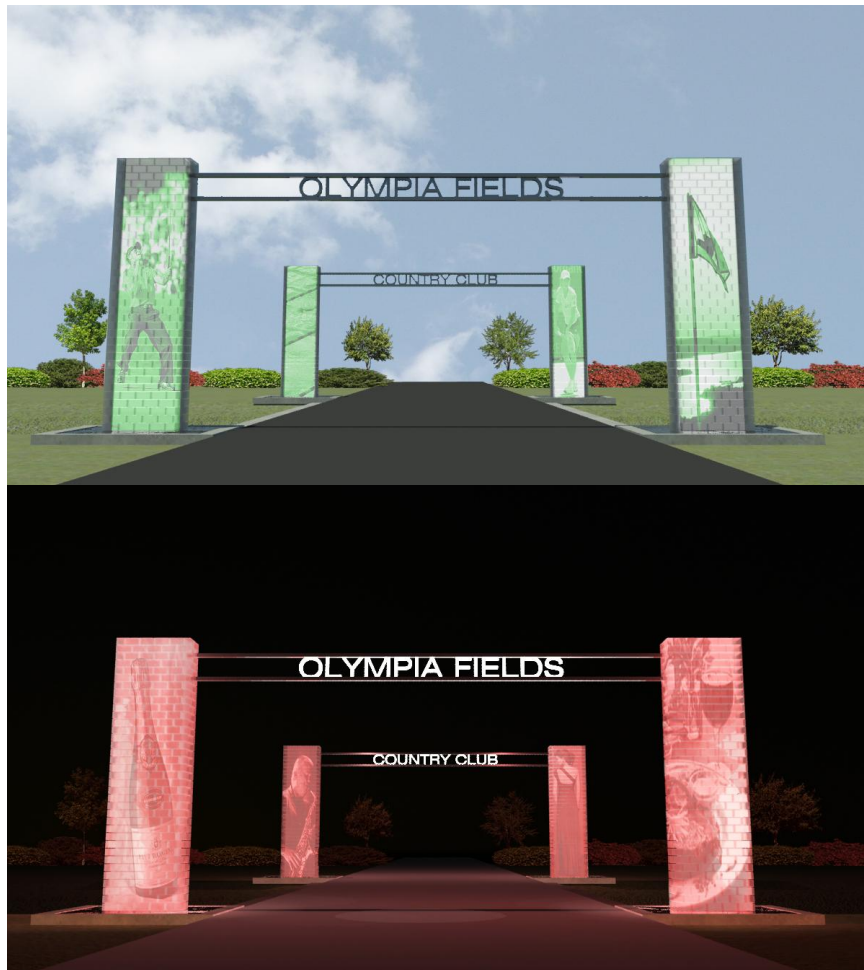


the arches/gaurdrails

Introduction – Surveying – Team Organization – Photosynth – Drawings – Prelim. Design  
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Drawing Team – **Design Team** – Capstone Team

