

A-0001112

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at 90 days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand TXI
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith # 2 on Hammond Hwy W/(C+P) 0.
 Order No yd³ Represented by 3 cylinders Slump 4 1/2 in Air Content 4.5 %
 Truck No 179 Temps: Air 76 °F Concrete 81 °F Weather PT Cloudy
 Date 3-8-94 Time Batched 12:03 Time Molded 12:45 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing days

Delivered to Lab by: Corps A-E Contractor Cushioning Method

Signature Robert Dous Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
56-A	7	10 MAR 94	15 MAR 94	7	R.L.	C	95.0	3363	2
56-B	90	10 MAR 94	06 JUN 94	90	R.L.	C	171.5	6071	3
56-C	90	10 MAR 94	06 JUN 94	90	R.L.	C	173.5	6142	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 5 gallon added to truck

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at 90 days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type I Brand T&E
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolift # 2 + 15 W/(C+P) 0.?
 Order No ~~30~~ 41 yd³ Represented by 3 cylinders Slump 3 3/4 in Air Content 4.2 %
 Truck No 177 Temps: Air 74 °F Concrete 79 °F Weather Clear
 Date 3-7-94 Time Batched 11:27 Time Molded 12:20 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Robert Dow Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
55-A	7	10 MAR 94	14 MAR 94	7	R.L.	C	112.0	3965	2
55-B	90	10 MAR 94	06 JUN 94	91	R.L.	C	179.0	6337	3
55-C	90	10 MAR 94	06 JUN 94	91	R.L.	C	177.0	6266	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 5 gallons added on site
Cylinders taken on monolift #2
90 DAY TEST FALLS ON SUNDAY.

Concrete Compression Test Specimen Data

Project 17th St Canal East Side DACW29-93-C-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0.
 Cement (C) 376 lbs - ASTM Type 1 Brand T&I
 Pozzolan (P) 94 lbs - ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs - ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs - Size #/Grade Absorption % Source
 in Coarse Ag lbs - Size #/Grade Absorption % Source
 in Coarse Ag lbs - Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water 3 gal (8.33 lbs/gal) Source City Tap
 Fine Ag ? + Coarse Ag ? + Batch ? + Ice + Field 24.99 = Total Water (W) ? lbs
 Placement Location Manolift # 1 W/(C+P) 0.
 Order No 18 yd³ Represented by 3 cylinders Slump 3 3/4 in Air Content 4.8 %
 Truck No 178 Temps: Air 71 °F Concrete 78 °F Weather Clear
 Date 3-16-94 Time Batched 1:37 Time Molded 2:25 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing ? days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Robert Zow Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
59-A	7	18 MAR 94	23 MAR 94	7	R.L.	C	104.5	3699	2
59-B	90	18 MAR 94	14 JUN 94	90	R.L.	C	160.0	5664	3
59-C	90	18 MAR 94	14 JUN 94	90	R.L.	C	159.5	5646	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 3 gallons added on site

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081

Contractor Pittman Construction Concrete Supplier L.I.

Mixing: Central Job-Site Shrink (Truck) Transit (Truck) Mix Designation 91031

Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0.

Cement (C) 376 lbs ASTM Type 1 Brand TXI

Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc

Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source

3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source

in Coarse Ag lbs Size #/Grade Absorption % Source

in Coarse Ag lbs Size #/Grade Absorption % Source

A-B-A oz Made By Designation

W-R-A oz Made By Designation

Made By Designation

Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap

Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) ? lbs

Placement Location Monolith # 5 & 7 W/(C+P) 0. ?

Order No 39 yd³ Represented by 3 cylinders Slump 4 in Air Content 4.4 %

Truck No 177 Temps: Air 58 °F Concrete 66 °F Weather Clearing

Date 3-10-94 Time Batched 12:05 Time Molded 12:50 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F

Time cured in water tank on job site at 73.4±3 degrees F after initial curing days

Delivered to Lab by Corps A-B Contractor Cushioning Method

Signature Robert Zow Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
1 57A	7	11 MAR 94	17 MAR 94	7	R.L.	C	111.0	3929	2
1 57-B	90	11 MAR 94	08 JUN 94	90	R.L.	C	173.5	6142	3
1 57-C	90	11 MAR 94	08 JUN 94	90	R.L.	C	172.5	6107	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 7 GALLONS OF WATER ADDED ON SITE
CYLINDERS TAKEN ON MONOLIFT #5

MAR 14 1994

Concrete Compression Test Specimen Data

14th St. Canal East Side DACW29-93-C-0081

Pittman Construction Concrete Supplier L.I.

central Job Site Shrink (Truck) [x] Transit (Truck) Mix Designation 91031

9 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max

376 lbs ASTM Type 1 Brand TXI

99 lbs ASTM Class C Brand Holum, Inc

1318 lbs * ASTM LDOTD Absorption % Source

Ag 1775 lbs Size #/Grade Absorption % Source

Ag lbs Size #/Grade Absorption % Source

Ag lbs Size #/Grade Absorption % Source

oz Made By Designation

oz Made By Designation

Made By Designation

Ag % Coarse Ag % Field Water 5 gal (8.33 lbs/gal) Source City Tap

+ Coarse Ag ? + Batch ? + Ice + Field 41.65 = Total Water (W) ? lbs

ion Monolift # 4 South of Hammond Hwy W/(C+P) 0. ?

60 yd³ Represented by 3 cylinders Slump 3.5 in Air Content 4.1 %

72 Temp: Air 74 °F Concrete 79 °F Weather Clear

94 Time Batched 12:15 Time Molded 1:23 Molded By Alpha Testing

cylinder curing method at 60 to 80 degrees F

water tank on job site at 73.4 ± 3 degrees F after initial curing ? days

by: Corps A-B Contractor Cushioning Method

Robert Jones Title Technician

Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
7	14 MAR 94	18 MAR 94	7	L.B.	C	105.0	3717	1
90	14 MAR 94	09 JUN 94	90	R.L.	C	176.0	6230	3
90	14 MAR 94	09 JUN 94	90	R.L.	C	178.0	6301	3

Report No Break Type: 1 [] 2 [x] 3 [x] 4 []

low, note below if there is any discernible cause

5 GALLONS Added on site

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at 70 days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&E
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolift # 644 W/(C+P) 0.
 Order No 9385 yd³ Represented by 3 cylinders Slump 4 1/4 in Air Content 3.9 %
 Truck No 170 Temps: Air 64 °F Concrete 71 °F Weather pt cloudy
 Date 3-4-94 Time Batched 12:25 Time Molded 1:17 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Robert Dour Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
54-A	7	07 MAR 94	11 MAR 94	7	L.B.	C	105.0	3717	2
54-B	90	07 MAR 94	02 JUN 94	90	R.L.	C	179.0	6337	3
54-C	90	07 MAR 94	02 JUN 94	90	R.L.	C	181.5	6425	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 5 gallons added on site
Cylinder taken from monolift #6

MAY - 5 1994

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081

Contractor Pittman Construction Concrete Supplier L.I.

Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031

Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max

Cement (C) 376 lbs ASTM Type 1 Brand T&I

Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc

Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source

3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

A-E-A oz Made By Designation

W-R-A oz Made By Designation

 Made By Designation

Moisture: Fine Ag % Coarse Ag % Field Water 15 gal (8.33 lbs/gal) Source City Tap

Fine Ag + Coarse Ag + Batch + Ice + Field 124.95 = Total Water (W) ? lbs

Placement Location Monolith #23 & #25 W/(C+P) 0.?

Order No 45 yd³ Represented by 3 cylinders Slump 4 1/4 in Air Content 3.4 %

Truck No 105 Temps: Air 82 °F Concrete 85 °F Weather PT. Cloudy

Date 5-4-94 Time Batched 1:28 Time Molded 2:11 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F

Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days

Delivered to Lab by: Corps A-E Contractor Cushioning Method

Signature Robert Love Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
70-A	7	05 MAY 94	11 MAY 94	7	R.L.	C	95.0	3363	2
70-B	90	05 MAY 94	02 AUG 94	90	L.B.	C	160.0	5664	2
70-C	90	05 MAY 94	02 AUG 94	90	L.B.	C	163.0	5770	2
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 15 GALLONS Added to SITE

MAY - 6 1994

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93 -c- 0081

Contractor Pittman Construction Concrete Supplier L.I.

Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031

Proportions for 8 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max

Cement (C) 376 lbs ASTM Type 1 Brand TXI

Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc

Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source

3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

A-E-A oz Made By Designation

W-R-A oz Made By Designation

 Made By Designation

Moisture: Fine Ag % Coarse Ag % Field Water 10 gal (8.33 lbs/gal) Source City Tap

Fine Ag + Coarse Ag + Batch + Ice + Field 83.3 = Total Water (W) ? lbs

Placement Location Manolift # 32 + 34 W/(C+P) 0. ?

Order No 45 yd³ Represented by 3 cylinders Slump 4 in Air Content 3.6 %

Truck No 182 Temps: Air 84 °F Concrete 87 °F Weather Clear

Date 5-5-94 Time Batched 1:39 Time Molded 2:21 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F

Time cured in water tank on job site at 73.4±3 degrees F after initial curing days

Delivered to Lab by: Corps A-E Contractor Cushioning Method

Signature Robert Dow Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
4 71-A	7	06 MAY 94	12 MAY 94	7	R.L.	C	83.5	2956	2
4 71-B	90	06 MAY 94	03 AUG 94	90	R.L.	C	145.0	5133	3
4 71-C	90	06 MAY 94	03 AUG 94	90	R.L.	C	143.0	5062	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 10 gallons Added on site

MAY 2 1994

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 8 yd³ Specified Strength (F'c) 3000 psi at 90 days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type I Brand T&I
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption ? % Source _____
3/4 in Coarse Ag 1775 lbs Size #/Grade _____ Absorption ? % Source _____
 _____ in Coarse Ag _____ lbs Size #/Grade _____ Absorption _____ % Source _____
 _____ in Coarse Ag _____ lbs Size #/Grade _____ Absorption _____ % Source _____
 A-E-A _____ oz Made By _____ Designation _____
 W-R-A _____ oz Made By _____ Designation _____
 _____ Made By _____ Designation _____
 Moisture: Fine Ag ? % Coarse Ag ? % Field Water 5 gal (8.33 lbs/gal) Source City Tap
 Fine Ag ? + Coarse Ag ? + Batch ? + Ice _____ + Field 41.6 = Total Water (W) ? lbs
 Placement Location Monolith # 26 + 19 W/(C+P) 0. ?
 Order No 45 yd³ Represented by 3 cylinders Slump 5 3/4 in Air Content 4.5 %
 Truck No 175 Temps: Air 70 °F Concrete 74 °F Weather Cloudy + Rainy
 Date 5-2-94 Time Batched 8:59 Time Molded 9:38 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F _____
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing _____ days

Delivered to Lab by: Corps A-E Contractor Cushioning Method _____
 Signature Robert Z... Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
8 68-A	7	03 MAY 94	09 MAY 94	7	R.L.	C	85.0	3009	2
8 68-B	90	03 MAY 94	01 AUG 94	91	L.B.	C	141.5	5009	2
8 68-C	90	03 MAY 94	01 AUG 94	91	L.B.	C	144.0	5098	2
-D									
-E									

Lab _____ Report No _____ Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 5 gallons added on site
90 DAY TEST FALLS ON SUNDAY.
P.O.C. J. Gordon X-2215

MAY 4 1994

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081

Contractor Pittman Construction Concrete Supplier L.I.

Mixing: Central Job Site: Shrink (Truck) Transit (Truck) Mix Designation 91031

Proportions for 8 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max

Cement (C) 376 lbs ASTM Type I Brand TAI

Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc

Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source

3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

A-E-A oz Made By Designation

W-R-A oz Made By Designation

 Made By Designation

Moisture: Fine Ag % Coarse Ag % Field Water 10 gal (8.33 lbs/gal) Source City Tap

Fine Ag + Coarse Ag + Batch + Ice + Field 83.3 = Total Water (W) ? lbs

Placement Location Monolith # 30 # 28 W/(C+P) 0.?

Order No 46 yd³ Represented by 3 cylinders Slump 4 in Air Content 3.9 %

Truck No 178 Temp: Air 70 °F Concrete 75 °F Weather RAINY

Date 5-3-94 Time Batched 10:56 Time Molded 11:41 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F

Time cured in water tank on job site at 73.4±3 degrees F after initial curing days

Delivered to Lab by: Corps A-E Contractor Cushioning Method

Signature Robert F. [unclear] Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
4 69-A	7	04 MAY 94	10 MAY 94	7	R.L.	C	100.0	3540	2
4 69-B	90	04 MAY 94	01 AUG 94	90	L.B.	C	153.0	5416	2
4 69-C	90	04 MAY 94	01 AUG 94	90	L.B.	C	153.5	5434	2
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 10 gallons Added on site

APR 19 1994

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081

Contractor Pittman Construction Concrete Supplier L.I.

Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031

Proportions for 9 yd³ Specified Strength (F'c) 3000psi at 90 days Specified (W/C+P) 0. max.

Cement (C) 376 lbs ASTM Type 1 Brand T&E

Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc

Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source

3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

A-E-A oz Made By Designation

W-R-A oz Made By Designation

 Made By Designation

Moisture: Fine Ag % Coarse Ag % Field Water 5 gal (8.33 lbs/gal) Source City Tap

Fine Ag + Coarse Ag + Batch + Ice + Field 11.65 = Total Water (W) ? lbs

Placement Location Monolith # 13 & 15 W/(C+P) 0.?

Order No 45 yd³ Represented by 3 cylinders Slump 4 in Air Content 4.1 %

Truck No 174 Temps: Air 75 °F Concrete 80 °F Weather Dec 22/8

Date 4-18-94 Time Batched 1:31 Time Molded 2:05 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F

Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days

Delivered to Lab by: Corps A-B Contractor Cushioning Method

Signature [Signature] Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
66-A	7	4/19/94	4/25/94	7	R.L.	C	102.0	3611	2
66-B	90	19 APR 94	7/18/94	91	JMC	C	137.0	4850	1
66-C	90	19 APR 94	7/18/94	91	JMC	P	139.0	4921	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 5 GALLONS added on site
(90 DAY FELL ON SUNDAY)

APR - 5 1994

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081

Contractor Pittman Construction Concrete Supplier L. I.

Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031

Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0

Cement (C) 376 lbs ASTM Type 1 Brand TXI

Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc

Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source

3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

A-E-A oz Made By Designation

W-R-A oz Made By Designation

Made By Designation

Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap

Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs

Placement Location Monolift # 549 W/(C+P) 0

Order No 67 yd³ Represented by 3 cylinders Slump 3 in Air Content 4-3 %

Truck No 174 Temp: Air 72 °F Concrete 78 °F Weather Clear

Date 4-4-94 Time Batched 1:10 Time Molded 2:05 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F

Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days

Delivered to Lab by: Corp A-E Contractor Cushioning Method

Signature [Signature] Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
3 63-A	7	05 APR 94	11 APR 94	7	R.L.	C	97.0	3434	2
3 63-B	90	05 APR 94	05 JUL 94	92	JMC	C	133.5	4726	4
3 63-C	90	05 APR 94	05 JUL 94	92	JMC	C	130.5	4620	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 5 gallon added on site.

90 DAY TEST FELL ON SUNDAY AND MONDAY WAS A HOLIDAY.

Concrete Compressive Test Specimen Data

Project 17th St Canal East Side DACW29-93-C-0081

Contractor Pittman Construction Concrete Supplier L. I.

Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031

Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0

Cement (C) 376 lbs = ASTM Type 1 Brand TXI

Pozzolan (P) 94 lbs = ASTM Class C Brand Holum, Inc

Fine Aggregate 1318 lbs = ASTM LDOTD Absorption % Source

3/4 in Coarse Ag 1775 lbs = Size #/Grade Absorption % Source

 in Coarse Ag lbs = Size #/Grade Absorption % Source

 in Coarse Ag lbs = Size #/Grade Absorption % Source

A-E-A oz Made By Designation

W-R-A oz Made By Designation

Moisture: Fine Ag % Coarse Ag % Field Water 5 gal (8.33 lbs/gal) Source City Tap

Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs

Placement Location Monolith # 11, 14 + 16 W/(C+P) 0

Order No 65 yd³ Represented by 3 cylinders Slump 3 3/4 in Air Content 3-9 %

Truck No 173 Temps: Air 69 °F Concrete 72 °F Weather Clear

Date 4-7-94 Time Batched Time Molded Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F

Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days

Delivered to Lab by: Corps A-E Contractor Cushioning Method

Signature Robert J. J... Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
4 64-A	7	08 APR 94	14 APR 94	7	R.L.	C	95.0	3363	2
4 64-B	90	08 APR 94	06 JUL 94	90	R.L.	C	155.0	5487	3
4 64-C	90	08 APR 94	06 JUL 94	90	R.L.	C	157.0	5558	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 5 gallons added on site

APR 25 1994

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&E
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1316 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water 7 gal (8.33 lbs/gal) Source City Tap
 Fine Ag ? + Coarse Ag ? + Batch ? + Ice + Field 58.3 = Total Water (W) ? lbs
 Placement Location Monolith # 17, 24 + 26 W/(C+P) 0.?
 Order No 67 yd³ Represented by 3 cylinders Slump 3 1/2 in Air Content 3.7 %
 Truck No 178 Temps: Air 83 °F Concrete 87 °F Weather PT Cloudy
 Date 4-22-94 Time Batched 1:15 Time Molded 1:52 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days

Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature [Signature] Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
67-A	7	25 APR 94	29 APR 94	7	R.L.	C	96.0	3398	2
67-B	90	25 APR 94	21 JUL 94	90	R.L.	C	151.5	5363	3
67-C	90	25 APR 94	21 JUL 94	90	R.L.	C	150.0	5310	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 7 gallons Added on site
P.O.C. J. Jordan X-2215

APR - 4 1994

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081

Contractor Pittman Construction Concrete Supplier L.I.

Mixing: Central Job-Site Shrink (Truck) Transit (Truck) Mix Designation 91031

Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0

Cement (C) 376 lbs ASTM Type 1 Brand TXI

Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc

Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source

3/4 in Coarse Ag 1775 lbs Size //Grade Absorption % Source

 in Coarse Ag lbs Size //Grade Absorption % Source

 in Coarse Ag lbs Size //Grade Absorption % Source

A-E-A oz Made By Designation

W-R-A oz Made By Designation

 Made By Designation

Moisture: Fine Ag % Coarse Ag % Field Water 5 gal (8.33 lbs/gal) Source City Tap

Fine Ag + Coarse Ag + Batch + Ice + Field ? = Total Water (W) ? lbs

Placement Location Monolith # 3+7 W/(C+P) 0

Order No 45 yd³ Represented by 3 cylinders Slump 4 3/4 in Air Content 4.2 %

Truck No 134 Temps: Air 58 °F Concrete 70 °F Weather Clear

Date 3-31-94 Time Batched 1:05 Time Molded 1:48 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F

Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days

Delivered to Lab by: Corps A-E Contractor Cushioning Method

Signature Robert Zow Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
G2A	7	04 APR 94	07 APR 94	7	R.L.	C	87.0	3080	2
G2B	90	04 APR 94	29 JUN 94	90	R.L.	C	130.0	4602	3
G2c	90	04 APR 94	29 JUN 94	90	R.L.	C	124.0	4390	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 5 GALLONS Added on site.

Concrete Compression Test Specimen Data

APR 19 1994

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at 90 days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&I
 Pozzolan (P) 99 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water 5 gal (8.33 lbs/gal) Source City Tap
 Fine Ag ? + Coarse Ag ? + Batch ? + Ice + Field 41.65 = Total Water (W) ? lbs
 Placement Location Monolift # 20 + 22 W/(C+P) 0.?
 Order No 45 yd³ Represented by 3 cylinders Slump 3 1/2 in Air Content 3.8 %
 Truck No 181 Temps: Air 82 °F Concrete 86 °F Weather PT Clouds
 Date 4-14-94 Time Batched 1:03 Time Molded 1:40 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing ? days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method

Signature Robert Jones Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
65-A	7	4/19/94	4/21/94	7	R.L.	C	87.0	3080	2
65-B	90	19 APR 94	7/13/94	90	R.L.	C	165.5	5859	3
65-C	90	19 APR 94	7/13/94	90	R.L.	C	163.5	5788	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 5 GALLONS Added on site
P.O. Computer 1-27-15

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 8 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&I
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-B-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water 5 gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field 41.65 = Total Water (W) lbs
 Placement Location Monolith # 10 + 12 W/(C+P) 0.
 Order No 48 yd³ Represented by 3 cylinders Slump 5 in Air Content 4.3 %
 Truck No 172 Temps: Air 69 °F Concrete 75 °F Weather clear
 Date 3-28-94 Time Batched 1:11 Time Molded 1:55 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method

Signature Robert Foret Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(e) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
61-A	7	30 MAR 94	04 APR 94	7	R.L.	C	90.0	3186	2
61-B	90	30 MAR 94	27 JUN 94	91	R.L.	C	169.0	5983	3
61-C	90	30 MAR 94	27 JUN 94	91	R.L.	C	171.5	6071	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 5 GALLONS Added on SITE
90 DAY TEST FALLS ON SUNDAY.

Note instructions are on the reverse side of the original Form 853-R Aug 92.
(P.O.C. of Gordon 17715)

MAR 28 1994

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081

Contractor Pittman Construction Concrete Supplier L.I.

Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031

Proportions for 8 yd³ Specified Strength (F'c) 3000 psi at 90 days Specified (W/C+P) 0.

Cement (C) 376 lbs ASTM Type 1 Brand TXI

Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc

Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source

3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

A-E-A oz Made By Designation

W-R-A oz Made By Designation

 Made By Designation

Moisture: Fine Ag % Coarse Ag % Field Water 5 gal (8.33 lbs/gal) Source City Tap

Fine Ag + Coarse Ag + Batch + Ice + Field 41.65 = Total Water (W) lbs

Placement Location Monolith # 8 & 6 W/C+P 0. ?

Order No 48 yd³ Represented by 3 cylinders Slump 4.5 in Air Content 4.1 %

Truck No 169 Temps: Air 71 °F Concrete 77 °F Weather PT C/Cloudy

Date 3-24-94 Time Batched 8:19 Time Molded 9:15 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F

Time cured in water tank on job site at 73.4±3 degrees F after initial curing days

Delivered to Lab by: Corps A-E Contractor Cushioning Method

Signature Robert Zou Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
11 60-A	7	3/28/94	3/31/94	7	L.B.	C	84.5	2991	1
11 60-B	90	28 MAR 94	6/22/94	90	R.L.	C	143.5	5080	3
11 60-C	90	28 MAR 94	6/22/94	90	R.L.	C	144.0	5098	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks * 5 GALLONS OF WATER ADDED ON SITE

Concrete Compression Test Specimen Data



DACM29-93-C-0081

Project 17th St. Canal EAST side
 Contractor Pittman Const. Concrete Supplier LI
 Mixings Central Job Shrink (truck) X Transit (truck) Curing
 Strength Required 3000 psi at 28 days, Mix Designation _____
 Cement 376 lbs or bags Type I Brand TXI Mill Loc New Brunsfels, Va
 Fly Ash 94 lbs Class C Brand Holum, Inc. Mill Loc White Bluff, Mo.
 Fine Ag 1318 lbs(SSD) Gradation AST M33 Source _____
34 in Coarse Ag 1775 lbs(SSD) Type _____ Source _____
 _____ in Coarse Ag _____ lbs(SSD) Type _____ Source _____
 _____ in Coarse Ag _____ lbs(SSD) Type _____ Source _____
 A-E-A _____ oz Made By _____ Designation _____
 W-R-A _____ oz Made By _____ Designation _____
 Other _____

Total Water _____ gal or lbs W/C _____ Source City Tap

Placement Location Mound LIFT # 69, 67 + 64

Order No 40 yd³ represented by 3 cylinders Slump 4" in Entr Air 5.9 %

Truck No 182 Temps: Air 70 °F Concrete 73 °F Weather clear

Date Molded 11-23-93 Time Molded 1:27 Molded By ALPHA TESTING

Delivered to lab by: _____ Corps _____ A-E _____ Contractor _____ Other _____

Signature Robert Fouts Title Technician

SPECIMEN MARKING	TEST AT (DAYS)	DATE RECEIVED	DATE TESTED	TESTED AT (DAYS)	BY	SPECIMEN WT (LBS)	TOTAL LOAD (LBS)	UNIT LOAD (PSI)	BREAK TYPE
12-A	7	24 NOV 93	30 NOV 93	7	R.L.		87.0	3080	2
12-B	28	24 NOV 93	21 DEC 93	28	R.L.		125.0	4425	3
12-C	28	24 NOV 93	21 DEC 93	28	R.L.		124.5	4407	3
-D									
-E									
-F									

Lab _____ Report No _____ BREAK TYPE 1 2 3 4

Remarks _____

Concrete Compression Test Specimen Data

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DACW29- 93 C 0081

Project 17th St. CANAL East side
 Contractor Pittman Const. Concrete Supplier _____
 Mixings Central Job Shrink (truck) Transit (truck) _____ Curing _____
 Strength Required 3000 psi at 90 days Mix Designation _____
 Cement 376 lbs or bags Type I Brand T&E Mill Loc New Brunswick, NJ
 Fly Ash 94 lbs Class C Brand Holsum, Inc. Mill Loc White Bluff, Ga.
 Fine Ag 1318 lbs(SSD) Gradation ASTM33 Source _____
314 in Coarse Ag 1775 lbs(SSD) Type _____ Source _____
 _____ in Coarse Ag _____ lbs(SSD) Type _____ Source _____
 _____ in Coarse Ag _____ lbs(SSD) Type _____ Source _____
 A-E-A _____ oz Made By _____ Designation _____
 W-R-A _____ oz Made By _____ Designation _____
 Other _____

Total Water ? gal or lbs W/C ? Source City Tap

Placement Location MUND CIFT # 65 + 62

Order No 27 yd³ represented by 3 cylinders Slump 3 3/4 in Entr Air 6.3 %

Truck No 183 Temps: Air 70 °F Concrete 73 °F Weather Clear + windy

Date Molded 11-24-93 Time Molded 1:26 Molded By ALPHA TESTING

Delivered to lab by: _____ Corps _____ A-E _____ Contractor _____ Other _____

Signature Robert Fous Title TECHNICIAN

SPECIMEN MARKING	TEST AT (DAYS)	DATE RECEIVED	DATE TESTED	TESTED AT (DAYS)	BY	SPECIMEN WT (LBS)	TOTAL LOAD (LBS)	UNIT LOAD (PSI)	BREAK TYPE
13-A	7	29 NOV 93	01 DEC 93	7	R.L.		95.0	3363	2
13-B	28	29 NOV 93	22 DEC 93	28	R.L.		121.5	4301	3
13-C	28	29 NOV 93	22 DEC 93	28	R.L.		115.0	4071	
-D									
-E									
-F									

Lab _____ Report No _____ BREAK TYPE 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks _____

Concrete Compression Test Specimen Data

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DACN29-93 C0081

Project 17th St. CANAL EAST side.
 Contractor DITTMAN CONST. Concrete Supplier C.I.
 Mixings Central Job Shrink (truck) Transit (truck) Curing
 Strength Required 3000 psi at 7 days Mix Designation 9103
 Cement 376 lbs or bags Type L Brand TYT Mill Loc New Bumpki, La
 Fly Ash 94 lbs Class C Brand Holsum, Inc. Mill Loc White Bluff, Ga.
 Fine Ag 1318 lbs(SSD) Gradation ASTM33 Source
314 in Coarse Ag 1775 lbs(SSD) Type Source
 in Coarse Ag lbs(SSD) Type Source
 in Coarse Ag lbs(SSD) Type Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Other

Total Water gal or lbs W/C Source City Tap

Placement Location MONO LIFT # 63, 60 + 58

Order No 39 yd³ represented by 3 cylinders Slump 4.5 in Entr Air 5.8 %

Truck No 176 Temps: Air 64 °F Concrete 69 °F Weather Clear

Date Molded 11-29-93 Time Molded 1:26 Molded By ALPHA TESTING.

