

Monthly Report

McKinney Aquatics & Fitness Center

McKinney, Texas

Issued Date: 10/15/2015



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

Monthly Report

McKinney Aquatics & Fitness Center

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CONSTRUCTION STATUS

October 15, 2015 Construction Status

Site Work & Utilities

- Site excavation and rough grading is complete
- Excavation of the competition pool and pool pits is complete.
- Site utilities are near completion.
- Testing of the site utilities will begin next week.
- Lime stabilization will begin the last week of October.

Landscape & Hardscape

- NA

Concrete Structure

- Drilling of building piers is complete.
- Installation of pier caps and grade beams continue.
- Installation of the basement wall has begun.

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 has begun.
- Forming of the indoor leisure pool has begun.

Mechanical / Plumbing / Fire Protection

- Underground plumbing continues in the Natatorium level.

Electrical / Fire Alarm

- Underground electrical rough-in has begun.

Audio Visual / Tele/Data / Security

- NA



DESIGN & OWNER COORDINATION ITEMS

October 15, 2015 Design & Owner Coordination Items

Site Work & Utilities

- MCC is pricing to remove the excess soil from the site excavation.

Landscape & Hardscape

- NA

Concrete Structure

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

Steel Erection

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

Building Envelope

- Waterproofing submittals are being submitted and coordinated with the design team.

Doors/Frames/Hardware

- NA

Drywall Partitions and Ceilings

- NA

Interior Finishes

- NA

Elevators

- Verification and coordination of the designed elevator pit has been confirmed.

Pools

- MCC has provided order of magnitude pricing for outdoor slides 3 &4. Final design is required to provide final pricing.

Mechanical / Plumbing / Fire Protection

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

Electrical / Lighting Control / Fire Alarm

- Equipment 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	Skinner Masonry	3
4	Steel	Basden Steel	2
5	Specialty Metals	Viva Railings, LLC	3
6	Structural Carpentry		
7	Finish Carpentry	Lundy Services, LLC	2
8	Waterproofing	Chamberlin Waterproofing	3
9	Metal Louvers	OGI Architectural Metal	3
10	Roofing		
11	Spray Fireproofing	NA	NA
12	Doors & Hardware	Performance Door and Hardware	3
13	Overhead Doors	Overhead Door Co. of Dallas	3
14	Glass	DGB Glass, Inc.	2
15	Plaster & Stucco	NA	NA
16	Drywall	Drywall Interiors, LP	2
17	Tile	Alamo Tile & Stone	3
18	Wood Floor	Ponder Company, Inc.	3
19	Carpet & Resilient Flooring	Fabulous Floors, Inc.	3
20	Painting	Carrco Painting	3
21	Misc. Specialties		
22	Signs		
23	Lockers		
24	Site Furnishings		
25	Folding Operable Partitions	Modernfold, Inc.	3
26	Appliances		
27	Athletic Equipment	John F. Clark Company	3
28	Window Treatments	AEC Corporation	3
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	Securadyne Systems	3
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	2014												2015												2016												2017												2018											
Pre-Construction																																																																	
Pre-Construction																																																																	
M1100	Subcontracting & Buy-Out	60	15	27JUL15 A	30OCT15																																																												
Project Notes & Milestones																																																																	
CONDUR Project Duration - NTP To Substantial (Cal Days)																																																																	
Submittals & Procurement																																																																	
P-1000	Structural Steel Gym - Submit / Review / Approve	15	17	01OCT15 A	03NOV15																																																												
P-1050	Structural Steel Gym - Fab & Deliver	30	30	04NOV15	17DEC15																																																												
P-1100	Structural Steel Pool - Submit / Review / Approve	15	15	15OCT15	04NOV15																																																												
P-1200	Curtainwall - Submit / Review / Approve	15	15	23OCT15	12NOV15																																																												
P-1400	AHU's - Submit / Review / Approve	15	15	12OCT15	30OCT15																																																												
P-1450	AHU's - Fab & Deliver	60	60	02NOV15	28JAN16																																																												
P-1500	Elevator - Submit / Review / Approve	15	15	23OCT15	12NOV15																																																												
P-1620	Light Fixtures - Submit / Review / Approve	15	15	14OCT15	03NOV15																																																												
P-1650	Light Fixtures - Fab & Deliver	50	50	04NOV15	18JAN16																																																												
P-1700	Stairs #2 & #3 - Submit / Review / Approve	15	9	05OCT15 A	22OCT15																																																												
P-1750	Stairs #2 & #3 - Fab & Deliver	30	30	23OCT15	07DEC15																																																												
P-2400	Stairs #1 - Submit / Review / Approve	15	15	20OCT15	09NOV15																																																												
P-1800	Gym Flooring - Submit / Review / Approve	15	15	02NOV15	20NOV15																																																												
P-2500	Pool Slides Color Samples - Submit/Review/Approv	15	14	06OCT15 A	29OCT15																																																												
P-1900	Pool Slides - Submit / Review / Approve	15	15	30OCT15	19NOV15																																																												
P-2000	Operable Partitions - Submit / Review / Approve	15	15	02NOV15	20NOV15																																																												
P-2100	Brick & Stone Veneer - Submit / Review / Approve	15	15	02NOV15	20NOV15																																																												
P-2200	Electrical Service Equip - Submit/Review/Approve	15	10	09SEP15 A	23OCT15																																																												
P-2250	Electrical Service Equipment - Fab & Deliver	30	30	26OCT15	08DEC15																																																												
P-2300	H/M Door Frames - Submit / Review / Approve	15	15	02NOV15	20NOV15																																																												
Foundation																																																																	
Level 1																																																																	
Pool Area																																																																	