# Preliminary Design

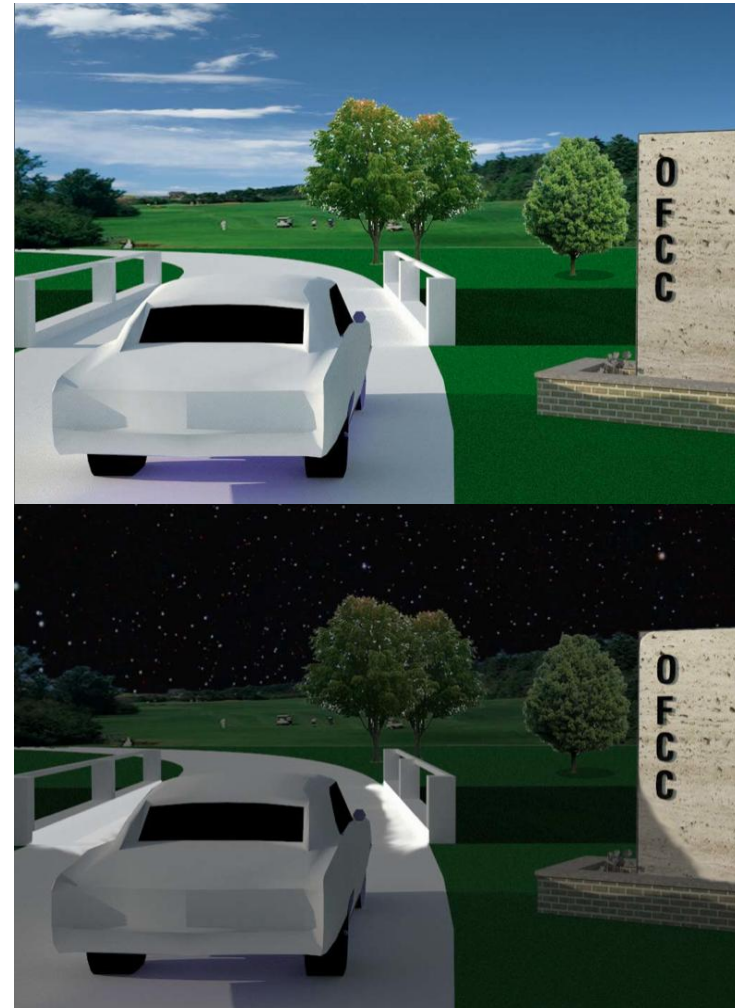
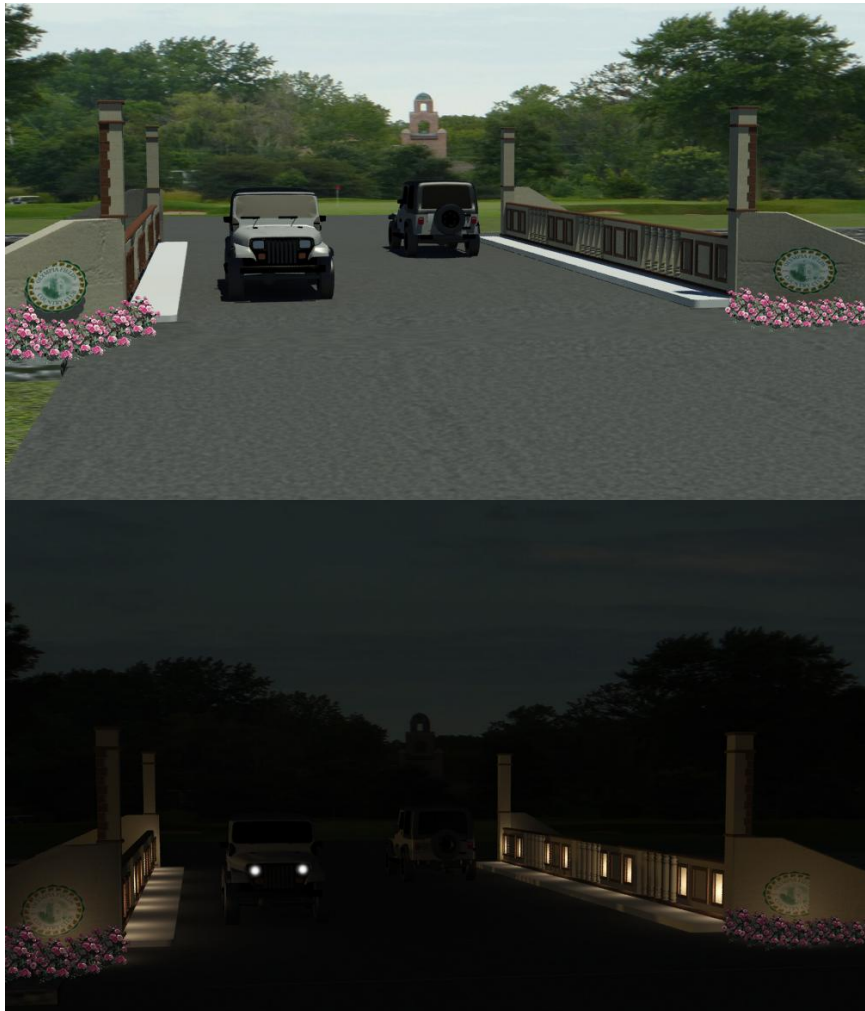


Introduction – Surveying – Team Organization – Photosynth – Drawings – Prelim. Design  
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Drawing Team – **Design Team** – Capstone Team

