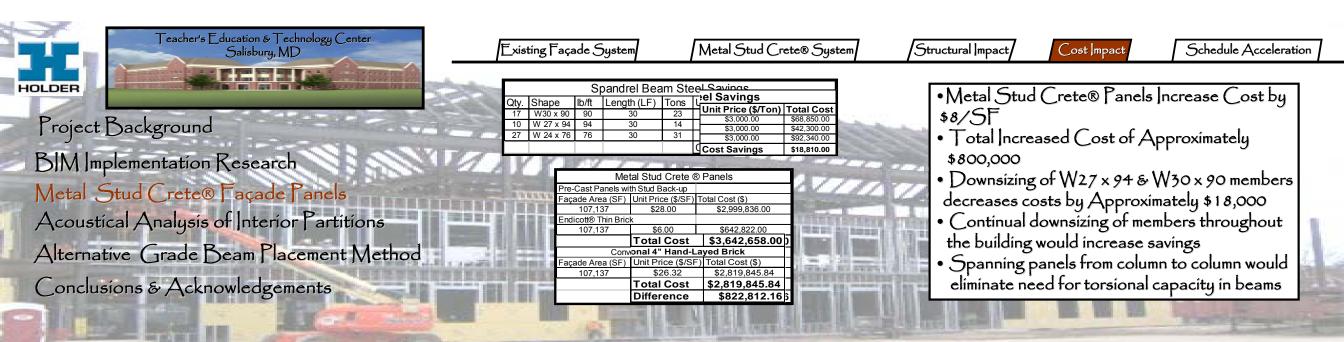
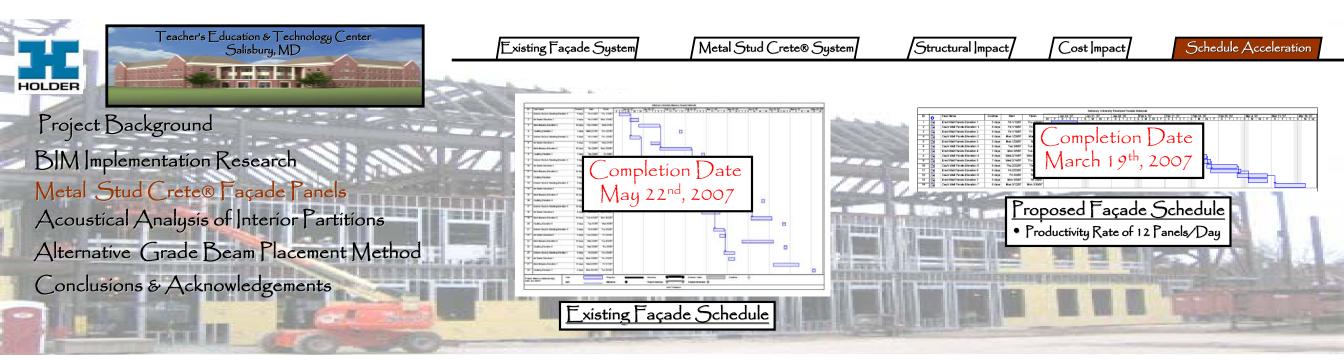
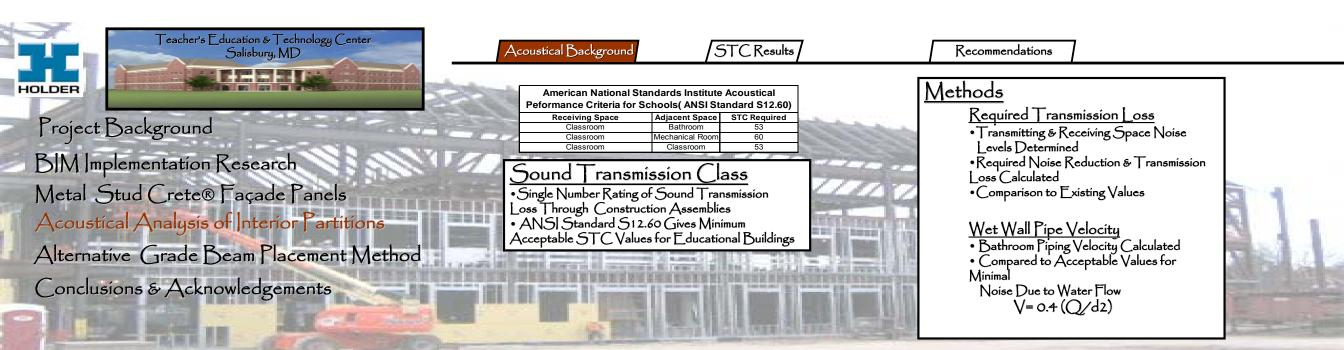
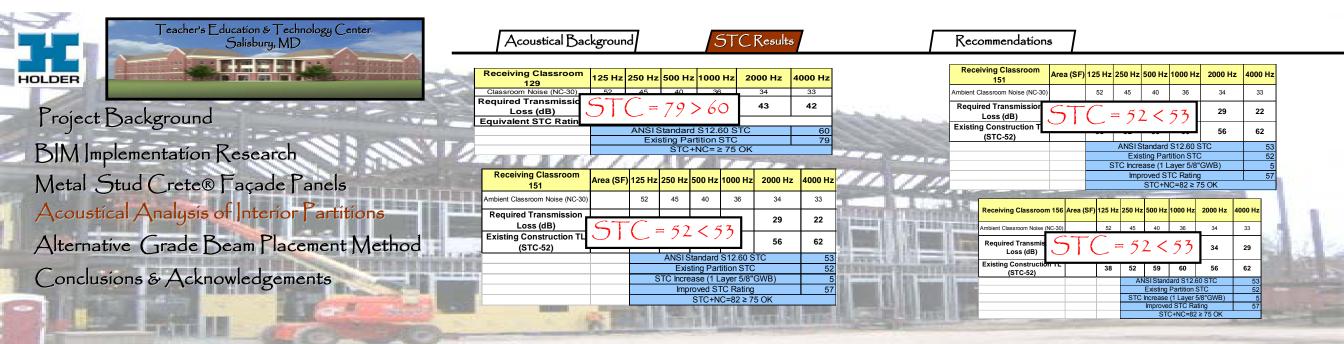


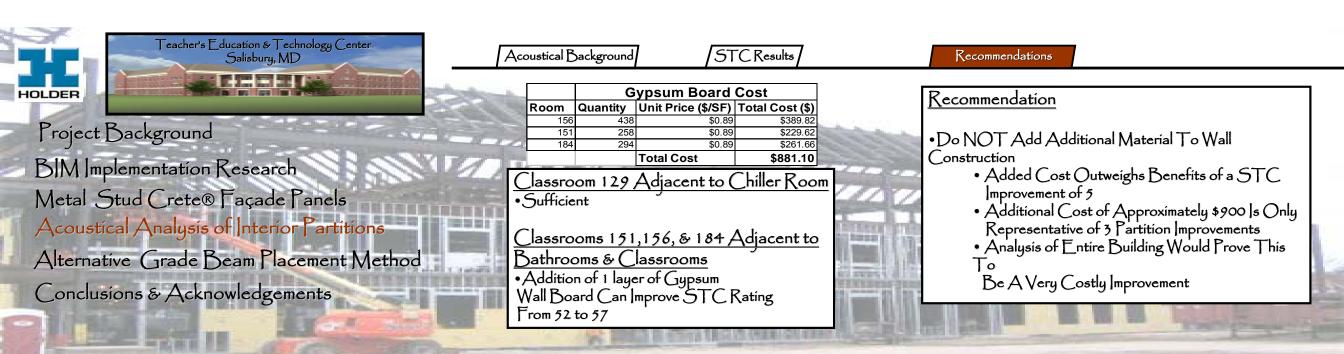
Teacher's Education & Technology Center Salisbury, MD	Existing Faça	nde System Metal	Stud Crete® System	Structural Impact	Cost mpact	Schedule Acceleration
HOLDER				Ĺ		Flange of
Project Background	• Spandrel [beams Analyzed for Tor	sion Due to	And and a state of the state of		Spandrel Beam
BIM Implementation Research	• AISC D	y of Façade Load sign Guide 22- Façade , od Buildings	Attachments to			
Metal Stud Crete® Façade Panels	Steel-Framed Buildings Panelized Façade Eliminates Need for Masonry					
Acoustical Analysis of Interior Partitions		nelf in Foundations		of the party of the party of the		1
I THE REAL PROPERTY AND A REAL PROPERTY A REAL PROPERTY AND A REAL		Spandrel Beam Analys		HARD DESCRIPTION OF THE OWNER.	*	
