

Briargate Parkway at Sand Creek Channel  
Bridge

CDR 21-013

ASB 25-33

Concrete Testing Reports

By

Entech Engineering, Inc.

Sorted by Set In

Chronological Order

Set 1



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 1      **Sample #:** 526      **Placement Date:** 03/13/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Partly Cloudy      **Air Temp (°F):** 42  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Footings      **Location Details:** Footing S2      **Lat/Long:** 38.58151 / -104.40474

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
1	46 86732677	10.00	Slump: 7 Spec: 5 - 7	Result: 5.9 Spec.: 4.5 - 7.5	140.0	75	42

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
1 / 1843	7	03/20/2024	3170		Type 3

03/22/2024

Reviewed by: Dylan Gassmann, PE



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 1      **Sample #:** 526      **Placement Date:** 03/13/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Partly Cloudy      **Air Temp (°F):** 42  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Footings      **Location Details:** Footing S2 toe wall.      **Lat/Long:** 38.58151 / -104.40474

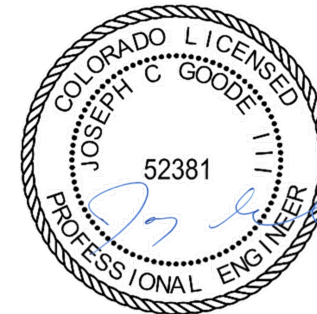
### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
1	46 86732677	10.00	Slump: 7 Spec: 5 - 7	Result: 5.9 Spec.: 4.5 - 7.5	140.0	75	42

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
1 / 1843	7	03/20/2024	3170		Type 3
1 / 1844	28	04/10/2024	4430	CF	Type 2
1 / 1845	28	04/10/2024	4460	CF	Type 2
1 / 1846	28	04/10/2024	4220	CF	Type 2

**Average Strength (psi):** 28 Day - 4370 psi



04/16/2024

Digitally Signed by Joey Goode, PE

Set 2



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 2      **Sample #:** 633      **Placement Date:** 03/28/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Sunny      **Air Temp (°F):** 58  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall Footer      **Location Details:** Footing S1, 30' N. and 5' W. off SE corner

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
2	8 86733336	12.00	Slump: 6 Spec: 5 - 7	Result: 6.4 Spec.: 4.5 - 7.5	136.8	75	58

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
2 / 2226	7	04/04/2024	3410	CP	Type 3

04/23/2024

Reviewed by: Robert Jaquet, PE



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
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## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 2      **Sample #:** 633      **Placement Date:** 03/28/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Sunny      **Air Temp (°F):** 58  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall Footer      **Location Details:** Footing S1, 30' N. and 5' W. off SE corner

### PLACEMENT DATA

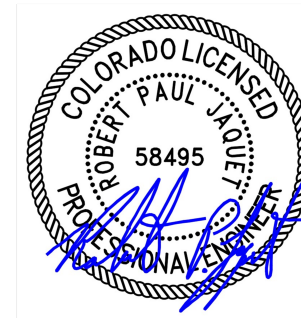
Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
2	8 86733336	12.00	Slump: 6 Spec: 5 - 7	Result: 6.4 Spec.: 4.5 - 7.5	136.8	75	58

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
2 / 2226	7	04/04/2024	3410	CP	Type 3
2 / 2227	28	04/25/2024	4150	CF	Type 3

**Average Strength (psi):** 7 Day - 3410 psi, 28 Day - 4150 psi

**56 Day Breaks will be provided when available.**



04/30/2024

Digitally Signed by Robert Jaquet, PE



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## Concrete Test

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Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 2      **Sample #:** 633      **Placement Date:** 03/28/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Sunny      **Air Temp (°F):** 58

**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500

**Placement Location:** Bridge - Footings      **Location Details:** Footing S1, 30' N. and 5' W. off SE corner

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
2	8 86733336	12.00	Slump: 6 Spec: 5 - 7	Result: 6.4 Spec.: 4.5 - 7.5	136.8	75	58

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
2 / 2226	7	04/04/2024	3410	CP	Type 3
2 / 2227	28	04/25/2024	4150	CF	Type 3
2 / 2228	56	05/23/2024	4470	CP	Type 2
2 / 2229	56	05/23/2024	4720	CP	Type 2
2 / 2230	56	05/23/2024	4540	CP	Type 2

**Average Strength (psi):** 7 Day - 3410 psi, 28 Day - 4150 psi, 56 Day - 4580 psi



05/24/2024

Digitally Signed by Dylan Gassmann, PE

Set 3



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 3      **Sample #:** 635      **Placement Date:** 03/28/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Sunny      **Air Temp (°F):** 59  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall Footer      **Location Details:** Footing S1, 30' N. and 20' W. off SE corner

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
3	351 86733357	12.00	Slump: 5 1/2 Spec: 5 - 7	Result: 6 Spec.: 4.5 - 7.5	139.2	79	59

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
3 / 2231	7	04/04/2024	3650	CP	Type 3

04/23/2024

Reviewed by: Robert Jaquet, PE



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505 Elkton Dr  
Colorado Springs, CO 80907  
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## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 3      **Sample #:** 635      **Placement Date:** 03/28/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Sunny      **Air Temp (°F):** 59  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500

**Placement Location:** Bridge - Wing Wall Footer      **Location Details:** Footing S1, 30' N. and 20' W. off SE corner

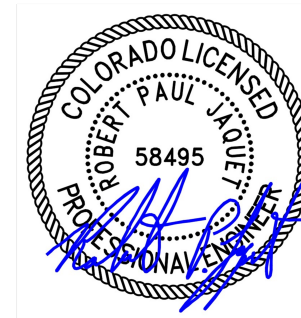
### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
3	351 86733357	12.00	Slump: 5 1/2 Spec: 5 - 7	Result: 6 Spec.: 4.5 - 7.5	139.2	79	59

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
3 / 2231	7	04/04/2024	3650	CP	Type 3
3 / 2232	28	04/25/2024	4540	CP	Type 2
3 / 2233	28	04/25/2024	4610	CP	Type 3
3 / 2234	28	04/25/2024	4520	CP	Type 2

**Average Strength (psi):** 28 Day - 4560 psi



04/30/2024

Digitally Signed by Robert Jaquet, PE

## Set 4



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 4      **Sample #:** 649      **Placement Date:** 03/30/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Cloudy / Windy      **Air Temp (°F):** 34  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall Footer      **Location Details:** Footing S2, 5' N. and 5' W. off SE corner of footing

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
4	26 86733492	12.00	Slump: 6 3/4 Spec: 5 - 7	Result: 7.4 Spec.: 4.5 - 7.5	136.4	75	34

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
4 / 2311	7	04/06/2024	4190		Type 3

04/23/2024

Reviewed by: Robert Jaquet, PE



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

**Client:**

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

**Project:**

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 4      **Sample #:** 649      **Placement Date:** 03/30/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Cloudy / Windy      **Air Temp (°F):** 34

**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500

**Placement Location:** Bridge - Wing Wall Footer      **Location Details:** Footing S2, 5' N. and 5' W. off SE corner of footing

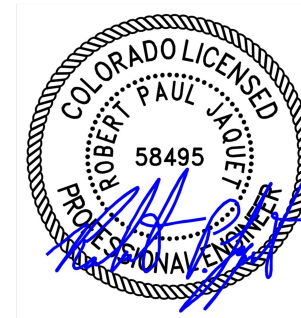
### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
4	26 86733492	12.00	Slump: 6 3/4 Spec: 5 - 7	Result: 7.4 Spec.: 4.5 - 7.5	136.4	75	34

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
4 / 2311	7	04/06/2024	4190		Type 3
4 / 2312	28	04/27/2024	4580	CP	Type 2
4 / 2313	28	04/27/2024	4700	CP	Type 3
4 / 2314	28	04/27/2024	4510	CP	Type 2

**Average Strength (psi):** 28 Day - 4600 psi



04/30/2024

Digitally Signed by Robert Jaquet, PE

## Set 5



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 5      **Sample #:** 651      **Placement Date:** 03/30/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Cloudy / Windy      **Air Temp (°F):** 41  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall Footer      **Location Details:** Footing S2, 15' N. and 15' W. off SE corner of footing