Delivered to lab by: Corps A-E Contractor Other

Signature Robert Fow Title Technician

SPECIMEN MARKING	TEST AT (DAYS)	DATE RECEIVED	DATE TESTED	TESTED AT (DAYS)	BY	SPECIMEN WT (LBS)	TOTAL LOAD (LBS)	UNIT LOAD (PSI)	BREAK TYPE
14-A	7	30 NOV 93	06 DEC 93	7	R.L.		85.0	3009	2
14-B	28	30 NOV 93	27 DEC 93	28	L.B.		123.0	4354	3
14-C	28	30 NOV 93	27 DEC 93	28	L.B.		128.5	4549	3
-D									
-E									
-F									

Lab Report No BREAK TYPE 1 2 3 4

Remarks CYL WERE TAKEN ON MONO LIFT #60

Concrete Compression Test Specimen Data

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DACM29- 93-C0081

Project 17TH STREET CANAL EAST SIDE
 Contractor PITTMAN CONST. Concrete Supplier L.I.
 Mixings: Central Job Shrink (truck) X Transit (truck) Curing
 Strength Required 3000 psi at 28 days Mix Designation 9103
 Cement 376 lbs or bags Type I Brand TKI Mill Loc New Brunswick, N.J.
 Fly Ash 94 lbs Class C Brand Holum, Inc. Mill Loc White Bluff, Ga.
 Fine Ag 1318 lbs(SSD) Gradation ASTM33 Source _____
3/4 in Coarse Ag 1775 lbs(SSD) Type _____ Source _____
 _____ in Coarse Ag _____ lbs(SSD) Type _____ Source _____
 _____ in Coarse Ag _____ lbs(SSD) Type _____ Source _____
 A-E-A _____ oz Made By _____ Designation _____
 M-R-A _____ oz Made By _____ Designation _____
 Other _____

Total Water gal or lbs W/C Source City Tap

Placement Location MONOCIRT # 56, 59 & 61

Order No 39 yd³ represented by 3 cylinders Sluap 4 1/2 in Entr Air 5.6 %

Truck No 182 Temps: Air 65 °F Concrete 68 °F Weather CLEAR & WARM

Date Molded 11-30-93 Time Molded 1:30 PM Molded By ALPHA TESTING

Delivered to lab by: _____ Corps _____ A-E X Contractor _____ Other _____

Signature M. DEVILIER Title TECH.

SPECIMEN MARKING	TEST AT (DAYS)	DATE RECEIVED	DATE TESTED	TESTED AT (DAYS)	BY	SPECIMEN WT (LBS)	TOTAL LOAD (LBS)	UNIT LOAD (PSI)	BREAK TYPE
15-A	7	01 DEC 93	07 DEC 93	7	R.L.		91.5	3239	2
15-B	28	01 DEC 93	28 DEC 93	28	R.L.		125.5	4443	3
15-C	28	01 DEC 93	28 DEC 93	28	R.L.		121.5	4301	2
-D									
-E									
-F									

Lab _____ Report No _____ BREAK TYPE 1 2 3 4

Remarks _____

Concrete Compression Test Specimen Data

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Project 17th St. CANAL EAST side
 Contractor PITTMAN CONST. Concrete Supplier L.I. DACW29-93-00081
 Mixings Central Job Shrink (truck) X Transit (truck) Curing
 Strength Required 3000 psi at days Mix Designation 9103
 Cement 376 lbs or bags Type 1 Brand TXI Mill Loc New Brumels Dr
 Fly Ash 94 lbs Class C Brand Holsum, Inc. Mill Loc White Bluff, Va
 Fine Ag 1318 lbs(SSD) Gradation ASTM33 Source
3/4 in Coarse Ag 1975 lbs(SSD) Type Source
 in Coarse Ag lbs(SSD) Type Source
 in Coarse Ag lbs(SSD) Type Source
 A-E-A oz Made By Designation
 M-R-A oz Made By Designation
 Other

Total Water P gal or lbs W/C P Source City Tap

Placement Location MONOLIFT # 57, 54 + 52

Order No 35 yd³ represented by 3 cylinders Slump 4 3/4 in Entr Air 6.2 %

Truck No 180 Temps: Air 67 °F Concrete 22 °F Weather clear

Date Molded 12-1-93 Time Molded 12:51 Molded By ALPHA TESTING

Delivered to lab by: Corps A-E Contractor Other

Signature Robert Fow Title Technician

SPECIMEN MARKING	TEST AT (DAYS)	DATE RECEIVED	DATE TESTED	TESTED AT (DAYS)	BY	SPECIMEN WT (LBS)	TOTAL LOAD (LBS)	UNIT LOAD (PSI)	BREAK TYPE
16-A	7	?	08 DEC 93	7	R.L.		97.5	3452	2
16-B	28		29 DEC 93	28	R.L.		137.5	4868	3
16-C	28		29 DEC 93	28	R.L.		136.0	4814	3
-D									
-E									
-F									

Lab Report No BREAK TYPE 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks Cylinders were taken on monolift # 54

Concrete Compression Test Specimen Data



Project 17th St. CANAL EAST side
 Contractor PITTMAN CONST. Concrete Supplier C.I. DACN29- 93-C0081
 Mixings: Central Job Shrink (truck) X Transit (truck) Curing
 Strength Required 3000 psi at 7 days Mix Designation 9103
 Cement 376 lbs or bags Type I Brand TXI Mill Loc _____
 Fly Ash 94 lbs Class C Brand HOLUM, INC. Mill Loc _____
 Fine Ag 1313 lbs(SSD) Gradation AST M33 Source White Bluffs, Va.
314 in Coarse Ag 1775 lbs(SSD) Type _____ Source White Bluffs, Va.
 _____ in Coarse Ag _____ lbs(SSD) Type _____ Source _____
 _____ in Coarse Ag _____ lbs(SSD) Type _____ Source _____
 A-E-A _____ oz Made By _____ Designation _____
 W-R-A _____ oz Made By _____ Designation _____
 Other _____

Total Water _____ gal or lbs W/C ? Source City Tap

Placement Location MONOLIFT # 55, 53 + 50

Order No 39 yd³ represented by 3 cylinders Slump 4 1/2 in Entr Air 5.6 %

Truck No 169 Temps: Air 68 °F Concrete 72 °F Weather clear

Date Molded 12-2-93 Time Molded 12:58 Molded By ALPHA TESTING

Delivered to lab by: _____ Corps _____ A-E _____ Contractor _____ Other _____

Signature Robert Fow Title Technician

SPECIMEN MARKING	TEST AT (DAYS)	DATE RECEIVED	DATE TESTED	TESTED AT (DAYS)	BY	SPECIMEN WT (LBS)	TOTAL LOAD (LBS)	UNIT LOAD (PSI)	BREAK TYPE
<u>17-A</u>	<u>7</u>	<u>03 DEC 93</u>	<u>09 DEC 93</u>	<u>7</u>	<u>R.L.</u>		<u>76.5</u>	<u>2708</u>	
<u>17-B</u>	<u>28</u>	<u>03 DEC 93</u>	<u>30 DEC 93</u>	<u>28</u>	<u>ECS</u>		<u>113.0</u>	<u>4000</u>	<u>3</u>
<u>17-C</u>	<u>28</u>	<u>03 DEC 93</u>	<u>30 DEC 93</u>	<u>28</u>	<u>ECS</u>		<u>100.0</u>	<u>3540</u>	<u>3</u>
<u>-D</u>									
<u>-E</u>									
<u>-F</u>									

Lab _____ Report No _____ BREAK TYPE 1 2 3 4

Remarks Cylinders were made on MONOLIFT 50

Concrete Compression Test Specimen Data

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Project 17th St. CANAL EAST side DACW29- 93-C006
 Contractor PITTMAN CONST. Concrete Supplier L.I.
 Mixings: Central Job Shrink (truck) Transit (truck) Curing _____
 Strength Required 3000 psi at 7 days Mix Designation 9102
 Cement 376 lbs or bags Type _____ Brand TL Mill Loc New Brunswick NJ
 Fly Ash 94 lbs Class _____ Brand Holum, Tex Mill Loc White Bluff, Ga
 Fine Ag 1318 lbs(SSD) Gradation CSM33 Source _____
3/4 in Coarse Ag 1785 lbs(SSD) Type _____ Source _____
 _____ in Coarse Ag _____ lbs(SSD) Type _____ Source _____
 _____ in Coarse Ag _____ lbs(SSD) Type _____ Source _____
 A-E-A _____ oz Made By _____ Designation _____
 W-R-A _____ oz Made By _____ Designation _____
 Other _____

Total Water ? gal or lbs W/C ? Source City Tap

Placement Location MONOLIFT # 51, 48, 46

Order No 38 yd³ represented by 3 cylinders Slump 4 in Entr Air 6-6

Truck No 176 Temps: Air 72 °F Concrete 76 °F Weather clear.

Date Molded 12-3-93 Time Molded 1:05 Molded By ALPHA TESTING

Delivered to lab by: _____ Corps _____ A-E _____ Contractor _____ Other _____

Signature Robert Fow Title Technician

SPECIMEN MARKING	TEST AT (DAYS)	DATE RECEIVED	DATE TESTED	TESTED AT (DAYS)	BY	SPECIMEN WT (LBS)	TOTAL LOAD (LBS)	UNIT LOAD (PSI)	BREAK TYPE
9 18-A	7	06 DEC 93	10 DEC 93	7	R.L.		99.5	3522	1
7 18-B	28	06 DEC 93	03 JAN 94	31	L.B.		123.5	4372	1
7 18-C	28	06 DEC 93	03 JAN 94	31	L.B.		118.0	4177	1
-D									
-E									
-F									

Lab _____ Report No _____ BREAK TYPE 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks Cylinders were made on MONOLIFT # 48

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd³ Specified Strength (F'c) 3000psi at 10 days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand TAI
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolift # 36 + 40 W/(C+P) 0. ?
 Order No 34 yd³ Represented by 3 cylinders Slump 3 3/4 in Air Content 3.4 %
 Truck No 181 Temps: Air 53 °F Concrete 58 °F Weather cloudy + cold
 Date 1-3-94 Time Batched 1:23 Time Molded 2:01 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Robert Fore Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
35-A	7	04 JAN 94	10 JAN 94	7	R.L.	C	112.0	3965	3
35-B	90	04 JAN 94	04 APR 94	91	R.L.	C	169.0	5983	3
35-C	90	04 JAN 94	04 APR 94	91	R.L.	C	167.0	5912	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks Cylinders were taken on MONOLIFT # 36
0 water was added on site

90 DAY TEST FALLS ON SUNDAY, MOVED TEST ONE DAY MAKING TEST 91 DAYS.

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at 70 days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand TXI
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolift # 91 W/(C+P) 0.
 Order No 15 yd³ Represented by 3 cylinders Slump 4 in Air Content 3.1 %
 Truck No 181 Temps: Air 61 °F Concrete 69 °F Weather Clear
 Date 1-4-94 Time Batched 1:31 Time Molded 2:18 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Robert Dow Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
36-A	7	05 JAN 94	11 JAN 94	7	R.L.	C	118.5	4195	2
36-B	90	05 JAN 94	04 APR 94	90	R.L.	C	172.0	6089	3
36-C	90	05 JAN 94	04 APR 94	90	R.L.	C	174.5	6177	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks Cylinders were made on monolift # 91
10 GALLONS WATER added on site

Concrete Compression Test Specimen Data

Project 174th St. Canal East Side DACW29-93 c. 0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at 70 days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type I Brand T&E
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith # 34, 37, +39 W/(C+P) 0. ?
 Order No 48 yd³ Represented by 3 cylinders Slump 3 3/4 in Air Content 3-2 %
 Truck No 169 Temps: Air 60 °F Concrete 67 °F Weather Clear
 Date 1-5-94 Time Batched 12:35 Time Molded 1:08 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days

Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Robert Fow Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
37-A	7	07 JAN 94	12 JAN 94	7	R.L.	C	120.0	4248	3
37-B	90	07 JAN 94	05 APR 94	90	R.L.	C	140.5	4974	3
37-C	90	07 JAN 94	05 APR 94	90	R.L.	C	135.0	4779	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks Cylinders taken on monolith # 34
5 gallons of water added on site

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd³ Specified Strength (F'c) 3000psi at 90 days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand TXI
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolift # 35 + 32 W/(C+P) 0.?
 Order No 42 yd³ Represented by 3 cylinders Slump 4 1/2 in Air Content 2.9 %
 Truck No 169 Temps: Air 64 °F Concrete 69 °F Weather Cloudy
 Date 1-6-94 Time Batched 12:01 Time Molded 12:46 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F

Time cured in water tank on job site at 73.4±3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Robert Dour Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
38-A	7	07 JAN 94	13 JAN 94	7	R.L.	C	112.0	3965	2
38-B	90	07 JAN 94	06 APR 94	90	R.L.	C	173.0	6124	3
38-C	90	07 JAN 94	06 APR 94	90	R.L.	C	174.0	6160	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks Cylinders made on Monolift # 35
gallons added on site

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at 90 days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&I
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolift # 30 & 33 W/(C+P) 0.?
 Order No 33.5 yd³ Represented by 3 cylinders Slump 4.5 in Air Content 3-4 %
 Truck No 178 Temps: Air 62 °F Concrete 68 °F Weather cloudy & windy
 Date 1-7-94 Time Batched 10:27 Time Molded 11:22 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Robert Jones Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
39-A	7	11 JAN 94	14 JAN 94	7	R.L.	C	101.5	3593	2
39-B	90	11 JAN 94	07 APR 94	90	R.L.	C	181.0	6407	3
39-C	90	11 JAN 94	07 APR 94	90	R.L.	C	180.0	6372	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks cylinders were made on MONOLIFT # 33
149 GALLONS were Added on site

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at 90 days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand TXI
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water 5 gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field 41.65 = Total Water (W) lbs
 Placement Location Monolift # 31 W/(C+P) 0.
 Order No yd³ Represented by 3 cylinders Slump 3 3/4 in Air Content 3.6 %
 Truck No 177 Temps: Air 63 °F Concrete 69 °F Weather PT clouds
 Date 1-10-94 Time Batched 11:54 Time Molded 12:40 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Robert Jout Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
40A	7	11 JAN 94	18 JAN 94	3	L.B.	C	75.5	2673	1
40B	90	11 JAN 94	11 APR 94	91	R.L.	C	175.0	6195	3
40C	90	11 JAN 94	11 APR 94	91	R.L.	C	170.0	6018	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks Cylinders were taken on monolift # 31

*5 gallons of water added on site
17 JAN 94 was a holiday 90 day test falls on Sunday

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd³ Specified Strength (F'c) 3000psi at 90 days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type I Brand T&E
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water 5 gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field 41.65 = Total Water (W) lbs
 Placement Location Monolift # 26 W/(C+P) 0. ?
 Order No 23 yd³ Represented by 3 cylinders Slump 4 in Air Content 3.3 %
 Truck No 174 Temps: Air 57 °F Concrete 63 °F Weather PT cloudy
 Date 1-12-94 Time Batched 10:22 Time Molded 11:04 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Robert Zow Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
TANK 1 41-A	7	13 JAN 94	19 JAN 94	7	R.L.	C	128.0	4531	3
" " 41-B	90	13 JAN 94	12 APR 94	90	R.L.	C	175.0	6195	3
" " 41-C	90	13 JAN 94	12 APR 94	90	R.L.	C	178.0	6301	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks Cylinders were taken on monolift # 26
5 gallons of water added at site.

JAN 14 1994

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 10 yd³ Specified Strength (F'c) 3000psi at 70 days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand TXI
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolift # 28 W/(C+P) 0.
 Order No 20 yd³ Represented by 3 cylinders Slump 4 in Air Content 3.0 %
 Truck No 173 Temps: Air 54 °F Concrete 61 °F Weather OVERCAST
 Date 1-13-94 Time Batched 12:55 Time Molded 1:39 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Robert Zover Title Technician

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Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
40A	7	14 JAN 94	20 JAN 94	7	R.L.	C	133.0	4708	3
40B	90	14 JAN 94	13 APR 94	90	R.L.	C	154.0	5452	3
40C	90	14 JAN 94	13 APR 94	90	R.L.	C	153.0	5416	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks
2 GALLONS OF WATER ADDED ON SITE

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081

Contractor Pittman Construction Concrete Supplier L. I.

Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031

Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at 90 days Specified (W/C+P) 0. max

Cement (C) 376 lbs ASTM Type 1 Brand T&E

Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc

Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source

3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

A-E-A oz Made By Designation

W-R-A oz Made By Designation

 Made By Designation

Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap

Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs

Placement Location Monolith # 25 W/(C+P) 0. ?

Order No 36 yd³ Represented by 3 cylinders Slump 4.5 in Air Content 3-6 %

Truck No 177 Temps: Air 61 °F Concrete 68 °F Weather Clear

Date 1-14-94 Time Batched 1:55 Time Molded 2:45 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F

Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days

Delivered to Lab by: Corps A-E Contractor Cushioning Method

Signature Robert Zour Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
43-A	7	18 JAN 94	21 JAN 94	7	R.L.	C	110.0	3894	2
43-B	90	18 JAN 94	14 APR 94	90	R.L.	C	154.0	5452	3
43-C	90	18 JAN 94	14 APR 94	90	R.L.	C	153.0	5416	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks

Concrete Compression Test Specimen Data

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Project 17th St Canal East side DACN29-93-C-0081
 Contractor Pittman Const. Concrete Supplier C. Z.
 Mixings Central Job Shrink (truck) Transit (truck) Curing
 Strength Required 3000 psi at 28 days 90 Mix Designation 9103
 Cement lbs or bags Type Brand TXI Mill Loc New Braunfels TX
 Fly Ash 94 lbs Class C Brand Holnum, Inc Mill Loc White Bluff, LA
 Fine Ag 1318 lbs(SSD) Gradation ASTM 33 Source Isabell, LA
34 in Coarse Ag 1775 lbs(SSD) Type Source Isabell, LA
 in Coarse Ag lbs(SSD) Type Source
 in Coarse Ag lbs(SSD) Type Source
 A-E-A 3-6 oz Made By WR Grace Designation
 M-R-A 2-4 oz Made By WR Grace Designation
 Other

Total Water 0 ? gal or lbs W/C ? Source City Tap

Placement Location MONO LIFT # 82

Order No 14 yd³ represented by 3 cylinders Slump 4.5 in Entr Air 6.6 %

Truck No 24669 Temps: Air 63 °F Concrete 69 °F Weather Clear

Date Molded 10-10-93 Time Molded 2:59 Molded By R. Foster

Delivered to lab by: Corps A-E Contractor Other

Signature Robert Dow Title Technician

TANK
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SPECIMEN MARKING	TEST AT (DAYS)	DATE RECEIVED	DATE TESTED	TESTED AT (DAYS)	BY	SPECIMEN WT (LBS)	TOTAL LOAD (LBS)	UNIT LOAD (PSI)	BREAK TYPE
MC 82-A	7	12 NOV 93	17 NOV 93	7	R.L.		90.0	3186	2
" -B	28	12 NOV 93	08 FEB 94	90	R.L.		135.0	4779	3
" -C	28	12 NOV 93	08 FEB 94	90	R.L.		137.0	4850	3
" -D									
" -E									
" -F									

Lab Report No BREAK TYPE 1 2 3 4

Remarks For monolith # 82

RECEIVED

NOV 12 1993

Revised
Aug 92

Concrete Compression Test Specimen Data



Project 17th St. CANAL East Side DACM29-93-C-0081
 Contractor Pittman Const. Concrete Supplier LI
 Mixings: Central Job Shrink (truck) Transit (truck) Curing _____
 Strength Required 3000 psi at 28 days ? 90 Mix Designation 9103
 Cement 4 lbs or (bags) Type I Brand TXI Mill Loc New Braunfels TX
 Fly Ash 94 lbs Class C Brand Holsum, INC Mill Loc White Bluff, TX
 Fine Ag 1318 lbs(SSD) Gradation ASTM 33 Source Isabell, LA
3/4 in Coarse Ag 1775 lbs(SSD) Type _____ Source Isabell, LA
 _____ in Coarse Ag _____ lbs(SSD) Type _____ Source _____
 _____ in Coarse Ag _____ lbs(SSD) Type _____ Source _____
 A-E-A 3-6 oz Made By WR Grace Designation _____
 W-R-A 2-4 oz Made By WR Grace Designation _____
 Other _____

Total Water ? gal or lbs W/C ? Source City Tap

Placement Location MOND LIFT 87, 89

Order No _____ 28 yd³ represented by 3 cylinders Slump 2 3/4 in Entr Air 5.9 %

Truck No 181 Temps: Air 73 °F Concrete 76 °F Weather Clear

Date Molded 11-11-93 Time Molded 1:20 pm Molded By R. Forest (AIA/TESTING)

Delivered to lab by: _____ Corps _____ A-E _____ Contractor _____ Other _____

Signature Robert Jones Title Technician

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8

SPECIMEN MARKING	TEST AT (DAYS)	DATE RECEIVED	DATE TESTED	TESTED AT (DAYS)	BY	SPECIMEN WT (LBS)	TOTAL LOAD (LBS)	UNIT LOAD (PSI)	BREAK TYPE
MC 89 -A	7	12 NOV 93	18 NOV 93	7	JMC		103.0	3646	2
MC 89 -B	90	12 NOV 93	09 FEB 94	90	R.L.		150.0	5310	3
MC 89 -C	90	12 NOV 93	09 FEB 94	90	R.L.		152.0	5381	3
-D									
-E									
-F									

Lab _____ Report No _____ BREAK TYPE 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks _____

RECEIVED

NOV 12 1993

Concrete Compression Test Specimen Data

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Project: 17th St CANAL EAST side DACW29-
 Contractor: Pittman Const Concrete Supplier: L.I.
 Mixings: Central Job Shrink (truck) X Transit (truck) Curing
 Strength Required: 3000 psi at 28 days Mix Designation: 9/03
 Cement: 376 (lbs) or bags Type 1 Brand TX1 Mill Loc New Braunfels, TX
 Fly Ash: 94 lbs Class C Brand HOL NUM, INC. Mill Loc White Bluff, GA
 Fine Ag: 138 lbs(SSD) Gradation ASTM 33 Source Isabell, LA
34 in Coarse Ag 1775 lbs(SSD) Type Source Isabell, LA
 in Coarse Ag lbs(SSD) Type Source
 in Coarse Ag lbs(SSD) Type Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Other

Total Water ? gal or lbs W/C ? Source City Tap

Placement Location MONOLIT # 85, 81, 78

Order No 424312 yd³ represented by 3 cylinders Slump 5.5 in Entr Air 5.4 %

Truck No 191 Temps: Air °F Concrete °F Weather Cloudy

Date Molded 11-16-93 Time Molded 1:50 Molded By R. Fout ALPHA TESTING

Delivered to lab by: Corps A-E Contractor Other ALPHA TESTING

Signature Robert Fout Title Technician

SPECIMEN MARKING	TEST AT (DAYS)	DATE RECEIVED	DATE TESTED	TESTED AT (DAYS)	BY	SPECIMEN WT (LBS)	TOTAL LOAD (LBS)	UNIT LOAD (PSI)	BREAK TYPE
ML 78-7-A		17 NOV 93	23 NOV 93	7	R.L.		97.5	3452	1
ML 78-7-B	90	17 NOV 93	14 DEC 93	28	L.B.		126.0	4460	1
ML 78-7-C	90	17 NOV 93	14 FEB 94	90	L.B.		132.0	4673	1
-D									
-E									
-F									

Lab Report No BREAK TYPE 1 2 3 4

Remarks

Concrete Compression Test Specimen Data

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DACM29- 93-C0081

Project 17th St. Canal East side
 Contractor PITTMAN CONST Concrete Supplier L.I.
 Mixings: Central Job Shrink (truck) Transit (truck) Curing _____
 Strength Required 3000 psi at 0 days Mix Designation 9103
 Cement 376 lbs or bags Type _____ Brand TKI Mill Loc _____
 Fly Ash 94 lbs Class _____ Brand Hulum, Inc Mill Loc _____
 Fine Ag 1318 lbs(SSD) Gradation CSIM 33 Source New Brunswick, NJ
3/4 in Coarse Ag 1275 lbs(SSD) Type _____ Source White Bluff, Ga
 _____ in Coarse Ag _____ lbs(SSD) Type _____ Source _____
 _____ in Coarse Ag _____ lbs(SSD) Type _____ Source _____
 A-E-A _____ oz Made By _____ Designation _____
 M-R-A _____ oz Made By _____ Designation _____
 Other _____

Total Water ? gal or lbs W/C ? Source City Tap

Placement Location MONOLIFT # 49, 44 + 42

Order No _____ 39 yd³ represented by 3 cylinders Slump 4 in Entr Air 6.5 %

Truck No 183 Temps: Air 70 °F Concrete 76 °F Weather Clear

Date Molded 12-6-93 Time Molded 1:01 Molded By ALPHA TESTING

Delivered to lab by: _____ Corps _____ A-E _____ Contractor _____ Other _____

Signature Robert Fouts Title Technician

SPECIMEN MARKING	TEST AT (DAYS)	DATE RECEIVED	DATE TESTED	TESTED AT (DAYS)	BY	SPECIMEN WT (LBS)	TOTAL LOAD (LBS)	UNIT LOAD (PSI)	BREAK TYPE
19-A	7	07 DEC 93	13 DEC 93	7	R.L.		118.5	4195	2
19-B	90	07 DEC 93	07 MAR 94	91	R.L.		138.0	4885	3
19-C	90	07 DEC 93	07 MAR 94	91	R.L.		142.0	5027	3
-D									
-E									
-F									

Lab _____ Report No _____ BREAK TYPE 1 2 3 4

Remarks Cylinders were made on MONOLIFT # 44

Concrete Compression Test Specimen Data



Project 17th St. CANAL EAST side
 Contractor Pittman Const. Concrete Supplier L.I. DACN29- 93-C0081
 Mixings: Central Job Shrink (truck) X Transit (truck) Curing _____
 Strength Required 3000 psi at 28 days Mix Designation 9103
 Cement 376 lbs or bags Type _____ Brand TK1 Mill Loc New Brunel, Va
 Fly Ash 94 lbs Class _____ Brand Holmes, Inc Mill Loc White Bluff, Va
 Fine Ag 1318 lbs(SSD) Gradation GST M33 Source _____
3/4 in Coarse Ag 1775 lbs(SSD) Type _____ Source _____
 _____ in Coarse Ag _____ lbs(SSD) Type _____ Source _____
 _____ in Coarse Ag _____ lbs(SSD) Type _____ Source _____
 A-E-A _____ oz Made By _____ Designation _____
 W-R-A _____ oz Made By _____ Designation _____
 Other _____

Total Water ? gal or lbs W/C ? Source City Tap

Placement Location MONOLIFT # 45, 43 & 40

Order No 40 yd³ represented by 3 cylinders Slump 5 in Entr Air 6.0 %

Truck No 175 Temps: Air 68 °F Concrete 73 °F Weather Clear

Date Molded 12-7-93 Time Molded 1:21 Molded By ALPHA TESTING

Delivered to lab by: _____ Corps _____ A-E _____ Contractor _____ Other _____

Signature Robert Fow Title Technician

SPECIMEN MARKING	TEST AT (DAYS)	DATE RECEIVED	DATE TESTED	TESTED AT (DAYS)	BY	SPECIMEN WT (LBS)	TOTAL LOAD (LBS)	UNIT LOAD (PSI)	BREAK TYPE
20-A	7	08 DEC 93	14 DEC 93	7	L.B.		127.0	4496	1
20-B	90	08 DEC 93	07 MAR 94	90	R.L.		162.0	5735	3
20-C	90	08 DEC 93	07 MAR 94	90	R.L.		158.0	5593	3
-D									
-E									
-F									

Lab _____ Report No _____ BREAK TYPE 1 2 3 4

Remarks Cylinders were made on MONOLIFT #40

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at 90 days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand TXI
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith # 22 W/(C+P) 0.
 Order No 20 yd³ Represented by 3 cylinders Slump 5 1/4 in Air Content 4.5 %
 Truck No 178 Temps: Air 56 °F Concrete 62 °F Weather OVERCAST
 Date 2-1-94 Time Batched 12:55 Time Molded 1:48 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Robert D. Ours Title Technician

5

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
47A	7								
47B	90								
47C	90	02 FEB 94	02 MAY 94	90	R.L.	C	143.5	5080	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 0 GALLONS OF WATER ADDED ON SITE
47-A/B RECEIVED AT LAB 2/2/94 CRUMBLY NOT ABLE TO
RUN TESTS L.B.
(ON 47A & B)

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081

Contractor Pittman Construction Concrete Supplier L.I.

Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031

Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at 90 days Specified (W/C+P) 0. max

Cement (C) 376 lbs ASTM Type 1 Brand T&E

Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc

Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source

3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

A-E-A oz Made By Designation

W-R-A oz Made By Designation

Made By Designation

Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap

Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs

Placement Location Monolith # 20 W/(C+P) 0. ?

Order No 40 yd³ Represented by 3 cylinders Slump 4 1/2 in Air Content 4.2 %

Truck No 169 Temps: Air 55 °F Concrete 63 °F Weather Clear

Date 2-2-94 Time Batched 12:50 Time Molded 1:42 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F

Time cured in water tank on job site at 73.4±3 degrees F after initial curing days

Delivered to Lab by: Corps A-E Contractor Cushioning Method

Signature Robert Jous Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
48-A	7	03 FEB 94	09 FEB 94	7	R.L.	C	84.5	2991	1
48-B	90	03 FEB 94	03 MAY 94	90	R.L.	C	138.0	4885	3
48-C	90	03 FEB 94	03 MAY 94	90	R.L.	C	141.0	4991	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 0 gallons added on site
POC [Signature] 2-2-94

Concrete Compression Test Specimen Data



Project 1744 St. CANAL EAST Side DACM29-93-C-0081
 Contractor Pittman Const. Concrete Supplier C.Z.
 Mixings: Central Job Shrink (truck) x Transit (truck) Curing
 Strength Required 3000 psi at 28 days Mix Designation 9103
 Cement lbs or bags Type Brand Mill Loc
 Fly Ash lbs Class Brand Mill Loc
 Fine Ag lbs(SSD) Gradation Source
in Coarse Ag lbs(SSD) Type Source
in Coarse Ag lbs(SSD) Type Source
in Coarse Ag lbs(SSD) Type Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Other

Total Water 18 gal or lbs W/C Source

Placement Location MONOCIST 82, 86 + 84

Order No 45 yd³ represented by 3 cylinders Slump 4 1/4 in Entr Air 5.9 %

Truck No 181 Temps: Air 63 °F Concrete 62 °F Weather cloudy

Date Molded 11-7-93 Time Molded 1:45 Molded By ALFA Test Ins.

Delivered to lab by: Corps A-E Contractor Other ALFA Test Ins.

Signature Robert Jones Title Technician

SPECIMEN MARKING	TEST AT (DAYS)	DATE RECEIVED	DATE TESTED	TESTED AT (DAYS)	BY	SPECIMEN WT (LBS)	TOTAL LOAD (LBS)	UNIT LOAD (PSI)	BREAK TYPE
ML-88-A	7	10 NOV 93	15 NOV 93	8	R.L.		91.5	3239	2
ML-88-B	21	10 NOV 93	29 NOV 93	22	R.L.		101.5	3593	3
ML-88-C	28	10 NOV 93	06 DEC 93	29	R.L.		125.0	4425	3
-D									
-E									
-F									

Lab Report No BREAK TYPE 1 2 3 4

Remarks FOR MONOCIST A 82-86 AND 84
 7 DAY TEST FELL ON SUNDAY, MOVED TEST ONE DAY MAKING TEST 8 DAYS. 21 AND 28 DAY TEST ALSO MOVED ONE DAY MAKING TEST 22 AND 29 DAY TEST.

Concrete Compression Test Specimen Data

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Project 17TH ST. CANAL EAST SIDE DACM29-
 Contractor PITTMAN CONST. Concrete Supplier Lo. Industries
 Mixings: Central Job Shrink (truck) X Transit (truck) Curing
 Strength Required 3000 psi at 28 days Mix Designation 9103
 Cement lbs or bags Type Brand Mill Loc
 Fly Ash lbs Class Brand Mill Loc
 Fine Ag lbs(SSD) Gradation Source
 in Coarse Ag lbs(SSD) Type Source
 in Coarse Ag lbs(SSD) Type Source
 in Coarse Ag lbs(SSD) Type Source
 A-E-A oz Made By Designation
 M-R-A oz Made By Designation
 Other

Total Water gal or lbs W/C Source

Placement Location MONO LIFT 90

Order No 14 yd³ represented by 3 cylinders Slump 5.5 in Entr Air 6.2 %

Truck No 183 Temps: Air 73 °F Concrete 69 °F Weather cloudy

Date Molded 11-3-93 Time Molded 3:20 PM Molded By ALPHA Testing

Delivered to lab by: Corps A-E Contractor Other ALPHA Testing

Signature None Carr Title Technician

MARK #9

SPECIMEN MARKING	TEST AT (DAYS)	DATE RECEIVED	DATE TESTED	TESTED AT (DAYS)	BY	SPECIMEN WT (LBS)	TOTAL LOAD (LBS)	UNIT LOAD (PSI)	BREAK TYPE
ML-90-A	7	05 NOV 93	10 NOV 93	7	R.L.		104.5	3699	2
ML-90-B	28	05 NOV 93	01 DEC 93	28	R.L.		140.5	4974	2
ML-90-C	28	05 NOV 93	01 DEC 93	28	R.L.		138.5	4903	2
-D									
-E									
-F									

Lab Report No 1 BREAK TYPE 1 2 3 4

Remarks The new LMN Form 853-R should be used. POC is J. GORDON 12725. (see all results submitted)

Concrete Compression Test Specimen Data

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Project: 174 St. Canal East side
 Contractor: Pittman Const. Concrete Supplier: C.I. DACM29-93-C-0081
 Mixings: Central Job Shrink (truck) X Transit (truck) Curing
 Strength Required: 3000 psi at 28 days Mix Designation: 9103
 Cement: 370 lbs or bags Type _____ Brand _____ Mill Loc: New Braunfels, TX
 Fly Ash: 94 lbs Class _____ Brand _____ Mill Loc: White Bluffs, GA
 Fine Ag: 1318 lbs(SSD) Gradation: ASTM 33 Source: ISAHELL, LA
3/4 in Coarse Ag: 1775 lbs(SSD) Type _____ Source _____
 _____ in Coarse Ag: _____ lbs(SSD) Type _____ Source _____
 _____ in Coarse Ag: _____ lbs(SSD) Type _____ Source _____
 A-E-A _____ oz Made By _____ Designation _____
 M-R-A _____ oz Made By _____ Designation _____
 Other _____

Total Water: ? gal or lbs W/C: ? Source: CITY TAP

Placement Location: MONOLIT #80 + 83

Order No: 33 yd³ represented by 3 cylinders Slump: 4 in Entr Air: 5.5 %

Truck No: 183 Temps: Air 74 °F Concrete 76 °F Weather: Clear

Date Molded: 11-12-93 Time Molded: 1:52 Molded By: ALPHA TESTING

Delivered to lab by: _____ Corps _____ A-E _____ Contractor _____ Other: "

Signature: Robert Fowles Title: Technician

SPECIMEN MARKING	TEST AT (DAYS)	DATE RECEIVED	DATE TESTED	TESTED AT (DAYS)	BY	SPECIMEN WT (LBS)	TOTAL LOAD (LBS)	UNIT LOAD (PSI)	BREAK TYPE
(ML80)S-A	7	15 NOV 93	19 NOV 93	7	L.B.		87.5	3098	1
(ML80)S-B	21	15 NOV 93	03 DEC 93	21	R.L.		127.5	4514	
(ML80)S-C	28	15 NOV 93	10 DEC 93	28	R.L.		130.0	4602	2
-D									
-E									
-F									

Lab _____ Report No _____ BREAK TYPE 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks _____

Concrete-Compression Test Specimen Data

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Project 17th St Canal DACN29-93C0081
 Contractor Pittman Concrete Supplier LI
 Mixing: Central Job Shrink (truck) 0 Transit (truck) Curing
 Strength Required 3000 psi at 28 days Mix Designation 9103
 Cement 376 (lbs) or bags Type 1 Brand TXI Mill Loc New Brunswick, TX
 Fly Ash 94 lbs Class C Brand Holnum, Inc. Mill Loc White Bluff, GA
 Fine Ag 1318 lbs(SSD) Gradation Source ESABELL, LA
3/4 in Coarse Ag 1775 lbs(SSD) Type Source ESABELL, LA
 in Coarse Ag lbs(SSD) Type Source
 in Coarse Ag lbs(SSD) Type Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Other

Total Water 7 ? gal or lbs W/C ? Source TRUCK

Placement Location Mano Lift 78

Order No 9 yd³ represented by 3 cylinders Slump 4 1/4 in Entr Air 5.3 %

Truck No 183 Temps: Air 76° °F Concrete 79° °F Weather Rain

Date Molded 11-15-93 Time Molded 1:10 Molded By ALPHA Testing

Delivered to lab by: Corps A-E X Contractor Other

Signature Brian Ables Title

SPECIMEN MARKING	TEST AT (DAYS)	DATE RECEIVED	DATE TESTED	TESTED AT (DAYS)	BY	SPECIMEN WT (LBS)	TOTAL LOAD (LBS)	UNIT LOAD (PSI)	BREAK TYPE
6A -A	7	16 NOV 93	11-28-93	7	R.L.		91.5	3239	2
6B -B	28	16 NOV 93	13 DEC 93	28	R.L.		117.0	4142	2
6C -C	28	16 NOV 93	13 DEC 93	28	R.L.		121.5	4301	2
-D									
-E									
-F									

Lab Report No BREAK TYPE 1 2 3 4

Remarks 236

RECEIVED

NOV 16 1993

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for yd³ Specified Strength (F'c) 3000 psi at ? days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) ? lbs
 Placement Location Monolith # 15, 12 + 10 W/(C+P) 0.?
 Order No 40 yd³ Represented by 3 cylinders Slump 4 in Air Content 5.5 %
 Truck No 183 Temps: Air 58 °F Concrete 63 °F Weather pt. cloudy + cool
 Date 12-27-93 Time Batched 11:50 Time Molded 12:30 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Robert Dow Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
30-A	7	28 DEC 93	03 JAN 94	7	L.B.	C	118.0	4177	2
30-B	90?	28 DEC 93	28 MAR 94	91	R.L.	C	179.5	6354	3
30-C	90?	28 DEC 93	28 MAR 94	91	R.L.	C	177.5	6284	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks Cylinders were made on MONOLIFT # 10
0 gallons of water added AT SITE **RECEIVED**
90 DAY BREAK FALLS ON A SUNDAY. DEC 28 1993

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&I
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-B-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith # 6, 8 + 13 W/(C+P) 0. ?
 Order No 48 yd³ Represented by 3 cylinders Slump 4 in Air Content 5.1 %
 Truck No 171 Temps: Air 59 °F Concrete 64 °F Weather pt cloudy
 Date 12-28-93 Time Batched 11:37 Time Molded 12:35 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Robert Zout Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
31-A	7	29 DEC 93	04 JAN 94	7	R.L.	C	120.0	4248	2
31-B	90 [±]	29 DEC 93	28 MAR 94	90	R.L.	C	165.0	5841	3
31-C	90 [±]	29 DEC 93	28 MAR 94	90	R.L.	C	166.0	5876	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks Cylinders were taken on monolith #6

5 GALLONS OF WATER WAS ADDED AT JOB SITE

RECEIVED

DEC 9 1993

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-15281

Contractor Pittman Construction Concrete Supplier L. I.

Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031

Proportions for 94 yd³ Specified Strength (F'c) 3000psi at 10 days Specified (W/C+P) 0. max

Cement (C) 376 lbs ASTM Type I Brand TXI

Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc

Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source

3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

A-E-A oz Made By Designation

W-R-A oz Made By Designation

 Made By Designation

Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap

Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs

Placement Location Monolith # 11, 9 + 4 W/(C+P) 0.

Order No 42 yd³ Represented by 3 cylinders Slump 4.5 in Air Content 3.3 %

Truck No 175 Temps: Air 45 °F Concrete 54 °F Weather pt cloudy + Drizzly

Date 12-29-93 Time Batched 12:41 Time Molded 1:33 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F

Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days

Delivered to Lab by: Corps A-E Contractor Cushioning Method

Signature Robert Dow Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
32-A	7	30 DEC 93	05 JAN 94	7	R.L.	C	115.5	4089	2
32-B	90	30 DEC 93	29 MAR 94	90	R.L.	C	178.0	6301	3
32-C	90	30 DEC 93	29 MAR 94	90	R.L.	C	170.0	6018	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks Cylinders were taken on Monolith # 4

0 GALLONS WERE ADDED ON JOB SITE.

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 94 yd³ Specified Strength (F'c) 3000 psi at 70 days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&I
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith # 2, 5, 7 W/C+P 0.
 Order No 40.5 yd³ Represented by 3 cylinders Slump 3 3/4 in Air Content 3 %
 Truck No 175 Temps: Air 61 °F Concrete 67 °F Weather Clear + mild
 Date 12-30-93 Time Batched 11:48 Time Molded 12:35 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Robert Four Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
33-A	7	06 JAN 94	06 JAN 94	7	R.L.	C	121.5	4301	2
33-B	90	06 JAN 94	31 MAR 94	91	L.B.	C	179.0	6337	2
33-C	90	06 JAN 94	31 MAR 94	91	L.B.	C	178.0	6301	2
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks Cylinders were taken on monolith # 2
0 gallons of water were added on site.

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 92031
 Proportions for yd³ Specified Strength (F'c) 3000 psi at 90 days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&I
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith # 3, 1 + 38 W/C+P 0.
 Order No 41 yd³ Represented by 3 cylinders Slump 4 in Air Content 3-2 %
 Truck No 183 Temps: Air 63 °F Concrete 68 °F Weather clear & sunny
 Date 12-31-93 Time Batched 12:20 Time Molded 1:01 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days

Delivered to Lab by: Corps A-B Contractor Cushioning Method
 Signature Robert Gou Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
34-A	7	07 JAN 94	07 JAN 94	7	R.L.	C	122.0	4319	3
34-B	90	07 JAN 94	01 APR 94	91	L.B.	C	158.5	5611	3
34-C	90	07 JAN 94	01 APR 94	91	L.B.	C	175.5	6213	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks Cylinders were made on monolith # 38
5 gallons of water added on site

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd³ Specified Strength (F'c) 3000psi at 70 days Specified (W/C+P) 0. max.
 Cement (C) 376 lbs ASTM Type 1 Brand TXI
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) ? lbs
 Placement Location Monolith # 27 W/(C+P) 0.?
 Order No 21 yd³ Represented by 3 cylinders Slump 5 in Air Content 4.8 %
 Truck No 173 Temps: Air 65 °F Concrete 70 °F Weather pt. cloudy
 Date 1-26-94 Time Batched 12:55 Time Molded 1:45 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method

Signature Robert Fous Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
45-A	7								
45-B	90								
45-C	90								
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 5 GALLONS ADDED ON SITE
SAMPLES RECEIVED 27 JAN 1994 UNABLE TO CAP BECAUSE
ALL SAMPLES RECEIVED WERE 1/4 TILTED TO ONE SIDE
VERY POORLY MOLDED L.B.

Concrete Compression Test Specimen Data

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Project 17th St. CANAL EAST side DACW29-93-C0081
 Contractor Pittman Const. Concrete Supplier C.I.
 Mixings Central Job Shrink (truck) X Transit (truck) Curing
 Strength Required 3000 psi at days Mix Designation 91031
 Cement 376 lbs or bags Type 1 Brand IX1 Mill Loc New Drumfeld, Va
 Fly Ash 94 lbs Class C Brand Holum, Va Mill Loc White Bluff, Va.
 Fine Ag 1318 lbs(SSD) Gradation ASTM 33 Source
3/4 in Coarse Ag 1775 lbs(SSD) Type Source
 in Coarse Ag lbs(SSD) Type Source
 in Coarse Ag lbs(SSD) Type Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Other Designation
 Total Water 10 gal or lbs W/C Source City Tap
 Placement Location MONOLIFT # 31, 29, + 26
 Order No 40 yd³ represented by 3 cylinders Sluap 3 3/4 in Entr Air 5.6 %
 Truck No 179 Temps: Air 52 °F Concrete 59 °F Weather Clear + Cold
 Date Molded 12-15-93 Time Molded 12:15 Molded By ALPHA TESTING
 Delivered to lab by: Corps A-E Contractor Other
 Signature Robert Jones Title Technician

SPECIMEN MARKING	TEST AT (DAYS)	DATE RECEIVED	DATE TESTED	TESTED AT (DAYS)	BY	SPECIMEN WT (LBS)	TOTAL LOAD (LBS)	UNIT LOAD (PSI)	BREAK TYPE
S 25-A	7	16 DEC 93	22 DEC 93	7	R.L.		119.5	4230	3
S 25-B	90	16 DEC 93	15 MAR 94	90	R.L.		156.5	5540	3
S 25-C	90	16 DEC 93	15 MAR 94	90	R.L.		156.0	5522	
-D									
-E									
-F									

Lab Report No BREAK TYPE 1 2 3 4 5

Remarks Cylinders were made on MONOLIFT # 26

MAY 86 Revised Aug 92

Concrete Compression Test Specimen Data

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Project 17th St. Canal - East Side DACM29-
 Contractor Pittman Const Concrete Supplier L1
 Mixings: Central Job Shrink (truck) Transit (truck) Curing
 Strength Required 3000 psi at 28 90 days Mix Designation 9103
 Cement 376 (lbs or bags) Type 1 Brand TKI Mill Loc New Brumels, Tx
 Fly Ash 94 lbs Class C Brand Halsum, Inc Mill Loc White Bluff, Ga.
 Fine Ag 1318 lbs(SSD) Gradation ASTM 33 Source Isabell, Ga.
3/4 in Coarse Ag 1775 lbs(SSD) Type _____ Source Isabell, Ga.
 _____ in Coarse Ag _____ lbs(SSD) Type _____ Source _____
 _____ in Coarse Ag _____ lbs(SSD) Type _____ Source _____
 A-E-A _____ oz Made By _____ Designation _____
 M-R-A _____ oz Made By _____ Designation _____
 Other _____

Total Water ? gal or (lbs) W/C ? Source City Tap

Placement Location MONOLIT # 77 & 74

Order No 24453 28 yd³ represented by 3 cylinders Slump 4 in Entr Air 5.4 %

Truck No 182 Temps: Air 70° of Concrete 78° of Weather Pt. Cloudy & Mild

Date Molded 11-17-93 Time Molded 2:25 PM Molded By ALPHA TESTING

Delivered to lab by: Corps _____ A-E _____ Contractor _____ Other " "

Signature Mikael Patel Title TECHNICIAN

TANK

SPECIMEN MARKING	TEST AT (DAYS)	DATE RECEIVED	DATE TESTED	TESTED AT (DAYS)	BY	SPECIMEN WT (LBS)	TOTAL LOAD (LBS)	UNIT LOAD (PSI)	BREAK TYPE
<u>1</u> ML 8-A	<u>7</u>	18 NOV 93	24 NOV 93	7	R.L.		100.0	3540	2
<u>1</u> ML 8-B	<u>90</u>	18 NOV 93	15 FEB 94	90	R.L.		155.0	5487	3
<u>1</u> ML 8-C	<u>90</u>	18 NOV 93	15 FEB 94	90	R.L.		157.0	5558	3
-D									
-E									
-F									

Lab _____ Report No _____ BREAK TYPE 1 2 3 4

Remarks _____

RECEIVED

NOV 18 1993

Concrete Compression Test Specimen Data

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Project 17th St. CANAL, EAST side

Contractor Pittman CONST. Concrete Supplier L.I. DACM29-

Mixings: Central Job Shrink (truck) X Transit (truck) Curing

Strength Required 3000 psi at 28 Days Mix Designation 9103

Cement 376 (lbs) or bags Type 1 Brand TXL Mill Loc New Brunfels, Tx

Fly Ash 94 lbs Class C Brand Holnum, INC. Mill Loc White Bluff, GA

Fine Ag 1318 lbs(SSD) Gradation ASTM33 Source

3/4 in Coarse Ag 1775 lbs(SSD) Type Source

 in Coarse Ag lbs(SSD) Type Source

 in Coarse Ag lbs(SSD) Type Source

A-E-A oz Made By Designation

W-R-A oz Made By Designation

Other Designation

Total Water gal or (lbs) W/C Source City Tap

Placement Location MONDCIPT # 72, + 77

Order No 28 yd³ represented by 3 cylinders Slump 4 1/2 in Entr Air 5.5 %

Truck No 179 Temps: Air 74 °F Concrete 78 °F Weather clear

Date Molded 11-18-93 Time Molded 1:39 Molded By ALPHA TESTING

Delivered to lab by: Corps A-E Contractor Other

Signature Robert Zou Title Technician

SPECIMEN MARKING	TEST AT (DAYS)	DATE RECEIVED	DATE TESTED	TESTED AT (DAYS)	BY	SPECIMEN WT (LBS)	TOTAL LOAD (LBS)	UNIT LOAD (PSI)	BREAK TYPE
ML-9-A	7	19 NOV 93	26 NOV 93	8	ECS		105.0	3717	2
ML-9-B	90	19 NOV 93	16 FEB 94	90	R.L.		150.0	5310	3
ML-9-C	90	19 NOV 93	16 FEB 94	90	R.L.		150.5	5328	3
-D									
-E									
-F									

Lab Report No BREAK TYPE 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 7 DAY BREAK FALLS ON A HOLIDAY.

RECEIVED

NOV 19 1993

Concrete Compression Test Specimen Data

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Project: MOND CREST - 17th St. Canal EAST side DACW29-
 Contractor: Pittman Const. Concrete Supplier: C.P.
 Mixings: Central Job Shrink (truck) X Transit (truck) Curing
 Strength Required: 3000 psi at 7 days Mix Designation: 9103
 Cement: 376 lbs or bags Type 1 Brand TYE Mill Loc New Brunfels, TX
 Fly Ash: 94 lbs Class C Brand Holdum Inc Mill Loc White Bluff, Ha
 Fine Ag: 131B lbs(SSD) Gradation AST M33 Source
3/4 in Coarse Ag 1775 lbs(SSD) Type Source
 in Coarse Ag lbs(SSD) Type Source
 in Coarse Ag lbs(SSD) Type Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Other

Total Water gal or lbs W/C Source City Tap

Placement Location MOND CREST # 70, 73 + 75

Order No 42 yd³ represented by 3 cylinders Slump 4.5 in Entr Air 5.1 %

Truck No 24629 Temps: Air 73 °F Concrete 77 °F Weather PT. Cloudy

Date Molded 11-19-93 Time Molded 1:48 Molded By ALPHA TESTING

Delivered to lab by: Corps A-E Contractor Other

Signature R. Fous + Dave Amair Title Technician

SPECIMEN MARKING	TEST AT (DAYS)	DATE RECEIVED	DATE TESTED	TESTED AT (DAYS)	BY	SPECIMEN WT (LBS)	TOTAL LOAD (LBS)	UNIT LOAD (PSI)	BREAK TYPE
10-A	7	22 NOV 93	26 NOV 93	7	R.L.		85.0	3009	1
10-B	90	22 NOV 93	17 FEB 94	90	R.L.		141.5	5009	3
10-C	90	22 NOV 93	17 FEB 94	90	R.L.		140.0	4956	3
-D									
-E									
-F									

Lab Report No BREAK TYPE 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks

MAY 86

Revised: Aug 92

Concrete Compression Test Specimen Data

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DACW29-93-C-0087

Project 17th St. CANAL EAST side
 Contractor Dittman CON ST. Concrete Supplier L-I.
 Mixings Central Job Shrink (truck) X Transit (truck) Curing
 Strength Required 3000 psi at 28 days Mix Designation 9103
 Cement 374 lbs or bags Type I Brand TKI Mill Loc New Brunfels IN
 Fly Ash 94 lbs Class C Brand Holsum, Inc Mill Loc White Bluff, Ga
 Fine Ag 1318 lbs(SSD) Gradation QS+M33 Source
3/4 in Coarse Ag 1775 lbs(SSD) Type Source
 in Coarse Ag lbs(SSD) Type Source
 in Coarse Ag lbs(SSD) Type Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Other Designation

Total Water gal or lbs W/C Source Jap-City

Placement Location MANLIFT # 71, 68, 66

Order No 49 yd³ represented by 3 cylinders Slump 3 in Entr Air 5.5 %

Truck No 171 Temps: Air 68 °F Concrete 71 °F Weather Clear.

