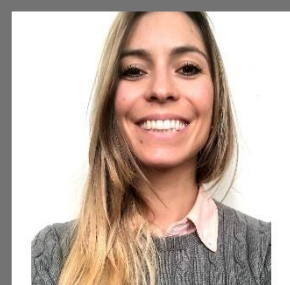




CBIPS STV Practicum Introduction



Marilisa Stigliano - *VP, Director of Project Support, Corporate Operations*



Elisabetta Barzi – *Digital Integration Consultant*

Marilisa Stigliano



Marilisa Stigliano - VP,
*Director of Project Support, Corporate
Operations*

Education

B.S. Civil Engineering – La
Sapienza University of Rome

M.S. Civil Engineering – Structure
– La Sapienza University of
Rome

M.S. Construction Engineering
and Management – Columbia
University

Honors

Board of Directors – New York
Building Congress

Advisory Board – CBIPS

Qualifications + Accreditation

Project Management Professional
(PMP)

PMI Agile Certified Practitioner
(PMI-ACP)

Design-Build Institute of America
Certified Professional

Elisabetta Barzi



Elisabetta Barzi –
Digital Integration Consultant

Education

B.S. Civil Engineering – Alma Mater Studiorum, Bologna

M.S. Structural Engineering – Alma Mater Studiorum, Bologna

Experience

Deputy Project Manager, AECOM-
January 2020 – May 2022

Digital Integration Consultant, STV
– June 2022 – Present

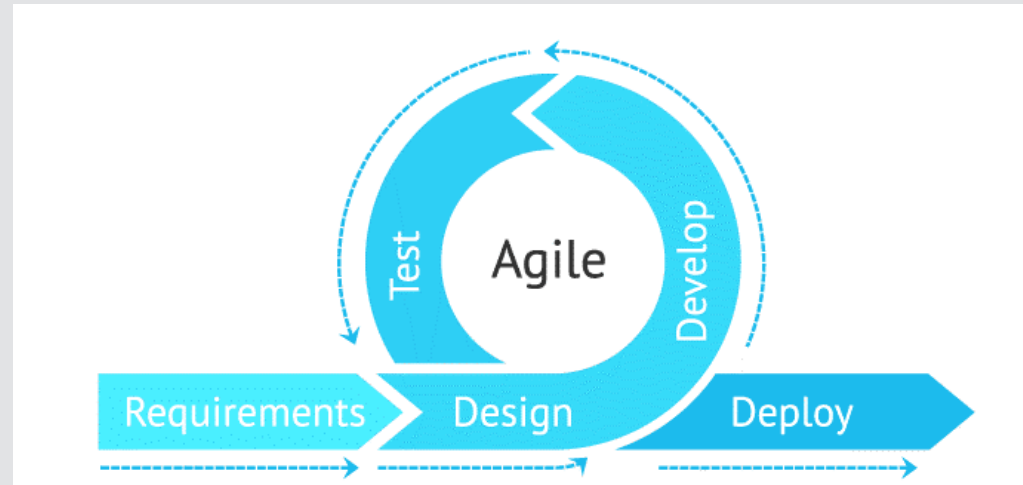
Qualifications

Envision Sustainability
Professional –ENV SP

Data Analysis for Managers –
SDA Bocconi

AGILE PROJECT MANAGEMENT

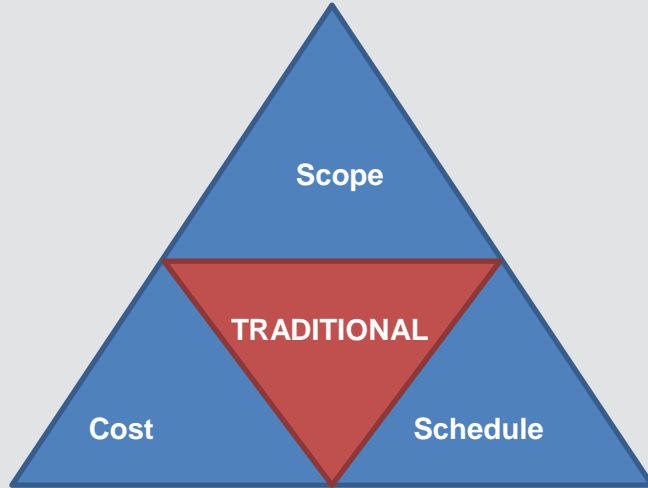
What is Agile Project Management?