# Preliminary Design

**I P R O** 320



Introduction – Surveying – Team Organization – Photosynth – Drawings – Prelim. Design  
Design Collaboration – Engineering – Final Bridge Design – Property Line Proposal

Drawing Team – **Design Team** – Capstone Team



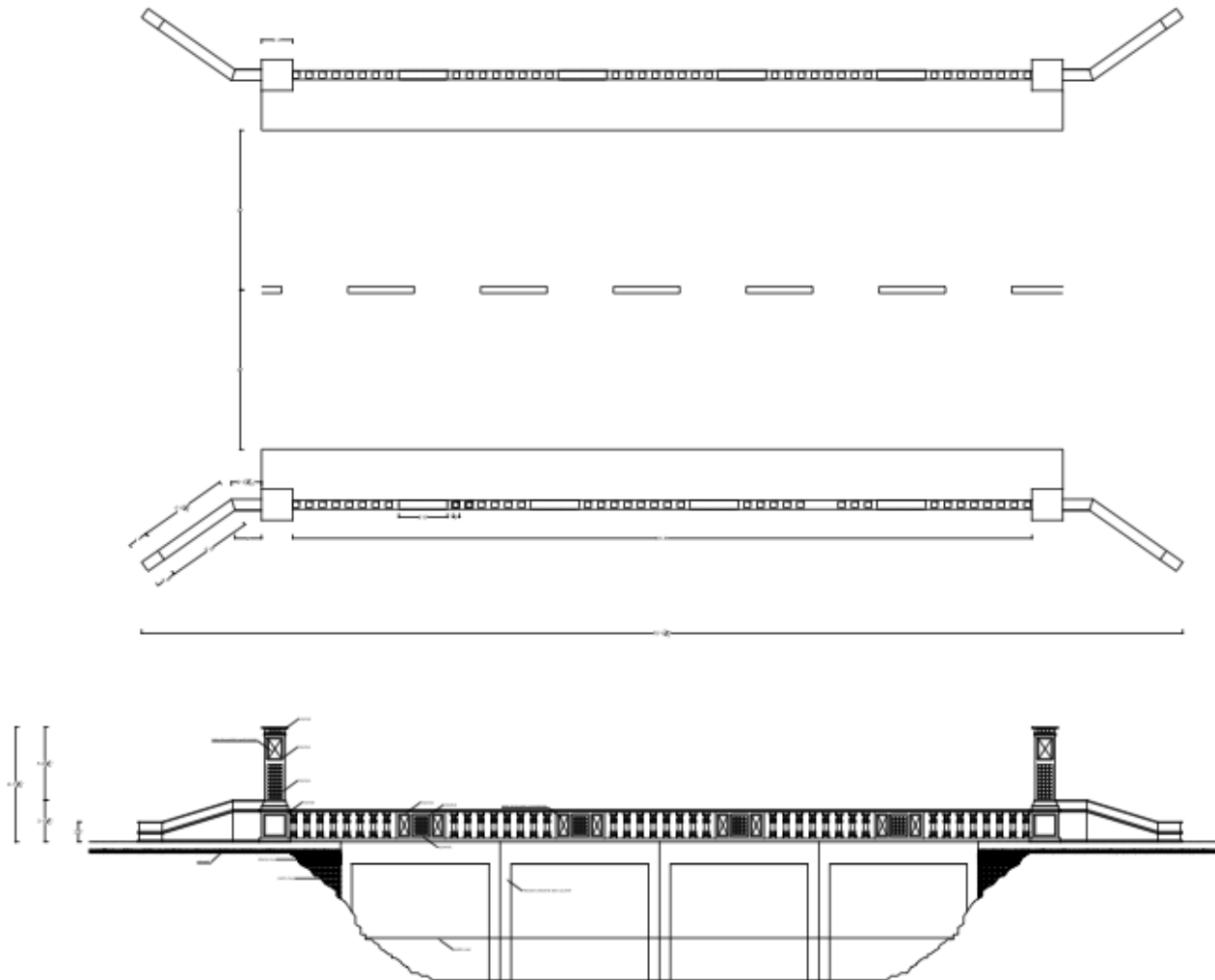


Introduction – Surveying – Team Organization – Photosynth – Drawings – Prelim. Design  
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**Drawing Team – Design Team – Capstone Team**