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
5	8 86733518	12.00	Slump: 6 1/2 Spec: 5 - 7	Result: 6.1 Spec.: 4.5 - 7.5	138.4	75	41

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
5 / 2298	7	04/06/2024	4280		Type 2

04/23/2024

Reviewed by: Robert Jaquet, PE



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

**Client:**

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

**Project:**

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 5      **Sample #:** 651      **Placement Date:** 03/30/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Cloudy / Windy      **Air Temp (°F):** 41  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500

**Placement Location:** Bridge - Wing Wall Footer      **Location Details:** Footing S2, 15' N. and 15' W. off SE corner of footing

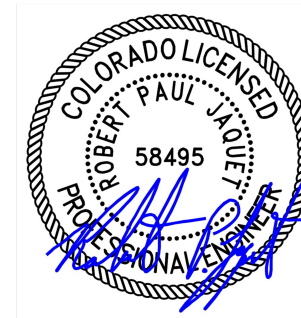
**PLACEMENT DATA**

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
5	8 86733518	12.00	Slump: 6 1/2 Spec: 5 - 7	Result: 6.1 Spec.: 4.5 - 7.5	138.4	75	41

**STRENGTH DATA**

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
5 / 2298	7	04/06/2024	4280		Type 2
5 / 2299	28	04/27/2024	4720	CP	Type 2
5 / 2300	28	04/27/2024	5040	CP	Type 2
5 / 2301	28	04/27/2024	5690	CP	Type 3

**Average Strength (psi):** 28 Day - 5150 psi



04/30/2024

Digitally Signed by Robert Jaquet, PE

## Set 6



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

**Client:**

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

**Project:**

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 6      **Sample #:** 654      **Placement Date:** 03/30/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Sunny / Partly Cloudy / Windy      **Air Temp (°F):** 40

**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500

**Placement Location:** Bridge - Wing Wall Footer      **Location Details:** Footing S2, 45' N. and 15' W. off SE corner of footing

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
6	53 86733538	10.00	Slump: 6 Spec: 5 - 7	Result: 5.4 Spec.: 4.5 - 7.5	140.4	75	40

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
6 / 2320	7	04/06/2024	4440		Type 3

04/23/2024

Reviewed by: Robert Jaquet, PE



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
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## Concrete Test

**Client:**

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

**Project:**

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 6      **Sample #:** 654      **Placement Date:** 03/30/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Sunny / Partly Cloudy / Windy      **Air Temp (°F):** 40

**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500

**Placement Location:** Bridge - Wing Wall Footer      **Location Details:** Footing S2, 45' N. and 15' W. off SE corner of footing

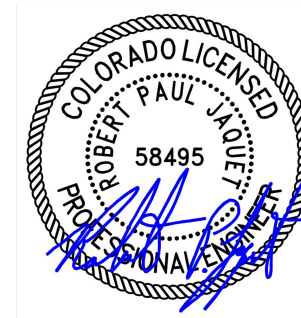
### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
6	53 86733538	10.00	Slump: 6 Spec: 5 - 7	Result: 5.4 Spec.: 4.5 - 7.5	140.4	75	40

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
6 / 2320	7	04/06/2024	4440		Type 3
6 / 2321	28	04/27/2024	5220	CP	Type 2
6 / 2322	28	04/27/2024	5620	CP	Type 2
6 / 2323	28	04/27/2024	5100	CP	Type 2

**Average Strength (psi):** 30 Day - 5310 psi



04/30/2024

Digitally Signed by Robert Jaquet, PE

## Set 7



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

**Client:**

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

**Project:**

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 7      **Sample #:** 655      **Placement Date:** 03/28/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Sunny      **Air Temp (°F):** 50  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall Footer      **Location Details:** Footing S1, 5' N. and 5' W. off SE corner

**PLACEMENT DATA**

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
7	53 86733309	10.00	Slump: 7 Spec: 5 - 7	Result: 5.9 Spec.: 4.5 - 7.5	136.8	74	50

**STRENGTH DATA**

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
7 / 2256	7	04/04/2024	3410	CP	Type 3

04/23/2024

Reviewed by: Robert Jaquet, PE



**Entech Engineering**  
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## Concrete Test

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Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 7      **Sample #:** 655      **Placement Date:** 03/28/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Sunny      **Air Temp (°F):** 50  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Footings      **Location Details:** Footing S1, 5' N. and 5' W. off SE corner

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
7	53 86733309	10.00	Slump: 7 Spec: 5 - 7	Result: 5.9 Spec.: 4.5 - 7.5	136.8	74	50

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
7 / 2256	7	04/04/2024	3420	CP	Type 3
7 / 2257	28	04/25/2024	4290	CF	Type 2
7 / 2258	56	05/23/2024	4700	CP	Type 3
7 / 2259	56	05/23/2024	4810	CP	Type 2
7 / 2260	56	05/23/2024	4660	CP	Type 3

**Average Strength (psi):** 7 Day - 3410 psi, 28 Day - 4290 psi, 56 Day - 4720 psi



05/24/2024  
Digitally Signed by Dylan Gassmann, PE

## Set 8



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

**Client:**

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

**Project:**

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Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 8      **Sample #:** 720      **Placement Date:** 04/08/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Sunny      **Air Temp (°F):** 38  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall Footer      **Location Details:** Footing N1, NW footing, 10' S and 10' E off NW corner

**PLACEMENT DATA**

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
8	351 86734063	10.00	Slump: 5 1/2 Spec: 5 - 7	Result: 6.8 Spec.: 4.5 - 7.5	136.8	69	38

**STRENGTH DATA**

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
8 / 2556	7	04/15/2024	4040		Type 2

04/23/2024

Reviewed by: Robert Jaquet, PE



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 8      **Sample #:** 720      **Placement Date:** 04/08/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Sunny      **Air Temp (°F):** 38  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500

**Placement Location:** Bridge - Wing Wall Footer      **Location Details:** Footing N1, NW footing, 10' S and 10' E off NW corner

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
8	351 86734063	10.00	Slump: 5 1/2 Spec: 5 - 7	Result: 6.8 Spec.: 4.5 - 7.5	136.8	69	38

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
8 / 2556	7	04/15/2024	4040		Type 2
8 / 2557	28	05/06/2024	5120	CP	Type 3
8 / 2558	28	05/06/2024	4700	CP	Type 2
8 / 2559	28	05/06/2024	5050	CP	Type 3

**Average Strength (psi):** 28 Day - 4960 psi



05/07/2024

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## Set 9



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 9      **Sample #:** 722      **Placement Date:** 04/08/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Sunny      **Air Temp (°F):** 43  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall Footer      **Location Details:** Footing N1, NW footing, 10' N. and 10' W. off SE corner

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
9	52 86734083	12.00	Slump: 6 Spec: 5 - 7	Result: 4.7 Spec.: 4.5 - 7.5	139.2	70	43

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
9 / 2561	7	04/15/2024	4720		Type 3

04/23/2024

Reviewed by: Robert Jaquet, PE



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 9      **Sample #:** 722      **Placement Date:** 04/08/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Sunny      **Air Temp (°F):** 43  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall Footer      **Location Details:** Footing N1, NW footing, 10' N. and 10' W. off SE corner

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
9	52 86734083	12.00	Slump: 6 Spec: 5 - 7	Result: 4.7 Spec.: 4.5 - 7.5	139.2	70	43

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
9 / 2561	7	04/15/2024	4720		Type 3
9 / 2562	28	05/06/2024	5630	CP	Type 3
9 / 2563	28	05/06/2024	5660	CP	Type 2
9 / 2564	28	05/06/2024	5420	CP	Type 2

**Average Strength (psi):** 28 Day - 5570 psi



05/07/2024

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## Set 10



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 10      **Sample #:** 725      **Placement Date:** 04/08/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Sunny      **Air Temp (°F):** 45  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall Footer      **Location Details:** Footing N1, NW footing, 15' E. and 50' S. off NW corner