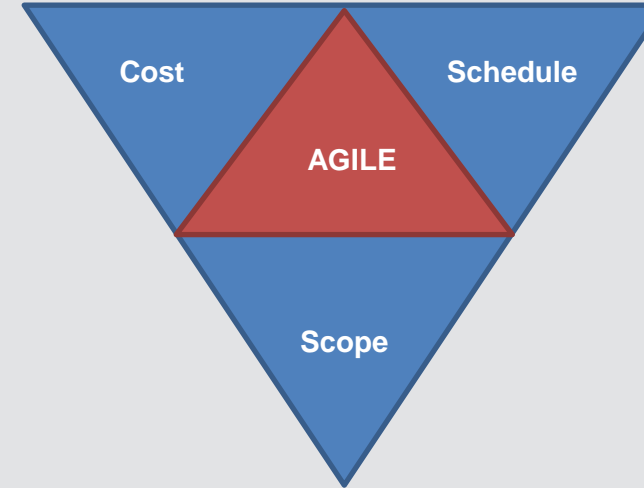
What are the advantages of Agile Project Management?



AGILE VS. TRADITION PROJECT MANAGEMENT

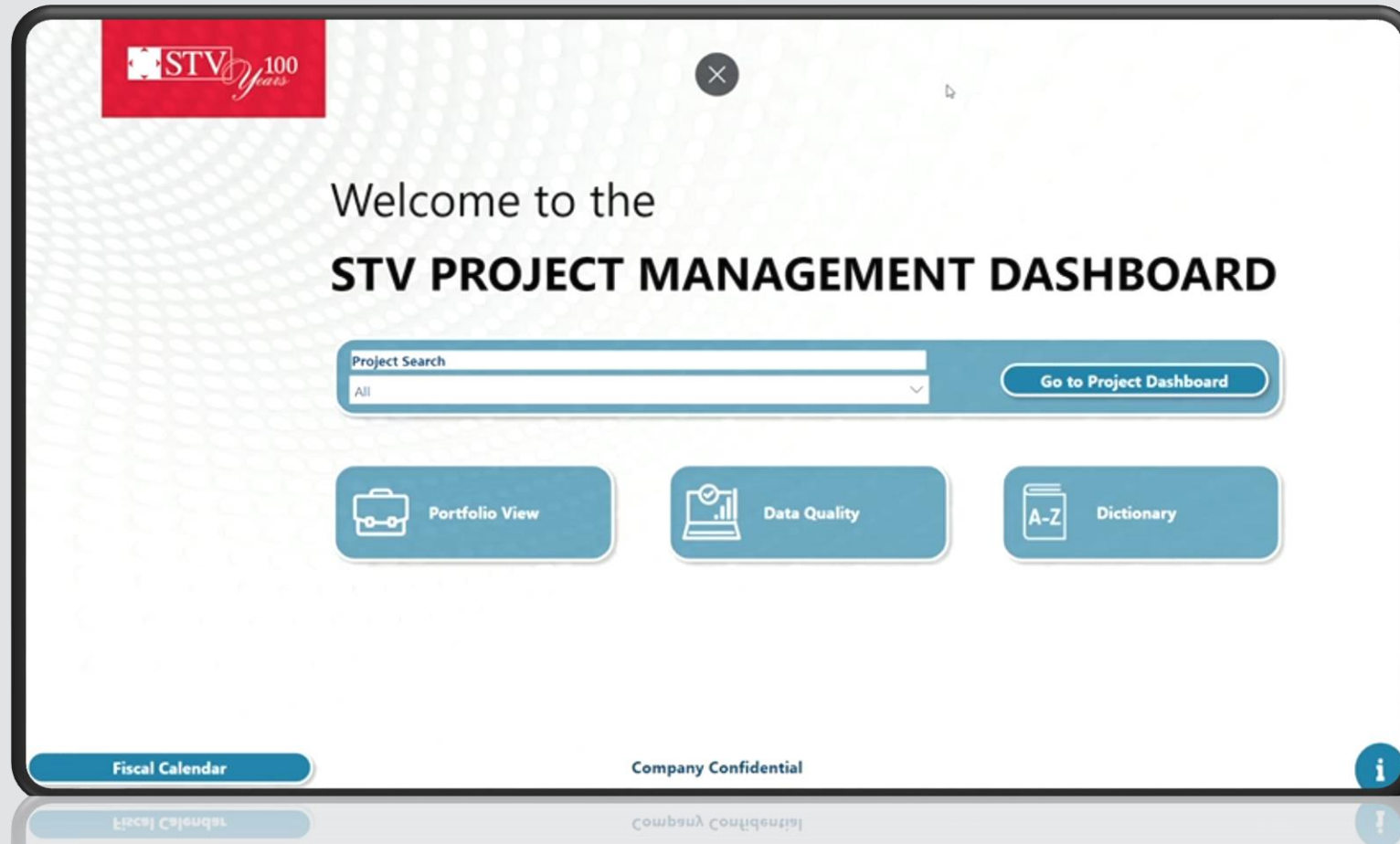