Date Molded 11-22-93 Time Molded 1:49 Molded By ALPHA TESTING

Delivered to lab by Corps A-E Contractor Other

Signature Robert Row Title Technician

SPECIMEN MARKING	TEST AT (DAYS)	DATE RECEIVED	DATE TESTED	TESTED AT (DAYS)	BY	SPECIMEN WT (LBS)	TOTAL LOAD (LBS)	UNIT LOAD (PSI)	BREAK TYPE
<u>nl. 68-11-A</u>	<u>7</u>	<u>23 NOV 93</u>	<u>29 NOV 93</u>	<u>7</u>	<u>R.L.</u>		<u>104.0</u>	<u>3682</u>	<u>2</u>
<u>11-B</u>	<u>90</u>	<u>23 NOV 93</u>	<u>22 FEB 94</u>	<u>92</u>	<u>R.L.</u>		<u>155.0</u>	<u>5487</u>	<u>3</u>
<u>11-C</u>	<u>90</u>	<u>23 NOV 93</u>	<u>22 FEB 94</u>	<u>92</u>	<u>R.L.</u>		<u>154.0</u>	<u>5452</u>	<u>3</u>
<u>-D</u>									
<u>-E</u>									
<u>-F</u>									

Lab Report No BREAK TYPE 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 90 DAY TEST FALLS ON HOLIDAY , MOVED TEST TWO DAYS MAKING TEST 92 DAYS.

MAY 86 Revised: Aug 92

Concrete Compression Test Specimen Data

Project 17th St. CANAL EAST Side DACW29-93-c-1081
 Contractor PITTMAN CONST. Concrete Supplier C.I.
 Mixing: Central Job Site Shrink (Truck) X Transit (Truck) Mix Designation 9103
 Proportions for yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type I Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc. **RECEIVED**
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source **DEC 17 1993**
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source **CELMN-ED-FT.**
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location MUNOLIFT #'S 27, 24 + 22 W/(C+P) 0.
 Order No 40 yd³ Represented by 3 cylinders Slump 4 1/4 in Air Content 6.6 %
 Truck No 184 Temps: Air 50 °F Concrete 57 °F Weather clear & cold
 Date 12-16-93 Time Batched 12:05 Time Molded 12:55 Molded By ALPHA TESTING
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Robert Zouet Title Technician

5
5
5

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
26-A	7	17 DEC 93	23 DEC 93	7	R.L.	C	82.5	2921	2
26-B	90 [±]	17 DEC 93	16 MAR 94	90	R.L.	C	90.5	3204	2
26-C	90 [±]	17 DEC 93	16 MAR 94	90	R.L.	C	92.0	3257	2
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks Cylinders were taken on monolift # 22

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for yd³ Specified Strength (F'c) 3000 psi at 7 days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&I
 ? Pozzolan (P) lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water 5* gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith # 21/18 + 16 W/(C+P) 0.?
 Order No 42 yd³ Represented by 3 cylinders Slump 4 in Air Content 5.6 %
 Truck No 175 Temps: Air 58 °F Concrete 63 °F Weather Clear + Cool
 Date 12-21-93 Time Batched 17:48 Time Molded 3/249 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F

Time cured in water tank on job site at 73.4±3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Robert Jones Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
28-A	7	22 DEC 93	28 DEC 93	7	R.L.	C	121.5	4301	2
28-B	90?	22 DEC 93	21 MAR 94	90	R.L.	C	157.0	5558	3
28-C	90?	22 DEC 93	21 MAR 94	90	R.L.	C	160.0	5664	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks Cylinder were made ON MONOLITH # 16

* TOTAL WATER ADDED 5 GALLONS

Concrete Compression Test Specimen Data

Project 17th St. CANAL EAST side DACW29- c
 Contractor PITTMAN CONST. Concrete Supplier L-I.
 Mixing: Central Job Site Shrink (Truck) X Transit (Truck) Mix Designation 9103
 Proportions for ? yd³ Specified Strength (F'c) 3000 psi at ? days Specified (W/C+P) 0. max
 Cement (C) ? lbs ASTM Type ? Brand ?
 Pozzolan (P) ? lbs ASTM Class ? Brand ?
 Fine Aggregate ? lbs ASTM ? LDOTD Absorption ? % Source ?
? in Coarse Ag ? lbs Size #/Grade ? Absorption ? % Source ?
? in Coarse Ag ? lbs Size #/Grade ? Absorption ? % Source ?
? in Coarse Ag ? lbs Size #/Grade ? Absorption ? % Source ?
 A-E-A ? oz Made By ? Designation ?
 W-R-A ? oz Made By ? Designation ?
? Made By ? Designation ?
 Moisture: Fine Ag ? % Coarse Ag ? % Field Water 15 gal (8.33 lbs/gal) Source ?
 Fine Ag ? + Coarse Ag ? + Batch ? + Ice ? + Field ? = Total Water (W) ? lbs
 Placement Location MOUND LIFT #'S 25, 23 + 20 W/(C+P) ?
 Order No 40 yd³ Represented by 3 cylinders Slump 4.4 in Air Content 5-9 %
 Truck No 180 Temps: Air 56 °F Concrete 60 °F Weather OVERCAST
 Date 12-17-93 Time Batched 11:50 Time Molded 12:31 Molded By ALPHA TESTING
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F ?
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing ? days
 Delivered to Lab by: ? Corps ? A-E Contractor ? Cushioning Method ?
 Signature Robert Zort Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
27-A	7	20 DEC 93	27 DEC 93	10	L.B.	C	118.5	4195	2
27-B	90	20 DEC 93	17 MAR 94	90	R.L.	C	155.5	5505	3
27-c	90	20 DEC 93	17 MAR 94	90	R.L.	C	155.0	5487	3
-D									
-E									

Lab ? Report No ? Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks Cylinders were taken on MOUND LIFT # 20

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for yd³ Specified Strength (F'c) 3000 psi at 7 days Specified (W/C+P) 0. max.
 Cement (C) 376 lbs ASTM Type 1 Brand T&I
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc **RECEIVED**
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source **DEC 27 1993**
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source **CELMN-ED-FI**
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith # 19, 17, #14 W/(C+P) 0. ?
 Order No 35 yd³ Represented by 3 cylinders Slump 4 1/4 in Air Content 5.2 %
 Truck No 183 Temps: Air 46 °F Concrete 53 °F Weather Overcast + Cold
 Date 12-23-93 Time Batched 9:31 Time Molded 10:13 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Robert Loux Title Technician

TANK

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
<u>I</u> 29-A	<u>7</u>	27 DEC 93	30 DEC 93	<u>7</u>	ECS	C	113.0	4000	2
<u>I</u> 29-B	<u>90?</u>	27 DEC 93	23 MAR 94	<u>90</u>	R.L.	C	145.0	5133	3
<u>I</u> 29-C	<u>90?</u>	27 DEC 93	23 MAR 94	<u>90</u>	R.L.	C	165.0	5841	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks Cylinder were on Monolith # 14
Q Water was added to truck on site

Concrete Compression Test Specimen Data

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Project 17th St. CANAL EAST Side
 Contractor Pittman Const. Concrete Supplier C.I. DACN29- 93-C0081
 Mixings Central Job Shrink (truck) Transit (truck) Curing _____
 Strength Required 3000 psi at _____ days
 Cement 376 lbs or bags Type _____ Brand _____ Mix Designation 91031
 Fly Ash 94 lbs Class _____ Brand Holum, INC. Mill Loc New Brunsdwy
 Fine Ag 1318 lbs(SSD) Gradation ASTM 33 Mill Loc White Bluff Ga.
3/4 in Coarse Ag 1775 lbs(SSD) Type _____ Source _____
 _____ in Coarse Ag _____ lbs(SSD) Type _____ Source _____
 _____ in Coarse Ag _____ lbs(SSD) Type _____ Source _____
 A-E-A _____ oz Made By _____ Designation _____
 M-R-A _____ oz Made By _____ Designation _____
 Other _____ Designation _____

Total Water ? gal or lbs W/C ? Source City Tap

Placement Location MONOLIFT # 41, 38, + 36

Order No 43 yd³ represented by 3 cylinders Slump 4 3/4 in Entr Air 5.5 %

Truck No 183 Temps: Air 70 °F Concrete 74 °F Weather Clear

Date Molded 12-8-93 Time Molded 12:51 Molded By ALPHA TESTING

Delivered to lab by: _____ Corps _____ A-E _____ Contractor _____ Other _____

Signature Robert Jones Title Technician

SPECIMEN MARKING	TEST AT (DAYS)	DATE RECEIVED	DATE TESTED	TESTED AT (DAYS)	BY	SPECIMEN WT (LBS)	TOTAL LOAD (LBS)	UNIT LOAD (PSI)	BREAK TYPE
21-A	7	09 DEC 93	15 DEC 93	7	R.L.		87.5	3098	
21-B	90	09 DEC 93	08 MAR 94	90	R.L.		136.0	4814	
21-C	90	09 DEC 93	08 MAR 94	90	R.L.		140.0	4956	
-D									
-E									
-F									

Lab _____ Report No _____ BREAK TYPE 1 2 3 4

Remarks Cylinders were made on MONOLIFT # 38

Concrete Compression Test Specimen Data

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DACW29-93-C0081

Project 17th St. CANAL EAST side
 Contractor Pittman Const. Concrete Supplier C.I.
 Mixings Central Job Shrink (truck) X Transit (truck) Curing
 Strength Required 3000 psi at days Mix Designation 41031
 Cement 376 lbs or bags Type Brand TXE Mill Loc NEW BRUNSWICK TX
 Fly Ash 94 lbs Class Brand HOLM, INC Mill Loc White Bluff, GA.
 Fines Ag 1318 lbs(SSD) Gradation ASTM 33 Source
3/4 in Coarse Ag 1795 lbs(SSD) Type Source
 in Coarse Ag lbs(SSD) Type Source
 in Coarse Ag lbs(SSD) Type Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Other

Total Water ? gal or lbs W/C ? Source City Tap

Placement Location MANUFACT # 39, 37 + 34

Order No 40 yd³ represented by 3 cylinders Slump 4.25 in Entr Air 5.7 %

Truck No 183 Temps: Air 70 °F Concrete 74 °F Weather Cloudy

Date Molded 12-9-93 Time Molded 12:55 Molded By ALPHA TESTING

Delivered to lab by: Corps A-E Contractor Other

Signature Robert Jones Title Technician

SPECIMEN MARKING	TEST AT (DAYS)	DATE RECEIVED	DATE TESTED	TESTED AT (DAYS)	BY	SPECIMEN WT (LBS)	TOTAL LOAD (LBS)	UNIT LOAD (PSI)	BREAK TYPE
22-A	7	13 DEC 93	16 DEC 93	7	R.L.		83.5	2956	2
22-B	90	13 DEC 93	09 MAR 94	90	R.L.		137.0	4850	3
22-C	90	13 DEC 93	09 MAR 94	90	R.L.		135.0	4779	
-D									
-E									
-F									

Lab Report No BREAK TYPE 1 2 3 4 5

Remarks Cylinders were made on MANUFACT # 34

MAY 86 Revised Aug 92

Concrete Compression Test Specimen Data

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Project 17th St. CANAL EAST side
 Contractor Pittman Const. Concrete Supplier C. Z. DACN29- 93 CON81
 Mixings Central Job Shrink (truck) Transit (truck) Curing
 Strength Required 3000 psi at days Mix Designation 91031
 Cement 376 lbs or bags Type Brand LXI Mill Loc New Brunfels Jc
 Fly Ash 94 lbs Class Brand Hokum, Inc. Mill Loc White Bluff Jc
 Fine Ag 1318 lbs(SSD) Gradation ASTM33 Source
34 in Coarse Ag 1775 lbs(SSD) Type Source
 in Coarse Ag lbs(SSD) Type Source
 in Coarse Ag lbs(SSD) Type Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Other

Total Water ? gal or lbs W/C ? Source City Tap

Placement Location MONOLIFT # ~~32~~ 32 + 30

Order No 35 yd³ represented by 3 cylinders Slump 4.25 in Entr Air 5.4 %

Truck No 179 Temps: Air 64 °F Concrete 69 °F Weather cloudy + Drizzly

Date Molded 12-13-93 Time Molded 12:53 Molded By ALPHA TESTING

Delivered to lab by: Corps A-E Contractor Other

Signature Robert Jones Title Technician

1
+
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SPECIMEN MARKING	TEST AT (DAYS)	DATE RECEIVED	DATE TESTED	TESTED AT (DAYS)	BY	SPECIMEN WT (LBS)	TOTAL LOAD (LBS)	UNIT LOAD (PSI)	BREAK TYPE
23-A	7	16 DEC 93	20 DEC 93	7	R.L.		120.5	4266	3
23-B	90	16 DEC 93	14 MAR 94	91	R.L.		165.0	5841	3
23-C	90	16 DEC 93	14 MAR 94	91	R.L.		167.0	5912	3
-D									
-E									
-F									

Lab Report No BREAK TYPE 1 2 3 4

Remarks Cylinders were made on MONOLIFT # 30

MAY 86 Revised Aug 97

Concrete Compression Test Specimen Data

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Project 17th St. CANAL EAST side DACN29- 93-C0081
 Contractor Pittman Const. Concrete Supplier C.I.
 Mixings Central Job Shrink (truck) X Transit (truck) Curing
 Strength Required 3000 psi at days Mix Designation 91031
 Cement 370 lbs or bags Type I Brand TXI Mill Loc New Bremen, IN
 Fly Ash 94 lbs Class C Brand Holcim Inc. Mill Loc White Bluff, Ga
 Fine Ag 1318 lbs(SSD) Gradation ASTM 33 Source
34 in Coarse Ag 1775 lbs(SSD) Type Source
 in Coarse Ag lbs(SSD) Type Source
 in Coarse Ag lbs(SSD) Type Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Other
 Total Water ? gal or lbs W/C ? Source City Tap
 Placement Location MONOLIFT # 47, 33, + 28
 Order No 40 yd³ represented by 3 cylinders Slump 5 in Entr Air 6.0 %
 Truck No 172 Temps: Air 61 °F Concrete 67 °F Weather clear + cool
 Date Molded 12-14-93 Time Molded 12:50 Molded By ALPHA TESTING
 Delivered to lab by: Corps A-E Contractor Other
 Signature Robert Jones Title Technician

SPECIMEN MARKING	TEST AT (DAYS)	DATE RECEIVED	DATE TESTED	TESTED AT (DAYS)	BY	SPECIMEN WT (LBS)	TOTAL LOAD (LBS)	UNIT LOAD (PSI)	BREAK TYPE
24-A	7	16 DEC 93	21 DEC 93	7	R.L.		110.5	3912	2
24-B	90	16 DEC 93	14 MAR 94	90	R.L.		155.0	5487	3
24-C	90	16 DEC 93	14 MAR 94	90	R.L.		150.0	5310	3
-D									
-E									
-F									

Lab Report No BREAK TYPE 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks Cylinders were made on MONOLIFT # 47

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081

Contractor Pittman Construction Concrete Supplier L.I.

Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031

Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0.56 / max ⁹⁴¹ ₈₂₆

Cement (C) 376 lbs ASTM Type 1 Brand T&E

Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc

Fine Aggregate 1318 lbs ASTM LDOTD Absorption ? % Source

3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption ? % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

A-E-A oz Made By Designation

W-R-A oz Made By Designation

 Made By Designation

Moisture: Fine Ag ? % Coarse Ag ? % Field Water gal (8.33 lbs/gal) Source City Tap

Fine Ag ? + Coarse Ag ? + Batch + Ice + Field = Total Water (W) 140 lbs * X

Placement Location Monolift # 21 + 23 W/(C+P) 0.?

Order No 40 yd³ Represented by 3 cylinders Slump 4 1/2 in Air Content 3-1 %

Truck No 178 Temps: Air 70 °F Concrete 75 °F Weather Cloudy

Date 2-8-94 Time Batched 11:50 Time Molded 12:45 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F

Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days

Delivered to Lab by: Corps A-E Contractor Cushioning Method

Signature Robert Jones Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
49-A	7	09 FEB 94	16 FEB 94	8	R.L.	C	109.0	3859	2
49-B	90	09 FEB 94	16 MAY 94	97	L.B.	C	155.0	5487	2
49-C	90	09 FEB 94	16 MAY 94	97	L.B.	C	146.5	5186	2
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 0 GALLONS added ON SITE
CVI TAKEN ON MONOLIFT #21

7 DAY TEST MOVED ONE DAY BECAUSE 15 FEB 94 WAS A HOLIDAY.

CYLINDERS WERE BROKEN 7 DAYS LATE. *Note excess water with the fines & coarse

LMN FORM 853-R agg above ssb are included with total water.
AUG 92 (Use May 86 edition until supply exhausted.) (P.O.C. J Jordan 2015)

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at 90 days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&E
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag ? % Coarse Ag ? % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag ? + Coarse Ag ? + Batch ? + Ice + Field = Total Water (W) ? lbs
 Placement Location Monolift # ~~16+19~~ 16+19 W/(C+P) 0.?
 Order No 9 yd³ Represented by 3 cylinders Slump 4 1/2 in Air Content 3.6 %
 Truck No 124 Temps: Air 66 °F Concrete 62 °F Weather clear
 Date 2-25-94 Time Batched 12:44 Time Molded 1:15 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing ? days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Robert Jow Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
50-A	7	28 FEB 94	04 MAR 94	7	L.B.	C	113.0	4000	1
50-B	28 ⁹⁰	28 FEB 94	26 MAY 94	90	R.L.	C	180.0	6372	3
50-C	28 ⁹⁰	28 FEB 94	26 MAY 94	90	R.L.	C	178.0	6301	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks Cylinders made on mono lift # 19
5 gallons added on site

P.O.C J Jordan x2215

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at 90 days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand TXI
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith # 14 W/(C+P) 0.
 Order No 21 yd³ Represented by 3 cylinders Slump 5 1/4 in Air Content 3-4 %
 Truck No 177 Temps: Air 67 °F Concrete 72 °F Weather pt cloudy
 Date 2-28-94 Time Batched 11:53 Time Molded 12:55 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Robert Dout Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
51-A	7	03 MAR 94	07 MAR 94	7	R.L.	C	97.0	3434	1
51-B	90	03 MAR 94	31 MAY 94	92	R.L.	C	172.0	6089	3
51-C	90	03 MAR 94	31 MAY 94	92	R.L.	C	168.5	5965	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 5 GALLONS OF WATER added on site
90 DAY TEST FALLS ON SUNDAY AND MONDAY IS A HOLIDAY.

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at ? days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&I
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) ? lbs
 Placement Location Monolift # 17 + 12 W/(C+P) 0.?
 Order No 38 yd³ Represented by 3 cylinders Slump 3 1/4 in Air Content 3.1 %
 Truck No 175 Temps: Air 55 °F Concrete 61 °F Weather PT. Cloudy
 Date 3-2-94 Time Batched 12:50 Time Molded 1:45 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days

Delivered to Lab by Corps A-E Contractor Cushioning Method
 Signature Robert Zow Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
S2-A	7	03 MAR 94	09 MAR 94	7	R.L.	C	125.0	4425	2
S2-B	90	03 MAR 94	31 MAY 94	90	R.L.	C	180.0	6372	3
S2-C	90	03 MAR 94	31 MAY 94	90	R.L.	C	182.0	6443	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 5 gallons of water added to truck
Cylinders were taken on monolift # 17

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation G1031
 Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at 90 days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand TXI
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1316 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith # W/(C+P) 0. ?
 Order No 38 yd³ Represented by 3 cylinders Slump 4 1/4 in Air Content 4.6 %
 Truck No 177 Temps: Air 58 °F Concrete 67 °F Weather pt cloudy, sunny
 Date 3-3-94 Time Batched 1:40 Time Molded 2:20 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F

Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature [Signature] Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
<u>53-A</u>	<u>7</u>	<u>04 MAR 94</u>	<u>10 MAR 94</u>	<u>7</u>	<u>R.L.</u>	<u>C</u>	<u>97.0</u>	<u>3434</u>	<u>2</u>
<u>53-B</u>	<u>90</u>	<u>04 MAR 94</u>	<u>01 JUN 94</u>	<u>90</u>	<u>R.L.</u>	<u>C</u>	<u>171.5</u>	<u>6071</u>	<u>3</u>
<u>53-C</u>	<u>90</u>	<u>04 MAR 94</u>	<u>01 JUN 94</u>	<u>90</u>	<u>R.L.</u>	<u>C</u>	<u>170.0</u>	<u>6018</u>	<u>3</u>
<u>-D</u>									
<u>-E</u>									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 5 gallons of water added to truck on site

MAY 10 1994

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081

Contractor Pittman Construction Concrete Supplier L.I.

Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation Q1031

Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max

Cement (C) 376 lbs ASTM Type 1 Brand T&E

Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc

Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source

3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

A-E-A oz Made By Designation

W-R-A oz Made By Designation

 Made By Designation

Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap

Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs

Placement Location Monolift # 27 + 36 W/(C+P) 0.

Order No 45 yd³ Represented by 3 cylinders Slump 3 1/2 in Air Content 3.2 %

Truck No 102 Temps: Air 88 °F Concrete 91 °F Weather Clear

Date 5-6-94 Time Batched 1:21 Time Molded 2:24 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F

Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days

Delivered to Lab by: Corps A-E Contractor Cushioning Method

Signature Robert Jones Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
72-A	7	10 MAY 94	13 MAY 94	7	L.B.	C	98.5	3487	1
72-B	90	10 MAY 94	04 AUG 94	90	R.L.	C	157.0	5558	3
72-C	90	10 MAY 94	04 AUG 94	90	R.L.	C	155.0	5487	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 20 gallons added on site

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 191031
 Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&L
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith # 38 + 29 W/(C+P) 0.
 Order No 45 yd³ Represented by 3 cylinders Slump 3 3/4 in Air Content 3.6 %
 Truck No 184 Temps: Air 88 °F Concrete 91 °F Weather PTC/Cloudy
 Date 5-9-94 Time Batched 1:13 Time Molded 2:00 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Robert Jones Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
73-A	7	10 MAY 94	16 MAY 94	7	L.B.	C	89.0	3151	2
73-B	90	10 MAY 94	08 AUG 94	91	R.L.	C	155.0	5487	3
73-C	90	10 MAY 94	08 AUG 94	91	R.L.	C	153.0	5416	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 20 GALLONS Added ON SITE
90 DAY TEST FALLS ON SUNDAY.

MAY 13 1994

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081

Contractor Pittman Construction Concrete Supplier L. I.

Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031

Proportions for 9 yd' Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max

Cement (C) 376 lbs ASTM Type 1 Brand TXI

Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc

Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source

3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

A-E-A oz Made By Designation

W-R-A oz Made By Designation

 Made By Designation

Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap

Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs

Placement Location Monolith # 40 + 33 W/(C+P) 0.

Order No 45 yd' Represented by 3 cylinders Slump 3-1/2 in Air Content 3.0 %

Truck No 184 Temps: Air 90 °F Concrete 93 °F Weather PT Cloudy

Date 5-10-94 Time Batched 1:48 Time Molded 2:29 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F

Time cured in water tank on job site at 73.4±3 degrees F after initial curing days

Delivered to Lab by: Corps A-E Contractor Cushioning Method

Signature Robert Fore Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
10 74-A	7	13 MAY 94	17 MAY 94	7	R.L.	C	88.0	3115	2
10 74-B	90	13 MAY 94	08 AUG 94	90	R.L.	C	151.5	5363	3
10 74-C	90	13 MAY 94	08 AUG 94	90	R.L.	C	146.5	5186	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 22 gallons added on site

MAY 13 1994

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd³ Specified Strength (F'c) 3000psi at 90 days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&I
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption ? % Source _____
3/4 in Coarse Ag 1775 lbs Size #/Grade _____ Absorption ? % Source _____
 _____ in Coarse Ag _____ lbs Size #/Grade _____ Absorption _____ % Source _____
 _____ in Coarse Ag _____ lbs Size #/Grade _____ Absorption _____ % Source _____
 A-E-A _____ oz Made By _____ Designation _____
 W-R-A _____ oz Made By _____ Designation _____
 _____ Made By _____ Designation _____
 Moisture: Fine Ag ? % Coarse Ag _____ % Field Water ? gal (8.33 lbs/gal) Source City Tap
 Fine Ag _____ + Coarse Ag _____ + Batch _____ + Ice _____ + Field 6.64 = Total Water (W) ? lbs
 Placement Location Monolith # 35 x 42 W/(C+P) 0.?
 Order No 45 yd³ Represented by 3 cylinders Slump 4 in Air Content 3.5 %
 Truck No 103 Temps: Air 90 °F Concrete 93 °F Weather P + Cloudy
 Date 5-11-94 Time Batched 1:38 Time Molded 2:22 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F _____
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing _____ days
 Delivered to Lab by: _____ Corps A-E Contractor _____ Cushioning Method _____
 Signature Robert Zow Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
10 75-A	7	13 MAY 94	18 MAY 94	7	R.L.	C	86.0	3044	2
10 75-B	90	13 MAY 94	09 AUG 94	90	R.L.	C	145.0	5133	3
10 75-C	90	13 MAY 94	09 AUG 94	90	R.L.	C	146.5	5186	3
-D									
-E									

Lab _____ Report No _____ Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 8 gallons added at site
T.O.C. by location 1-2-15

MAY 17 1994

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 98 yd³ Specified Strength (F'c) 3000 psi at 90 days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&I
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water 5 gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field 11.65 = Total Water (W) lbs
 Placement Location Monolith # 31 W/(C+P) 0. ?
 Order No 2345 yd³ Represented by 3 cylinders Slump 4 1/2 in Air Content 3.8 %
 Truck No 1 Temps: Air 89 °F Concrete 91 °F Weather PT Cloudy
 Date 5-12-94 Time Batched 1:38 Time Molded 2:29 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Robert Zow Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
76-A	7	17 MAY 94	19 MAY 94	7	R.L.	C	85.0	3009	2
76-B	90	17 MAY 94	10 AUG 94	90	R.L.	C	137.5	4868	3
76c	90	17 MAY 94	10 AUG 94	90	R.L.	C	139.0	4921	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 5 gallons added on site

MAY 17 1994

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd³ Specified Strength (F'c) 3000psi at 90 days Specified (W/C+P) 0. max.
 Cement (C) 376 lbs ASTM Type 1 Brand T&E
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water 15 gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field at 95 = Total Water (W) ? lbs
 Placement Location Monolith # 37, 39 + 44 W/(C+P) 0.?
 Order No 666 yd³ Represented by 3 cylinders Slump 44 in Air Content 3.2 %
 Truck No 177 Temps: Air 91 °F Concrete 94 °F Weather PT Cloudy
 Date 5-13-94 Time Batched 12:07 Time Molded 1:10 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Robert Row Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
77-A	7	17 MAY 94	20 MAY 94	7	R.L.	C	86.0	3044	2
77-B	90	17 MAY 94	11 AUG 94	90	R.L.	C	142.0	5027	3
77-C	90	17 MAY 94	11 AUG 94	90	R.L.	C	145.5	5151	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 15 gallons added on site

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at 28 days Specified (W/C+P) 0. max.
 Cement (C) 376 lbs ASTM Type 1 Brand TAI
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption ? % Source ?
3/4 in Coarse Ag 1775 lbs Size #/Grade ? Absorption ? % Source ?
? in Coarse Ag ? lbs Size #/Grade ? Absorption ? % Source ?
? in Coarse Ag ? lbs Size #/Grade ? Absorption ? % Source ?
 A-E-A ? oz Made By ? Designation ?
 W-R-A ? oz Made By ? Designation ?
? Made By ? Designation ?
 Moisture: Fine Ag ? % Coarse Ag ? % Field Water ? gal (8.33 lbs/gal) Source City Tap
 Fine Ag ? + Coarse Ag ? + Batch ? + Ice ? + Field ? = Total Water (W) ? lbs
 Placement Location Monolith # 41 + 46 W/(C+P) 0. ?
 Order No 45 yd³ Represented by 3 cylinders Slump 3 3/4 in Air Content 3.9 %
 Truck No 183 Temps: Air 86 °F Concrete 89 °F Weather Clear
 Date 5-19-94 Time Batched 2:31 Time Molded 3:22 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F ?
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing ? days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method ?