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
10	52 86734099	10.00	Slump: 5 3/4 Spec: 5 - 7	Result: 6.4 Spec.: 4.5 - 7.5	137.6	70	45

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
10 / 2570	7	04/15/2024	4130		Type 3

04/23/2024

Reviewed by: Robert Jaquet, PE



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 10      **Sample #:** 725      **Placement Date:** 04/08/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Sunny      **Air Temp (°F):** 45  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500

**Placement Location:** Bridge - Wing Wall Footer      **Location Details:** Footing N1, NW footing, 15' E. and 50' S. off NW corner

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
10	52 86734099	10.00	Slump: 5 3/4 Spec: 5 - 7	Result: 6.4 Spec.: 4.5 - 7.5	137.6	70	45

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
10 / 2570	7	04/15/2024	4130		Type 3
10 / 2571	28	05/06/2024	5460	CP	Type 2
10 / 2572	28	05/06/2024	5310	CP	Type 3
10 / 2573	28	05/06/2024	5440	CP	Type 2

**Average Strength (psi):** 28 Day - 5400 psi



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## Set 11



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 11      **Sample #:** 762      **Placement Date:** 04/11/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Sunny / Partly Cloudy      **Air Temp (°F):** 43

**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500

**Placement Location:** Bridge - Wing Wall Footer      **Location Details:** Footing N2, NE footing, 10' S. and 10' E. off NW corner

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
11	25 86734357	12.00	Slump: 6 3/4 Spec: 5 - 7	Result: 6 Spec.: 4.5 - 7.5	136.8	81	43

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
11 / 2715	7	04/18/2024	3510		Type 3

04/23/2024

Reviewed by: Robert Jaquet, PE



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 11      **Sample #:** 762      **Placement Date:** 04/11/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Sunny / Partly Cloudy      **Air Temp (°F):** 43  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500

**Placement Location:** Bridge - Wing Wall Footer      **Location Details:** Footing N2, NE footing, 10' S. and 10' E. off NW corner

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
11	25 86734357	12.00	Slump: 6 3/4 Spec: 5 - 7	Result: 6 Spec.: 4.5 - 7.5	136.8	81	43

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
11 / 2715	7	04/18/2024	3510		Type 3
11 / 2716	28	05/09/2024	4300	CF	Type 2

**Average Strength (psi):** 28 Day - 4300 psi

**56 Day Breaks will be provided when available.**



05/13/2024

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505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

**Client:**

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

**Project:**

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 11      **Sample #:** 762      **Placement Date:** 04/11/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Sunny / Partly Cloudy      **Air Temp (°F):** 43  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Footings      **Location Details:** Footing N2, NE footing, 10' S. and 10' E. off NW corner

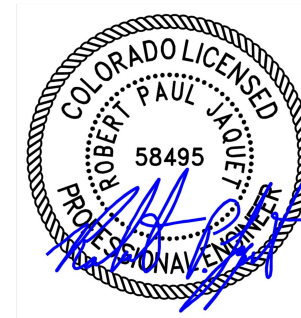
**PLACEMENT DATA**

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
11	25 86734357	12.00	Slump: 6 3/4 Spec: 5 - 7	Result: 6 Spec.: 4.5 - 7.5	136.8	81	43

**STRENGTH DATA**

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
11 / 2715	7	04/18/2024	3530		Type 3
11 / 2716	28	05/09/2024	4300	CF	Type 2
11 / 2717	56	06/06/2024	4620	CP	Type 2
11 / 2718	56	06/06/2024	4940	CP	Type 2
11 / 2719	56	06/06/2024	4810	CP	Type 2

**Average Strength (psi):** 7 Day - 3530 psi, 28 Day - 4300 psi, 56 Day - 4790 psi



06/11/2024

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## Set 12



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

**Client:**

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

**Project:**

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 12      **Sample #:** 768      **Placement Date:** 04/11/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Sunny / Partly Cloudy      **Air Temp (°F):** 48

**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500

**Placement Location:** Bridge - Wing Wall Footer      **Location Details:** Footing N2, NE footing, 10'N and 10'W off SE corner

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
12	30 86734378	12.00	Slump: 7 Spec: 5 - 7	Result: 6.6 Spec.: 4.5 - 7.5	136.8	82	48

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
12 / 2684	7	04/18/2024	3490		Type 3

04/23/2024

Reviewed by: Robert Jaquet, PE



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 12      **Sample #:** 768      **Placement Date:** 04/11/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Sunny / Partly Cloudy      **Air Temp (°F):** 48

**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500

**Placement Location:** Bridge - Wing Wall Footer      **Location Details:** Footing N2, NE footing, 10'N and 10'W off SE corner

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
12	30 86734378	12.00	Slump: 7 Spec: 5 - 7	Result: 6.6 Spec.: 4.5 - 7.5	136.8	82	48

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
12 / 2684	7	04/18/2024	3490		Type 3
12 / 2685	28	05/09/2024	4440	CF	Type 3
12 / 2686	28	05/09/2024	4450	CF	Type 3

**Average Strength (psi):**

56 Day Breaks will be provided when available.



05/13/2024

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505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 12      **Sample #:** 768      **Placement Date:** 04/11/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Sunny / Partly Cloudy      **Air Temp (°F):** 48

**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500

**Placement Location:** Bridge - Footings      **Location Details:** Footing N2, NE footing, 10'N and 10'W off SE corner

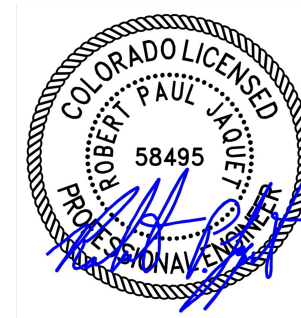
### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
12	30 86734378	12.00	Slump: 7 Spec: 5 - 7	Result: 6.6 Spec.: 4.5 - 7.5	136.8	82	48

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
12 / 2684	7	04/18/2024	3490		Type 3
12 / 2685	28	05/09/2024	4440	CF	Type 3
12 / 2686	28	05/09/2024	4450	CF	Type 3
12 / 2687	56	06/06/2024	4440	CP	Type 2
12 / 2688	56	06/06/2024	5130	CP	Type 3

**Average Strength (psi):** 7 Day - 3490 psi, 28 Day - 4440 psi, 56 Day - 4790 psi



06/11/2024

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## Set 13



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 13      **Sample #:** 772      **Placement Date:** 04/11/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Sunny / Partly Cloudy      **Air Temp (°F):** 54  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall Footer      **Location Details:** Footing N2, NE footing, 50'S and 15'W off NE corner

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
13	34 86734405	12.00	Slump: 7 Spec: 5 - 7	Result: 5.4 Spec.: 4.5 - 7.5	138.4	85	54

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
13 / 2732	7	04/18/2024	3830		Type 3

04/23/2024

Reviewed by: Robert Jaquet, PE



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 13      **Sample #:** 772      **Placement Date:** 04/11/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Sunny / Partly Cloudy      **Air Temp (°F):** 54  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500

**Placement Location:** Bridge - Wing Wall Footer      **Location Details:** Footing N2, NE footing, 50'S and 15'W off NE corner

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
13	34 86734405	12.00	Slump: 7 Spec: 5 - 7	Result: 5.4 Spec.: 4.5 - 7.5	138.4	85	54

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
13 / 2732	7	04/18/2024	3830		Type 3
13 / 2733	28	05/09/2024	4260	CF	Type 2

**Average Strength (psi):** 7 Day - 3830 psi, 28 Day - 4270 psi

**56 Day Breaks will be provided when available.**



05/13/2024

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505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

**Client:**

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

**Project:**

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 11      **Sample #:** 762      **Placement Date:** 04/11/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Sunny / Partly Cloudy      **Air Temp (°F):** 43  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Footings      **Location Details:** Footing N2, NE footing, 10' S. and 10' E. off NW corner

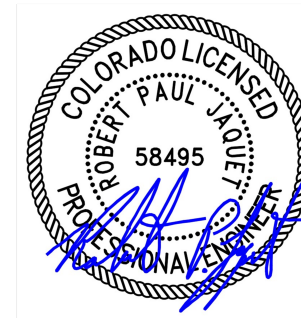
**PLACEMENT DATA**

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
11	25 86734357	12.00	Slump: 6 3/4 Spec: 5 - 7	Result: 6 Spec.: 4.5 - 7.5	136.8	81	43