In Traditional Project Management, the scope of work is fixed and drives the project cost and schedule. Only the final product can be deployed/utilized.

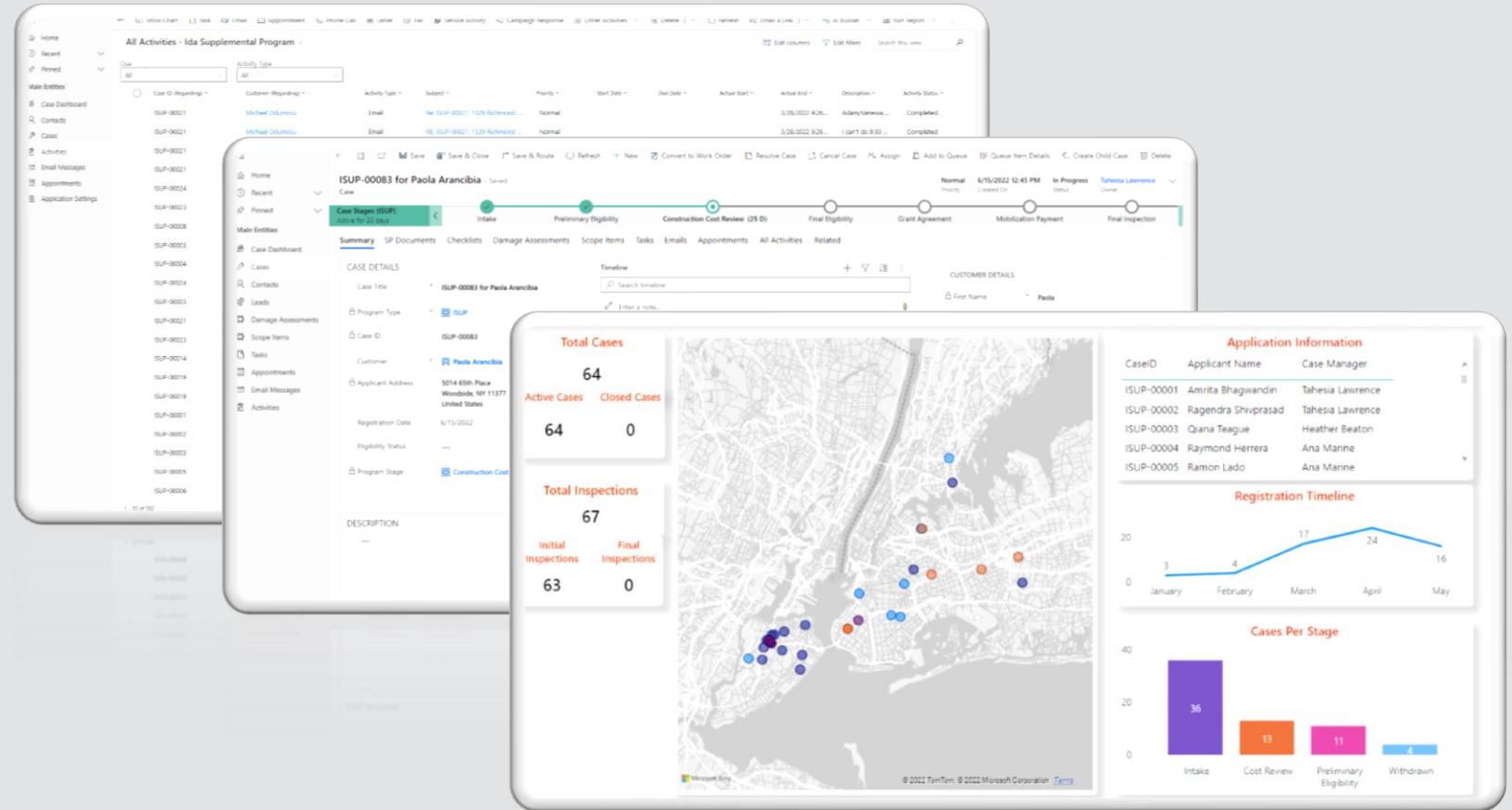
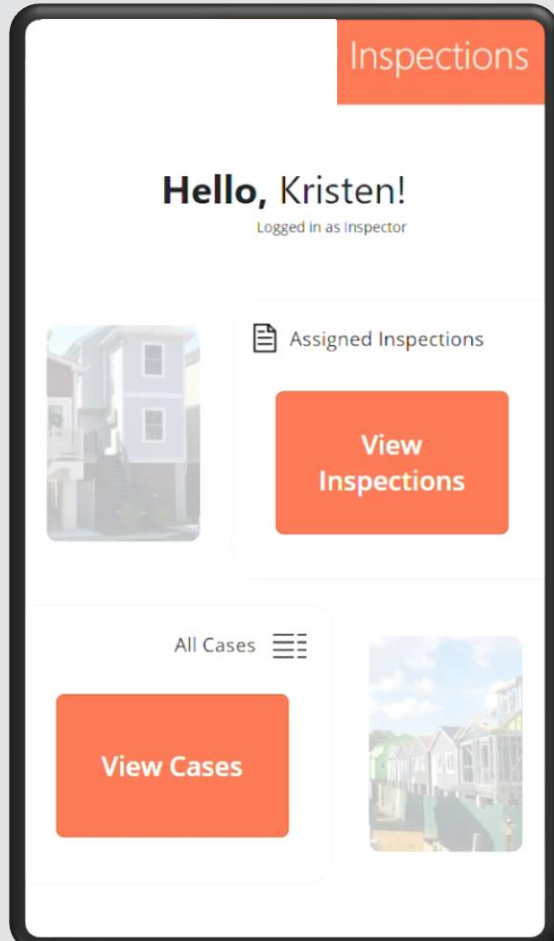


