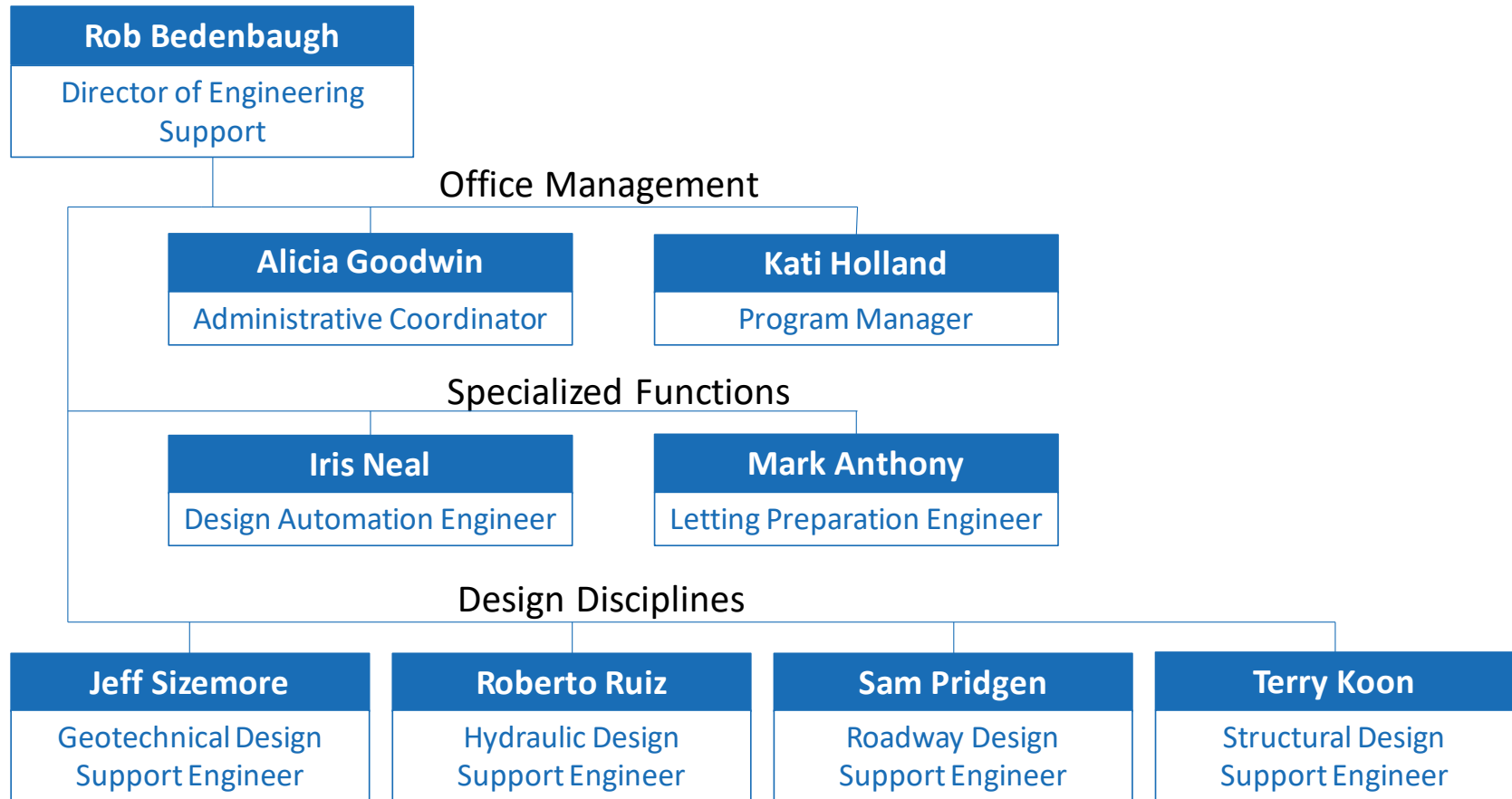


OVERVIEW OF OFFICE OF ENGINEERING SUPPORT

OCTOBER 19, 2021



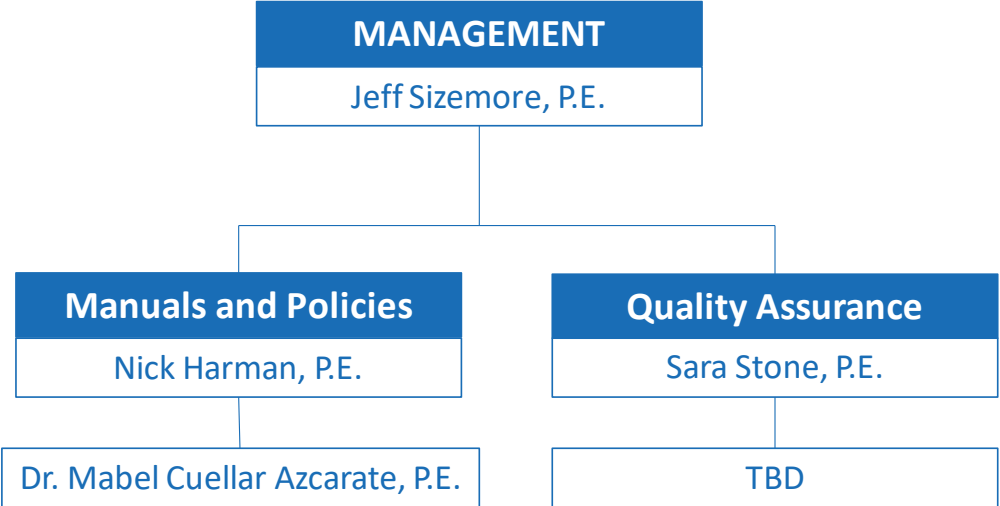
ENGINEERING SUPPORT – ORG CHART



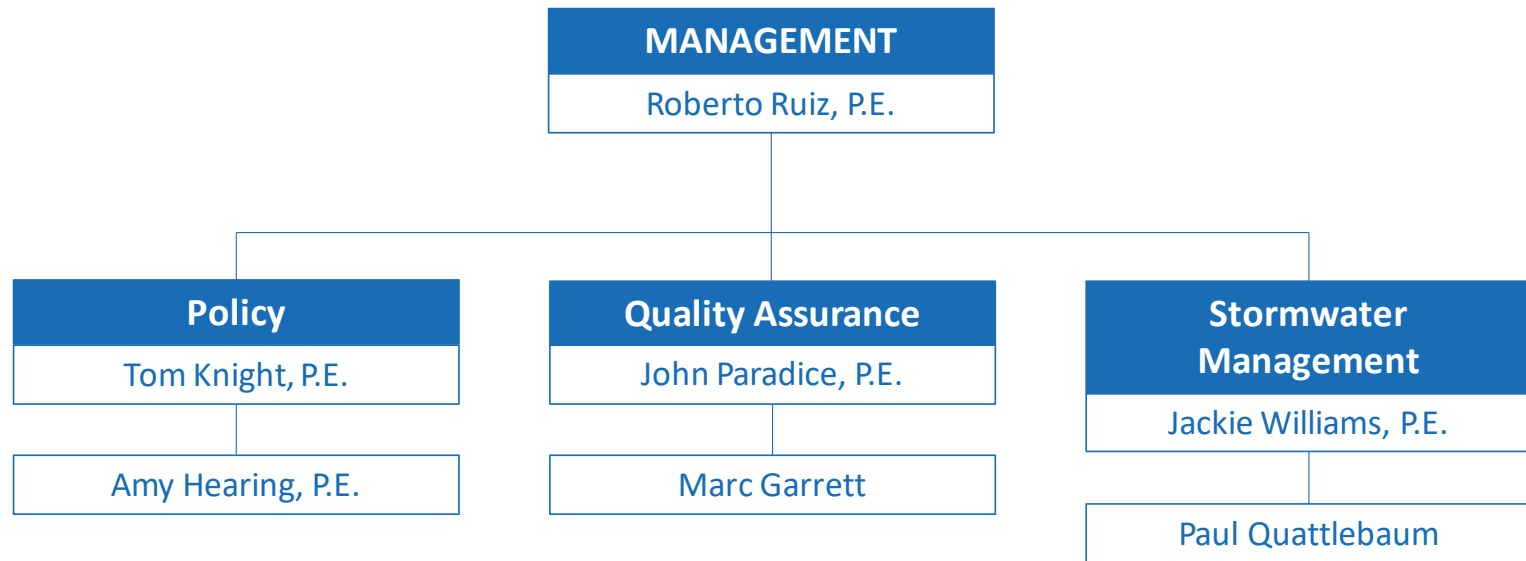
CORE JOB FUNCTIONS

FUNCTION	EXAMPLES
ENGINEERING STANDARDS	STANDARD DRAWINGS
DESIGN SUPPORT	QA, ENCROACHMENT PERMITS, SPECIAL PROJECTS, DESIGN MANUALS, DESIGN