

COLORADO DEPARTMENT OF TRANSPORTATION  <b>Concrete Beams Flexural Strength T97</b>  Additional methods C1064, T119, T121, T152		Contract ID	Region						
		Project Number							
		Project Location							
Concrete Supplier:		CDOT Mix #	Item #	Description:					
<b>SAMPLE LOCATION AND FIELD TEST RESULTS</b>									
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			
<b>Specimen Data</b>									
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:									
<b>Mark each specimen with Field Sheet # and Break Date</b>		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		<b>Beams</b>	<b>6 x 6</b>	<b>4 X 4</b>	Other: _____				
Represented Quantity	Cubic Yards		Previous Qty	This Sheet	Total to Date				
	Square Yards								
<b>Flexural Strength Results</b>									
Individual beam measurements	<b>Beam 1</b>		<b>Beam 2</b>		<b>Beam 3</b>		<b>Beam 4</b>		
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		
<b>Beam #</b>	<b>Break Date</b>	<b>Age</b>	<b>Average Width</b>	<b>Average Depth<sup>2</sup></b>	<b>Area</b>	<b>Maximum Load</b>	<b>PSI</b>	<b>Broke Within Middle Third</b>	<b>Broke Outside Middle Third &lt;5% or &gt; of Span Length</b>
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: <a href="mailto:cdot_conc.lab@state.co.us">cdot_conc.lab@state.co.us</a>					SMM/LIMS: Upload completed form into ProjectShare Folder				
					Non-SMM/LIMS: Completed form in materials book				