**STRENGTH DATA**

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
11 / 2715	7	04/18/2024	3530		Type 3
11 / 2716	28	05/09/2024	4300	CF	Type 2
11 / 2717	56	06/06/2024	4620	CP	Type 2
11 / 2718	56	06/06/2024	4940	CP	Type 2
11 / 2719	56	06/06/2024	4810	CP	Type 2

**Average Strength (psi):** 7 Day - 3530 psi, 28 Day - 4300 psi, 56 Day - 4790 psi



06/11/2024

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Set 14



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

**Client:**

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

**Project:**

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 14      **Sample #:** 1334      **Placement Date:** 06/06/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Sunny      **Air Temp (°F):** 66  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall      **Location Details:** South headwall, West side

**PLACEMENT DATA**

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
14	351 86737752	10.00	Slump: 5 Spec: 5 - 7	Result: 6 Spec.: 4.5 - 7.5	138.4	77	66

**STRENGTH DATA**

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
14 / 4857	7	06/13/2024	3890		Type 3

06/25/2024

Reviewed by: Robert Jaquet, PE



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 14      **Sample #:** 1334      **Placement Date:** 06/06/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Sunny      **Air Temp (°F):** 66  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall      **Location Details:** South headwall, West side

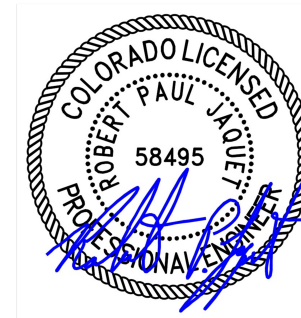
### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
14	351 86737752	10.00	Slump: 5 Spec: 5 - 7	Result: 6 Spec.: 4.5 - 7.5	138.4	77	66

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
14 / 4857	7	06/13/2024	3890		Type 3
14 / 4858	28	07/04/2024	5260	CP	Type 3
14 / 4859	28	07/04/2024	5340	CP	Type 3
14 / 4860	28	07/04/2024	5130	CP	Type 3

**Average Strength (psi):** 7 Day - 3890 psi, 29 Day - 5250 psi



07/08/2024

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Set 15



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 15      **Sample #:** 1345      **Placement Date:** 06/06/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Sunny      **Air Temp (°F):** 85  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall      **Location Details:** S side headwall, E side

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
15	34 86737821	10.00	Slump: 6 1/2 Spec: 5 - 7	Result: 6 Spec.: 4.5 - 7.5	137.2	85	85

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
15 / 4863	7	06/13/2024	3370		Type 3

06/25/2024

Reviewed by: Robert Jaquet, PE



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

**Client:**

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

**Project:**

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 15      **Sample #:** 1345      **Placement Date:** 06/06/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Sunny      **Air Temp (°F):** 85  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall      **Location Details:** S side headwall, E side

**PLACEMENT DATA**

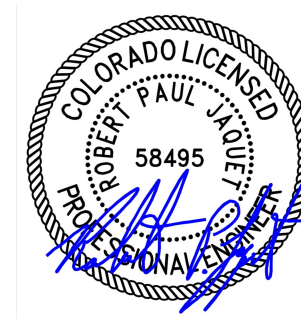
Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
15	34 86737821	10.00	Slump: 6 1/2 Spec: 5 - 7	Result: 6 Spec.: 4.5 - 7.5	137.2	85	85

**STRENGTH DATA**

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
15 / 4863	7	06/13/2024	3370		Type 3
15 / 4864	28	07/04/2024	4260	CF	Type 3

**Average Strength (psi):**

**56 Day Breaks will be provided when available.**



07/08/2024

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**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 15      **Sample #:** 1345      **Placement Date:** 06/06/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Sunny      **Air Temp (°F):** 85  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall      **Location Details:** S side headwall, E side

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
15	34 86737821	10.00	Slump: 6 1/2 Spec: 5 - 7	Result: 6 Spec.: 4.5 - 7.5	137.2	85	85

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
15 / 4863	7	06/13/2024	3370	Type 3
15 / 4864	28	07/04/2024	4260	Type 3
15 / 4865	56	08/01/2024	4540	Type 3
15 / 4866	56	08/01/2024	4480	Type 3
15 / 4867	56	08/01/2024	4520	Type 3
15 / 4868	56	08/01/2024	4710	Type 3

**Average Strength (psi):** 7 Day - 3370 psi, 29 Day - 4260 psi, 56 Day - 4560 psi

08/19/2024

Reviewed by: Dylan Gassmann, PE

Set 16



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 16      **Sample #:** 1620      **Placement Date:** 06/28/2024      **Technician:** Jayce Barnhart      **Weather Conditions:** Sunny      **Air Temp (°F):** 73  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall      **Location Details:** West end, north wing wall      **Lat/Long:** 38.9674858 / -104.6688386

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
16	349 86739109	12.00	Slump: 6 Spec: 5 - 7	Result: 7.5 Spec.: 4.5 - 7.5	138.3	81	73

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
16 / 5850	3	07/01/2024	3210		Type 2
16 / 5846	7	07/05/2024	3360		Type 3
16 / 5847	28	07/26/2024	4420	CF	Type 2
16 / 5848	28	07/26/2024	4060	CF	Type 2

**Average Strength (psi):** 3 Day - 3210 psi, 7 Day - 3360 psi, 28 Day - 4240 psi



07/29/2024

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Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 16      **Sample #:** 1620      **Placement Date:** 06/28/2024      **Technician:** Jayce Barnhart      **Weather Conditions:** Sunny      **Air Temp (°F):** 73  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall      **Location Details:** West end, north wing wall      **Lat/Long:** 38.9674858 / -104.6688386

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
16	349 86739109	12.00	Slump: 6 Spec: 5 - 7	Result: 7.5 Spec.: 4.5 - 7.5	138.3	81	73

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
16 / 5850	3	07/01/2024	3210	Type 2
16 / 5846	7	07/05/2024	3360	Type 3
16 / 5848	28	07/26/2024	4060	Type 2
16 / 5847	28	07/26/2024	4420	Type 2
16 / 5849	56	08/23/2024	4730	Type 3
16 / 5851	56	08/23/2024	4470	Type 3

**Average Strength (psi):** 3 Day - 3210 psi, 7 Day - 3360 psi, 28 Day - 4240 psi, 56 Day - 4600 psi

08/28/2024

Reviewed by: Dylan Gassmann, PE

Set 17



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 17      **Sample #:** 1626      **Placement Date:** 06/28/2024      **Technician:** Jayce Barnhart      **Weather Conditions:** Sunny      **Air Temp (°F):** 81  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall      **Location Details:** West end, north wing wall (Z axis 4')

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
17	19 86739134	8.00	Slump: 6 Spec: 5 - 7	Result: 7.5 Spec.: 4.5 - 7.5	137.1	84	81

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
17 / 5852	7	07/05/2024	3620		Type 3
17 / 5853	28	07/26/2024	3810	CF	Type 4

**Average Strength (psi):** 7 Day - 3620 psi, 28 Day - 3810 psi

**56 Day Breaks will be provided when available.**



07/29/2024

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Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 17      **Sample #:** 1626      **Placement Date:** 06/28/2024      **Technician:** Jayce Barnhart      **Weather Conditions:** Sunny      **Air Temp (°F):** 81  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall      **Location Details:** West end, north wing wall (Z axis 4')

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
17	19 86739134	8.00	Slump: 6 Spec: 5 - 7	Result: 7.5 Spec.: 4.5 - 7.5	137.1	84	81

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
17 / 5852	7	07/05/2024	3620	Type 3
17 / 5853	28	07/26/2024	3810	Type 4
17 / 5854	56	08/23/2024	4390	Type 2

