

Monthly Report

McKinney Aquatics & Fitness Center

McKinney, Texas

Issued Date: 9/17/2015



The only thing better than recognizing a quality product is building one.

Monthly Report

McKinney Aquatics & Fitness Center

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CONSTRUCTION STATUS

September 2015 Construction Status

Site Work & Utilities

- Building excavation and pad prep is complete.
- Site excavation and final grading continues.
- Excavation of the competition pool and pool pits will begin next week.
- Site utilities have begun.

Landscape & Hardscape

- NA

Concrete Structure

- Drilling of building piers has begun in the Natatorium level.
- Installation of pier caps and grade beams will begin next week.

Steel Erection

- Anchor bolts and embeds are being fabricated.

Building Envelope

- NA

Doors/Frames/Hardware

- NA

Drywall Partitions and Ceilings

- NA

Interior Finishes

- NA

Elevators

- NA

Pools

- Installation of the pool pits and pool piping will begin in a few weeks.

Mechanical / Plumbing / Fire Protection

- Underground plumbing has begun in the Natatorium level.

Electrical / Fire Alarm

- NA

Audio Visual / Tele/Data / Security

- NA



DESIGN & OWNER COORDINATION ITEMS

September 2015 Design & Owner Coordination Items

Site Work & Utilities

- Final direction on the placement of the excess soil from the site excavation is needed.

Landscape & Hardscape

- NA

Concrete Structure

- Concrete reinforcement drawings are being submitted and coordinated with the design team.

Steel Erection

- Structural steel and embed drawings are being submitted and coordinated with the design team.

Building Envelope

- NA

Doors/Frames/Hardware

- NA

Drywall Partitions and Ceilings

- NA

Interior Finishes

- NA

Elevators

- Verification and coordination of the designed elevator pit is required

Pools

- Design of the alternate for outdoor slide towers 3 & 4 is required to provide requested pricing for the owner.

Mechanical / Plumbing / Fire Protection

- Product data submittals and shop drawings are being submitted and coordinated with the design team.

Electrical / Lighting Control / Fire Alarm

- Product data submittals and shop drawings are being submitted and coordinated with the design team.

Audio Visual / Tele/Data / Security

- NA



SUBCONTRACTOR STATUS LOG

McKinney Aquatics & Fitness Center - Contractor Award Log

Bid Package:	Scope of Work:	Awarded Contractor:	Award Notice:
2	Concrete	Kent Companies	1
3	Masonry		
4	Steel		
5	Specialty Metals		
6	Structural Carpentry		
7	Finish Carpentry	Lundy Services, LLC	2
8	Waterproofing		
9	Metal Louvers		
10	Roofing		
11	Spray Fireproofing		
12	Doors & Hardware		
13	Overhead Doors		
14	Glass	DGB Glass, Inc.	2
15	Plaster & Stucco		
16	Drywall	Drywall Interiors, LP	2
17	Tile		
18	Wood Floor		
19	Carpet & Resilient Flooring		
20	Painting		
21	Misc. Specialties		
22	Signs		
23	Lockers		
24	Site Furnishings		
25	Folding Operable Partitions		
26	Appliances		
27	Athletic Equipment		
28	Window Treatments		
29	Aquatic Pools, Slides & Equipment	Sunbelt Pools	1
30	Elevators	Thyssen Krupp Elevator Systems	2
31	Fire Sprinkler	Fire-Tech Protection Systems	2
32	Mechanical Plumbing & HVAC	Humphrey & Associates	1
33	Electrical	Petri Electric	1
34	Tele Data Comm		
35	Security / CCTV		
36	Audio Visual		
37	Earthwork	RPMx Construction, LLC	1
38	Pavement Markings		
39	Fences & Gates		
40	Modular Retaining Wall		
41	Landscape & Irrigation		
43	Site Utilities	Maverick Utility Construction, Inc.	1