In Agile Project Management, the project schedule and cost drive the scope of work. The product is released in small bunches (minimum viable products) that can be immediately deployed

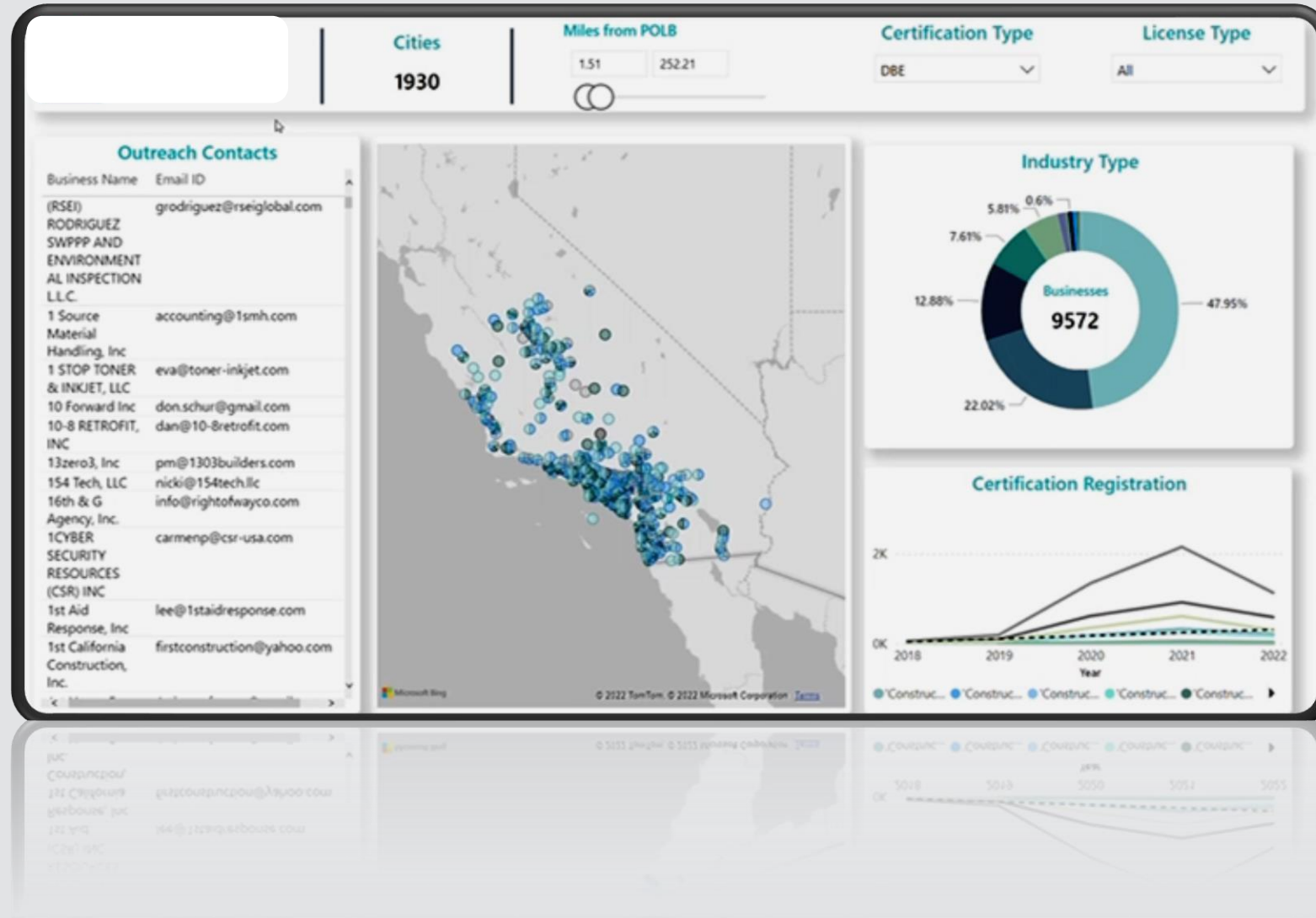
EXAMPLES OF AGILE PROJECT MANAGEMENT



EXAMPLES OF AGILE PROJECT MANAGEMENT



EXAMPLES OF AGILE PROJECT MANAGEMENT





TOTAL STAFF
2,147

MULTI-DISCIPLINED
ENGINEERS

1,042

CONSTRUCTION
MANAGERS/