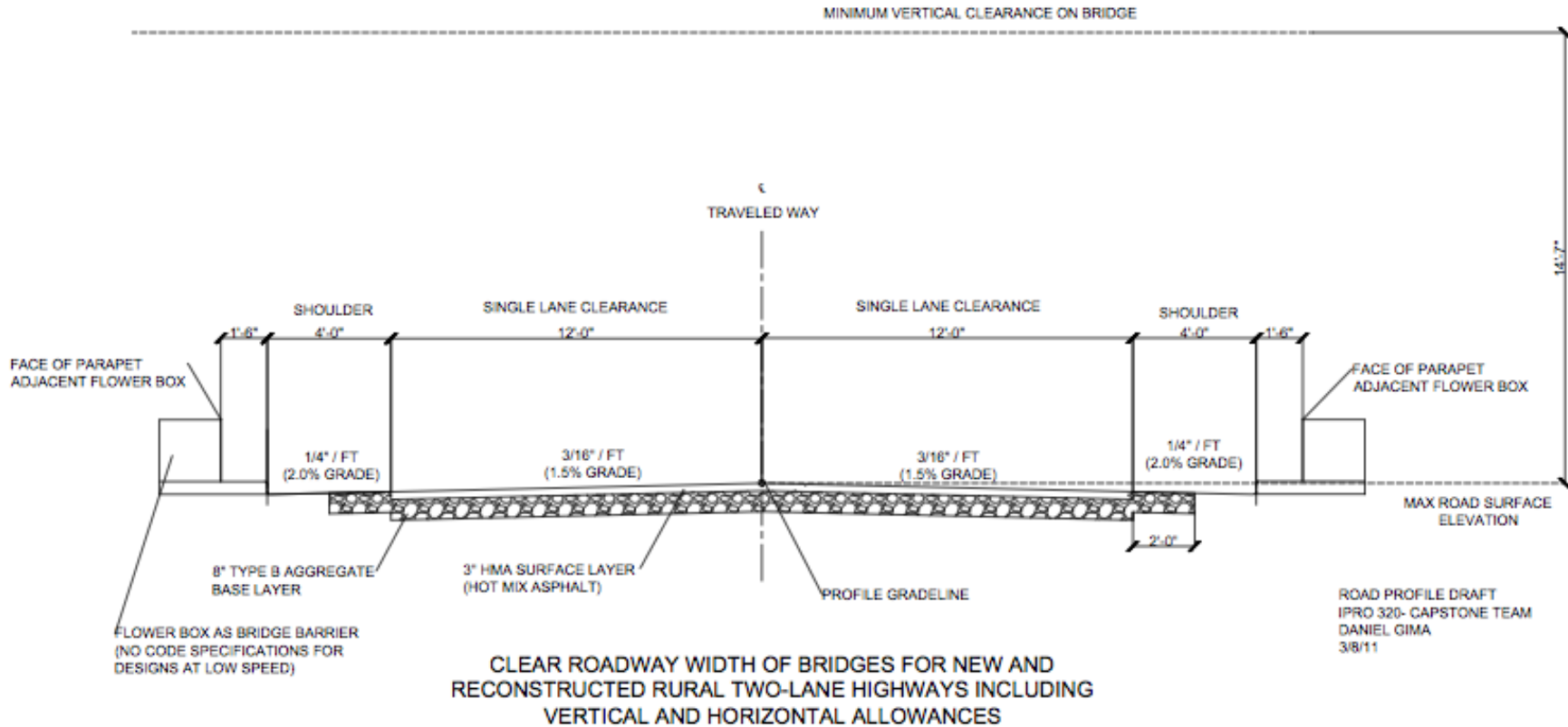
# Design Collaboration

**I P R O 320**



Introduction – Surveying – Team Organization – Photosynth – Drawings – Prelim. Design  
Design Collaboration – Engineering – Final Bridge Design – Property Line Proposal