**Average Strength (psi):** 7 Day - 3620 psi, 28 Day - 3810 psi, 56 Day - 4390 psi

08/28/2024

Reviewed by: Dylan Gassmann, PE



Entech Engineering  
505 Elkton Dr.  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 17      **Sample #:** 1626      **Placement Date:** 06/28/2024      **Technician:** Jayce Barnhart      **Weather Conditions:** Sunny      **Air Temp (°F):** 81  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall      **Location Details:** West end, north wing wall (Z axis 4')

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
17	19 86739134	8.00	Slump: 6 Spec: 5 - 7	Result: 7.5 Spec.: 4.5 - 7.5	137.1	84	81

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
17 / 5852	7	07/05/2024	3620	Type 3
17 / 5853	28	07/26/2024	3810	Type 4
17 / 5854	56	08/23/2024	4390	Type 2
17 / 5855	90	09/26/2024	4520	Type 3

**Average Strength (psi):** 7 Day - 3620 psi, 28 Day - 3810 psi, 56 Day - 4390 psi, 90 Day - 4520 psi

10/03/2024

Reviewed by: Dylan Gassmann, PE

Set 18



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 18      **Sample #:** 1628      **Placement Date:** 06/28/2024      **Technician:** Jayce Barnhart      **Weather Conditions:** Cloudy      **Air Temp (°F):** 82  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall      **Location Details:** East end, north wing wall      **Lat/Long:** 38.9678849 / -104.668198

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
18	83 86739186	10.00	Slump: 7 Spec: 5 - 7	Result: 6.2 Spec.: 4.5 - 7.5	138.7	84	82

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
18 / 5864	3	07/01/2024	3120		Type 2
18 / 5860	7	07/05/2024	3380		Type 2
18 / 5861	28	07/26/2024	4230	CF	Type 2

**Average Strength (psi):** 3 Day - 3120 psi, 7 Day - 3380 psi, 28 Day - 4230 psi

56 Day Breaks will be provided when available.



07/29/2024

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**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 18      **Sample #:** 1628      **Placement Date:** 06/28/2024      **Technician:** Jayce Barnhart      **Weather Conditions:** Cloudy      **Air Temp (°F):** 82  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall      **Location Details:** East end, north wing wall      **Lat/Long:** 38.9678849 / -104.668198

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
18	83 86739186	10.00	Slump: 7 Spec: 5 - 7	Result: 6.2 Spec.: 4.5 - 7.5	138.7	84	82

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
18 / 5864	3	07/01/2024	3140	Type 2
18 / 5860	7	07/05/2024	3380	Type 2
18 / 5861	28	07/26/2024	4230	Type 2
18 / 5862	56	08/23/2024	4730	Type 5
18 / 5863	56	08/23/2024	4810	Type 5
18 / 5865	56	08/23/2024	4670	Type 2

**Average Strength (psi):** 3 Day - 3140 psi, 7 Day - 3380 psi, 28 Day - 4230 psi, 56 Day - 4740 psi

08/28/2024

Reviewed by: Dylan Gassmann, PE

Set 19



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 19      **Sample #:** 1635      **Placement Date:** 06/29/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Sunny / Partly Cloudy      **Air Temp (°F):** 60

**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500

**Placement Location:** Bridge - Wing Wall Footer      **Location Details:** S2, SE wingwall footing, step 3 from base      **Lat/Long:** 38.9668302 / -104.6678564

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
19	79 86622281	10.00	Slump: 5 1/2 Spec: 5 - 7	Result: 4.5 Spec.: 4.5 - 7.5	142.0	73	60

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
19 / 5974	7	07/06/2024	4400		Type 3
19 / 5975	28	07/27/2024	4870	CP	Type 2
19 / 5976	28	07/27/2024	5240	CP	Type 3
19 / 5977	28	07/27/2024	5420	CP	Type 3

**Average Strength (psi):** 7 Day - 4400 psi, 28 Day - 5180 psi



07/29/2024

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Set 20



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 20      **Sample #:** 1786      **Placement Date:** 07/15/2024      **Technician:** Rodney Fannin      **Weather Conditions:** Cloudy      **Air Temp (°F):** 88  
**Contractor:** Rusin Concrete      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall      **Location Details:** 12' SW off the corner of the bridge

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
20	54 86739895	8.00	Slump: 6 1/4 Spec: 5 - 7	Result: 6.2 Spec.: 4.5 - 7.5	139.2	90	88

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
20 / 6518	7	07/22/2024	3720	Type 3
20 / 6519	28	08/12/2024	4320	Type 2

**Average Strength (psi):** 7 Day - 3720 psi, 28 Day - 4320 psi

**56 Day Breaks will be provided when available.**

08/19/2024

Reviewed by: Dylan Gassmann, PE



Entech Engineering  
505 Elkton Dr.  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 20      **Sample #:** 1786      **Placement Date:** 07/15/2024      **Technician:** Rodney Fannin      **Weather Conditions:** Cloudy      **Air Temp (°F):** 88

**Contractor:** Rusin Concrete      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500

**Placement Location:** Bridge - Wing Wall      **Location Details:** 12' SW off the corner of the bridge

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
20	54 86739895	8.00	Slump: 6 1/4 Spec: 5 - 7	Result: 6.2 Spec.: 4.5 - 7.5	139.2	90	88

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
20 / 6518	7	07/22/2024	3720	Type 3
20 / 6519	28	08/12/2024	4320	Type 2
20 / 6520	56	09/09/2024	5060	Type 3
20 / 6521	56	09/09/2024	4800	Type 3

**Average Strength (psi):** 7 Day - 3720 psi, 28 Day - 4320 psi, 56 Day - 4930 psi

09/16/2024

Reviewed by: Dylan Gassmann, PE

## Set 21



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 21      **Sample #:** 1805      **Placement Date:** 07/16/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Partly Cloudy / Cloudy      **Air Temp (°F):** 63  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall Footer      **Location Details:** Wingwall N1, NW wingwall footing      **Lat/Long:** 38.9678572 / -104.6686857

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
21	28 86739992	10.00	Slump: 6 1/2 Spec: 5 - 7	Result: 6.5 Spec.: 4.5 - 7.5	136.8	77	63

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
21 / 6741	7	07/23/2024	3610		Type 2

08/01/2024

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Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 21      **Sample #:** 1805      **Placement Date:** 07/16/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Partly Cloudy / Cloudy      **Air Temp (°F):** 63  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall Footer      **Location Details:** Wingwall N1, NW wingwall footing      **Lat/Long:** 38.9678572 / -104.6686857

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
21	28 86739992	10.00	Slump: 6 1/2 Spec: 5 - 7	Result: 6.5 Spec.: 4.5 - 7.5	136.8	77	63

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
21 / 6741	7	07/23/2024	3610	Type 2
21 / 6742	28	08/13/2024	4140	Type 2

**Average Strength (psi):** 7 Day - 3610 psi, 28 Day - 4140 psi

**56 Day Breaks will be provided when available.**

08/19/2024

Reviewed by: Dylan Gassmann, PE



Entech Engineering  
505 Elkton Dr.  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 21      **Sample #:** 1805      **Placement Date:** 07/16/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Partly Cloudy / Cloudy      **Air Temp (°F):** 63  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall Footer      **Location Details:** Wingwall N1, NW wingwall footing      **Lat/Long:** 38.9678572 / -104.6686857

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
21	28 86739992	10.00	Slump: 6 1/2 Spec: 5 - 7	Result: 6.5 Spec.: 4.5 - 7.5	136.8	77	63

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
21 / 6741	7	07/23/2024	3610	Type 2
21 / 6742	28	08/13/2024	4140	Type 2
21 / 6743	56	09/10/2024	4280	Type 2

**Average Strength (psi):** 7 Day - 3610 psi, 28 Day - 4140 psi, 56 Day - 4280 psi

09/16/2024

Reviewed by: Dylan Gassmann, PE



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505 Elkton Dr.  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 21      **Sample #:** 1805      **Placement Date:** 07/16/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Partly Cloudy / Cloudy      **Air Temp (°F):** 63

**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500

**Placement Location:** Bridge - Wing Wall Footer      **Location Details:** Wingwall N1, NW wingwall footing      **Lat/Long:** 38.9678572 / -104.6686857