INSPECTORS

310

PROJECT
CONTROLS

95

ARCHITECTS

190

PLANNERS,
ENVIRONMENTAL
& GIS SPECIALISTS

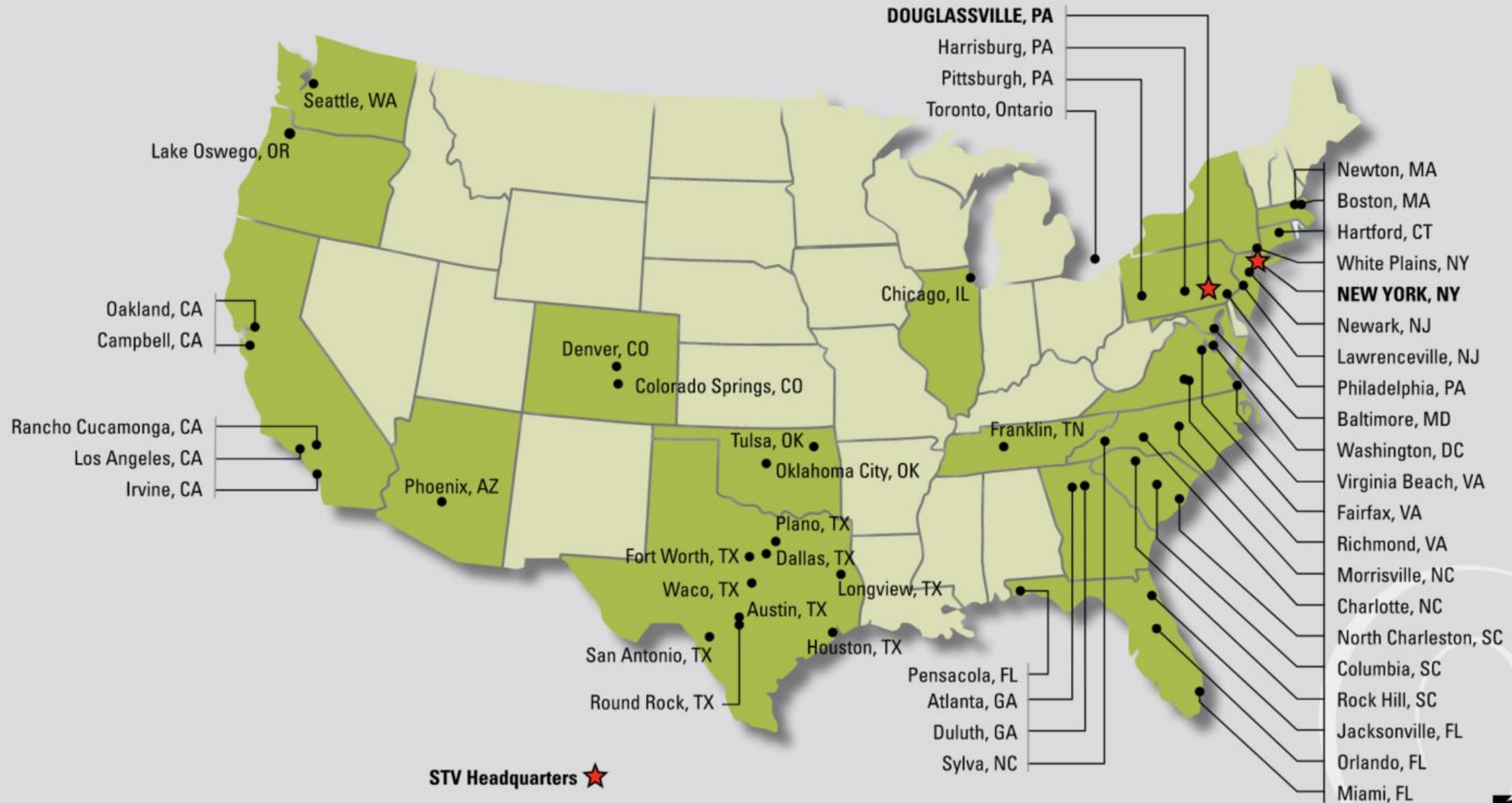
115

ADMINISTRATIVE,
TECHNICAL & SUPPORT

395

+400 CP&Y

OUR GEOGRAPHY



FULL
SERVICE
CAPABILITIES

PROGRAMMING,
PLANNING &
SITE DEVELOPMENT

ARCHITECTURE &
INTERIOR DESIGN

CIVIL &
STRUCTURAL
ENGINEERING

MECHANICAL,
ELECTRICAL &
FIRE PROTECTION
ENGINEERING

INDUSTRIAL
ENGINEERING

PROCESS
