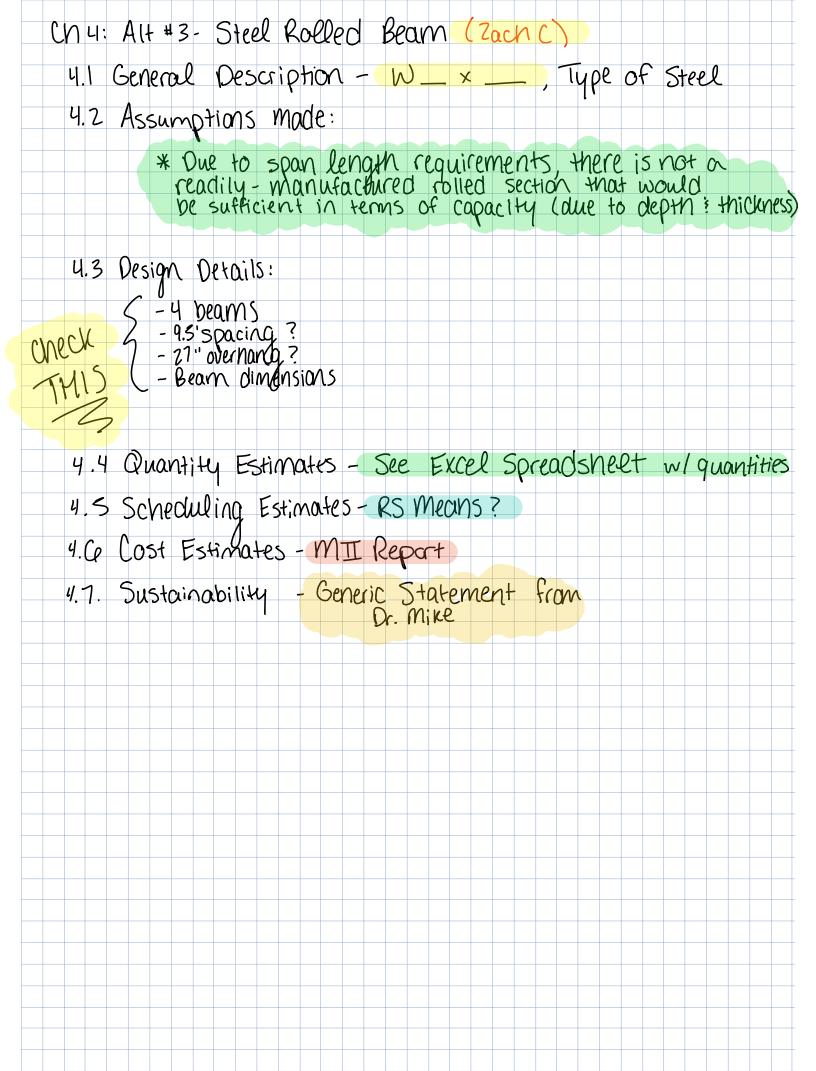
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CN 3: Alternative # 2 - Concrete I - Beam (Brandon D.) 3.1 - General Description - AASH TO Type V Beams # of beams 3.2 - Assumptions made: \* Due to snipping length limits & large spain length & single spain limitations - beams are not manufactured long enough for 125' spain. 3.3 - Design Details: - 4 beams - 8 'spacing - 2.75' over nang - Beam dimensions - Reinforcement details 3.4 Quantity Estimates - See Excel Spreadshelt w/quantities 3.5 Scheduling Estimates - RS Means? 3.Co Cost Estimates - MII Report 3.7. Sustainability - Generic Statement from



Ch5: Selection of Design Alternative (Natasha/Michae	l)
5.1 Comparison Methodology:	
* Alternatives were compared on a basis of cost, snipping limitations, and manufacturing availability.	
(We can add scheduling is time lines if need be).	
5.2 Comparison of Design Alternatives	
* Maybe a Table with a small paragraph or two for each alternative	
for each alternative	
Alternative Cost (materials) Cost (Labor) Shipping Manufacturio	19
Plate Girders	
Conc. Type V	
Rolled Bearn	
5.3 Selected Alternative	
*Discussion of benefits of plate girders vs other alternat	ives
* ultimate selection of plate girders.	
5.4 Remaining Design Tasks:	
-Refined Shear ! Moment Design	
Anything ) - Lateral Bracing Design	
- Camber Design	
- Approach Slab Design	
References etc.	