

COLORADO DEPARTMENT OF TRANSPORTATION Concrete Beams Flexural Strength T97 Additional methods C1064, T119, T121, T152		Contract ID	Region	_____ -- _____					
		Project Number							
		Project Location							
Concrete Supplier:		CDOT Mix #	Item #	Description:					
SAMPLE LOCATION AND FIELD TEST RESULTS									
Placed at (Str. No. or station/lane/portion)			Material placed in Line Items #	Batch Ticket #					
Field Tester Name	Entrained Air	Slump	Concrete Temperature	Unit Weight	Yield	W/C Ratio			
Specimen Data									
Specimen for Design Adequacy	Mold Date	Time	Hours Initial cure in molds	Initial cure temperature (60-80°F) (68-78°F)	Final Cure Method Water at 73.5° Moist Room Cure 73.5°				
Field Comments:									
Mark each specimen with Field Sheet # and Break Date		Set No.	Conc. Class	Break Date	Number of Specimens	Cast specimens, cast by: (Print Name)			
Sample ID									
Date Submitted to Lab	Specimens tested at: Central Lab Region Lab		Consultant Lab QC Field Lab	Required Strength _____ psi. 28 day Flexural Strength _____ psi.					
Type of specimen submitted		Beams	6 x 6	4 X 4	Other: _____				
Represented Quantity	Cubic Yards		Previous Qty	This Sheet	Total to Date				
	Square Yards								
Flexural Strength Results									
Individual beam measurements	Beam 1		Beam 2		Beam 3		Beam 4		
Span Length inches:	Width (b)	Depth (d)	Width (b)	Depth (d)	Width (b)	Depth (d)	Width (b)	Depth (d)	
Average width and depth									
Average distance from fracture to nearest support		_____ inches	_____ inches	_____ inches	_____ inches	_____ inches	_____ inches	_____ inches	
Beam #	Break Date	Age	Average Width	Average Depth²	Area	Maximum Load	PSI	Broke Within Middle Third	Broke Outside Middle Third <5% or > of Span Length
1									
2									
3									
4									
Lab Comments:					Place IA Stamp Here:				
Submitted By:									
Cell Phone No:		IA Sample ID			Electronic Signature of IA Personnel:				
Email:					IAT: Email completed form to IA personnel				
For specimens submitted to Central Lab: Submit completed form to: cdot_conc.lab@state.co.us					SMM/LIMS: Upload completed form into ProjectShare Folder				
					Non-SMM/LIMS: Completed form in materials book				