ENGINEERING

SECURITY
& DATA

ENVIRONMENTAL,
PERMITTING &
GEOTECHNICAL

CONSTRUCTION
MANAGEMENT

KEY PROJECTS





USMA United States Military Academy - Cadet Barracks, West Point, NY



George Washington Bridge Bus Station Redevelopment, New York, NY



USMAPS, U.S. Army Corps of Engineers, New York District, West Point, NY



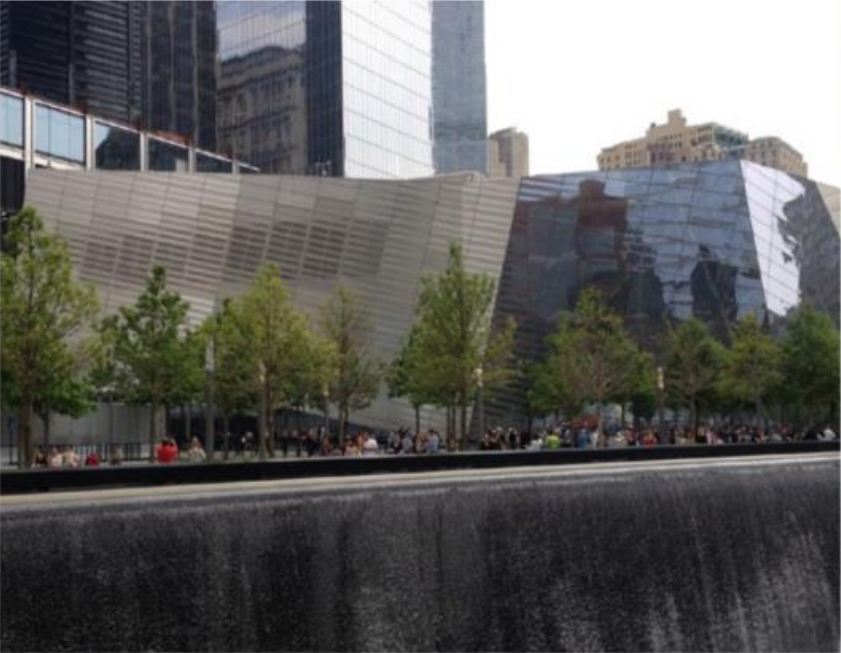
Cornell University Fine Arts Library Renovation, Ithaca, NY