Signature Robert Dow Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
78-A	7	20 MAY 94	26 MAY 94	7	R.L.	C	112.0	3965	2
78-B	90	20 MAY 94	17 AUG 94	90	R.L.	C	175.0	6195	3
78-C	90	20 MAY 94	17 AUG 94	90	R.L.	C	171.5	6071	3
-D									
-E									

Lab ? Report No 78 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 15 Gallons Added on site
?
?

MAY 23 1994

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081

Contractor Pittman Construction Concrete Supplier L. I.

Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031

Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at 7 days Specified (W/C+P) 0. max

Cement (C) 376 lbs ASTM Type I Brand TXI

Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc

Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source

3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

A-E-A oz Made By Designation

W-R-A oz Made By Designation

 Made By Designation

Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap

Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs

Placement Location Monolith # 48 + 43 W/C+P) 0. ?

Order No 45 yd³ Represented by 3 cylinders Slump 3 1/4 in Air Content 3.5 %

Truck No 178 Temps: Air 84 °F Concrete 88 °F Weather Clear

Date 5-20-94 Time Batched 12:03 Time Molded 12:46 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F

Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days

Delivered to Lab by: Corps A-E Contractor Cushioning Method

Signature Robert Jow Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
9 79-A	7	23 MAY 94	27 MAY 94	7	R.L.	C	93.0	3292	3
9 79-B	90	23 MAY 94	18 AUG 94	90	R.L.	C	171.5	6071	3
9 79-C	90	23 MAY 94	18 AUG 94	90	R.L.	C	176.5	6248	3
-D									
-E									

Lab Report No 79 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 10 gallons Added on site

MAY 24 1994

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081

Contractor Pittman Construction Concrete Supplier L.I.

Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031

Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at 10 days Specified (W/C+P) 0. max

Cement (C) 376 lbs ASTM Type I Brand T&I

Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc

Fine Aggregate 1318 lbs ASTM LDOTD Absorption ? % Source ?

3/4 in Coarse Ag 1775 lbs Size #/Grade ? Absorption ? % Source ?

? in Coarse Ag ? lbs Size #/Grade ? Absorption ? % Source ?

? in Coarse Ag ? lbs Size #/Grade ? Absorption ? % Source ?

A-E-A ? oz Made By ? Designation ?

W-R-A ? oz Made By ? Designation ?

? Made By ? Designation ?

Moisture: Fine Ag ? % Coarse Ag ? % Field Water 15 gal (8.33 lbs/gal) Source City Tap

Fine Ag ? + Coarse Ag ? + Batch ? + Ice ? + Field ? = Total Water (W) ? lbs

Placement Location Monolith # 45 + 50 W/(C+P) 0.?

Order No 45 yd³ Represented by 3 cylinders Slump 3 1/2 in Air Content 3.1 %

Truck No 100 ~~100~~ Temps: Air 87 °F Concrete 90 °F Weather Clear

Date 5-23-94 Time Batched 11:38 Time Molded 12:45 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F ?

Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing ? days

Delivered to Lab by: Corps A-E Contractor Cushioning Method

Signature Robert Zou Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
10 80-A	7	26 MAY 94	31 MAY 94	8	R.L.	C	112.0	3965	2
10 80-B	90	26 MAY 94	22 AUG 94	91	R.L.	C	165.0	5841	3
10 80-C	90	26 MAY 94	22 AUG 94	91	R.L.	P	161.5	5717	3
-D									
-E									

Lab ? Report No 80 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 15 GALLONS Added ON SITE

7 DAY TEST FALLS ON HOLIDAY, 90 DAY TEST FALLS ON SUNDAY.

MAY 24 1994

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081

Contractor Pittman Construction Concrete Supplier L. I.

Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031

Proportions for 9 yd³ Specified Strength (F'c) 3000psi at 10 days Specified (W/C+P) 0. max

Cement (C) 376 lbs ASTM Type 1 Brand T&I

Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc

Fine Aggregate 1318 lbs ASTM LDOTD Absorption ? % Source

3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption ? % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

A-E-A oz Made By Designation

W-R-A oz Made By Designation

 Made By Designation

Moisture: Fine Ag % Coarse Ag % Field Water 10 gal (8.33 lbs/gal) Source City Tap

Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs

Placement Location Monolith # 47 + 52 W/(C+P) 0.

Order No 45 yd³ Represented by 3 cylinders Slump 3 3/4 in Air Content 3.4 %

Truck No 179 Temps: Air 89 °F Concrete 89 °F Weather Clear

Date 5-24-94 Time Batched 1:17 Time Molded 2:10 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F

Time cured in water tank on job site at 73.4±3 degrees F after initial curing days

Delivered to Lab by: Corps A-E Contractor Cushioning Method

Signature Robert Zouf Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
10 81-A	7	26 MAY 94	31 MAY 94	7	R.L.	C	87.0	3080	2
10 81-B	90	26 MAY 94	22 AUG 94	90	R.L.	C	145.0	5133	3
10 81-C	90	26 MAY 94	22 AUG 94	90	R.L.	P	145.5	5151	3
-D									
-E									

Lab Report No 81 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 10 GALLONS Added to site

Concrete Compression Test Specimen Data

MAY 26 1994

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd' Specified Strength (F'c) 3000 psi at 28 days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&E
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 In Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 In Coarse Ag lbs Size #/Grade Absorption % Source
 In Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith # 54 + 49 W/C+P 0.34
 Order No 45 yd' Represented by 3 cylinders Slump 4 in Air Content 3.9 %
 Truck No 109 Temps: Air 87 °F Concrete 88 °F Weather PT Cloudy
 Date 5-25-94 Time Batched 2:00 Time Molded 2:37 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F

Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Robert Zout Title Technician

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Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
82A	7	26 MAY 94	01 JUN 94	7	R.L.	C	105.0	3717	2
82-B	90	26 MAY 94	23 AUG 94	90	L.B.	C	153.0	5416	2
82C	90	26 MAY 94	23 AUG 94	90	L.B.	P	160.0	5664	2
-D									
-E									

Lab Report No 82 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 15 GALLONS ADDED ON SITE

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd' Specified Strength (F'c) 3000 psi at 7 days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand TXI
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith #51+56 W/(C+P) 0.
 Order No 45 yd' Represented by 3 cylinders Slump 4 in Air Content 3.2 %
 Truck No 107 Temps: Air 88 °F Concrete 86 °F Weather Clear
 Date 5-26-94 Time Batched 12:58 Time Molded 1:43 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Robert J. [unclear] Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
83 -A	7	31 MAY 94	02 JUN 94	7	R.L.	C	98.0	3469	2
83 -B	90	31 MAY 94	24 AUG 94	90	R.L.	C	160.0	5664	3
83 -C	90	31 MAY 94	24 AUG 94	90	L.B.	P	167.5	5930	3
-D									
-E									

Lab Report No 83 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 10 gallons added for site

Concrete Compression Test Specimen Data

MAY - 9 1994

Project 17th St. Canal East Side DACW29-93 -c- 0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type I Brand T&E
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith # 61 + 64 W/(C+P) 0.
 Order No 45 yd³ Represented by 3 cylinders Slump 3 1/2 in Air Content 4.0 %
 Truck No 110 Temps: Air 89 ° F Concrete 79 ° F Weather Sunny
 Date 6-7-94 Time Batched 12:30 Time Molded 1:05 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F X
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method

Signature Curtis A. Count Title Technician

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Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
87-A	7	09 JUN 94	14 JUN 94	7	R.L.	C	91.5	3239	2
87-B	90	09 JUN 94	06 SEP 94	91	R.L.	C	160.0	5664	3
87-C	90	09 JUN 94	06 SEP 94	91	L.B.	P	142.0	5027	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 10 GALLONS added on site
90 DAY TEST FALLS ON HOLIDAY.

MAY - 9 1994

Concrete Compression Test Specimen Data

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DACW29- 93-C-0081

Project 17th Street Canal East Side
 Contractor Pittman Construction Concrete Supplier Louisiana Industries
 Mixings Central Job Shrink (truck) X Transit (truck) Curing
 Strength Required 3000 psi at days Mix Designation 91031
 Cement 376 lbs or bags Type 1 Brand TXI Mill Loc
 Fly Ash lbs Class C Brand Holum, Inc. Mill Loc
 Fine Ag 1318 lbs(SSD) Gradation Source
3/4 In Coarse Ag 1775 lbs(SSD) Type Source
 In Coarse Ag lbs(SSD) Type Source
 In Coarse Ag lbs(SSD) Type Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Other

Total Water gal or lbs W/C Source City Tap

Placement Location Monolift #63 and 66

Order No 1090 51 yd³ represented by 3 cylinders Slump 4 in Entr Air 3.8

Truck No 110 Temps: Air 90 °F Concrete 84 °F Weather Sunny

Date Molded 06/08/94 Time Molded 1:30 p.m. Molder By Alpha Testing & Inspection

Delivered to lab by: Corps A-E Contractor Other

Signature C. Cowart Title Technician

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SPECIMEN MARKING	TEST AT (DAYS)	DATE RECEIVED	DATE TESTED	TESTED AT (DAYS)	BY	SPECIMEN WT (LBS)	TOTAL LOAD (LBS)	UNIT LOAD (PSI)	BREAK TYPE
88 -A	7	09 JUN 94	15 JUN 94	7	R.L.	C	95.0	3363	2
88 -B	90	09 JUN 94	06 SEP 94	90	R.L.	C	149.5	5292	3
88 -C	90	09 JUN 94	06 SEP 94	90	L.B.	P	151.5	5363	3
-D									
-E									
-F									

Lab Report No BREAK TYPE 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks Fifteen gallons of water was added on site.

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd' Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0
 Cement (C) 376 lbs ASTM Type I Brand T&E
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs =
 Placement Location Monolith # 53 + 58 W/(C+P) 0
 Order No 45 yd' Represented by 3 cylinders Slump 4 1/2 in Air Content 3.8 %
 Truck No 177 Temps: Air 84 °F Concrete 86 °F Weather PT Cloudy
 Date 5-27-94 Time Batched 12:19 Time Molded 1:23 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Robert Zores Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
84 -A	7	31 MAY 94	03 JUN 94	7	L.B.	C	90.0	3186	1
84 -B	90	31 MAY 94	25 AUG 94	90	R.L.	C	156.5	5540	3
84 -C	90	31 MAY 94	25 AUG 94	90	R.L.	C	155.0	5487	3
-D									
-E									

Lab Report No 84 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 10 gallons Added on site

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-008E
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 8 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0.
 Cement (C) 376 lbs ASTM Type 1 Brand T&E
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs =
 Placement Location Monolith # 55,57+60 W/(C+P) 0.
 Order No 69 yd³ Represented by 3 cylinders Slump 3 1/2 in Air Content 4.0 %
 Truck No 109 Temps: Air 79 °F Concrete 82 °F Weather Clear
 Date 5-31-94 Time Batched 7:41 Time Molded 8:40 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Robert Zow Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
85-A	7	03 JUN 94	07 JUN 94	7	R.L.	C	109.0	3859	2
85-B	90	03 JUN 94	29 AUG 94	90	L.B.	C	163.0	5770	1
85-C	90	03 JUN 94	29 AUG 94	90	L.B.	P	127.5	4514	1
-D									
-E									

Lab Report No 85 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 8 GALLONS Added on site

MAY 1994

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0.
 Cement (C) 376 lbs - ASTM Type I Brand T&E
 Pozzolan (P) 94 lbs - ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs - ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-B-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith # 1, 59 + 62 W/(C+P) 0.
 Order No 76 yd³ Represented by 3 cylinders Slump 4 1/2 in Air Content 3.6 %
 Truck No 181 Temps: Air 86 °F Concrete 85 °F Weather PT Cloudy
 Date 6-3-94 Time Batched 1:03 Time Molded 1:55 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-B Contractor Cushioning Method
 Signature Robert Fow Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
9 86-A	7	09 JUN 94	13 JUN 94	10	R.L.	C	97.0	3434	3
9 86-B	90	09 JUN 94	01 SEP 94	90	R.L.	C	133.0	4708	3
9 86-C	90	09 JUN 94	01 SEP 94	90	R.L.	C	134.0	4744	3
-D									
-E									

Lab Report No 86 Break Type: 1 2 3 4 5

If test results are low, note below if there is any discernible cause.

Remarks 15 Gall on added on site

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93 c. 0081

Contractor Pittman Construction Concrete Supplier L. I.

Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031

Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0.

Cement (C) 376 lbs ASTM Type 1 Brand T&E

Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc

Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source

3/4 in Coarse Ag 1775 lbs Size //Grade Absorption % Source

 in Coarse Ag lbs Size //Grade Absorption % Source

 in Coarse Ag lbs Size //Grade Absorption % Source

A-E-A oz Made By Designation

W-R-A oz Made By Designation

 Made By Designation

Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap

Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs

Placement Location Monolith #63 W/C+P 0.

Order No 1090 27 yd³ Represented by 3 cylinders Slump 4 in Air Content 4.2 %

Truck No 110 Temps: Air 84 ° F Concrete 81 ° F Weather Cloudy/Rain

Date 6-10-94 Time Batched Time Molded Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F

Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days

Delivered to Lab by: Corps A-E Contractor Cushioning Method

Signature Curtis A. Carver Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
89 -A	7	13 JUN 94	17 JUN 94	7	L.B.	C	84.5	2991	1
89 -B	90	13 JUN 94	08 SEP 94	90	R.L.	C	141.5	5009	3
89 -C	90	13 JUN 94	08 SEP 94	90	R.L.	C	136.0	4814	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 5 gals. added on site

Concrete Compression Test Specimen Data

Project 17th St Canal East Side DACW29-93 C-1081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0 max
 Cement (C) 376 lbs ASTM Type I Brand T&I
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-B-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith #68 #70 W/(C+P) 0
 Order No 1090 45 yd³ Represented by 3 cylinders Slump 4 in Air Content 3.8 %
 Truck No 107 Temp: Air 86 ° F Concrete 84 ° F Weather Partly
 Date 6-13-94 Time Batched 12:49 Time Molded 1:45 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-B Contractor Cushioning Method
 Signature Curtis A. Cowart Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
90-A	7	15 JUN 94	20 JUN 94	7	R.L.	C	98.5	3487	3
90-B	90	15 JUN 94	12 SEP 94	91	R.L.	C	173.0	6124	3
90-C	90	15 JUN 94	12 SEP 94	91	R.L.	C	175.0	6195	3
-D									
-B									

Lab Report No Break Types: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 15 gals of water added on site
90 DAY TEST FALLS ON SUNDAY.

Concrete Compression Test Specimen Data

Project 17th St. Canal - East Side DACW29-93-C-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Fixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&E
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1818 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 V-B-A oz Made By Designation
 V-R-A oz Made By Designation
 Made By Designation

Moisture: Fine Ag % Coarse Ag % Field Water gal (\$0.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Manolift # 67 #72 W/(C+P) 0.
 Order No 1090 45 yd³ Represented by 3 cylinders Slump 4 in Air Content 4.4 %
 Truck No 105 Temps: Air 82 °F Concrete 84 °F Weather Sunny
 Date 6-14 Time Batched 12:52 Time Molded 2:00 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps - A-B Contractor Cushioning Method
 Signature Curtis A. Conroy Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
91-A	7	15 JUN 94	21 JUN 94	7	R.L.	C	92.5	3275	2
91-B	90	15 JUN 94	12 SEP 94	90	R.L.	C	155.0	5487	3
91-C	90	15 JUN 94	12 SEP 94	90	R.L.	C	150.0	5310	3
-D									
-E									

Lab Report No Break Types: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at 90 days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&I
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) ? lbs
 Placement Location Monolith # 90-72 W/(C+P) 0.?
 Order No yd³ Represented by 3 cylinders Slump 4 1/4 in Air Content N/A %
 Truck No 180 Temps: Air 91 °F Concrete 83 °F Weather P. Cloudy
 Date 7/6/94 Time Batched 12:47 Time Molded 1:32 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Christopher Black Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
102-A	7	11 JUL 94	13 JUL 94	7	R.L.	C	78.0	2761	1
102-B	90	11 JUL 94	04 OCT 94	90	ECS	P	128.0	4531	2
102-C	90	11 JUL 94	04 OCT 94	90	ECS	P	129.0	4567	2
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 10 GALLONS WATER ADDED AT JOBSITE

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at 90 days Specified (W/C+P) 0 max
 Cement (C) 376 lbs ASTM Type I Brand T&I
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith # 91 W/(C+P) 0 ?
 Order No yd³ Represented by 2 cylinders Slump 3 in Air Content 0.4 %
 Truck No 181 Temps: Air 85 °F Concrete 85 °F Weather
 Date 7/7/94 Time Batched 1:12 Time Molded 2:05 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature [Signature] Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
103-A	7	11 JUL 94	14 JUL 94	7	R.L.	C	105.0	3717	2
103-B	90	11 JUL 94	05 OCT 94	90	ECS	P	168.0	5947	2
103-C	90	11 JUL 94	05 OCT 94	90	ECS	P	185.0	6549	2
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor P.H.M. Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at 90 days Specified (W/C+P) 0. max
 Cement (C) 2 lbs ASTM Type 1 Brand TXI
 Pozzolan (P) 2 lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) ? lbs
 Placement Location monolith # 149 & # 152 W/(C+P) 0. ?
 Order No 1012 yd³ Represented by 3 cylinders Slump 4 in Air Content 3.5 %
 Truck No 107 Temps: Air 91 ° F Concrete 89 ° F Weather Sunny
 Date 9-2-94 Time Batched 1⁰⁴ Time Molded 1⁴⁵ Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F water
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature Chris Fucade Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
137 -A	7	07 SEP 94	09 SEP 94	7	JMC	C	73.5	2602	1
137 -B	90	07 SEP 94	30 SEP 94	28	L.B.	P	135.0	4779	2
137 -C	90	07 SEP 94	30 SEP 94	28	L.B.	P	127.5	4514	2
-D									
-E									

Lab Report No 137 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 20 gallons H₂O added
90 DAY TEST MISTAKENLY TESTED EARLY.

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at 90 days Specified (W/C+P) 0. max
 Cement (C) ? lbs ASTM Type 1 Brand TXI
 Pozzolan (P) ? lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) ? lbs
 Placement Location monolith # 151 & # 154 W/(C+P) 0.?
 Order No 1012 50 yd³ Represented by 3 cylinders Slump 4 1/2 in Air Content 4.1 %
 Truck No 103 Temps: Air 91 °F Concrete 86 °F Weather Sunny
 Date 9-6 Time Batched 12⁵⁵ Time Molded 1⁴⁰ pm Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F water
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature [Signature] Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
138 -A	7	07 SEP 94	13 SEP 94	7	R.L.	C	62.0	2195	1
138 -B	90	07 SEP 94	04 OCT 94	28	ECS	P	90.0	3186	2
138 -C	90	07 SEP 94	04 OCT 94	28	ECS	P	91.0	3221	2
-D									
-E									

Lab Report No 138 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 12 gals of H2O added to Truck 103 temp 86 121 temp 88 111 temp 88
temp 87 103 temp 89 181 temp 87

SAMPLES TESTED EARLY DUE TO OMITTED INFORMATION ON PAPER WORK.

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&I
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolift # 94 W/(C+P) 0.
 Order No yd³ Represented by 3 cylinders Slump 4 in Air Content 4.7 %
 Truck No 107 Temps: Air 73 °F Concrete 80 °F Weather LT. RAIN
 Date 7/11/94 Time Batched 11:00 Time Molded 11:45 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing days
 Delivered to Lab by Corps A-E Contractor Cushioning Method
 Signature Christopher Clock Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
104-A	7	13 JUL 94	18 JUL 94	7	JMC	C	92.0	3257	1
104-B	90	13 JUL 94	11 OCT 94	92	R.L.	P	167.0	5912	3
104-C	90	13 JUL 94	11 OCT 94	92	R.L.	P	167.5	5930	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 5 GALLONS WATER ADDED AT JOBSITE
90 DAY TEST FALLS ON A SUNDAY AND MONDAY WAS A HOLIDAY.

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 8 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&I
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith # 96 W/(C+P) 0.
 Order No yd³ Represented by 3 cylinders Slump 3 3/4 in Air Content N/A %
 Truck No 104 Temps: Air 82 °F Concrete 93 °F Weather CLOUDY w/THUNDER
 Date 7/12/94 Time Batched 12:32 Time Molded 1:10 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Chris [Signature] Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
105-A	7	13 JUL 94	19 JUL 94	7	L.B.	C	101.5	3593	1
105-B	90	13 JUL 94	11 OCT 94	91	R.L.	P	155.0	5487	3
105-C	90	13 JUL 94	11 OCT 94	91	R.L.	P	170.0	6018	3
-D									
-E									

Lab Report No 105 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 90 DAY TEST FALLS ON A HOLIDAY.

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 8 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&E
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith # 98 & 93 W/(C+P) 0.
 Order No yd³ Represented by 3 cylinders Slump 3 1/2 in Air Content 44 %
 Truck No 112 Temps: Air 90 °F Concrete 86 °F Weather Sunny
 Date 7/13/94 Time Batched 1:10 Time Molded 1:45 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Chris Bell Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
106-A	7	15 JUL 94	20 JUL 94	7	R.L.	C	74.5	2637	1
106-B	90	15 JUL 94	11 OCT 94	90	R.L.	P	152.0	5381	3
106-C	90	15 JUL 94	11 OCT 94	90	R.L.	P	144.5	5115	3
-D									
-E									

Lab Report No 106 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 8 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type I Brand T&I
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith #95 + 100 W/(C+P) 0.
 Order No yd³ Represented by 3 cylinders Slump 4 in Air Content 4.5 %
 Truck No 107 Temps: Air 85 °F Concrete 83 °F Weather Cloudy
 Date 7/4/94 Time Batched 1:33 Time Molded 2:10 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Chris Bell Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
107-A	7	15 JUL 94	21 JUL 94	7	R.L.	C	103.5	3664	2
107-B	90	15 JUL 94	12 OCT 94	90	R.L.	P	165.0	5841	3
107-C	90	15 JUL 94	12 OCT 94	90	R.L.	P	161.0	5699	3
-D									
-E									

Lab Report No 107 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 8 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand TAI
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith # 102-97 W/(C+P) 0.
 Order No yd³ Represented by 3 cylinders Slump 4 1/4 in Air Content 4.1 %
 Truck No 105 Temps: Air 90 °F Concrete 86 °F Weather PT CLOUDY
 Date 7/15/94 Time Batched 12:33 Time Molded 1:15 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing days
 Delivered to Lab by Corps A-E Contractor Cushioning Method
 Signature Christy Blue Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
108-A	7	20 JUL 94	22 JUL 94	7	R.L.	P	101.0	3575	3
108-B	90	20 JUL 94	13 OCT 94	90	R.L.	P	140.0	4956	3
108-C	90	20 JUL 94	13 OCT 94	90	R.L.	P	137.0	4850	3
-D									
-E									

Lab Report No 108 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks

RECEIVED
 JUL 21 1994

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 8 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&E
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith # 104 + 99 W/(C+P) 0.
 Order No yd³ Represented by 3 cylinders Slump 3 1/2 in Air Content 3.5 %
 Truck No 180 Temps: Air 92 °F Concrete 87 °F Weather Sunny
 Date 7/18/94 Time Batched 1:01 Time Molded 1:40 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature [Signature] Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
109-A	7	7-20-94	7-25-94	7	R.L.	C	92.0	3257	2
109-B	90	7-20-94	10-17-94	91	R.L.	P	160.0	5664	3
109-C	90	7-20-94	10-17-94	91	R.L.	P	161.5	5717	3
-D									
-E									

Lab Report No 109 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 90 DAY TEST FALLS ON SUNDAY

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixlog: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 9303
 Proportions for 8 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&I
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size /Grade Absorption % Source
 in Coarse Ag lbs Size /Grade Absorption % Source
 in Coarse Ag lbs Size /Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location MDAIO LITH # 101-126 W/(C+P) 0.
 Order No yd³ Represented by 3 cylinders Slump 4 in Air Content 3.9 %
 Truck No 180 Temp: Air 87 °F Concrete 85 °F Weather CLOUDY
 Date 7/19/94 Time Batched 1227 Time Molded 1258 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Chris Bell Title TECHNICIAN

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
110-A	7	7-25-94	7-26-94	7	R.L.	C	90.0	3186	2
110-B	90	7-25-94	10-17-94	90	R.L.	P	160.0	5682	3
110-C	90	7-25-94	10-17-94	90	R.L.	P	163.0	5770	4
-D									
-E									

Lab Report No 110 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081

Contractor Pittman Construction Concrete Supplier L.I.

Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031

Proportions for 9 yd³ Specified Strength (F'c) 3000psi at days Specified (W/C+P) 0. max

Cement (C) 376 lbs ASTM Type 1 Brand T&E

Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc

Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source

3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

A-E-A oz Made By Designation

W-R-A oz Made By Designation

 Made By Designation

Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap

Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs

Placement Location Monolift # 86 W/(C+P) 0.

Order No 23 yd³ Represented by 3 cylinders Slump 3 in Air Content 3.4 %

Truck No 105 Temps: Air 90 °F Concrete 86 °F Weather PT C/Cloudy

Date 6-29-94 Time Batched 2:10 Time Molded 2:44 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F

Time cured in water tank on job site at 73.4±3 degrees F after initial curing days

Delivered to Lab by: Corps A-E Contractor Cushioning Method

Signature Robert Zow Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
99-A	7	30 JUN 94	06 JUL 94	7	R.L.	C	117.0	4142	2
99-B	90	30 JUN 94	27 SEP 94	90	R.L.	P	160.0	5664	3
99-C	90	30 JUN 94	27 SEP 94	90	R.L.	P	165.0	5814	3
-D									
-E									

Lab Report No 99 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 10 gallons Added on site

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd³ Specified Strength (F'c) 3000psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&E
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith # 81 + 83 W/(C+P) 0.
 Order No 45 yd³ Represented by 3 cylinders Slump 4 1/4 in Air Content 3.9 %
 Truck No 177 Temps: Air 93 °F Concrete 87 °F Weather Clear
 Date 6-30-94 Time Batched 1:01 Time Molded 1:42 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F

Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Robert Ford Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
<u>100-A</u>	<u>7</u>	<u>07 JUL 94</u>	<u>07 JUL 94</u>	<u>8</u>	<u>JMC</u>	<u>C</u>	<u>94.0</u>	<u>3328</u>	<u>1</u>
<u>100-B</u>	<u>90</u>	<u>07 JUL 94</u>	<u>28 SEP 94</u>	<u>90</u>	<u>R.L.</u>	<u>P</u>	<u>130.0</u>	<u>4602</u>	<u>3</u>
<u>100-C</u>	<u>90</u>	<u>07 JUL 94</u>	<u>28 SEP 94</u>	<u>90</u>	<u>R.L.</u>	<u>P</u>	<u>135.0</u>	<u>4779</u>	<u>3</u>
<u>-D</u>									
<u>-E</u>									

Lab Report No 100 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 10 Gallons Added on Site
SAMPLES RECIEVED LATE.

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd' Specified Strength (F'c) 3000psi at days Specified (W/C + P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&I
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith # 84 & 79 W/(C+P) 0.
 Order No 45 yd' Represented by 3 cylinders Slump 3 3/4 in Air Content 3.7 %
 Truck No 100 Temps: Air 94 °F Concrete 88 °F Weather Clear
 Date 6-28-94 Time Batched 1:20 Time Molded 1:54 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature John Row Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
98-A	7	30 JUN 94	05 JUL 94	7	R.L.	C	110.0	3894	2
98-B	90	30 JUN 94	26 SEP 94	90	R.L.	P	160.0	5664	3
98-C	90	30 JUN 94	26 SEP 94	90	R.L.	P	165.0	5841	3
-D									
-E									

Lab Report No 98 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 20 gallons added on site

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixlog: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd' Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&I
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith # 82 + 77 W/(C+P) 0.
 Order No 45 yd' Represented by 3 cylinders Slump 4 in Air Content 4-2 %
 Truck No 109 Temps: Air 89 °F Concrete 87 °F Weather Clear
 Date 6-27-94 Time Batched 1:59 Time Molded 2:36 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Robert Zover Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
97-A	70	03 JUN 94	05 JUL 94	8	ECS	C	95.0	3363	1
97-B	90	28 JUN 94	26 SEP 94	91	R.L.	P	166.5	5894	3
97-C	90	28 JUN 94	26 SEP 94	91	R.L.	P	163.0	5770	3
-D									
-E									

Lab Report No 97 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 10 Gallons Added On Site
7 DAY TEST FALLS ON HOLIDAY, 90 DAY TESTS FALLS ON SUNDAY.

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 9303
 Proportions for 8 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type I Brand T&E
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1818 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location MONOLITH # 108 W/(C+P) 0.
 Order No yd³ Represented by 3 cylinders Slump 2 3/4 in Air Content 4.0 %
 Truck No 112 Temp: Air 79 °F Concrete 82 °F Weather RAIN
 Date 7-21-94 Time Batched 1228 Time Molded 1253 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Chris Bell Title TECHNICIAN

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
III -A	7	25 JUL 94	28 JUL 94	7	L.B.	C	58.5	2071	
III -B	90	25 JUL 94	26 OCT 94	97	R.L.	P	152.0	5381	
III -C	90	25 JUL 94	26 OCT 94	97	R.L.	P	150.5	5328	
-D									
-E									

Lab Report No III Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 90 DAY TESTS MISTAKENLY TESTED 7 DAYS LATE.

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixlog: Central Job Site Shriak (Truck) Transit (Truck) Mix Designation 9303
 Proportions for 8 yd³ Specified Strength (F'_c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type I Brand T&E
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1818 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location MDAIO LITH # 108 W/(C+P) 0.
 Order No yd³ Represented by 3 cylinders Slump 3 1/4 in Air Content 3.4 %
 Truck No 112 Temp: Air 92 °F Concrete 87 °F Weather Pt. Cloudy
 Date 7-25-94 Time Batched 12:11 Time Molded 12:36 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Chung E. Bell Title TECHNICIAN

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
112-A	7	27 JUL 94	01 AUG 94	7	L.B.	C	63.5	2248	1
112-B	90	27 JUL 94	24 OCT 94	91	R.L.	P	120.0	4248	
112-C	90	27 JUL 94	24 OCT 94	91	R.L.	P	125.0	4425	
-D									
-E									

Lab Report No 112 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 90 DAY TESTS FALLS ON SUNDAY.

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixlog: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 9303
 Proportions for 8 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&E
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location MONOLITH # 103-110 W/(C+P) 0.
 Order No yd³ Represented by 3 cylinders Slump 3 1/2 in Air Content 3.6 %
 Truck No 179 Temp: Air 91 °F Concrete 87 °F Weather Sunny
 Date 7/26/94 Time Batched 12:19 Time Molded 1:00 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Ching Bell Title TECHNICIAN

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
113 -A	7	27 JUL 94	02 AUG 94	7	L.B.	C	85.5	3027	2
113 -B	90	27 JUL 94	24 OCT 94	90	R.L.	P	141.0	4991	
113 -C	90	27 JUL 94	24 OCT 94	90	R.L.	P	145.5	5151	
-D									
-E									

Lab Report No 113 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixlog: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 9303
 Proportions for 8 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&E
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location MDA10 LITH # 105 & 112 W/(C+P) 0.
 Order No yd³ Represented by 3 cylinders Slump 3 1/2 in Air Content 3.9 %
 Truck No 112 Temps: Air 85 °F Concrete 83 °F Weather Sunny
 Date 7/28/94 Time Batched 1238 Time Molded 110 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F

Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Chung Bell Title TECHNICIAN

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
114 -A	7	01 AUG 94	04 AUG 94	7	R.L.	P	92.0	3257	
114 -B	90	01 AUG 94	26 OCT 94	90	R.L.	P	157.5	5576	
114 -C	90	01 AUG 94	26 OCT 94	90	R.L.	P	160.0	5664	
-D									
-E									

Lab Report No 114 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93 c-0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for yd' Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&I
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 In Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 In Coarse Ag lbs Size #/Grade Absorption % Source
 In Coarse Ag lbs Size #/Grade Absorption % Source
 A-B-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith # 74 W/(C+P) 0.
 Order No 1090 23 yd' Represented by 3 cylinders Slump 4 in Air Content 43 %
 Truck No 406 Temps: Air 86 °F Concrete 83 °F Weather Partly Cloudy
 Date 6-15-94 Time Batched 1:27 Time Molded 2:00 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-B Contractor Cushioning Method
 Signature Curtis A. Conrad Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
92 -A	7	17 JUN 94	22 JUN 94	7	R.L.	C	90.0	3186	2
92 -B	90	17 JUN 94	13 SEP 94	90	R.L.	C	175.0	6195	3
92 -C	90	17 JUN 94	13 SEP 94	90	R.L.	C	176.5	6248	3
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 20 gals. of water added on site

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&I
 Pozzolan (P) 99 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source RECEIVED
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source JUN 21 RECD
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation CELMN-ED-FT
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith # 76 + 69 W/(C+P) 0.
 Order No 45 yd³ Represented by 3 cylinders Slump 4 in Air Content 3.7 %
 Truck No 100 Temps: Air 87 °F Concrete 86 °F Weather PT cloudy
 Date 6-17-94 Time Batched 1:31 Time Molded 2:08 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method

Signature Robert 2015 Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
93 -A	7	20 JUN 94	24 JUN 94	7	R.L.	C	90.0	3186	3
93 -B	90	20 JUN 94	15 SEP 94	90	R.L.	C	165.0	5841	3
93 -C	90	20 JUN 94	15 SEP 94	90	R.L.	C	164.5	5823	3
-D									
-E									

Lab Report No 93 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 10 GALLONS added on site

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081

Contractor Pittman Construction Concrete Supplier L. I.

Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031

Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0 max

Cement (C) 376 lbs ASTM Type 1 Brand T&I

Pozzolan (P) 99 lbs ASTM Class C Brand Holum, Inc

Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source

3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

A-E-A oz Made By Designation

W-R-A oz Made By Designation

 Made By Designation

Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap

Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs

Placement Location Monolith # 69+71 W/(C+P) 0

Order No 45 yd³ Represented by 3 cylinders Slump 5 in Air Content 4.1 %

Truck No 103 Temps: Air 94 °F Concrete 90 °F Weather PT Cloudy

Date 6-20-94 Time Batched 1:23 Time Molded 1:55 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F

Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days

Delivered to Lab by: Corps A-E Contractor Cushioning Method

Signature *Robert Jones* Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
<u>94-A</u>	<u>7</u>	<u>22 JUN 94</u>	<u>27 JUN 94</u>	<u>7</u>	<u>R.L.</u>	<u>C</u>	<u>92.0</u>	<u>- 3257</u>	<u>2</u>
<u>94-B</u>	<u>90</u>	<u>22 JUN 94</u>	<u>19 SEP 94</u>	<u>91</u>	<u>R.L.</u>	<u>C</u>	<u>157.0</u>	<u>5558</u>	<u>3</u>
<u>94-C</u>	<u>90</u>	<u>22 JUN 94</u>	<u>19 SEP 94</u>	<u>91</u>	<u>L.B.</u>	<u>P</u>	<u>166.0</u>	<u>5876</u>	<u>3</u>
<u>-D</u>									
<u>-E</u>									

Lab Report No 94 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 23 gallons Added on site

90 DAY TEST FALLS ON SUNDAY.

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&E
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith # 78 + 73 W/(C+P) 0.
 Order No 45 yd³ Represented by 3 cylinders Slump 4 1/4 in Air Content 3.8 %
 Truck No 110 Temps: Air 91 °F Concrete 85 °F Weather pt Clouds
 Date 6-21-94 Time Batched 12:21 Time Molded 1:00 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Robert Evans Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
95-A	7	22 JUN 94	28 JUN 94	7	R.L.	C	73.0	2584	2
95-B	90	22 JUN 94	19 SEP 94	90	R.L.	C	164.0	5806	3
95-C	90	22 JUN 94	19 SEP 94	90	L.B.	P	170.0	6018	3
-D									
-E									

Lab Report No 95 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 10 GALLONS Added ON SITE

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 9 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0 max
 Cement (C) 376 lbs ASTM Type I Brand T&E
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1818 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith # 75 + 80 W/(C+P) 0
 Order No 45 yd³ Represented by 3 cylinders Slump 4 in Air Content 40 %
 Truck No 112 Temps: Air 88 °F Concrete 83 °F Weather RAINY
 Date 6-22-94 Time Batched 12:31 Time Molded 1:20 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Peter Row Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
5 <u>96</u> -A	<u>7</u>	<u>JUN 28 1994</u>	<u>JUN 29 1994</u>	<u>7</u>	<u>R.L.</u>	<u>C</u>	<u>97.0</u>	<u>3434</u>	<u>2</u>
6 <u>96</u> -B	<u>90</u>	<u>JUN 28 1994</u>	<u>SEP 20 1994</u>	<u>90</u>	<u>R.L.</u>	<u>C</u>	<u>157.0</u>	<u>5558</u>	<u>3</u>
5 <u>96</u> -C	<u>90</u>	<u>JUN 28 1994</u>	<u>SEP 20 1994</u>	<u>90</u>	<u>L.B.</u>	<u>P</u>	<u>152.0</u>	<u>5381</u>	<u>3</u>
-D									
-E									

Lab Report No 96 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&E
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 A-B-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith # 136 + 131 W/(C+P) 0.
 Order No 1113 44 yd³ Represented by 3 cylinders Slump 4 in Air Content 5.0 %
 Truck No 106 Temps: Air 92 °F Concrete 85 °F Weather Sunny
 Date 8-18-94 Time Batched 1:00 Time Molded 2:00 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F water
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-B Contractor Cushioning Method Cushioning Box
 Signature Curtis A. ... Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(C) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
127-A	7	19 AUG 94	25 AUG 94	7	R.L.	C	102.0	3611	2
127-B	90	19 AUG 94	16 NOV 94	90	R.L.	C	160.5	5682	2
127-C	90	19 AUG 94	16 NOV 94	90	L.B.	P	160.0	5664	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 15 gals of water added on site

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for yd' Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&E
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 A-B-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith # 131 < 130 W/(C+P) 0.
 Order No 1113 50 yd' Represented by 3 cylinders Slump 2 in Air Content 4.4 %
 Truck No 101 Temps: Air 92 °F Concrete 85 °F Weather Sunny
 Date 8-19-94 Time Batched 2 Time Molded 2:35 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F Water
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-B Contractor Cushioning Method Box Cushioning
 Signature Carter A. Cantel Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
6 128-A	7	8/22/94	26 AUG 94	7	R.L.	C	95.0	3363	2
6 128-B	90	22 AUG 94	17 NOV 94	90	L.B.	C	156.0	5522	2
6 128-C	90	22 AUG 94	17 NOV 94	90	L.B.	P	151.0	5345	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 15 gals of water added on site

RECEIVED

AUG 22 REC'D

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Sbrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type I Brand T&I
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1218 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 A-B-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Manolift # 133 + 138 W/(C+P) 0.
 Order No 1113 44 yd³ Represented by 3 cylinders Slump 3 1/2 in Air Content 4.1 %
 Truck No Temps: Air 85° °F Concrete 85° °F Weather Cloudy
 Date 8-23-94 Time Batched 1⁰⁰pm Time Molded 1⁴⁵pm Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F Water
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Box
 Signature Bruan Wilcox Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
129 -A	7	25 AUG 94	30 AUG 94	7	R.L.	C	78.5	2779	2
129 -B	90	25 AUG 94	21 NOV 94	90	R.L.	C	142.0	5027	2
129 -C	90	25 AUG 94	21 NOV 94	90	L.B.	P	151.5	5363	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 10 gallons of H₂O was Added to concrete

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixing: Central Job Site Shriak (Truck) Transit (Truck) Mix Designation 91031
 Proportions for yd³ Specified Strength (F'c) 3000psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&E
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 In Coarse Ag 1775 lbs Size //Grade Absorption % Source
 In Coarse Ag lbs Size //Grade Absorption % Source
 In Coarse Ag lbs Size //Grade Absorption % Source
 A-B-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Manolift # W/(C+P) 0.
 Order No 1113 50 yd³ Represented by 3 cylinders Slump 5 In Air Content 4.7 %
 Truck No 100 Temps: Air °F Concrete °F Weather
 Date Time Batched Time Molded 12:45 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-B Contractor Cushioning Method
 Signature Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
130 -A	7	25 AUG 94	31 AUG 94	7	R.L.	C	65.0	2301	1
-B		25 AUG 94	22 NOV 94	90	R.L.	C	132.0	4673	
-C		25 AUG 94	22 NOV 94	90	L.B.	P	146.5	5186	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93 -c- 0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for yd³ Specified Strength (F'c) 3000psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type I Brand T&E
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 A-B-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith # 1375 142 W/(C+P) 0.
 Order No 1113 50 yd³ Represented by 3 cylinders Slump 4 1/2 in Air Content 3.9 %
 Truck No 102 Temps: Air 91 °F Concrete 90 °F Weather Sunny
 Date 9-25-94 Time Batched 11⁵⁵ Time Molded 12³⁵ Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F Water
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-B Contractor Cushioning Method Box Cushioning
 Signature Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
131-A	7	29 AUG 94	01 SEP 94	7	R.L.	C	77.0	2726	2
131-B	90	29 AUG 94	23 NOV 94	90	R.L.	P	134.0	4744	
131-C	90	29 AUG 94	23 NOV 94	90	R.L.	P	130.0	4602	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 13 gallons of water was added to concrete @ Job site

RECEIVED

P. S. REED
 CELMN-ED-FT

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor Pitman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type 1 Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith # 144 & # 139 W/(C+P) 0.
 Order No 1113 44 yd³ Represented by 3 cylinders Slump 4 in Air Content 4.1 %
 Truck No 107 Temps: Air 90 °F Concrete 87 °F Weather Sunny
 Date 8-26-94 Time Batched 12²⁵ Time Molded 1:10 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F water
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature Brian Wilton Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
132 -A	7	29 AUG 94	02 SEP 94	7	R.L.	C	79.5	2814	1
132 -B	90	29 AUG 94	25 NOV 94	91	R.L.	P	137.5	4868	
132 -C	90	29 AUG 94	25 NOV 94	91	R.L.	P	139.0	4921	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 20 gallons H2O added to concrete @ Job site

90 DAY TEST FALLS ON A HOLIDAY.

RECEIVED

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 9303
 Proportions for 8 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&E
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 In Coarse Ag 1775 lbs Size //Grade Absorption % Source
 In Coarse Ag lbs Size //Grade Absorption % Source
 In Coarse Ag lbs Size //Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location MONOUTH # 116, 111, 109 W/C+P 0.
 Order No yd³ Represented by 3 cylinders Slump 3 1/2 In Air Content 3.4 %
 Truck No 105 Temps: Air 87 °F Concrete 85 °F Weather Sunny
 Date 8-5-94 Time Batched 10:42 Time Molded 11:15 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Chris Bell Title TECHNICIAN

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
118 -A	7	09 AUG 94	12 AUG 94	7	L.B.	C	68.5	2425	1
118 -B	90	09 AUG 94	07 NOV 94	92	R.L.	P	120.0	4248	
118 -C	90	09 AUG 94	07 NOV 94	92	R.L.	P	110.0	3894	
-D									
-E									

Lab Report No 118 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 90 DAY TESTS 2 DAYS LATE.

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for yd' Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&I
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 In Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 In Coarse Ag lbs Size #/Grade Absorption % Source
 In Coarse Ag lbs Size #/Grade Absorption % Source
 A-B-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith # 112-113 W/(C+P) 0.
 Order No 1113 45 yd' Represented by 3 cylinders Slump 3 in Air Content 44 %
 Truck No 111 Temps: Air 91 °F Concrete 84 °F Weather Sunny
 Date 12/30 Time Batched 12:30 Time Molded 1:00 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing days
 Delivered to Lab by: Corps A-B Contractor Cushioning Method
 Signature Curtis Cowart Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
119-A		09 AUG 94	15 AUG 94	7	R.L.	P	87.0	3080	1
119-B		09 AUG 94	07 NOV 94	91	R.L.	P	150.0	5310	
119-C		09 AUG 94	07 NOV 94	91	R.L.	P	165.0	5841	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 10 gals. of water added on site
90 DAY TESTS FALLS ON SUNDAY.

Concrete Compression Test Specimen Data

Project 17th St Canal East Side DACW29-93-c-0081

Contractor Pittman Construction Concrete Supplier Li

Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 9303

Proportions for 8 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max

Cement (C) 376 lbs ASTM Type Brand TXI

Pozzolan (P) 74 lbs ASTM Class C Brand Hulum, Inc

Fine Aggregate 1378 lbs ASTM LDOTD Absorption % Source

24 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

A-E-A oz Made By Designation

W-R-A oz Made By Designation

 Made By Designation

Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap

Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs

Placement Location Monolith # 120 + 115 W/(C+P) 0.

Order No 1113 45 yd³ Represented by 3 cylinders Slump 4 in Air Content 4.1 %

Truck No #104 Temps: Air 88 ° F Concrete 84 ° F Weather Sunny

Date 8-9-94 Time Batched 12:10 Time Molded 1:25 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F

Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days

Delivered to Lab by: Corps A-E Contractor Cushioning Method

Signature Center A Smith Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
120-A	7	11 AUG 94	16 AUG 94	7	R.L.	C	72.0	2549	1
120-B	90	11 AUG 94	07 NOV 94	90	R.L.	P	120.0	4248	
120-C	90	11 AUG 94	07 NOV 94	90	R.L.	P	127.0	4496	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks water added on site 15 gals

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29- 93-C-0081
 Contractor P.H.M. Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type 1 Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith # 147 & # 150 W/(C+P) 0.
 Order No yd³ Represented by 3 cylinders Slump 4 1/2 in Air Content 4.0 %
 Truck No 182 Temps: Air 86 °F Concrete 86 °F Weather PT. Cloudy
 Date 9-1-94 Time Batched 1156 Time Molded 1245 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F water
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
<u>136-A</u>	<u>7</u>	<u>02 SEP 94</u>	<u>08 SEP 94</u>	<u>7</u>	<u>R.L.</u>	<u>C</u>	<u>79.0</u>	<u>2797</u>	<u>2</u>
<u>136-B</u>	<u>90</u>	<u>02 SEP 94</u>	<u>30 NOV 94</u>	<u>90</u>	<u>R.L.</u>	<u>P</u>	<u>153.0</u>	<u>5416</u>	
<u>136-C</u>	<u>90</u>	<u>02 SEP 94</u>	<u>30 NOV 94</u>	<u>90</u>	<u>L.B.</u>	<u>P</u>	<u>156.5</u>	<u>5540</u>	
<u>-D</u>									
<u>-E</u>									

Lab Report No 136 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 20 GALLONS WATER ADDED BY FINISHERS

RECEIVED
SEP 2

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixlog: Central Job Site Sbrink (Truck) Transit (Truck) Mix Designation 9303
 Proportions for 8 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&I
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location MONOLITH # 141 & 146 W/C+P 0.
 Order No yd³ Represented by 3 cylinders Slump 4 3/4 in Air Content 4.0 %
 Truck No 100 Temps: Air 87 °F Concrete 86 °F Weather Partly Cloudy
 Date 8 29 94 Time Batched 1203 Time Molded 1255 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Chris Bell Title TECHNICIAN

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
133-A	7	30 AUG 94	06 SEP 94	8	R.L.	C	70.0	2478	2
133-B	90	30 AUG 94	28 NOV 94	91	L.B.	P	136.5	4832	
133-C	90	30 AUG 94	28 NOV 94	91	L.B.	P	130.0	4602	
-D									
-E									

Lab Report No 133 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 20 GALLONS WATER ADDED BY FINISHERS
7 DAY TEST FALLS ON A HOLIDAY, 90 DAY TEST FALLS ON SUNDAY.

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor Pitman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type 1 Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith #143 & #148 W/(C+P) 0.
 Order No yd³ Represented by 3 cylinders Slump 4 1/2 in Air Content 4.4 %
 Truck No 101 Temps: Air 84 °F Concrete 85 °F Weather Cloudy
 Date 9-30-94 Time Batched 132 Time Molded 215 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F water
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing 0-2 days
 Delivered to Lab by Corps A-E Contractor Cushioning Method Cushioning Box
 Signature Chris Bell Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
134-A	7	02 SEP 94	06 SEP 94	7	R.L.	C	77.5	2744	2
134-B	90	02 SEP 94	28 NOV 94	90	L.B.	P	142.0	5027	
134-C	90	02 SEP 94	28 NOV 94	90	L.B.	P	148.0	5239	
-D									
-E									

Lab Report No 134 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 20 GALLONS WATER ADDED BY FINISHERS

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor P.H. Man Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type 1 Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith #145' # - W/(C+P) 0.
 Order No yd³ Represented by 3 cylinders Slump 4 in Air Content 4.2 %
 Truck No 108 Temps: Air 81 °F Concrete 81 °F Weather Cloudy
 Date 8-31-94 Time Batched 1210 Time Molded 1245 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F water
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature ChRB Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
135-A	7	02 SEP 94	07 SEP 94	7	R.L.	C	82.5	2921	1
135-B	90	02 SEP 94	29 NOV 94	90	R.L.	P	147.0	5204	
135-C	90	02 SEP 94	29 NOV 94	90	R.L.	P	151.0	5345	
-D									
-E									

Lab Report No 135 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 15 GALLONS WATER ADDED

RECEIVED

SEP 3

ECLMN-ED-FT

105 + 112

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mix Design Central Job Site Sarik (Truck) Transit (Truck) Mix Designation 9303
 Proportions for 8 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&I
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 In Coarse Ag. 1775 lbs Size #/Grade Absorption % Source
 In Coarse Ag lbs Size #/Grade Absorption % Source
 In Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location MONOLITH # 107.114 W/(C+P) 0.
 Order No yd³ Represented by 3 cylinders Slump 4 In Air Content 3.8 %
 Truck No 107 Temps: Air 86 ° F Concrete 84 ° F Weather Sunny
 Date 7/29/94 Time Batched 1249 Time Molded 145 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Chris Bell Title TECHNICIAN

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
115-A	7	01 AUG 94	05 AUG 94	7	R.L.	C	90.0	3186	2
115-B	90	01 AUG 94	27 OCT 94	90	R.L.	P	160.0	5664	
115-C	90	01 AUG 94	27 OCT 94	90	R.L.	P	155.5	5505	
.D									
.E									

Lab Report No 115 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 9303+ICE
 Proportions for 8 yd³ Specified Strength (F'_c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&I
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location MONOLITH # 88 W/(C+P) 0.
 Order No yd³ Represented by 3 cylinders Slump 4 1/2 in Air Content 5.1 %
 Truck No 103 Temp: Air 87 °F Concrete 87 °F Weather Partly Cloudy
 Date 8-1-94 Time Batched 1230 Time Molded 130 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Chris Bell Title TECHNICIAN

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
116-A	7	04 AUG 94	08 AUG 94	7	R.L.	C	80.0	2832	1
116-B	90	04 AUG 94	31 OCT 94	91	R.L.	P	145.0	5133	
116-C	90	04 AUG 94	31 OCT 94	91	R.L.	P	140.0	4956	
-D									
-E									

Lab Report No 116 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 90 DAY TEST FALLS ON SUNDAY.