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
21	28 86739992	10.00	Slump: 6 1/2 Spec: 5 - 7	Result: 6.5 Spec.: 4.5 - 7.5	136.8	77	63

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
21 / 6741	7	07/23/2024	3610	Type 2
21 / 6742	28	08/13/2024	4140	Type 2
21 / 6743	56	09/10/2024	4280	Type 2
21 / 6744	90	10/14/2024	5020	Type 3
21 / 6745	90	10/14/2024	4840	Type 2
21 / 6746	90	10/14/2024	4610	Type 3

**Average Strength (psi):** 7 Day - 3610 psi, 28 Day - 4140 psi, 56 Day - 4280 psi, 90 Day - 4820 psi

10/15/2024

Reviewed by: Dylan Gassmann, PE

Set 22



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505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 22      **Sample #:** 1826      **Placement Date:** 07/17/2024      **Technician:** Michael Crytser      **Weather Conditions:** Sunny      **Air Temp (°F):** 79  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall      **Location Details:** SE wing wall, 30' West off East corner      **Lat/Long:** 38.9667401 / -104.6679285

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
22	46 86740020	8.00	Slump: 5 Spec: 5 - 7	Result: 5 Spec.: 4.5 - 7.5	141.2	82	79

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
22 / 6663	7	07/24/2024	4280		Type 3

08/01/2024

Reviewed by: Dylan Gassmann, PE



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505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 22      **Sample #:** 1826      **Placement Date:** 07/17/2024      **Technician:** Michael Crytser      **Weather Conditions:** Sunny      **Air Temp (°F):** 79  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall      **Location Details:** Wing Wall S2 (southeast), 30' West off East corner      **Lat/Long:** 38.9667401 / -104.6679285

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
22	46 86740020	8.00	Slump: 5 Spec: 5 - 7	Result: 5 Spec.: 4.5 - 7.5	141.2	82	79

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
22 / 6663	7	07/24/2024	4280	Type 3
22 / 6664	28	08/14/2024	4770	Type 3
22 / 6665	28	08/14/2024	4680	Type 2
22 / 6666	28	08/14/2024	4810	Type 6

**Average Strength (psi):** 7 Day - 4290 psi, 28 Day - 4750 psi

08/19/2024

Reviewed by: Dylan Gassmann, PE

Set 23



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505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 23      **Sample #:** 1828      **Placement Date:** 07/17/2024      **Technician:** Michael Crytser      **Weather Conditions:** Sunny      **Air Temp (°F):** 77  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall      **Location Details:** 5' West off SE corner of SE wing wall      **Lat/Long:** 38.9668088 / -104.6681328

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
23	351 86740043	9.00	Slump: 5 1/2 Spec: 5 - 7	Result: 7.2 Spec.: 4.5 - 7.5	138.8	84	77

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Remark	Fracture Pattern
23 / 6667	7	07/24/2024	3720		Type 2

08/01/2024

Reviewed by: Dylan Gassmann, PE



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505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 23      **Sample #:** 1828      **Placement Date:** 07/17/2024      **Technician:** Michael Crytser      **Weather Conditions:** Sunny      **Air Temp (°F):** 77  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall      **Location Details:** Wing Wall S2, 5' West off SE corner of SE wing wall      **Lat/Long:** 38.9668088 / -104.6681328

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
23	351 86740043	9.00	Slump: 5 1/2 Spec: 5 - 7	Result: 7.2 Spec.: 4.5 - 7.5	138.8	84	77

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
23 / 6667	7	07/24/2024	3720	Type 2
23 / 6668	28	08/14/2024	4240	Type 2

**Average Strength (psi):** 7 Day - 3730 psi, 28 Day - 4240 psi

**56 Day Breaks will be provided when available.**

08/19/2024

Reviewed by: Dylan Gassmann, PE



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Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 23      **Sample #:** 1828      **Placement Date:** 07/17/2024      **Technician:** Michael Crytser      **Weather Conditions:** Sunny      **Air Temp (°F):** 77  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall      **Location Details:** Wing Wall S2, 5' West off SE corner of SE wing wall      **Lat/Long:** 38.9668088 / -104.6681328

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
23	351 86740043	9.00	Slump: 5 1/2 Spec: 5 - 7	Result: 7.2 Spec.: 4.5 - 7.5	138.8	84	77

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
23 / 6667	7	07/24/2024	3720	Type 2
23 / 6668	28	08/14/2024	4240	Type 2
23 / 6669	56	09/11/2024	4880	Type 2
23 / 6670	56	09/11/2024	4690	Type 3

**Average Strength (psi):** 7 Day - 3730 psi, 28 Day - 4240 psi, 56 Day - 4790 psi

09/16/2024

Reviewed by: Dylan Gassmann, PE

Set 24



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505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 24      **Sample #:** 1903      **Placement Date:** 07/24/2024      **Technician:** Jayce Barnhart      **Weather Conditions:** Sunny      **Air Temp (°F):** 83  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall      **Location Details:** South end west wing wall      **Lat/Long:** 38.9665871 / -104.669257

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
24	8723 86740423	10.00	Slump: 5 Spec: 5 - 7	Result: 7.5 Spec.: 5 - 8	136.6	88	83

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
24 / 6946	7	07/31/2024	4030	Type 2

08/27/2024

Reviewed by: Bob Klingsick, PE



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505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 24      **Sample #:** 1903      **Placement Date:** 07/24/2024      **Technician:** Jayce Barnhart      **Weather Conditions:** Sunny      **Air Temp (°F):** 83  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall      **Location Details:** South end west wing wall      **Lat/Long:** 38.9665871 / -104.669257

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
24	8723 86740423	10.00	Slump: 5 Spec: 5 - 7	Result: 7.5 Spec.: 5 - 8	136.6	88	83

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
24 / 6946	7	07/31/2024	4030	Type 2
24 / 6947	28	08/21/2024	4610	Type 2
24 / 6948	28	08/21/2024	4650	Type 2
24 / 6949	28	08/21/2024	4720	Type 3

**Average Strength (psi):** 7 Day - 4030 psi, 28 Day - 4660 psi

08/28/2024

Reviewed by: Dylan Gassmann, PE

Set 25



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 25      **Sample #:** 1951      **Placement Date:** 07/29/2024      **Technician:** Dillon Mercer      **Weather Conditions:** Sunny      **Air Temp (°F):** 86  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall      **Location Details:** North West Wing Wall      **Lat/Long:** 38.96773 / -104.66860

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
25	64 86740469	10.00	Slump: 6 1/4 Spec: 5 - 7	Result: 4.5 Spec.: 4.5 - 7.5	142.8	79	86

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
25 / 7076	7	08/05/2024	4290	Type 3
25 / 7077	28	08/26/2024	5160	Type 3
25 / 7078	28	08/26/2024	5180	Type 2
25 / 7079	28	08/26/2024	5050	Type 2

**Average Strength (psi):** 7 Day - 4290 psi, 28 Day - 5130 psi

08/28/2024

Reviewed by: Dylan Gassmann, PE

Set 26



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 26      **Sample #:** 1955      **Placement Date:** 07/29/2024      **Technician:** Dillon Mercer      **Weather Conditions:** Sunny      **Air Temp (°F):** 90  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall      **Location Details:** North West Wing Wall      **Lat/Long:** 38.96792 / -104.66872

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
26	30 86740484	100.00	Slump: 7 Spec: 5 - 7	Result: 6.5 Spec.: 4.5 - 7.5	138.3	82	90

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
26 / 7092	7	08/05/2024	3860	Type 3
26 / 7093	28	08/26/2024	4150	Type 2

**Average Strength (psi):** 7 Day - 3860 psi, 28 Day - 4150 psi

**56 Day Breaks will be provided when available.**

08/28/2024

Reviewed by: Dylan Gassmann, PE



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Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 26      **Sample #:** 1955      **Placement Date:** 07/29/2024      **Technician:** Dillon Mercer      **Weather Conditions:** Sunny      **Air Temp (°F):** 90  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall      **Location Details:** North West Wing Wall      **Lat/Long:** 38.96792 / -104.66872