Alternative Grade Beam Placement Method		Metal Stud Crete ®	Traditional Brick Façade		Matal Stud Cre	the Composition
Conclusions & Acknowledgements	Unit Weight (PSF) Member Size	36 W 24 x 76	45 W 30 x 90	DE QUINES FORESAUTOR CONTRACTOR	Metal Stud Cre	ection to Pour Stop
Conclusions & Acknowledgements		W 24 x 76	W 27 x 94		• Weid/ Doit Conn	ection to our Stop
CONTRACTOR DATE: NOT THE PROPERTY OF THE PROPE		W 21 x 44	W 21 x 44		the second second	and the second second
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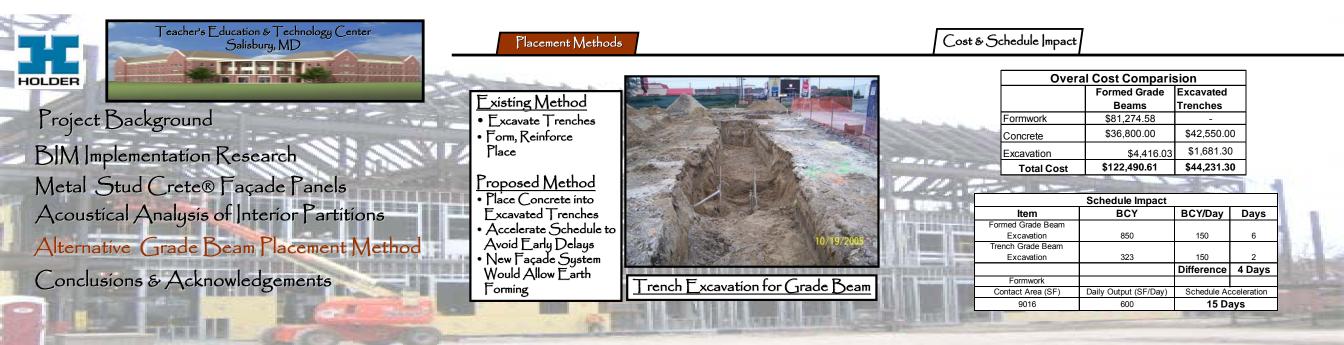


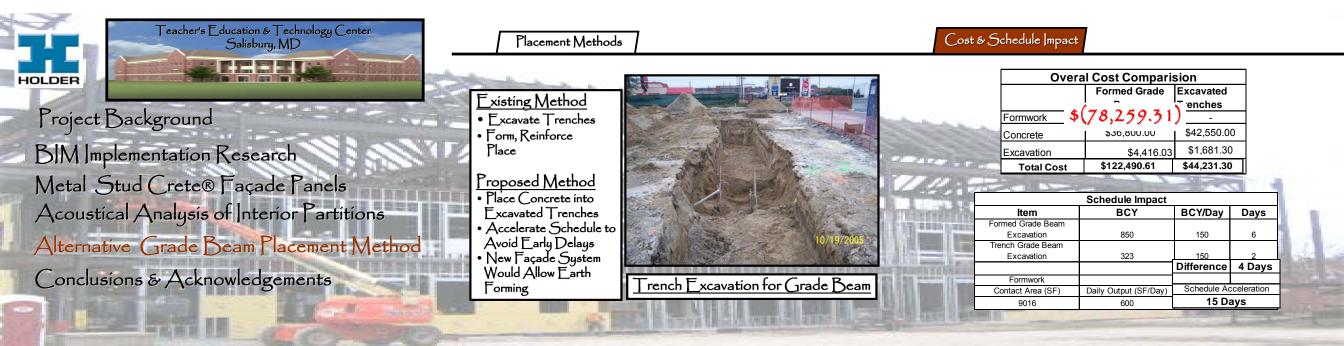












Teacher's Education & Technology Center Salisbury, MD	Conclusions Acknowledgements	
PROJECT BACKGROUND Project Background BIM Implementation Research Metal Stud Crete® Façade Panels Acoustical Analysis of Interior Partitions Alternative Grade Beam Placement Method Conclusions & Acknowledgements	 BIM Implementation Writing a project specific Master Plan & communicating the plan will help implementation Impact on meeting structure allows more efficient meetings with more solutions to clash issues Decrease in conflict management & the number of coordination based RFI's Metal Stud Crete® Panels Increased initial cost of approx. \$800,000 Decreased schedule time by approx. 2 months Allows more efficient foundation concrete placement method 	 <u>Partition Acoustics</u> Mechanical room partition had a sufficient STC rating STC value of partitions separating classrooms from classrooms & bathrooms below acceptable value Adding layer of wall board is NOT recommended because the added benefit is outweighed by increased cost <u>Foundation Placement Method</u> Decrease in formwork cost Accelerates out of the ground schedule