SCHEDULE SUMMARY

Act ID	Description	Orig Dur	Rem Dur	Early Start	Early Finish	2015												2016																																										
						AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	27	03	10	17	24	31	07	14	21	28	05	12	19	26	02	09	16	23	30	07	14	21	28	04	11	18	25	01	08	15	22	29	05	12	19	26	02	09	16	23	30	06	13	20	27	03	10
Foundation																																																												
Level 1																																																												
Pool Area																																																												
M1010	Drilled Piers (37)	7	7	14SEP15	22SEP15	<ul style="list-style-type: none"> Drilled Piers (37) FRP Pier Caps & Grade Beams Excavate Pool & Pits FRP Pump Pit & Backfill FRP Pool Pit Slab on Grade Pool Mech. Rm. Piping Misc. MEP Underground 																																																						
M1020	FRP Pier Caps & Grade Beams	15	15	16SEP15	06OCT15																																																							
M1021	Excavate Pool & Pits	3	3	23SEP15	25SEP15																																																							
M1030	FRP Pump Pit & Backfill	2	2	28SEP15	29SEP15																																																							
M1031	FRP Pool Pit Slab on Grade	2	2	30SEP15	01OCT15																																																							
M1035	Pool Mech. Rm. Piping	10	10	30SEP15	13OCT15																																																							
M1060	Misc. MEP Underground	5	5	30SEP15	06OCT15																																																							
Entry Area																																																												
M1100	Drilled Piers (basement ret. wall)	3	3	23SEP15	25SEP15																																																							
M1101	Drilled Piers (Bal.)	3	3	28SEP15	30SEP15																																																							
M1105	FRP Pier Caps & Grade Beams	5	5	01OCT15	07OCT15																																																							
M1110	MEP Underground	5	5	01OCT15	07OCT15																																																							
M1120	FRP Elevator Pit & Backfill	2	2	01OCT15	02OCT15																																																							
M1121	FRP Elevator Pit Slab on Grade	3	3	05OCT15	07OCT15																																																							
M1140	FRP Basement Walls	10	10	24SEP15	07OCT15																																																							
M1160	FRP Slab on Grade	5	5	08OCT15	14OCT15																																																							
Level 2																																																												
Gym Area																																																												
M1190	Drilled Piers at 'A' Line (7)	2	2	01OCT15	02OCT15																																																							
M1195	Drilled Piers at Perimeter (20)	4	4	05OCT15	08OCT15																																																							
M1200	FRP North Grade Beam	4	4	05OCT15	08OCT15																																																							
M1205	Drilled Piers (bal.) minus "hold back piers"	4	4	09OCT15	14OCT15																																																							
M1220	FRP Grade Beams	7	7	09OCT15	19OCT15																																																							
M1225	Below Grade Waterproofing - Basement Wall	5	5	08OCT15	14OCT15																																																							
M1230	Backfill North Grade Beam	2	2	09OCT15	12OCT15																																																							
Parking Areas & Landscape																																																												
Utilities																																																												
M1400	Water 1 (St. 6+33 - 18+14)	10	10	14SEP15	25SEP15																																																							
M1410	Water 2 (St. 0+00 - 0+82)	10	10	14SEP15	25SEP15																																																							
M1420	Storm A (St. 0+00 - 4+55)	10	10	14SEP15	25SEP15																																																							
M1425	Sanitary A (St. 3+54 - 12+81)	5	5	28SEP15	02OCT15																																																							
M1440	Storm B (St. 0+00 - 0+89)	5	5	28SEP15	02OCT15																																																							

Start date	03AUG15
Finish date	08MAR16
Data date	14SEP15
Run date	17SEP15
Page number	1A
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McKinney Aquatics & Fitness Center

- Early bar
- Progress bar
- Critical bar
- Summary bar
- Start milestone point
- Finish milestone point



BUDGET & CASH FLOW

SINE CURVE PROJECTION

Analysis Date: 09/17/15
Duration (Months): 16
Total Amount (\$): \$30,251,359
Sine Curve Option: 3

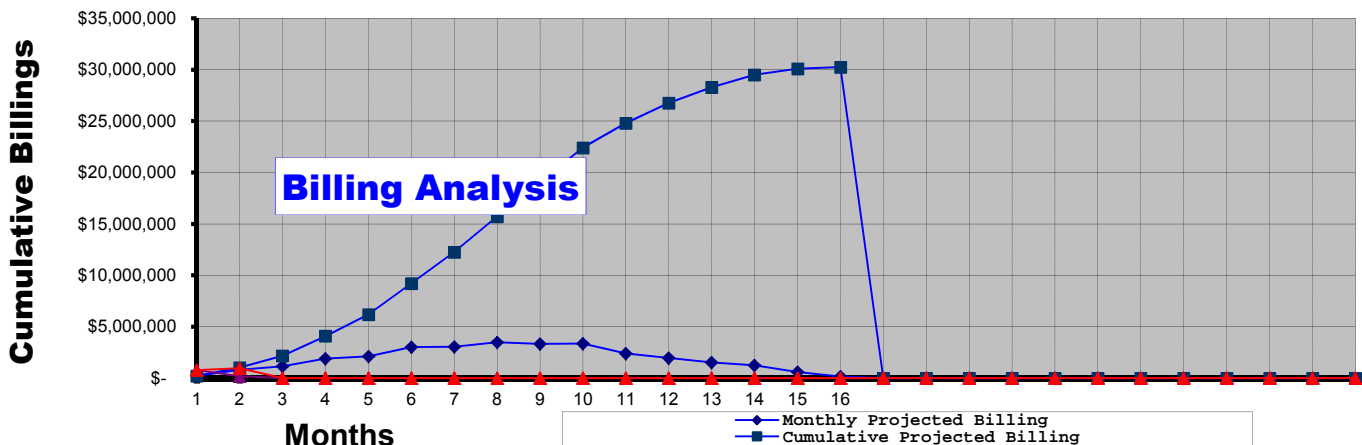
BILLING SINE CURVE OPTIONS

- Curve 1 = Project with a Fast Start
- Curve 2 = Project with a Moderately Quick Start
- Curve 3 = Project with a Typical Sine Curve
- Curve 4 = Project with a Moderately Slow Start
- Curve 5 = Project with a Very Slow Start
- Curve 6 = Project with a Straightline Billing Structure