Drawing Team – **Design Team** – Capstone Team



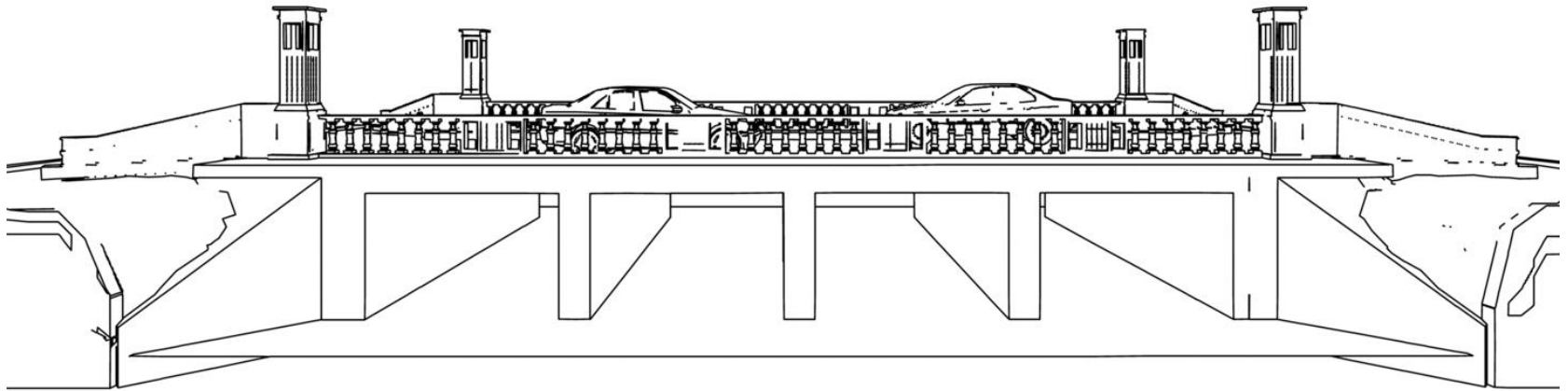
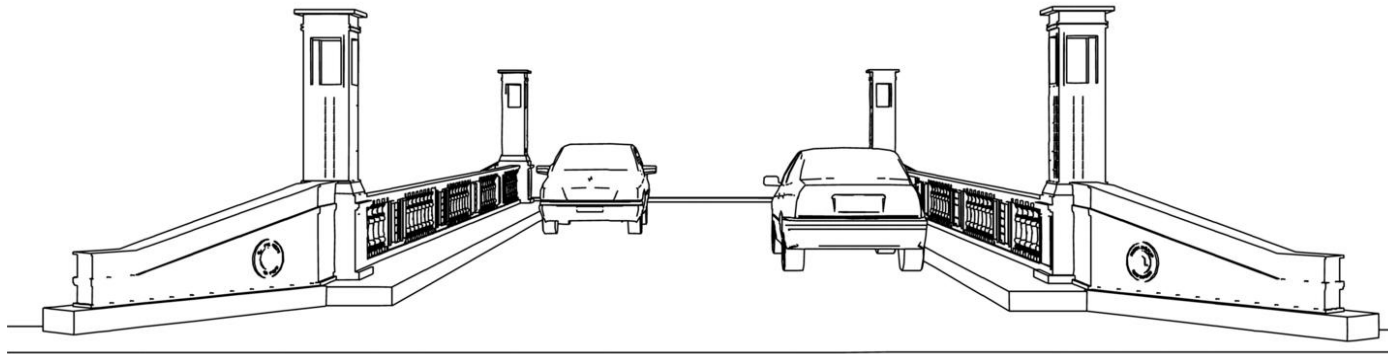
Introduction – Surveying – Team Organization – Photosynth – Drawings – Prelim. Design  
Design Collaboration – **Engineering** – Final Bridge Design – Property Line Proposal