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixlog: Central Job Site Shrik (Truck) Transit (Truck) Mix Designation 9303
 Proportions for 8 yd³ Specified Strength (F'c) 3000psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&E
 Pozzolan (P) 94 lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location MONOLITH # 87+89 W/(C+P) 0.
 Order No yd³ Represented by 3 cylinders Slump 5 1/4 in Air Content 4.4 %
 Truck No 100 Temps: Air 83 °F Concrete 85 °F Weather P + Cloudy
 Date 8-3-94 Time Batched 9:14 Time Molded 10:12 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cusblong Method
 Signature Chung Bell Title TECHNICIAN

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
117 -A	7	04 AUG 94	10 AUG 94	7	R.L.	C	62.0	2195	
117 -B	90	04 AUG 94	01 NOV 94	90	R.L.	P	120.0	4248	
117 -C	90	04 AUG 94	01 NOV 94	90	R.L.	P	122.5	4337	
-D									
-E									

Lab Report No 117 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 15 GALLONS WATER ADDED

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081

Contractor Pittman Construction Concrete Supplier L.I.

Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031

Proportions for yd³ Specified Strength (F'c) 3000psi at days Specified (W/C+P) 0. max

Cement (C) 376 lbs ASTM Type 1 Brand T&E

Pozzolan (P) lbs ASTM Class C Brand Holum, Inc

Fine Aggregate 1818 lbs ASTM LDOTD Absorption % Source

3/4 in Coarse Ag 1775 lbs Size //Grade Absorption % Source

 in Coarse Ag lbs Size //Grade Absorption % Source

 in Coarse Ag lbs Size //Grade Absorption % Source

A-B-A oz Made By Designation

W-R-A oz Made By Designation

 Made By Designation

Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap

Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs

Placement Location Monolith #117+122 W/(C+P) 0.

Order No 1113 48 yd³ Represented by 3 cylinders Slump 4 in Air Content 4.0 %

Truck No 102 Temps: Air 91 °F Concrete 84 °F Weather Sunny

Date 8-10-94 Time Batched 1225 Time Molded 1:00 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F

Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days

Delivered to Lab by: Corps A-B Contractor Cushioning Method

Signature Curtis G. Conrad Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
121 -A	7	11 AUG 94	17 AUG 94	7	R.L.	C	70.5	2496	2
121 -B	90	11 AUG 94	08 NOV 94	90	L.B.	P	143.0	5062	
121 -C	90	11 AUG 94	08 NOV 94	90	L.B.	P	130.0	4602	
-D									
-E									

Lab Report No 121 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 10 gals of water added on site

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&E
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 In Course Ag 1775 lbs Size #/Grade Absorption % Source
 In Course Ag lbs Size #/Grade Absorption % Source
 In Course Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith #119 + 124 W/(C+P) 0.
 Order No 113 44 yd³ Represented by 3 cylinders Slump 4 in Air Content 4.6 %
 Truck No 106 Temps: Air 92 °F Concrete 84 °F Weather Sunny
 Date 8-11-94 Time Batched 12:25 Time Molded 1:15 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature Justin A. Conrad Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
10 122-A	7	15 AUG 94	18 AUG 94	7	R.L.	C	67.0	2372	2
122-B	90	15 AUG 94	09 NOV 94	90	R.L.	P	125.0	4425	
122-C	90	15 AUG 94	09 NOV 94	90	R.L.	P	122.5	4337	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 5 gals of water added on site

RECEIVED

AUG 15 1994

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for yd³ Specified Strength (F'c) 3000psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&E
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 In Course Ag 1775 lbs Size //Grade Absorption % Source
 In Course Ag lbs Size //Grade Absorption % Source
 In Course Ag lbs Size //Grade Absorption % Source
 A-B-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolift # 121 + 126 W/(C+P) 0.
 Order No 113 45 yd³ Represented by 3 cylinders Slump 3 1/2 in Air Content 38 %
 Truck No 107 Temps: Air 84 ° F Concrete 80 ° F Weather Cloudy
 Date 8-12-94 Time Batched 12:01 Time Molded 12:45 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-B Contractor Cushioning Method
 Signature Curtis A. Conrad Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
12 123 -A	7	15 AUG 94	19 AUG 94	7	R.L.	C	70.0	2478	1
123 -B	90	15 AUG 94	10 NOV 94	90	L.B.	P	125.0	4425	
123 -C	90	15 AUG 94	10 NOV 94	90	L.B.	P	118.5	4195	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 15 gals of water added on site

RECEIVED

AUG 15 REC'D

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&E
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1818 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 A-B-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith # 123 + 125 W/(C+P) 0.
 Order No 1113 4.5 yd³ Represented by 3 cylinders Slump 3 1/2 in Air Content 4.5 %
 Truck No 112 Temps: Air 91 °F Concrete 85 °F Weather Sunny
 Date 8 Time Batched 12:53 Time Molded 1:50 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-B Contractor Cushioning Method
 Signature Curtis A. Cannon Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
125-A	7	17 AUG 94	22 AUG 94	7	R.L.	C	75.0	2655	1
125-B	90	17 AUG 94	14 NOV 94	91	R.L.	P	145.0	5133	
125-C	90	17 AUG 94	14 NOV 94	91	R.L.	P	131.0	4637	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 20 gals of water added on site

90 DAY TESTS FALLS ON SUNDAY.

RECEIVED

AUG 17 1994

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L. I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for yd³ Specified Strength (F'_c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type 1 Brand T&E
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 A-B-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith #120 + 128 W/(C+P) 0.
 Order No 113 49 yd³ Represented by 3 cylinders Slump 4 in Air Content 4.6 %
 Truck No 100 Temps: Air 93 °F Concrete 85 °F Weather Sunny
 Date 8-15-94 Time Batched 1:30 Time Molded 2:20 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing days
 Delivered to Lab by: Corps A-B Contractor Cushioning Method
 Signature Curtis A. Cannon Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
8 124-A	7	17 AUG 94	22 AUG 94	7	R.L.	C	80.0	2832	1
124-B	90	17 AUG 94	14 NOV 94	91	R.L.	P	150.0	5310	
124-C	90	17 AUG 94	14 NOV 94	91	R.L.	P	145.0	5133	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 15 gals of water added on site

90 DAY TESTS FALLS ON SUNDAY.

RECEIVED

AUG 27 1994

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-c-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for yd³ Specified Strength (F'c) 3000psi at days Specified (W/C+P) 0. max
 Cement (C) 376 lbs ASTM Type I Brand T&E
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 In Coarse Ag 1775 lbs Size //Grade Absorption % Source
 In Coarse Ag lbs Size //Grade Absorption % Source
 In Coarse Ag lbs Size //Grade Absorption % Source
 A-B-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location Monolith #132 + 127 W/(C+P) 0.
 Order No 1113 45 yd³ Represented by 3 cylinders Slump 3 1/2 in Air Content 4.8 %
 Truck No 110 Temps: Air 92 °F Concrete 85 °F Weather Sunny
 Date 8-17-94 Time Batched 12:30 Time Molded 1:20 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F Water
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing 0.2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method
 Signature [Signature] Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
<u>126-A</u>	<u>7</u>	<u>19 AUG 94</u>	<u>24 AUG 94</u>	<u>7</u>	<u>R.L.</u>	<u>C</u>	<u>80.0</u>	<u>2832</u>	<u>1</u>
<u>126-B</u>	<u>90</u>	<u>19 AUG 94</u>	<u>15 NOV 94</u>	<u>90</u>	<u>R.L.</u>	<u>P</u>	<u>140.0</u>	<u>4956</u>	
<u>126-C</u>	<u>90</u>	<u>19 AUG 94</u>	<u>15 NOV 94</u>	<u>90</u>	<u>R.L.</u>	<u>P</u>	<u>142.0</u>	<u>5027</u>	
<u>-D</u>									
<u>-E</u>									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 20 gals. of water added on site

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081

Contractor Pittman Construction Concrete Supplier L.I.

Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031

Proportions for 376 yd³ Specified Strength (F'_c) 3000 psi at days Specified (W/C+P) 0. max

Cement (C) lbs ASTM Type 1 Brand TXI

Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.

Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source

3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

A-E-A oz Made By Designation

W-R-A oz Made By Designation

 Made By Designation

Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap

Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs

Placement Location monolith #186 & #191 W/(C+P) 0.

Order No 1113 8 yd³ Represented by 3 cylinders Slump 5 in Air Content 4 %

Truck No 183 Temps: Air 78 °F Concrete 78 °F Weather mild & clear

Date 11-2-94 Time Batched 1:35 Time Molded 2:15 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F water

Time cured in water tank on job site at 73.4±3 degrees F after initial curing 0-2 days

Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box

Signature Terence M Flury Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
19 168-A	7	03 NOV 94	09 NOV 94	7	R.L.	P	55.0	1947	
168-B	90	03 NOV 94	31 JAN 95	90	R.L.	C	137.0	4850	
168-C	90	03 NOV 94	31 JAN 95	90	R.L.	C	134.5	4761	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 112, 76 5 gal 183, 78° 8 gal 112, 78° 8 gal
107 75° 76 76 174 73 ?

RECEIVED

NOV 03

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor Pitman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type I Brand IXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water 4 gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith # 189 & # 184 W/(C+P) 0.
 Order No 1113 54 yd³ Represented by 3 cylinders Slump 4 1/2 in Air Content 3.5 %
 Truck No 177 Temps: Air 85 °F Concrete 86 °F Weather cloudy
 Date Nov 3, '94 Time Batched 11:50 Time Molded 7:00 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F water
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature [Signature] Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
169-A	7	08 NOV 94	10 NOV 94	7	L.B.	P	55.0	1947	
169-B	90	08 NOV 94	01 FEB 95	90	R.L.	C	125.0	4425	
169-C	90	08 NOV 94	01 FEB 95	90	R.L.	C	124.0	4390	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 109: 78° + 8 H₂O 105: 87° + 10 H₂O 106: 87° + 10 H₂O
184: 85° + 5 H₂O 179: 87° + 5 H₂O

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor Pitman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'_c) 3000 psi at days, Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type 1 Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water 10 gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith # 182E # 187 W/(C+P) 0.
 Order No 1113 51 yd³ Represented by 3 cylinders Slump 5 1/2 in Air Content 4.1 %
 Truck No 105 Temps: Air 98 °F Concrete 85 °F Weather SUNNY
 Date 11-4-94 Time Batched 1102 Time Molded 12:00 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F Water
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature [Signature] Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
170-A	7	08 NOV 94	14 NOV 94	10	R.L.	P	56.5	2000	
170-B	90	08 NOV 94	02 FEB 95	90	R.L.	C	103.5	3664	
170-C	90	08 NOV 94	02 FEB 95	90	R.L.	C	100.0	3540	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 184; 85° + 4gal 177; 86° + 4gal 179; 86° + 5gal
183; 87 + 0gal 109; 87° + 8gal

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor Pitman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type 1 Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water 6 gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith # 185E # 180 W/(C+P) 0.
 Order No 1113 51 yd³ Represented by 3 cylinders Slump 5 1/2 in Air Content 4.2 %
 Truck No 110 Temps: Air 78 ° F Concrete 85 ° F Weather SUNNY
 Date 11-7-94 Time Batched 12:09 Time Molded 1:10pm Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F Water
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature Joe Williams Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
171 -A	7	08 NOV 94	14 NOV 94	7	R.L.	P	87.0	3080	
171 -B	90	08 NOV 94	06 FEB 95	91	R.L.	C	151.0	5345	
171 -C	90	08 NOV 94	06 FEB 95	91	R.L.	C	147.0	5204	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 112 87° + 0 H₂O 103 87° + 0 H₂O 110 87° + 8 H₂O
112 87° + 7 H₂O 106 88° + 0 H₂O

90 DAY TESTS FALLS ON SUNDAY.

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor Pitman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type 1 Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith # 3 & # 5 W/(C+P) 0.
 Order No 1113 57 yd³ Represented by 3 cylinders Slump 4 1/4 in Air Content 4.0 %
 Truck No 105 Temps: Air 57° °F Concrete 65° °F Weather Sunny & Cool
 Date 12-12-94 Time Batched 1:07 pm Time Molded 1:50 pm Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F Water
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature Brian Walker Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
181 -A	7		16 DEC 94	7	R.L.	C	53.0	1876	
181 -B	90		09 MAR 95	90	R.L.	C	119.5	4230	
181 -C	90		09 MAR 95	90	R.L.	C	115.0	4071	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks None. Has added to truck in site. Temp. in truck 107-67°, 183-67°, 78-70°, 177-69°

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor P.H.M. Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type 1 Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith # 19 & # 12 & # 14 W/C+P 0.
 Order No 1113 64 yd³ Represented by 3 cylinders Stump 5 in Air Content 4.2 %
 Truck No 106 Temp: Air 56 °F Concrete 60 °F Weather clear & cool
 Date 12-17-94 Time Batched Time Molded 1:20 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F water
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature T. Fleury Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
186-A	7	12/22/94	12/27/94	8	R.L.	P	86.5	3062	2
-B	90	12/22/94	03/20/95	90	L.B.	C	155.0	5487	2
-C	90	12/22/94	03/20/95	90	L.B.	C	155.5	5505	2
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks Five gal. water added at job site
Temp. TRUCKS # 183-59° 106-59° 176-60° 111-60° 100-60° 102-59°
106-60° 111-60° # 104-59°

RECEIVED

7 Day test falls on a holiday and 90 day tests falls on Sunday.

DEC 94

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor Pitman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'_c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type I Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith # 16 & # 18 & 21 W/(C+P) 0.
 Order No 1113 64 yd³ Represented by 3 cylinders Slump 4 1/2 in Air Content 3.9 %
 Truck No 112 Temp: Air 63 °F Concrete 74 °F Weather Sunny & Cool
 Date 12-20 Time Batched 12²⁵ Time Molded 7⁰⁰ pm Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F Water
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature Brian F. Wilcox Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
187 -A	7	12/22/94	12/27/94	7	R.L.	C	67.0	2372	2
187 -B	90	12/22/94	03/20/95	90	L.B.	C	141.0	4991	2
187 -C	90	12/22/94	03/20/95	90	L.B.	C	146.5	5186	2
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 5 gals of H2O was added to truck on job site temp of other trucks
181 - 74°, 100 - 74°, 109 - 73°, 110 - 74°, 112 - 75°, 100 - 74°, 109 - 73°, 110 - 73°

RECEIVED

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor Pitman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type 1 Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith # 2 E # 20 W/(C+P) 0.
 Order No 1113 44 yd³ Represented by 3 cylinders Slump 4 1/2 in Air Content 4.2 %
 Truck No 103 Temps: Air 67 °F Concrete 75 °F Weather Rainy Cloudy
 Date 12-21-94 Time Batched 1:15 Time Molded 2:10 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F Water
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature Bruce K. Wilcox Title Technician

19

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
188-A	7	12/23/94	12/28/94	7	L.B.	P	85.5	3027	2
188-B	90	12/23/94	3/21/95	90	L.B.	C	153.0	5416	2
188-C	90	12/23/94	3/21/95	90	L.B.	C	150.5	5328	2
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks No H2O was added to concrete on site. Temp of other trucks were as follows: #101 - 75°, #100 - 73°, #112 - 73°, #110 - 74°, #111 - 73°

RECEIVED

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'_c) 3000 psi at days. Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type 1 Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith # 22 E # W/(C+P) 0.
 Order No 22 yd³ Represented by 3 cylinders Slump 3 1/2 in Air Content 4.0 %
 Truck No 102 Temps: Air 53 °F Concrete 61 °F Weather Cloudy & Cool
 Date 12-22-94 Time Batched Time Molded 3:00 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F Water
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature Johnny Sills Title Technician

Specimen Marking	Test Age (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(e) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
19 189-A	7	12/23/94	12/29/94	7	R.L.	C	95.0	3363	2
189-B	90	12/23/94	3/22/95	90	L.B.	P	158.5	5611	2
189-C	90	12/23/94	3/22/95	90	L.B.	P	155.5	5505	2
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks No Water Added to trucks on site Temp of Trucks 102, 61° 103, 64° 107, 60°

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor Pitman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type I Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith #269 & #204 W/(C+P) 0.
 Order No 1113 8 yd³ Represented by 3 cylinders Slump 5 in Air Content 4.1 %
 Truck No 107 Temps: Air 83 °F Concrete 85 °F Weather cloudy
 Date 10-17-94 Time Batched 12:02 PM Time Molded 1:00 PM Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F water
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature [Signature] Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
19 58-A	7	21 OCT 94	24 OCT 94	7	R.L.	P	96.5	3416	
6 58-B	90	21 OCT 94	17 JAN 95	92	L.B.	P	152.0	5381	
6 158-C	90	21 OCT 94	17 JAN 95	92	L.B.	C	143.0	5062	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 90 DAY TESTS FALLS ON SUNDAY.

RECEIVED
 OCT 21

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor Pitman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0 max
 Cement (C) lbs ASTM Type 1 Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith # 213 & # 208 W/C+P 0
 Order No 1113 8 yd³ Represented by 3 cylinders Slump 5 1/4 in Air Content 4.5 %
 Truck No 410 Temp: Air 83 °F Concrete 88 °F Weather cloudy
 Date 10-17-94 Time Batched 12:10 Time Molded 1:00 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F water
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature E. Williams E. Williams Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
156-A	7	18 OCT 94	24 OCT 94	7	R.L.	P	75.0	2655	
156-B	90	18 OCT 94	17 JAN 95	92	L.B.	C	163.0	5770	
156-C	90	18 OCT 94	17 JAN 95	92	L.B.	P	147.5	5222	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks Added 5 gal of H₂O to 109(40259) on sight
Temp: 106 (84°) 104 (88°) 109 (84°) 181 (87°) 187 (87°)

90 day tests falls on Sunday.

RECEIVED

OCT 18

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081

Contractor Pittman Construction Concrete Supplier L.I.

Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031

Proportions for 376 yd³ Specified Strength (F_c) 3000 psi at days Specified (W/C+P) 0. max

Cement (C) lbs ASTM Type 1 Brand TXI

Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.

Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source

3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

A-E-A oz Made By Designation

W-R-A oz Made By Designation

 Made By Designation

Moisture: Fine Ag % Coarse Ag % Field Water 10 gal (8.33 lbs/gal) Source City Tap

Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs

Placement Location monolith # 211 & # 206 W/C+P) 0.

Order No 1113 8 yd³ Represented by 3 cylinders Slump 5 1/2 in Air Content 3 1/2 %

Track No 100 Temp: Air 88 °F Concrete 85 °F Weather SUNNY

Date 10-18-94 Time Batched 2:00pm Time Molded 2:30 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F water

Time cured in water tank on job site at 73.4±3 degrees F after initial curing 0-2 days

Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box

Signature [Signature] Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(e) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
19 157-A	7	21 OCT 94	25 OCT 94	7	R.L.	P	77.0	2726	
6 157-B	90	21 OCT 94	17 JAN 95	91	L.B.	C	145.0	5133	
6 157-C	90	21 OCT 94	17 JAN 95	91	L.B.	P	132.5	4691	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks TRUCK 100: 85° + 10gal 109: 85° + 6gal 112: 84° + 5gal
181: 82° + 9gals 100: 82° + 5gal

RECEIVED

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor Pitman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type 1 Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water 11 gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith # 202E #207 W/(C+P) 0.
 Order No 1113 8 yd³ Represented by 3 cylinders Slump 4 1/2 in Air Content 4.1 %
 Truck No 109 Temps: Air 87 °F Concrete 85 °F Weather SUNNY
 Date 10-20-94 Time Batched 2:17 PM Time Molded 2:45 PM Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F water
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature [Signature] Title Technician

19
6
6

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
159-A	7	21 OCT 94	27 OCT 94	7	R.L.	P	70.0	2478	
159-B	90	21 OCT 94	18 JAN 95	90	R.L.	C	80.0	2832	
159-C	90	21 OCT 94	18 JAN 95	90	R.L.	C	140.0	4956	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 100: 85° + 11gal 110: 85° + 7gal 184: 75° + 3gal
100: 85° + 14gal 109: 75° + 1gal

159-B DID NOT REACH REQUIRED STRENGTH. **RECEIVED**

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shriak (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) 2959 lbs ASTM Type 1 Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water 0 gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith #212E # W/(C+P) 0.
 Order No 8 yd³ Represented by 3 cylinders Slump 4 1/2 in Air Content 4.5 %
 Truck No 176 Temps: Air 77° °F Concrete 82° °F Weather Cloudy
 Date 10-13-94 Time Batched 1157am Time Molded 1245 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F water
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature Johnny Aile Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
154-A	7	14 OCT 94	20 OCT 94	7	R.L.	P	70.0	2478	
154-B	90	14 OCT 94	12 JAN 95	90	L.B.	C	135.0	4779	2
154-C	90	14 OCT 94	12 JAN 95	90	L.B.	C	123.5	4372	2
-D									
-E									

Lab Report No 154 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks Truck #1, 82 #2, 83 #3, 83 Temp.

RECEIVED

90 DAY SAMPLES TESTED ONE DAY LATE.

OCT 14

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor Pitman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type 1 Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith # 210 & # 215 W/(C+P) 0.
 Order No 1113 40 yd³ Represented by 3 cylinders Slump 4 3/4 in Air Content 39 %
 Truck No 184 Temps: Air 73 °F Concrete 85 °F Weather Sunny
 Date 10-14-94 Time Batched 12:47 pm Time Molded 1:30 pm Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F water
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
155 -A	7	18 OCT 94	21 OCT 94	7	L.B.	P	73.5	2602	
155 -B	90	18 OCT 94	12 JAN 95	90	L.B.	C	140.0	4956	2
155 -C	90	18 OCT 94	12 JAN 95	90	L.B.	C	138.0	4885	2
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 6 gallons H2O added on site Temp ° of other trucks 176-83°, 181-83°
111-85°, 165-85°

RECEIVED
 OCT 18

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor P.H.M. Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type 1 Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water 5 gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith # 181 & # 174 W/(C+P) 0.
 Order No 1113 51 yd³ Represented by 3 cylinders Slump 5 in Air Content 4.3 %
 Truck No 103 Temps: Air 85 °F Concrete 87 °F Weather Sunny
 Date 11-9-94 Time Batched 11:53 Time Molded 1:00 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F Water
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing 0-2 days
 Delivered to Lab by Corps A-E Contractor Cushioning Method Cushioning Box
 Signature [Signature] Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(e) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
19 173-A	7	14 NOV 94	16 NOV 94	7	R.L.	C	75.0	2655	2
21 173-B	90	14 NOV 94	09 JAN 95	61	L.B.	C	138.5	4903	2
21 173-C	90	14 NOV 94	09 JAN 95	61	L.B.	C	131.5	4655	2
.D									
.E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 110: 87° + 5H₂O 112: 88° + 6H₂O 179: 86° + 13H₂O
105: 86° + 0 gal 107: 86° + 10H₂O
 90 DAY SAMPLES TESTED EARLY.

RECEIVED

NOV 14

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor Pitman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type 1 Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith # 230 & # 232 W/(C+P) 0.
 Order No 1113 42 yd³ Represented by 3 cylinders Slump 4" in Air Content 3.4 %
 Truck No 104 Temps: Air 93 °F Concrete 81 °F Weather Sunny
 Date 9-26-94 Time Batched 1:12 pm Time Molded 1:50 pm Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F water
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature Brian K Wilson Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
144 -A	7	27 SEP 94	03 OCT 94	7	E.S.	P	60.0	2124	
144 -B	90	27 SEP 94	27 DEC 94	92	R.L.	P	132.5	4691	
144 -C	90	27 SEP 94	27 DEC 94	92	R.L.	C	136.5	4832	
-D									
-E									

Lab Report No 144 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 7 gallons of H₂O added to truck on site. Temp of other trucks: 109-81°, 106-82°
90 DAY TESTS FALLS ON SUNDAY AND MONDAY IS A HOLIDAY.

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor Pitman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type 1 Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith # 228e # 226 W/C+P 0.
 Order No 1113 40 yd³ Represented by 3 cylinders Slump 4 1/2 in Air Content 4.2 %
 Truck No 184 Temps: Air 87 °F Concrete 85 °F Weather Sunny
 Date 9-27-94 Time Batched 1:38 pm Time Molded 2:15 pm Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F water
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature Bruce Wilcox Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
19 145 -A	7	28 SEP 94	04 OCT 94	7	E.S.	C	80.0	2832	
14 145 -B	90	28 SEP 94	27 DEC 94	91	R.L.	P	161.5	5717	
14 145 -C	90	28 SEP 94	27 DEC 94	91	R.L.	C	160.0	5664	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 109 gal H2O added to truck on site. Temp° of other trucks: 109-85, 184-85° **RECEIVED**

90 DAY TESTS FALLS ON A HOLIDAY. SEP 28

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor Pitman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0 max
 Cement (C) lbs ASTM Type 1 Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith #224 & #231 W/(C+P) 0
 Order No 1113 40 yd³ Represented by 3 cylinders Slump 6 in Air Content 3.8 %
 Truck No 181 Temps: Air 88 °F Concrete 86 °F Weather Sunny
 Date 9-28 Time Batched 1⁰⁶ Time Molded 1⁵⁵ Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F water
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature Brian K. Wilcox Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
146-A	7	03 OCT 94	05 OCT 94	7	ECS	C	75.0	2655	
146-B	90	03 OCT 94	27 DEC 94	90	R.L.	C	156.5	5540	
146-C	90	03 OCT 94	27 DEC 94	90	R.L.	P	158.5	5611	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 15 Gallons H2O added to truck on site. Temp of other trucks:
109-86°, 176-87°, 181-86°, 182-86°

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor P.H.M. Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type 1 Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith # 222 & # 229 W/(C+P) 0.
 Order No 1113 40 yd³ Represented by 3 cylinders Slump 4 3/4 in Air Content 4.3 %
 Truck No 106 Temps: Air 90 °F Concrete 87 °F Weather Sunny
 Date 9-29-94 Time Batched 12:50 Time Molded 1:25 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F water
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature Brian Wiley Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
147 -A	7	03 OCT 94	06 OCT 94	7	R.L.	P	75.0	2655	
147 -B	90	03 OCT 94	28 DEC 94	90	R.L.		150.0	5310	
147 -C	90	03 OCT 94	28 DEC 94	90	R.L.		165.0	5841	
-D									
-E									

Lab Report No 147 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 12 gallons of H2O added to truck on site. Temp of other trucks:
109-87°, 112-87°, 106-88°, 109-87°

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor Pitman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type 1 Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith # 201 #227 W/(C+P) 0.
 Order No 1113 yd³ Represented by 3 cylinders Slump 5 in Air Content %
 Truck No 103 Temps: Air 91 °F Concrete 85 °F Weather Sunny
 Date 9-30-94 Time Batched 12⁰⁰ Time Molded 1⁰⁰ Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F water
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature Bruce Wilcox Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
148 -A	7	03 OCT 94	07 OCT 94	7	L.B.	P	70.0	2478	
148 -B	90	03 OCT 94	29 DEC 94	90	R.L.	C	136.0	4814	
148 -C	90	03 OCT 94	29 DEC 94	90	R.L.	C	120.0	4248	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 8 gallons of H2O added to truck on site Temp of other trucks: 100-85
109-87°, 106-85°, 103-85°

Concrete Compression Test Specimen Data

Project 17th St Canal East Side DACW29-93-C-0081

Contractor Pittman Construction Concrete Supplier L.I.