DASNY Psychiatric Center Adult Behavioral Healthcare Center, Bronx, NY



PANYNJ World Trade Center Transportation Hub, New York, NY



National September 11th Museum & Memorial, New York, NY



Newark Airport Terminal 1 Redevelopment, Newark, NJ



Phase One of Delta's Expansion at Terminal 4 at JFK, Queens, NY



One World Trade Center & National September 11 Memorial & Museum, New York, NY



AirTrain JFK, Queens, NY



Nets Arena, Barclays Center, Brooklyn, NY

General Syllabus Overview

Fall Semester

September 6th, 2022 – December 23rd, 2022



Traditional Management

THEORY (STV Office)	ASSIGNMENTS (Remote Office Hours)
09/09/2022 - Introduction	
9/16/2022	
9/30/2022	9/23/2022
10/14/2022	10/7/2022
10/28/2022	10/21/2022
11/11/2022	11/4/2022
11/25/2022	11/18/2022
12/9/2022	12/2/2022
12/16/2022 - Final Presentation	

Spring Semester

January 17th, 2023 – May 12th, 2023



Agile Management

THEORY (STV Office)	ASSIGNMENTS (Remote Office Hours)
01/20/2023 - Introduction	
1/27/2023	
2/10/2023	2/3/2023
2/24/2023	2/17/2023
3/10/2023	3/3/2023
3/24/2023	3/17/2023
4/7/2023	3/31/2023
4/21/2023	4/14/2023
5/5/2023 - Final Presentation	4/28/2023

Syllabus Traditional



Traditional Management

THEORY (STV Office)		ASSIGNMENTS (Remote Office Hours)	
Friday, September 9, 2022	Introduction First Semester of Practicum	Friday, September 23, 2022	Risk Register and Scope Outline
Friday, September 16, 2022	Contract Review & Risk Assessment	Friday, October 7, 2022	WBS & high-level budget & schedule
Friday, September 30, 2022	Project Initiation and Set Up	Friday, October 21, 2022	On site visit
Friday, October 14, 2022	Execution - Monitoring and Controlling	Friday, November 4, 2022	Weekly reports, KPIs & EV Analysis
Friday, October 28, 2022	Project Management Plan (PMP)	Friday, November 18, 2022	Project Management Plan (PMP) Outline
Friday, November 11, 2022	Procurement Management	Friday, December 2, 2022	Project Management Plan (PMP)
Friday, November 25, 2022	Thanksgiving		
Friday, December 9, 2022	Close Out - Q/A		
Friday, December 16, 2022	Final Presentation First Semester of Practicum		

Syllabus Agile



Agile Management

THEORY (STV Office)		ASSIGNMENTS (Remote Office Hours)	
Friday, January 20, 2023	Introduction Second Semester of Practicum		
Friday, January 27, 2023	Agile overview presentation + overview of the data		
Friday, February 10, 2023	Collect User Stories and Requirements	Friday, February 3, 2023	Excel first visuals attempt
Friday, February 24, 2023	Power BI Introduction	Friday, February 17, 2023	First Product Deployment
Friday, March 10, 2023	Leadership Presentation	Friday, March 3, 2023	Second Product Deployment
Friday, March 24, 2023	Power App	Friday, March 17, 2023	Spring Break
Friday, April 7, 2023	Power Automate	Friday, March 31, 2023	Third Product Deployment
Friday, April 21, 2023	Final Review - Q/A	Friday, April 14, 2023	Fourth Product Deployment
Friday, May 5, 2023	Final Presentation Second Semester of Practicum	Friday, April 28, 2023	Fifth Product Deployment

THANK YOU