POLICIES, DESIGN SOFTWARE, APPROVAL OF DESIGN EXCEPTIONS AND DESIGN VARIANCES, DISTRICT ASSISTANCE FOR COMPLEX MAINTENANCE ISSUES
PROGRAM MANAGEMENT/ OVERSIGHT	MS4 PERMIT, BRIDGE SCOUR PROGRAM , TRAINING (NHI AND CUSTOM CLASSES FOR SCDOT), VALUE ENGINEERING
LETTING	OBLIGATION CHART, BID PACKAGE, ENGINEER'S ESTIMATE
CONSTRUCTION SUPPORT	STORMWATER MANAGEMENT, STANDARD DRAWINGS, ELECTRONIC ENGINEERING DATA - EED (PLAN DATA FOR CONSTRUCTION)
DESIGN AUTOMATION	ENGINEERING SOFTWARE, PLANS STORAGE, PRINTING/PLOTTING, PROJECT SCHEDULING
TECHNICAL SUPPORT FOR LEGAL	DEPOSITIONS, TRIALS
COMMITTEE PARTICIPATION	SCDOT, AASHTO, ACEC-SC, TRB, NCHRP, STATE RESILIENCY INITIATIVE , ETC.
RESEARCH	CHAMPION TOPICS ON BEHALF OF OFFICE OF MATERIALS AND RESEARCH