Mixing: Central Job Site Shriak (Truck) Transit (Truck) Mix Designation 91031

Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max

Cement (C) lbs ASTM Type 1 Brand TXI

Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.

Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source

3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

A-E-A oz Made By Designation

W-R-A oz Made By Designation

 Made By Designation

Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap

Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs

Placement Location monolith # 233 e' # W/(C+P) 0.

Order No 1113 20 yd³ Represented by 3 cylinders Slump 3 1/2 in Air Content %

Truck No 109 Temp: Air 79 °F Concrete 86 °F Weather Clear

Date 10-3-94 Time Batched 12:35 Time Molded 1:40 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F water

Time cured in water tank on job site at 73.4±3 degrees F after initial curing 0-2 days

Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box

Signature DAVID DURBIN Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(e) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
149 -A	7	04 OCT 94	11 OCT 94	8	R.L.	P	85.0	3009	
149 -B	90	04 OCT 94	03 JAN 95	92	L.B.	P	156.5	5540	
149 -C	90	04 OCT 94	03 JAN 95	92	L.B.	P	153.5	5434	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 5 Gals OF WATER ADDED TO TRUCK. LAST TRUCK TEMPERATURE WAS 87°F

7 DAY TEST FALLS ON A HOLIDAY, 90 DAY TESTS FALLS ON SUNDAY AND MONDAY IS A HOLIDAY.

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type 1 Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith # 223 & # 216 W/(C+P) 0.
 Order No 1113 44 yd³ Represented by 3 cylinders Slump 3 in Air Content 4.5 %
 Truck No 110 Temps: Air 80 °F Concrete 82 °F Weather Clear warm
 Date 10-5-94 Time Batched 12:45 Time Molded 1:15 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F water
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature M. Burns Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
151-A	7	07 OCT 94	12 OCT 94	7	R.L.	P	85.0	3009	
151-B	90	07 OCT 94	03 JAN 95	90	L.B.	P	157.5	5576	
151-C	90	07 OCT 94	03 JAN 95	90	R.L.	C	160.0	5664	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks Test Performed on Monolith No 223

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-2081
 Contractor Pitman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type 1 Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith # 21B & # 225 W/(C+P) 0.
 Order No 1113 40 yd³ Represented by 3 cylinders Slump 3 3/4 in Air Content 4.0 %
 Truck No 112 Temps: Air 85 °F Concrete 85 °F Weather Sunny
 Date Oct 4, 1994 Time Batched 12²⁴ Time Molded 1³⁰ Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F water
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature Bruce K Wilcox Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
150 -A	7	07 OCT 94	11 OCT 94	7	R.L.	P	75.0	2655	1
150 -B	90	07 OCT 94	03 JAN 95	91	L.B.	P	150.0	5310	1
150 -C	90	07 OCT 94	03 JAN 95	91	R.L.	C	152.0	5381	2
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 9 gallons of H2O added to truck on site. Temp of other trucks
160 - 85°, 179 - 87°, 176 - 88°, 166 - 26°
90 DAY TESTS FALLS ON A HOLIDAY.

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type 1 Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith #217 & #219 W/(C+P) 0.
 Order No 1113 39 yd³ Represented by 3 cylinders Slump 4 1/4 in Air Content 3.9 %
 Truck No 106 Temps: Air 87 °F Concrete 86 °F Weather Sunny
 Date 10-6-94 Time Batched 12:00 Time Molded 12:45 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F water
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature Bruce Wilcox Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(e) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
153 -A	7	13 OCT 94	14 OCT 94	8	R.L.	P	67.0	2372	
153 -B	90	13 OCT 94	04 JAN 95	90	L.B.	P	139.5	4938	
153 -C	90	13 OCT 94	04 JAN 95	90	L.B.	P	145.5	5151	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 10 gallons of H2O Added on site. Temp of other trucks: 112-83°, 107-85°, 184-85°, 112-Temp 86°
CLYINDERS WERE DELIVERED TO LAB LATE.

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081

Contractor Pitman Construction Concrete Supplier L.I.

Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031

Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0 max

Cement (C) lbs ASTM Type 1 Brand TXI

Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.

Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source

3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

A-E-A oz Made By Designation

W-R-A oz Made By Designation

 Made By Designation

Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap

Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs

Placement Location monolith # 221 & # 214 W/(C+P) 0

Order No 1113 40 yd³ Represented by 3 cylinders Slump 4 in Air Content 4.5 %

Truck No 107 Temps: Air 84 °F Concrete 86 °F Weather Clear & warm

Date 10-6-94 Time Batched 2:50P Time Molded 3:25P Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F water

Time cured in water tank on job site at 73.4±3 degrees F after initial curing 0-2 days

Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box

Signature M. Burns Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
152-A	7	07 OCT 94	13 OCT 94	7	R.L.	P	75.0	2655	
152-B	90	07 OCT 94	04 JAN 95	90	L.B.	P	157.5	5576	
152-C	90	07 OCT 94	04 JAN 95	90	L.B.	P	158.5	5611	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks Test performed on monolith no. 221

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081

Contractor Pitman Construction Concrete Supplier L.I.

Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031

Proportions for 376 yd' Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max

Cement (C) lbs ASTM Type 1 Brand TXI

Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.

Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source

3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

A-B-A oz Made By Designation

W-R-A oz Made By Designation

 Made By Designation

Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap

Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs

Placement Location monolith #183 & #178 W/C+P 0.

Order No 1113 51 yd' Represented by 3 cylinders Slump 4 1/2 in Air Content 41 %

Truck No 179 Temps: Air 85° F Concrete 85° F Weather SUNNY

Date 11-8-94 Time Batched 11:47 Time Molded 1:00 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F water

Time cured in water tank on job site at 73.4±3 degrees F after initial curing 0-2 days

Delivered to Lab by Corps A-B Contractor Cushioning Method Cushioning Box

Signature [Signature] Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
19 172-A	7	14 NOV 94	15 NOV 94	7	R.L.	P	82.0	2903	
21 172-B	90	14 NOV 94	06 JAN 95	59	JMC	C	127.0	4496	
21 172-C	90	14 NOV 94	06 JAN 95	59	JMC	C	128.5	4549	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 182 85° H2O 106 85° +5 H2O 103 85° +10 H2O
179 116 H2O 85° 107 85° +10 H2O

90 DAY SAMPLES MISTAKENLY TESTED EARLY.

RECEIVED

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor P.H.M.M. Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type 1 Brand TXI
 Pozzoian (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 in Coarse Ag lbs Size //Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith # 165 & # 166 W/(C+P) 0.
 Order No 1113 68 yd³ Represented by 3 cylinders Slump 4 1/2 in Air Content 3.5 %
 Truck No 102 Temps: Air 67 °F Concrete 73 °F Weather Sunny + Clear
 Date 11-17-94 Time Batched 1:15 Time Molded 1:35 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F Water
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature Thomas M. G. Kelly Title Technician

19
3
3

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
179 -A	7	18 NOV 94	11/25/94	8	R.L.	C	67.0	2372	
179 -B	90	18 NOV 94	2/15/95	90	R.L.	C	130.0	4602	
179 -C	90	18 NOV 94	2/15/95	90	R.L.	C	127.0	4496	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks To 1 106 corrected by [unclear] for 70 [unclear]
Truck 152 corrected by [unclear]
[unclear] [unclear] [unclear] [unclear] [unclear] [unclear]
[unclear] [unclear] [unclear] [unclear] [unclear] [unclear]

RECEIVED

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor PLHmn Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type 1 Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water 10 gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith # 174E # 179 W/(C+P) 0.
 Order No 54 yd³ Represented by 3 cylinders Slump 4 1/2 in Air Content 4.2 %
 Truck No 109 Temps: Air 80° F Concrete 85° F Weather SUNNY
 Date 11-10-94 Time Batched 12:00 Time Molded 1:00 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F Water
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
174-A	7	14 NOV 94	17 NOV 94	7	L.B.	C	81.0	2867	
174-B	90	14 NOV 94	08 FEB 95	90	R.L.	C	162.0	5735	
174-C	90	14 NOV 94	08 FEB 95	90	R.L.	C	159.5	5646	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 179: 85° + 7gal 105: 86° + 3gal 107: 85° + 7gal
112: 85° + 7gal 179: 85° + 0gal

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type I Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
^{3/4} in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water 3 gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith # 172 & # 177 W/C+P 0.
 Order No 1113 51 yd³ Represented by 3 cylinders Slump 5 in Air Content 4.1 %
 Truck No 100 Temps: Air 78 °F Concrete 85 °F Weather OVERCAST
 Date 11-11-94 Time Batched 11:50 Time Molded 1:00 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F Water
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature [Signature] Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
175-A	7	14 NOV 94	18 NOV 94	7	JMC	C	56.5	2000	
175-B	90	14 NOV 94	09 FEB 95	90	L.B.	P	135.0	4779	
175-C	90	14 NOV 94	09 FEB 95	90	R.L.	C	135.0	4779	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 101: 85 + 9 gal 110: 80 + 5 gal 180: 80 + 5 gal
109 80 + 7 gal

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor Pitman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type 1 Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith # 170 & # 175 W/C+P 0.
 Order No 1113 45 yd³ Represented by 3 cylinders Slump 4 1/2 in Air Content 4.0 %
 Truck No 107 Temps: Air 75 °F Concrete 84 °F Weather Sunny
 Date 11-14-94 Time Batched 11:00 Time Molded 11:40 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F water
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature Bruce K. Wilcox Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
176-A	7	17 NOV 94	21 NOV 94	7	R.L.	C	70.5	2496	
176-B	90	17 NOV 94	13 FEB 95	91	R.L.	C	135.0	4779	
176-C	90	17 NOV 94	13 FEB 95	91	R.L.	C	130.5	4620	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 5 gallons of H2O added to concrete on site. Temp of other trucks, 103-85°, 179-85°, 177-87°, 106-85°

90 DAY TESTS FALLS ON SUNDAY

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081

Contractor Pittman Construction Concrete Supplier L.I.

Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031

Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max

Cement (C) lbs ASTM Type 1 Brand TXI

Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.

Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source

3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

 in Coarse Ag lbs Size #/Grade Absorption % Source

A-E-A oz Made By Designation

W-R-A oz Made By Designation

 Made By Designation

Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap

Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs

Placement Location monolith # 168 & # 173 W/(C+P) 0.

Order No 1113 45 yd³ Represented by 3 cylinders Slump 4 in Air Content 3.9 %

Truck No 100 Temps: Air 78 °F Concrete 85 °F Weather Sunny

Date 11-15-94 Time Batched 12:01 Time Molded 12:35 Molded By Alpha Testing

Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F Water

Time cured in water tank on job site at 73.4±3 degrees F after initial curing 0-2 days

Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box

Signature Brian K. Wilcox Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
19 177-A	7	17 NOV 94	22 NOV 94	7	R.L.	C	90.0	3186	
9 177-B	90	17 NOV 94	13 FEB 95	90	R.L.	C	155.0	5487	
9 177-C	90	17 NOV 94	13 FEB 95	90	R.L.	C	164.0	5806	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 119 gal H₂O added to truck on site. Temp° of other trucks
183-85°, 179-87°, 110-87°, 106-86°

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type 1 Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith # 166 & # 171 W/(C+P) 0.
 Order No 1113 45 yd³ Represented by 3 cylinders Slump 4 in Air Content 4.4 %
 Truck No 100 Temps: Air 75 °F Concrete 83 °F Weather Sunny
 Date 11-16-94 Time Batched 11³⁰ Time Molded 12⁰⁵ Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F Water
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corpa A-E Contractor Cushioning Method Cushioning Box
 Signature Brian K Wilcox Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
19 178 -A	7	17 NOV 94	23 NOV 94	7	R.L.	P	72.0	2549	
9 178 -B	90	17 NOV 94	14 FEB 95	90	R.L.	C	154.5	5469	
9 178 -C	90	17 NOV 94	14 FEB 95	90	L.B.	P	153.0	5416	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 6 gallons H2O Added to concrete on site - Temp° of other trucks
183 - 83°, 110 - 83°, 182 - 85°, 183° - 87°

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor Pittman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type I Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith #194 & #199 W/(C+P) 0.
 Order No 1113 40 yd³ Represented by 3 cylinders Slump 5 in Air Content 4.4 %
 Truck No 105 Temps: Air 74 °F Concrete 72 °F Weather Sunny & Cool
 Date 10-27-94 Time Batched 12¹⁵ Time Molded 12⁵⁰ Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F Water
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature Brian K. White Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
164 -A	7	28 OCT 94	03 NOV 94	7	R.L.	P	52.0	1841	
164 -B	90	28 OCT 94	25 JAN 95	90	L.B.	C	112.0	3965	2
164 -C	90	28 OCT 94	25 JAN 95	90	L.B.	C	125.0	4425	2
-D									
-E									

Lab Report No 164 Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 7 gallons H2O added at Job site. Temp of Trucks: 103-73°, 107-73°, 105-70°, 183-71°
RECEIVED
OCT 28

CELMIN-ED-FI

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor Pitman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type I Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith # R7 & # 192 W/(C+P) 0.
 Order No 1113 yd³ Represented by 3 cylinders Slump 4 1/2 in Air Content 4.4 %
 Truck No 112 Temps: Air 65 °F Concrete 72 °F Weather Cloudy & Cool
 Date 10/28/94 Time Batched 12:59 PM Time Molded 1:25 PM Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F water
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing 0-2 days
 Delivered to Lab by Corps A-E Contractor Cushioning Method Cushioning Box
 Signature Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
19 165 -A	7	11/3/94	11/4/94	7	JMC	P	70.0	2478	
165 -B	90	03 NOV 94	26 JAN 95	90	R.L.	C	144.5	5115	
165 -C	90	03 NOV 94	26 JAN 95	90	R.L.	C	146.5	5186	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks

RECEIVED

NOV 03

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor Pitman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type I Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water 8 gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith # 195 & # 190 W/(C+P) 0.
 Order No 1113 8 yd³ Represented by 3 cylinders Slump 5 1/2 in Air Content 4.1 %
 Truck No 177 Temps: Air 78 °F Concrete 75 °F Weather Cloudy
 Date 10-31-94 Time Batched 1:05 Time Molded 1:35 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F water
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps X-E Contractor Cushioning Method Cushioning Box
 Signature [Signature] Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
19 166 -A	7	03 NOV 94	07 NOV 94	7	R.L.	P	53.0	1876	
166 -B	90	03 NOV 94	30 JAN 95	91	R.L.	C	132.5	4691	
166 -C	90	03 NOV 94	30 JAN 95	91	R.L.	C	130.5	4620	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks TRUCK # 110; 75°, +8gal H₂O 106; 75° + 4 1/2 gal H₂O
103; 86° + 15 gal H₂O 109; 87° + 3 gal H₂O 177; 86° + 3 gal H₂O

RECEIVED

90 DAY TESTS FALLS ON SUNDAY. NOV 03

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor P.H.M. Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'_c) 3000 psi at days Specified (W/C+P) 0 max
 Cement (C) lbs ASTM Type 1 Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith # 193 & # 188 W/(C+P) 0
 Order No 1113 44 yd³ Represented by 3 cylinders Slump 4 in Air Content 4.2 %
 Truck No 184 Temps: Air 75 °F Concrete 74 °F Weather sunny
 Date 11-1-94 Time Batched 103PM Time Molded 1:15 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F Water
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature E. Williams Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
19 167 -A	7	03 NOV 94	08 NOV 94	7	R.L.	P	64.5	2283	
167 -B	90	03 NOV 94	30 JAN 95	90	R.L.	C	137.5	4868	
167 -C	90	03 NOV 94	30 JAN 95	90	R.L.	C	135.0	4779	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks 179; 74° + 8 H₂O 105; 75° + 5 H₂O 183; 73° + 10 H₂O
184 73° + 5 H₂O 179; ~~73°~~ 75° + 2 H₂O

RECEIVED

NOV 03

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29- 93-C-0081
 Contractor Pitman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type 1 Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith #157 & #160 W/(C+P) 0.
 Order No 1012 48 yd³ Represented by 3 cylinders Slump 4 3/4 in Air Content 4.2 %
 Truck No 103 Temps: Air 92 °F Concrete 86 °F Weather Sunny
 Date 9-9-94 Time Batched 12¹⁵ Time Molded 12⁵⁰ Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F water
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
3 141 -A	7	13 SEP 94	16 SEP 94	7	R.L.	C	62.0	2195	2
10 141 -B	90	13 SEP 94	08 DEC 94	90	L.B.	P	136.5	4832	
10 141 -C	90	13 SEP 94	08 DEC 94	90	L.B.	P	143.5	5080	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 20 gal. no H₂O added to concrete. 179-38, 105-57, 101-53
RECEIVED

SEP 13

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-DOB1
 Contractor Pitman Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type 1 Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith #159 & #162 W/(C+P) 0.
 Order No 1113 48 yd³ Represented by 3 cylinders Slump 4 1/2 in Air Content 4.5 %
 Truck No 179 Temps: Air 88 °F Concrete 85 °F Weather Partly Cloudy
 Date 9-12-94 Time Batched 12⁰⁰ Time Molded 12⁴⁵ Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F Water
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature Ramon Wilcox Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
4 142 -A	7	13 SEP 94	19 SEP 94	7	R.L.	P	65.0	2301	
4 142 -B	90	13 SEP 94	12 DEC 94	91	R.L.	P	146.0	5168	
4 142 -C	90	13 SEP 94	12 DEC 94	91	R.L.	P	152.0	5381	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 20 GALLONS OF H₂O added @ site, Temp. of other trucks: #176, 87° #183, 87°
* 10° temp 88° #126 temp 88° #176 temp 88°

90 DAY TESTS FALLS ON SUNDAY.

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor P.H. Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type 1 Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith # 153 & # 156 W/(C+P) 0.
 Order No 1012 53 yd³ Represented by 3 cylinders Slump 5" in Air Content 3.8 %
 Truck No 107 Temps: Air 88° °F Concrete 85 °F Weather Sunny
 Date 1-7-94 Time Batched 1⁰² pm Time Molded 1⁴⁰ pm Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F water
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature Francis W. Wiley Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
129 -A	7	07 SEP 94	14 SEP 94	7	R.L.	C	74.5	2637	2
129 -B	90	07 SEP 94	06 DEC 94	90	L.B.	P	160.0	5664	
129 -C	90	07 SEP 94	06 DEC 94	90	L.B.	P	151.5	5363	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 10 gals H₂O was added to truck Truck 107 temp 85° 102 temp 86°
Truck # 102 temp 85° 181 Temp 86°

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29- 93-C-0081
 Contractor P.H. Min Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type 1 Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith # 155 & # 158 W/(C+P) 0.
 Order No 1012 yd³ Represented by 3 cylinders Slump 4 in Air Content 4.1 %
 Truck No 100 Temps: Air 90 °F Concrete 89 °F Weather Sunny
 Date 9-8-94 Time Batched 12 Time Molded 12 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F Water
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
140-A	7	07 SEP 94	15 SEP 94	7	R.L.	C	77.0	2726	1
140-B	90	07 SEP 94	07 DEC 94	90	R.L.	P	165.0	5841	
140-C	90	07 SEP 94	07 DEC 94	90	R.L.	P	157.0	5558	
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.
 Remarks TRUCK # 100 AT 89F # 103 AT 89F # 107 AT 90F
100 AT 88F # 179 AT 89F # 107 AT 88F

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor P.H. Man Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type 1 Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith # 205 W/C+P 0.
 Order No 1113 25 yd³ Represented by 3 cylinders Slump 4 1/4 in Air Content 4.0 %
 Truck No 100 Temps: Air 84 °F Concrete 87 °F Weather P. Cloudy & Warm
 Date 10-21-94 Time Batched 2:02 Time Molded 2:45 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F Water
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature Michael Patrick Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
160 -A	7	26 OCT 94	28 OCT 94	7	L.B.	P	79.5	2814	
160 -B	90	26 OCT 94	19 JAN 95	90	R.L.	C	167.0	5912	2
160 -C	90	26 OCT 94	19 JAN 95	90	R.L.	C	173.0	6124	2
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor P.H.M. Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type I Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water 0 gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith # 203 E # 200 W/(C+P) 0.
 Order No 1113 8 yd³ Represented by 3 cylinders Slump 5 1/2 in Air Content 4.0 %
 Truck No 103 Temps: Air 87 °F Concrete 85 °F Weather sun
 Date 10-24-94 Time Batched 11:54 Time Molded 1:05 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F water
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature M. Williams Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
<u>161-A</u>	<u>7</u>	<u>26 OCT 94</u>	<u>31 OCT 94</u>	<u>7</u>	<u>R.L.</u>	<u>P</u>	<u>71.0</u>	<u>2513</u>	<u> </u>
<u>161-B</u>	<u>90</u>	<u>26 OCT 94</u>	<u>23 JAN 95</u>	<u>91</u>	<u>R.L.</u>	<u>C</u>	<u>147.5</u>	<u>5222</u>	<u>2</u>
<u>161-C</u>	<u>90</u>	<u>26 OCT 94</u>	<u>23 JAN 95</u>	<u>91</u>	<u>R.L.</u>	<u>C</u>	<u>146.5</u>	<u>5186</u>	<u>2</u>
<u>-D</u>									
<u>-E</u>									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 106: 85°, +5gal 179: 85°, +0gal 109: 83°, +0gal
102: 82°, +2gal

90 DAY TESTS FALLS ON SUNDAY.

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor P.H. Man Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type I Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water 5 gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith # 198 & # 196 W/(C+P) 0.
 Order No 1113 8 yd³ Represented by 3 cylinders Slump 5" in Air Content 3.8 %
 Truck No 181 Temps: Air 88 °F Concrete 87 °F Weather Sunny
 Date 9 Oct 95 Time Batched 1:31 pm Time Molded 2:15 Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F Water
 Time cured in water tank on job site at 73.4 ± 3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature J. Williams Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
162-A	7	26 OCT 94	01 NOV 94	7	R.L.	P	72.0	2549	
162-B	90	26 OCT 94	23 JAN 95	90	L.B.	C	161.5	5717	2
162-C	90	26 OCT 94	23 JAN 95	90	L.B.	C	158.5	5611	2
-D									
-E									

Lab Report No Break Type: 1 2 3 4

If test results are low, note below if there is any discernible cause.

Remarks 110: 87° + 5gal H₂O 106: 86° + 5gal H₂O 179: 86° + 5gal H₂O
110: 87° + 5gal H₂O

Concrete Compression Test Specimen Data

Project 17th St. Canal East Side DACW29-93-C-0081
 Contractor P.H. Man Construction Concrete Supplier L.I.
 Mixing: Central Job Site Shrink (Truck) Transit (Truck) Mix Designation 91031
 Proportions for 376 yd³ Specified Strength (F'c) 3000 psi at days Specified (W/C+P) 0. max
 Cement (C) lbs ASTM Type 1 Brand TXI
 Pozzolan (P) lbs ASTM Class C Brand Holum, Inc.
 Fine Aggregate 1318 lbs ASTM LDOTD Absorption % Source
3/4 in Coarse Ag 1775 lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 in Coarse Ag lbs Size #/Grade Absorption % Source
 A-E-A oz Made By Designation
 W-R-A oz Made By Designation
 Made By Designation
 Moisture: Fine Ag % Coarse Ag % Field Water gal (8.33 lbs/gal) Source City Tap
 Fine Ag + Coarse Ag + Batch + Ice + Field = Total Water (W) lbs
 Placement Location monolith #201 & # W/(C+P) 0.
 Order No 1113 20 yd³ Represented by 3 cylinders Slump 4 3/4 in Air Content 4.1 %
 Truck No 100 Temps: Air 73 ° F Concrete 73 ° F Weather Sunny & Cool
 Date 10-26-94 Time Batched 1:30 pm Time Molded 2:17 pm Molded By Alpha Testing
 Initial (0-48 hrs) cylinder curing method at 60 to 80 degrees F Water
 Time cured in water tank on job site at 73.4±3 degrees F after initial curing 0-2 days
 Delivered to Lab by: Corps A-E Contractor Cushioning Method Cushioning Box
 Signature Brian K Wilcox Title Technician

Specimen Marking	Test At (Days)	Date Received	Date Tested	Tested At (Days)	Tested By	Cap(c) Pad(p)	Total Load (lbs)	Strength (psi)	Break Type
<u>163 -A</u>	<u>7</u>	<u>28 OCT 94</u>	<u>02 NOV 94</u>	<u>7</u>	<u>R.L.</u>	<u>P</u>	<u>66.0</u>	<u>2336</u>	<u> </u>
<u>163 -B</u>	<u>90</u>	<u>28 OCT 94</u>	<u>24 JAN 95</u>	<u>90</u>	<u>L.B.</u>	<u>C</u>	<u>132.0</u>	<u>4673</u>	<u>2</u>
<u>163 -C</u>	<u>90</u>	<u>28 OCT 94</u>	<u>24 JAN 95</u>	<u>90</u>	<u>L.B.</u>	<u>C</u>	<u>137.5</u>	<u>4868</u>	<u>2</u>
<u>-D</u>									
<u>-E</u>									

Lab Report No Break Type: 1 2 3 4

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If test results are low, note below if there is any discernible cause.

Remarks 15 gallons of H2O added on site. Temp of other trucks: Truck 176 - 75°
Truck 179 - 74°

CELMN-ED-F1