= Calculated cell (no input required)

SINE PROJECTIONS			ACTUALS			DELTA
Month Number	Estimated Current Application	Cumulative Application	Date of Payments	Actual Application	Cumulative Application	Variance
1	\$ 217,810	\$ 217,810	08/28/15	\$ 779,309	\$ 779,309	\$561,499
2	\$ 804,686	\$ 1,022,496		\$ 191,191	\$ 970,500	(\$51,996)
3	\$ 1,161,652	\$ 2,184,148				
4	\$ 1,905,836	\$ 4,089,984				
5	\$ 2,105,495	\$ 6,195,478				
6	\$ 3,006,985	\$ 9,202,463				
7	\$ 3,049,337	\$ 12,251,800				
8	\$ 3,472,856	\$ 15,724,656				
9	\$ 3,339,750	\$ 19,064,406				
10	\$ 3,345,800	\$ 22,410,207				
11	\$ 2,395,908	\$ 24,806,114				
12	\$ 1,960,288	\$ 26,766,402				
13	\$ 1,524,668	\$ 28,291,071				
14	\$ 1,228,205	\$ 29,519,276				
15	\$ 580,826	\$ 30,100,102				
16	\$ 151,257	\$ 30,251,359				

Current Variance (51,996)





WEATHER

McKinney Aquatics and Fitness Center

3003 Alma Road
McKinney, TX 75070

Tel: Fax:

Manhattan Construction Company

Project # 3666

Date	Temperature			Precip	Cumulative Precipitation	Lost Workday	Conditions
	Low	Median	High				
8/1/2015	71		96	0.00	0.00		Clear
8/2/2015	72		96	0.00	0.00		Clear
8/3/2015	71		98	0.00	0.00		Clear
8/4/2015	76		98	0.00	0.00		Clear, Windy(25 mph)
8/5/2015	80		101	0.00	0.00		Clear
8/6/2015	82		103	0.00	0.00		Clear
8/7/2015	79		103	0.00	0.00		Clear
8/8/2015	77		100	0.00	0.00		Clear
8/9/2015	77		103	0.00	0.00		Clear
8/10/2015	72		105	0.00	0.00		Clear
8/11/2015	82		102	0.00	0.00		Clear
8/12/2015	77		98	0.00	0.00		Clear
8/13/2015	75		96	0.00	0.00		Clear
8/14/2015	75		96	0.00	0.00		Clear
8/15/2015	68		95	0.00	0.00		Clear
8/16/2015	66		96	0.00	0.00		Clear
8/17/2015	74		95	0.00	0.00		Clear
8/18/2015	76		97	0.00	0.00		Clear, Windy(27 mph)
8/19/2015	66		89	0.07	0.07		Partly Cloudy, Windy(33 mph), Rain
8/20/2015	65		75	0.00	0.07		Cloudy
8/21/2015	71		92	0.00	0.07		Partly Cloudy, Windy(26 mph)
8/22/2015	76		96	0.00	0.07		Partly Cloudy, Windy(27 mph)
8/23/2015	77		95	0.01	0.08		Clear, Windy(40 mph), Rain
8/24/2015	74		98	0.05	0.13		Clear, Windy(39 mph), Rain
8/25/2015	75		90	0.00	0.13		Partly Cloudy
8/26/2015	71		93	0.00	0.13		Clear
8/27/2015	67		94	0.00	0.13		Clear
8/28/2015	69		94	0.00	0.13		Clear
8/29/2015	73		95	0.03	0.16		Clear, Rain
8/30/2015	72		96	0.00	0.16		Clear
8/31/2015	71		94	0.00	0.16		Clear
9/1/2015	74		94	0.00	0.16		Clear, Windy(25 mph)
9/2/2015	70		93	0.00	0.16		Clear
9/3/2015	71		94	0.00	0.16		Clear
9/4/2015	75		94	0.00	0.16		Clear
9/5/2015	76		95	0.00	0.16		Clear
9/6/2015	76		98	0.00	0.16		Clear
9/7/2015	76		99	0.00	0.16		Clear
9/8/2015	77		98	0.00	0.16		Clear
9/9/2015	73		85	0.32	0.48		Partly Cloudy, Rain
9/10/2015	71		93	0.00	0.48		Clear
9/11/2015	69		94	0.00	0.48		Clear, Windy(29 mph)
9/12/2015	60		85	0.00	0.48		Clear



PHOTOGRAPHS



Site Utilities Being Installed



Site Grading in the Parking Lots



Pier Drilling in Progress