Drawing Team – Design Team – **Capstone Team**



# Final Bridge Design

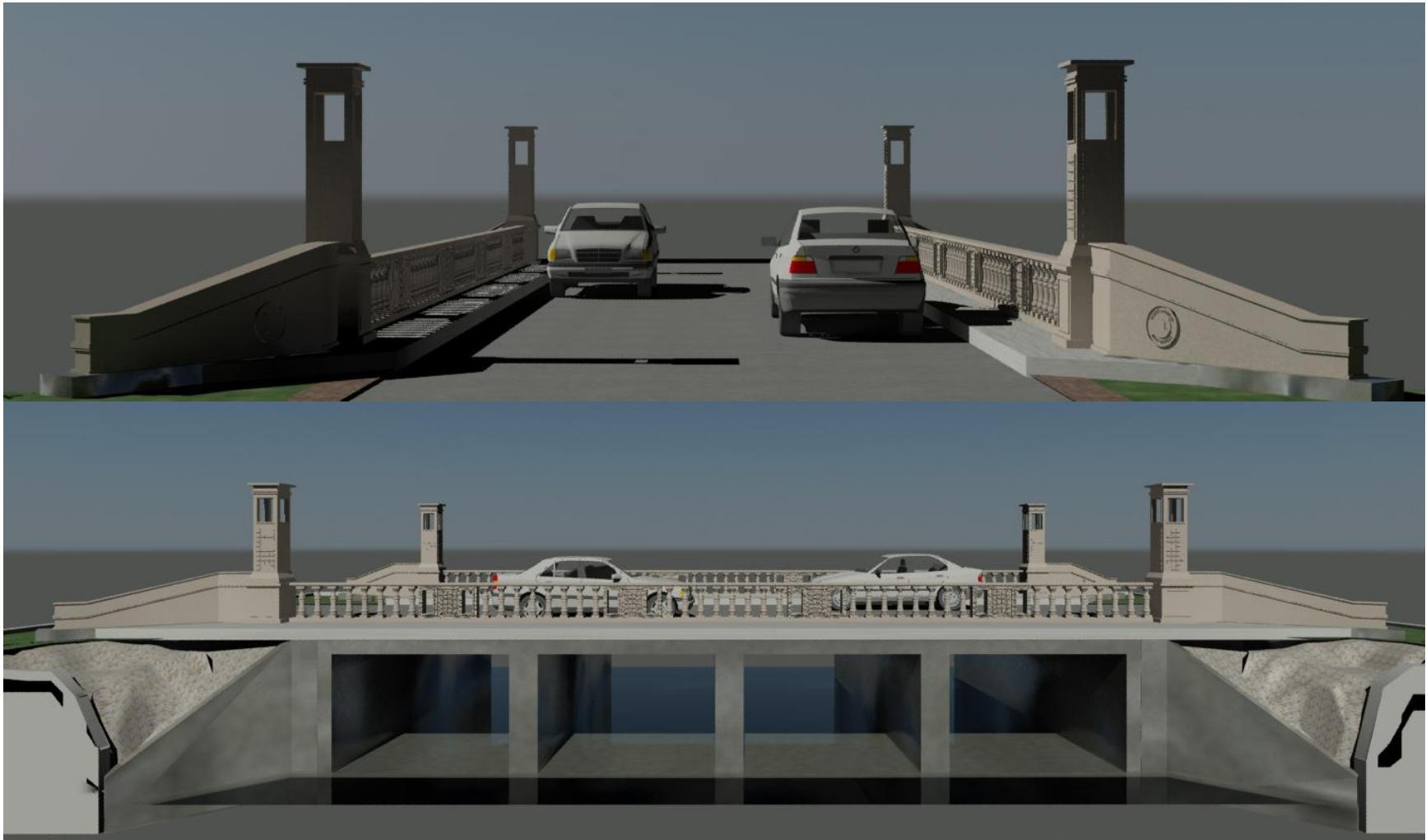
**I P R O** 320



Introduction – Surveying – Team Organization – Photosynth – Drawings – Prelim. Design  
Design Collaboration – Engineering – **Final Bridge Design** – Property Line Proposal

Drawing Team – **Design Team** – Capstone Team

# Final Bridge Design



Introduction – Surveying – Team Organization – Photosynth – Drawings – Prelim. Design  
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Drawing Team – **Design Team** – Capstone Team

# Property Lines



Introduction – Surveying – Team Organization – Photosynth – Drawings – Prelim. Design  
Design Collaboration – Engineering – Final Bridge Design – Property Line Proposal