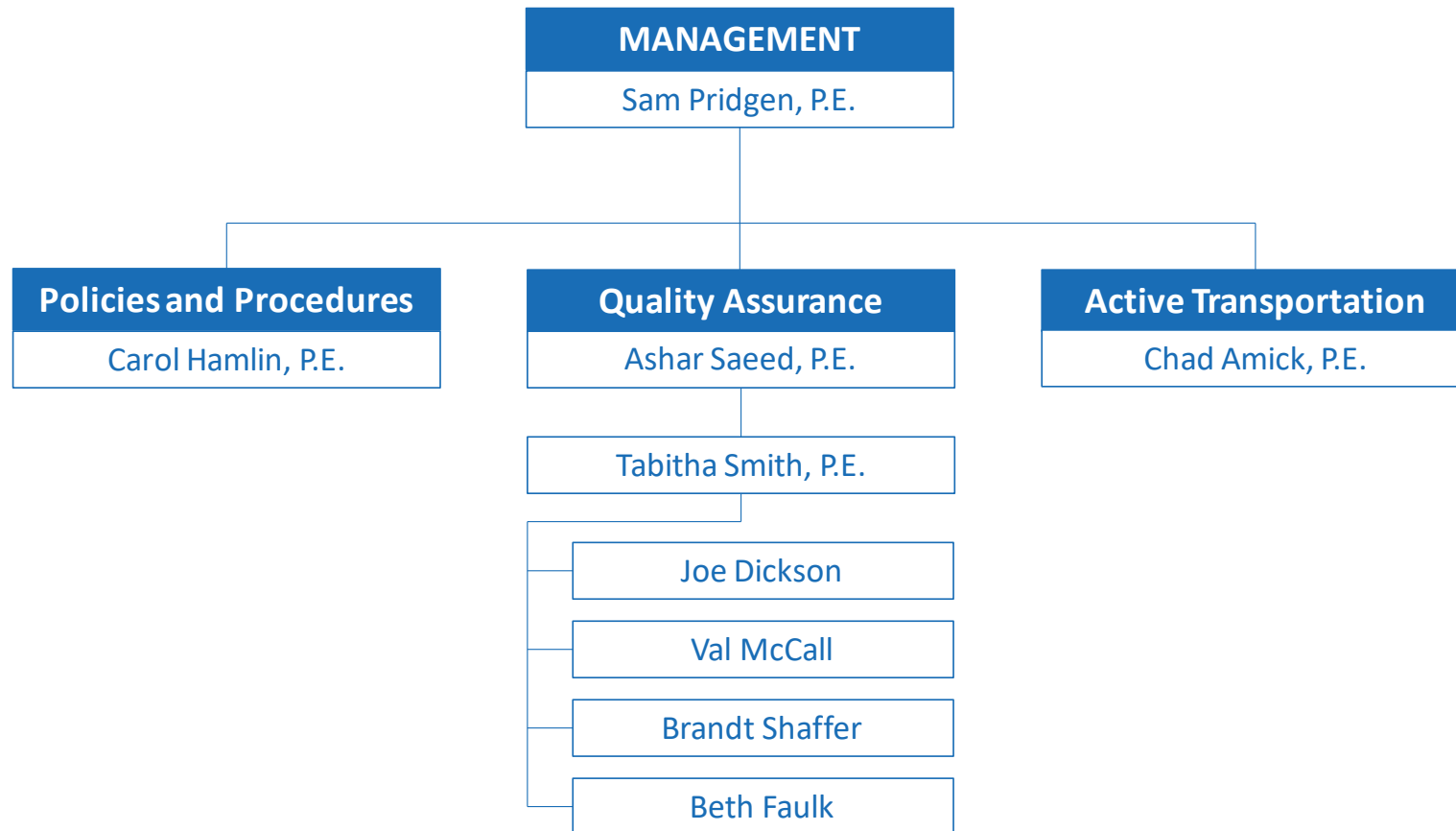
GEOTECHNICAL DESIGN SUPPORT



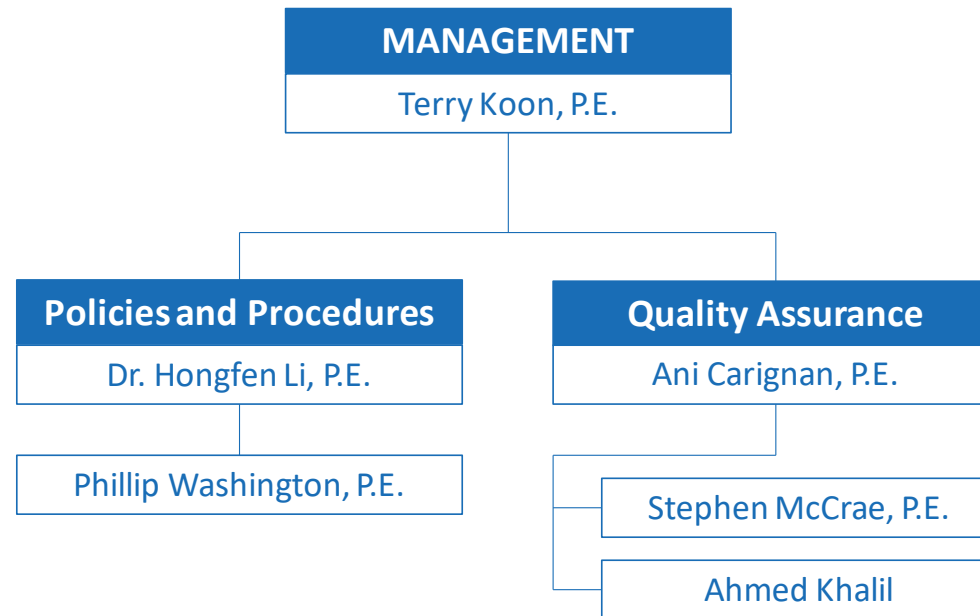
HYDRAULIC DESIGN SUPPORT



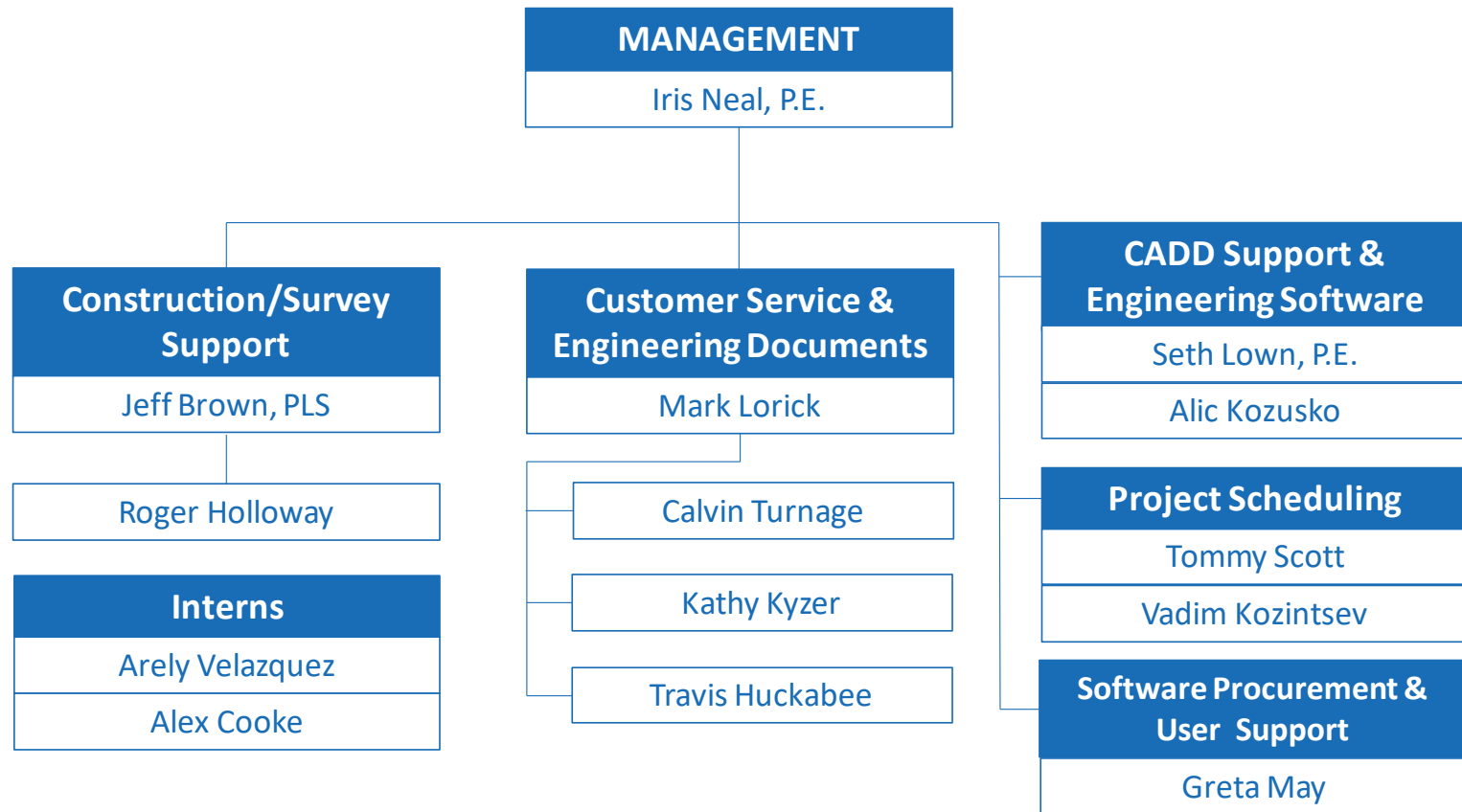