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
26	30 86740484	100.00	Slump: 7 Spec: 5 - 7	Result: 6.5 Spec.: 4.5 - 7.5	138.3	82	90

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
26 / 7092	7	08/05/2024	3860	Type 3
26 / 7093	28	08/26/2024	4150	Type 2
26 / 7094	56	09/23/2024	4680	Type 2
26 / 7095	56	09/23/2024	5030	Type 3

**Average Strength (psi):** 7 Day - 3860 psi, 28 Day - 4150 psi, 56 Day - 4850 psi

09/30/2024

Reviewed by: Dylan Gassmann, PE

Set 27



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Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 27      **Sample #:** 2099      **Placement Date:** 08/13/2024      **Technician:** Dillon Mercer      **Weather Conditions:** Sunny / Cloudy      **Air Temp (°F):** 63  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall      **Location Details:** West Side, North End Bridge Wing Walls      **Lat/Long:** 38.96783 / -104.66857

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
27	351 86741147	10.00	Slump: 6 Spec: 5 - 7	Result: 7.2 Spec.: 5 - 8	135.6	71	63

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
27 / 7604	7	08/20/2024	3050	Type 2

08/26/2024

Reviewed by: Dylan Gassmann, PE



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Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 27      **Sample #:** 2099      **Placement Date:** 08/13/2024      **Technician:** Dillon Mercer      **Weather Conditions:** Sunny / Cloudy      **Air Temp (°F):** 63  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall      **Location Details:** West Side, North End Bridge Wing Walls      **Lat/Long:** 38.96783 / -104.66857

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
27	351 86741147	10.00	Slump: 6 Spec: 5 - 7	Result: 7.2 Spec.: 5 - 8	135.6	71	63

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
27 / 7604	7	08/20/2024	3050	Type 2
27 / 7605	28	09/10/2024	3480	Type 2

**Average Strength (psi):** 7 Day - 3060 psi, 28 Day - 3480 psi

**56 Day Breaks will be provided when available.**

09/16/2024

Reviewed by: Dylan Gassmann, PE



Entech Engineering  
505 Elkton Dr.  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 27      **Sample #:** 2099      **Placement Date:** 08/13/2024      **Technician:** Dillon Mercer      **Weather Conditions:** Sunny / Cloudy      **Air Temp (°F):** 63  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall      **Location Details:** West Side, North End Bridge Wing Walls      **Lat/Long:** 38.96783 / -104.66857

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
27	351 86741147	10.00	Slump: 6 Spec: 5 - 7	Result: 7.2 Spec.: 5 - 8	135.6	71	63

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
27 / 7604	7	08/20/2024	3050	Type 2
27 / 7605	28	09/10/2024	3480	Type 2
27 / 7606	56	10/08/2024	4220	Type 2

**Average Strength (psi):** 7 Day - 3060 psi, 28 Day - 3480 psi

10/10/2024

Reviewed by: Robert Jaquet, PE



Entech Engineering  
505 Elkton Dr.  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 27      **Sample #:** 2099      **Placement Date:** 08/13/2024      **Technician:** Dillon Mercer      **Weather Conditions:** Sunny / Cloudy      **Air Temp (°F):** 63  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall      **Location Details:** West Side, North End Bridge Wing Walls      **Lat/Long:** 38.96783 / -104.66857

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
27	351 86741147	10.00	Slump: 6 Spec: 5 - 7	Result: 7.2 Spec.: 5 - 8	135.6	71	63

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
27 / 7604	7	08/20/2024	3050	Type 2
27 / 7605	28	09/10/2024	3480	Type 2
27 / 7606	56	10/08/2024	4220	Type 2
27 / 7607	90	11/11/2024	4620	Type 3
27 / 7608	90	11/11/2024	4570	Type 6

**Average Strength (psi):** 7 Day - 3060 psi, 28 Day - 3480 psi, 56 Day - 4220 psi, 90 Day - 4590 psi

11/15/2024

Reviewed by: Dylan Gassmann, PE

Set 28



**Entech Engineering**  
505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 28      **Sample #:** 2103      **Placement Date:** 08/13/2024      **Technician:** Dillon Mercer      **Weather Conditions:** Sunny / Cloudy      **Air Temp (°F):** 63  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall      **Location Details:** West Side, North End Bridge Wing Walls      **Lat/Long:** 38.96793 / -104.66869

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
28	31 86741170	10.00	Slump: 7 1/4 Spec: 5 - 7	Result: 6.2 Spec.: 5 - 8	136.0	75	63

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
28 / 7613	7	08/20/2024	3090	Type 2

08/26/2024

Reviewed by: Dylan Gassmann, PE



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505 Elkton Dr.  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 28      **Sample #:** 2103      **Placement Date:** 08/13/2024      **Technician:** Dillon Mercer      **Weather Conditions:** Sunny / Cloudy      **Air Temp (°F):** 63  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall      **Location Details:** West Side, North End Bridge Wing Walls      **Lat/Long:** 38.96793 / -104.66869

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
28	31 86741170	10.00	Slump: 7 1/4 Spec: 5 - 7	Result: 6.2 Spec.: 5 - 8	136.0	75	63

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
28 / 7613	7	08/20/2024	3090	Type 2
28 / 7614	28	09/10/2024	3480	Type 3

**Average Strength (psi):** 7 Day - 3090 psi, 28 Day - 3480 psi

**56 Day Breaks will be provided when available.**

09/16/2024

Reviewed by: Dylan Gassmann, PE



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505 Elkton Dr.  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 28      **Sample #:** 2103      **Placement Date:** 08/13/2024      **Technician:** Dillon Mercer      **Weather Conditions:** Sunny / Cloudy      **Air Temp (°F):** 63  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall      **Location Details:** West Side, North End Bridge Wing Walls      **Lat/Long:** 38.96793 / -104.66869

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
28	31 86741170	10.00	Slump: 7 1/4 Spec: 5 - 7	Result: 6.2 Spec.: 5 - 8	136.0	75	63

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
28 / 7613	7	08/20/2024	3090	Type 2
28 / 7614	28	09/10/2024	3480	Type 3
28 / 7615	56	10/08/2024	4110	Type 3
28 / 7616	56	10/08/2024	3700	Type 5

**Average Strength (psi):** 7 Day - 3090 psi, 28 Day - 3480 psi, 56 Day - 3910 psi

10/10/2024

Reviewed by: Robert Jaquet, PE



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505 Elkton Dr.  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 28      **Sample #:** 2103      **Placement Date:** 08/13/2024      **Technician:** Dillon Mercer      **Weather Conditions:** Sunny / Cloudy      **Air Temp (°F):** 63  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall      **Location Details:** West Side, North End Bridge Wing Walls      **Lat/Long:** 38.96793 / -104.66869

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
28	31 86741170	10.00	Slump: 7 1/4 Spec: 5 - 7	Result: 6.2 Spec.: 5 - 8	136.0	75	63

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
28 / 7613	7	08/20/2024	3090	Type 2
28 / 7614	28	09/10/2024	3480	Type 3
28 / 7615	56	10/08/2024	4110	Type 3
28 / 7616	56	10/08/2024	3700	Type 5
28 / 7617	90	11/11/2024	4530	Type 2

**Average Strength (psi):** 7 Day - 3090 psi, 28 Day - 3480 psi, 56 Day - 3910 psi, 90 Day - 4530 psi

11/15/2024

Reviewed by: Dylan Gassmann, PE

Set 29



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505 Elkton Dr  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 29      **Sample #:** 2141      **Placement Date:** 08/17/2024      **Technician:** Rodney Fannin      **Weather Conditions:** Partly Cloudy      **Air Temp (°F):** 79

**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500

**Placement Location:** Bridge - Footings      **Location Details:** Pour began at STA 71+68, in the footing approximately 31' below grade      **Lat/Long:** 38.9677055 / -104.6681187

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
29	19 86624651	10.00	Slump: 6 1/4 Spec: 5 - 7	Result: 6.2 Spec.: 5 - 8	140.8	72	79

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
29 / 7749	7	08/24/2024	4090	Type 3