**Drawing Team** – Design Team – Capstone Team



# Acknowledgments

## Special Thanks to-

Robinson Engineering  
Anderson  
Collins Engineering

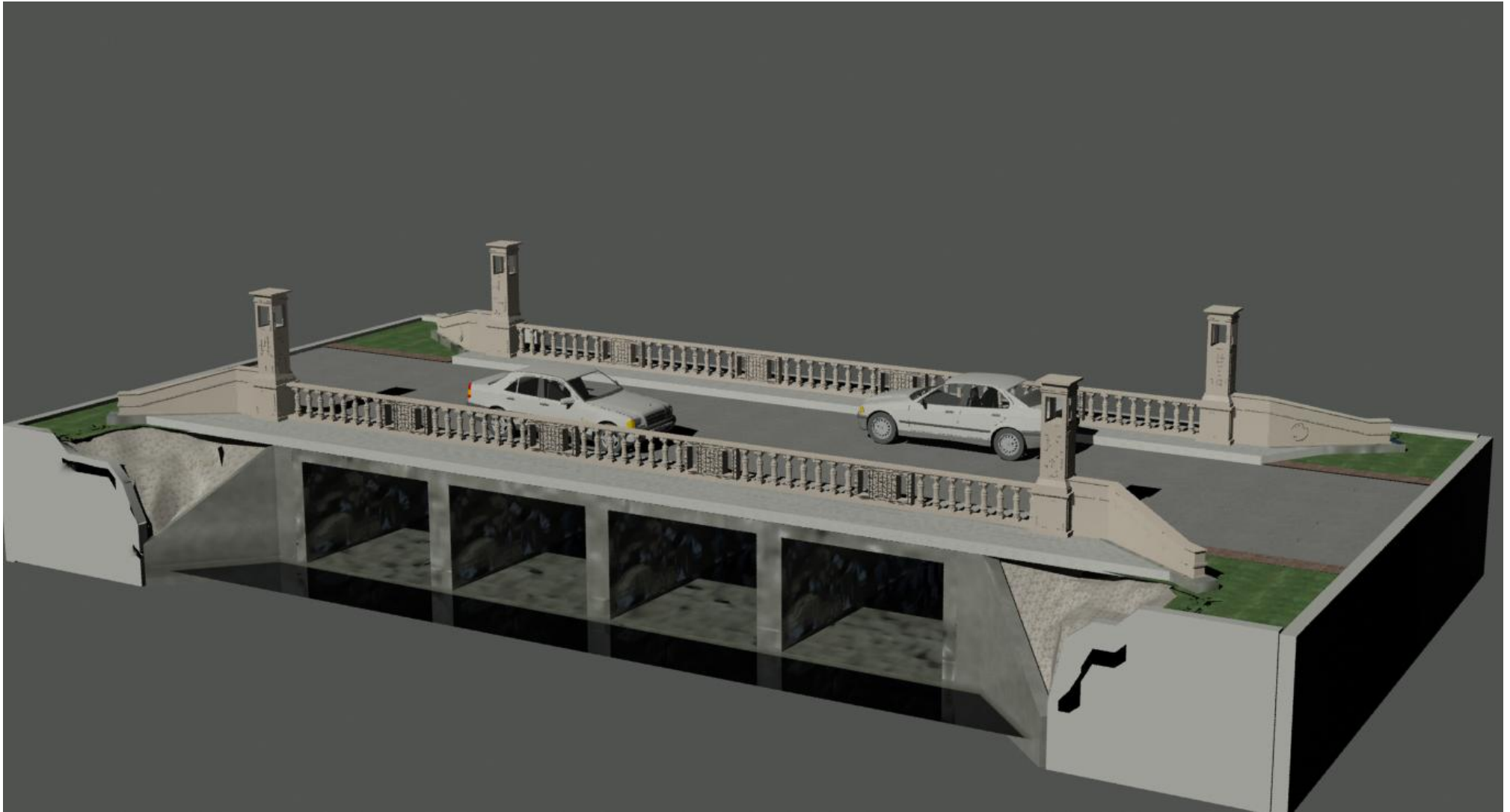
Professor Paul

Scott Beslow

Olympia Fields Country Club

The IDEA Shop

Introduction – Surveying – Team Organization – Photosynth – Drawings – Prelim. Design  
Design Collaboration – Engineering – Final Bridge Design – Property Line Proposal  
Drawing Team – Design Team – Capstone Team



**I PRO 320**