ROADWAY DESIGN SUPPORT



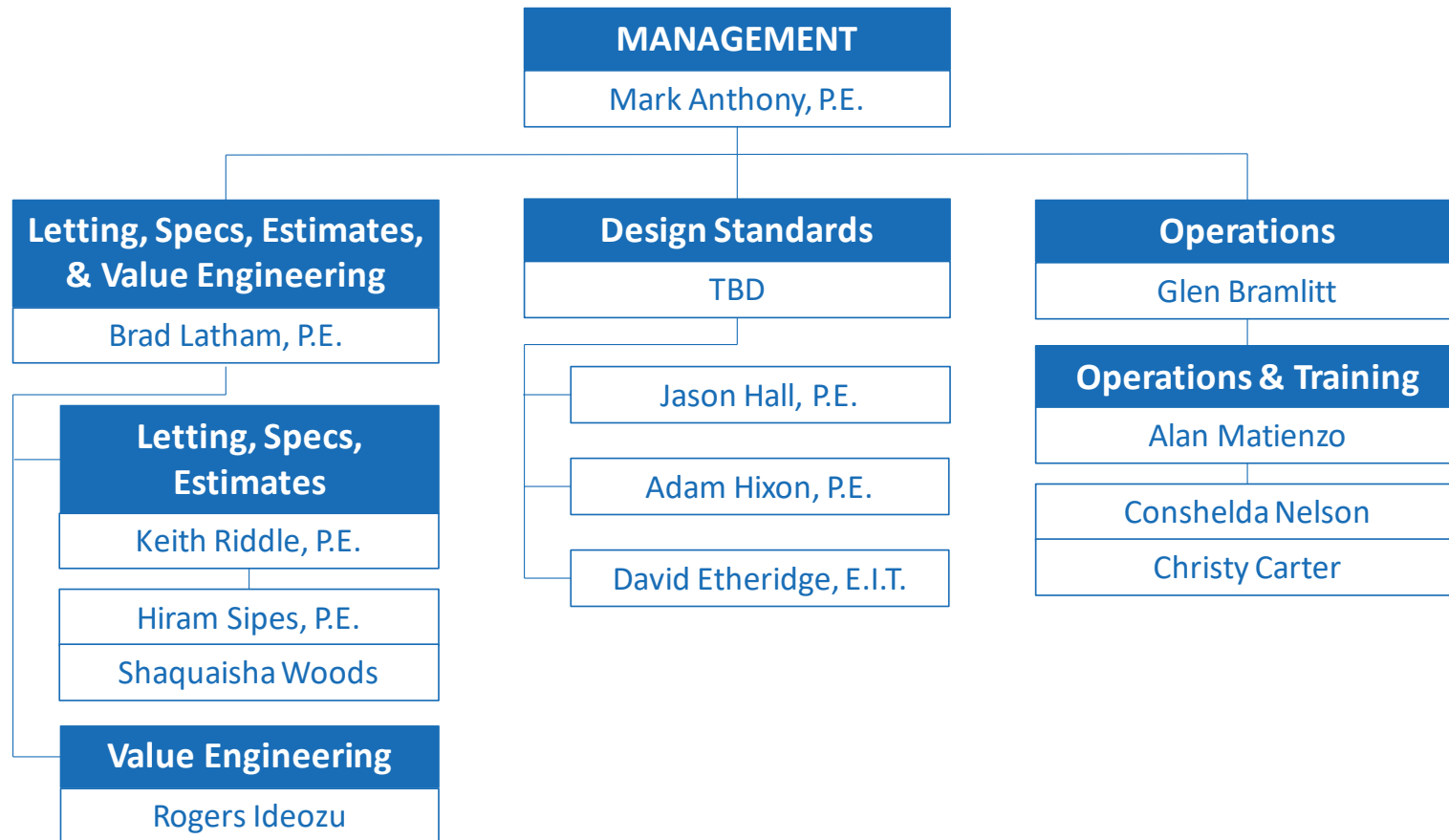
STRUCTURAL DESIGN SUPPORT



DESIGN AUTOMATION



LETTING PREPARATION



CONCLUSION

Recognize, Respect, and Support
Everyone's Worth

Rob Bedenbaugh

Office of Engineering Support

Main Office 803-737-1377 or Direct Line 803-737-1134

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