08/28/2024

Reviewed by: Dylan Gassmann, PE



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## Concrete Test

**Client:**

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

**Project:**

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 29      **Sample #:** 2141      **Placement Date:** 08/17/2024      **Technician:** Rodney Fannin      **Weather Conditions:** Partly Cloudy      **Air Temp (°F):** 79

**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500

**Placement Location:** Bridge - Footings      **Location Details:** Pour began at STA 71+68, in the footing approximately 31' below grade      **Lat/Long:** 38.9677055 / -104.6681187

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
29	19 86624651	10.00	Slump: 6 1/4 Spec: 5 - 7	Result: 6.2 Spec.: 5 - 8	140.8	72	79

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
29 / 7749	7	08/24/2024	4090	Type 3
29 / 7750	28	09/14/2024	4970	Type 2
29 / 7751	28	09/14/2024	4830	Type 2
29 / 7752	28	09/14/2024	4850	Type 2

**Average Strength (psi):** 7 Day - 4100 psi, 28 Day - 4880 psi

09/16/2024

Reviewed by: Dylan Gassmann, PE

Set 30



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505 Elkton Dr.  
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## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 30      **Sample #:** 2198      **Placement Date:** 08/24/2024      **Technician:** Jack Bowyer      **Weather Conditions:** Sunny      **Air Temp (°F):** 71  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall      **Location Details:** Wall N1, 175ft Southeast of West side of wall      **Lat/Long:** 38.9674465 / -104.6688622

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
30	391 86523164	10.00	Slump: 6 3/4 Spec: 5 - 7	Result: 5.5 Spec.: 5 - 8	140.0	75	71

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
30 / 7943	7	08/31/2024	4240	Type 3

09/20/2024

Reviewed by: Dylan Gassmann, PE



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Colorado Springs, CO 80907  
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## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 30      **Sample #:** 2198      **Placement Date:** 08/24/2024      **Technician:** Jack Bowyer      **Weather Conditions:** Sunny      **Air Temp (°F):** 71  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Bridge - Wing Wall      **Location Details:** Wall N1, 175ft Southeast of West side of wall      **Lat/Long:** 38.9674465 / -104.6688622

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
30	391 86523164	10.00	Slump: 6 3/4 Spec: 5 - 7	Result: 5.5 Spec.: 5 - 8	140.0	75	71

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
30 / 7943	7	08/31/2024	4240	Type 3
30 / 7944	28	09/21/2024	5130	Type 2
30 / 7945	28	09/21/2024	5060	Type 2
30 / 7946	28	09/21/2024	4890	Type 2

**Average Strength (psi):** 7 Day - 4240 psi, 28 Day - 5020 psi

09/30/2024

Reviewed by: Dylan Gassmann, PE

Set 31



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Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 31      **Sample #:** 2260      **Placement Date:** 09/03/2024      **Technician:** Michael Crytser      **Weather Conditions:** Sunny      **Air Temp (°F):** 52  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Other      **Location Details:** North east wing wall, approximately 25 ft northeast of drain      **Lat/Long:** 38.9678472 / -104.6681301

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
31	48 86625379	10.00	Slump: 5 Spec: 5 - 7	Result: 6 Spec.: 5 - 8	140.8	75	52

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
31 / 8164	7	09/10/2024	3980	Type 2

09/20/2024

Reviewed by: Dylan Gassmann, PE



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Colorado Springs, CO 80907  
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## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 31      **Sample #:** 2260      **Placement Date:** 09/03/2024      **Technician:** Michael Crytser      **Weather Conditions:** Sunny      **Air Temp (°F):** 52  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Other      **Location Details:** North east wing wall, approximately 25 ft northeast of drain      **Lat/Long:** 38.9678472 / -104.6681301

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
31	48 86625379	10.00	Slump: 5 Spec: 5 - 7	Result: 6 Spec.: 5 - 8	140.8	75	52

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
31 / 8164	7	09/10/2024	3980	Type 2
31 / 8165	28	10/01/2024	5110	Type 3
31 / 8166	28	10/01/2024	5280	Type 3
31 / 8167	28	10/01/2024	5270	Type 2

**Average Strength (psi):** 7 Day - 3990 psi, 28 Day - 5220 psi

10/03/2024

Reviewed by: Dylan Gassmann, PE

Set 32



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Phone: 719-531-5599

## Concrete Test

**Client:**

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

**Project:**

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 32      **Sample #:** 2264      **Placement Date:** 09/03/2024      **Technician:** Michael Crytser      **Weather Conditions:** Sunny      **Air Temp (°F):** 73

**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500

**Placement Location:** Other      **Location Details:** Northeast wing wall, approximately 30 ft southwest from northeast corner      **Lat/Long:** 38.9681755 / -104.6698048

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
32	82 86625395	10.00	Slump: 5 1/2 Spec: 5 - 7	Result: 5.5 Spec.: 5 - 8	140.8	78	73

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
32 / 8176	7	09/10/2024	4120	Type 2

09/20/2024

Reviewed by: Dylan Gassmann, PE



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Colorado Springs, CO 80907  
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## Concrete Test

**Client:**

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

**Project:**

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 32      **Sample #:** 2264      **Placement Date:** 09/03/2024      **Technician:** Michael Crytser      **Weather Conditions:** Sunny      **Air Temp (°F):** 73

**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500

**Placement Location:** Other      **Location Details:** Northeast wing wall, approximately 30 ft southwest from northeast corner      **Lat/Long:** 38.9681755 / -104.6698048

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
32	82 86625395	10.00	Slump: 5 1/2 Spec: 5 - 7	Result: 5.5 Spec.: 5 - 8	140.8	78	73

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
32 / 8176	7	09/10/2024	4120	Type 2
32 / 8177	28	10/01/2024	5140	Type 2
32 / 8178	28	10/01/2024	4940	Type 2
32 / 8179	28	10/01/2024	5330	Type 5

**Average Strength (psi):** 7 Day - 4130 psi, 28 Day - 5140 psi

10/03/2024

Reviewed by: Dylan Gassmann, PE

Set 33



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505 Elkton Dr.  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 33      **Sample #:** 2519      **Placement Date:** 09/27/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Partly Cloudy      **Air Temp (°F):** 80  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Other      **Location Details:** Bridge grade control structure, 30' South of South headwall

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
33	81 86743508	10.00	Slump: 5 1/2 Spec: 4 - 8	Result: 5.6 Spec.: 4.5 - 7.5	139.2	82	80

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
33 / 9051	7	10/04/2024	4430	Type 2

10/10/2024

Reviewed by: Robert Jaquet, PE



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505 Elkton Dr.  
Colorado Springs, CO 80907  
Phone: 719-531-5599

## Concrete Test

### Client:

Classic Communities  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

### Project:

240082  
Sand Creek Crossing - Briargate Blvd (Bridge)  
Sand Creek Crossing - Briargate Blvd  
Colorado Springs, CO

**Set #:** 33      **Sample #:** 2519      **Placement Date:** 09/27/2024      **Technician:** Glenn McLaughlin      **Weather Conditions:** Partly Cloudy      **Air Temp (°F):** 80  
**Contractor:** Rusin      **Supplier:** Holcim      **Mix Design:** T34532110      **Specified Strength (psi):** 4500  
**Placement Location:** Other      **Location Details:** Bridge grade control structure, 30' South of South headwall

### PLACEMENT DATA

Set #	Truck # Ticket #	Load Vol (yd³)	Slump (in)	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (°F)	Air Temp (°F)
33	81 86743508	10.00	Slump: 5 1/2 Spec: 4 - 8	Result: 5.6 Spec.: 4.5 - 7.5	139.2	82	80

### STRENGTH DATA

Set / Test	Age (days)	Test Date	Strength (psi)	Fracture Pattern
33 / 9051	7	10/04/2024	4430	Type 2
33 / 9052	28	10/25/2024	4820	Type 5
33 / 9053	28	10/25/2024	5000	Type 2
33 / 9054	28	10/25/2024	4930	Type 2

**Average Strength (psi):** 7 Day - 4430 psi, 28 Day - 4920 psi

10/28/2024

Reviewed by: Dylan Gassmann, PE