

EARTH ENGINEERING CONSULTANTS

Report of Cast-in-Place Concrete Tests

Project: Silver Oaks

Project No.: 1964020

GENERAL INFORMATION

Placement Date: 11/6/96	Test Set No.: 2
Placement Location: East Entrance Crosspan	
Concrete Supplier: Bestway	Truck No.: 40
Water Added On-Site: 5 gallons	
Notes:	

FIELD TEST RESULTS

Slump (Inches)	2 1/2"
Concrete Temperature (°F)	62°
Air Content (%)	5.5%
Air Temperature at Placement (°F)	42°

LABORATORY CYLINDER TEST RESULTS

Cylinder No	Date Tested	Age (days)	Maximum Applied Load (pounds)	Type Failure	Compressive Strength (psi)
2A	11/13	7	119,000	Shear	4210
2C	12/4	28	139,000	Conical	4920
2C ¹	12/4	28	139,500	Conical	4940
2H	12/4	Hold			
Specified Compressive Strength (at 28 days): 3500 psi					

Reports to: Ken Scavo
Bestway
Gary Martinson - City of Fort Collins
Bob Van Dop - RVD Associates

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GENERAL INFORMATION

Placement Date: 11/5/96	Test Set No.: 1
Placement Location: Curb and Gutter, Horsetooth	
Concrete Supplier: Bestway	Truck No.: 46
Water Added On-Site: 3 gallons	
Notes:	

FIELD TEST RESULTS

Slump (Inches)	2 3/4"
Concrete Temperature (°F)	68°
Air Content (%)	5.8%
Air Temperature at Placement (°F)	58°

LABORATORY CYLINDER TEST RESULTS

Cylinder No	Date Tested	Age (days)	Maximum Applied Load (pounds)	Type Failure	Compressive Strength (psi)
1A	11/12	7	107,000	Shear	3790
1C	12/3	28	129,500	Shear	4580
1C ¹	12/3	28	134,000	Shear	4740
1H	12/3	Hold			
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