Start date	29JAN14
Finish date	30NOV16
Data date	12OCT15
Run date	15OCT15
Page number	1A
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- Early bar
- Progress bar
- Critical bar
- Summary bar
- Start milestone point
- Finish milestone point

MAF2

McKinney Aquatics & Fitness Center
McKinney, Texas
MCC Project #3666

Act ID	Description	Orig Dur	Rem Dur	Early Start	Early Finish	2014					2015					2016					2017					2018				
M1020	FRP Pier Caps & Grade Beams	12	4	23SEP15 A	15OCT15	FRP Pier Caps & Grade Beams																								
M1030	FRP Pump Pit & Backfill	2	0	28SEP15 A	01OCT15 A	FRP Pump Pit & Backfill																								
M1060	Misc. MEP Underground Pit	5	0	30SEP15 A	12OCT15 A	Misc. MEP Underground Pit																								
M1031	FRP Pool Pit Slab on Grade	2	1	05OCT15 A	13OCT15	FRP Pool Pit Slab on Grade																								
M1055	Waterproofing	2	0	12OCT15 A	12OCT15 A	Waterproofing																								
M1240	Leisure Pool Structure Complete	47	47	12OCT15 A	18DEC15	Leisure Pool Structure Complete																								
M1040	Competition Pool Structure Complete	35	56	12OCT15 A	04JAN16	Competition Pool Structure Complete																								
M1035	Pool Mech. Rm. Piping	5	3	14OCT15	16OCT15	Pool Mech. Rm. Piping																								
M1036	FRP Pool Mech. Rm. Slab on Grade	5	3	21OCT15	23OCT15	FRP Pool Mech. Rm. Slab on Grade																								
Entry Area																														
M1110	MEP Underground	5	0	01OCT15 A	07OCT15 A	MEP Underground																								
M1105	FRP Pier Caps & Grade Beams	5	4	01OCT15 A	15OCT15	FRP Pier Caps & Grade Beams																								
M1140	FRP Basement Walls	10	11	14OCT15	28OCT15	FRP Basement Walls																								
M1120	FRP Elevator Pit & Backfill	2	2	20OCT15	21OCT15	FRP Elevator Pit & Backfill																								
M1160	FRP Slab on Grade	5	8	21OCT15	30OCT15	FRP Slab on Grade																								
M1121	FRP Elevator Pit Slab on Grade	3	3	22OCT15	26OCT15	FRP Elevator Pit Slab on Grade																								
Level 2																														
Gym Area																														
M1200	FRP North Grade Beam	4	4	08OCT15 A	15OCT15	FRP North Grade Beam																								
M1210	MEP Underground	5	5	15OCT15	21OCT15	MEP Underground																								
M1230	Backfill North Grade Beam	2	2	16OCT15	19OCT15	Backfill North Grade Beam																								
M1220	FRP Grade Beams	7	7	19OCT15	27OCT15	FRP Grade Beams																								
M1225	Below Grade Waterproofing - Basement Wall	5	5	29OCT15	04NOV15	Below Grade Waterproofing - Basement Wall																								
Parking Areas & Landscape																														
Utilities																														
M1510	Sanitary A (St. 0+00 - 3+54)	10	0	28SEP15 A	02OCT15 A	Sanitary A (St. 0+00 - 3+54)																								
M1450	Sanitary B (St. 0+00 - 4+15)	10	0	05OCT15 A	09OCT15 A	Sanitary B (St. 0+00 - 4+15)																								
M1460	Sanitary B2 (St. 0+00 - 3+10)	10	0	05OCT15 A	09OCT15 A	Sanitary B2 (St. 0+00 - 3+10)																								
M1470	Sanitary B1 (St. 0+00 - Bath House)	10	0	05OCT15 A	09OCT15 A	Sanitary B1 (St. 0+00 - Bath House)																								
M1480	Sanitary B3 (St. 0+00 - 0+89)	10	0	05OCT15 A	09OCT15 A	Sanitary B3 (St. 0+00 - 0+89)																								
M1490	Water 1 (St. 6+33 - 16+00)	5	3	07OCT15 A	14OCT15	Water 1 (St. 6+33 - 16+00)																								
M1500	Storm D (2+62 - 6+38)	5	2	15OCT15	16OCT15	Storm D (2+62 - 6+38)																								

Start date 29JAN14
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-  Early bar
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-  Critical bar
-  Summary bar
-  Start milestone point
-  Finish milestone point

MAF2

McKinney Aquatics & Fitness Center
McKinney, Texas
MCC Project #3666



BUDGET & CASH FLOW

SINE CURVE PROJECTION

Analysis Date: 10/15/15
Duration (Months): 16
Total Amount (\$): \$30,251,359
Sine Curve Option: 3

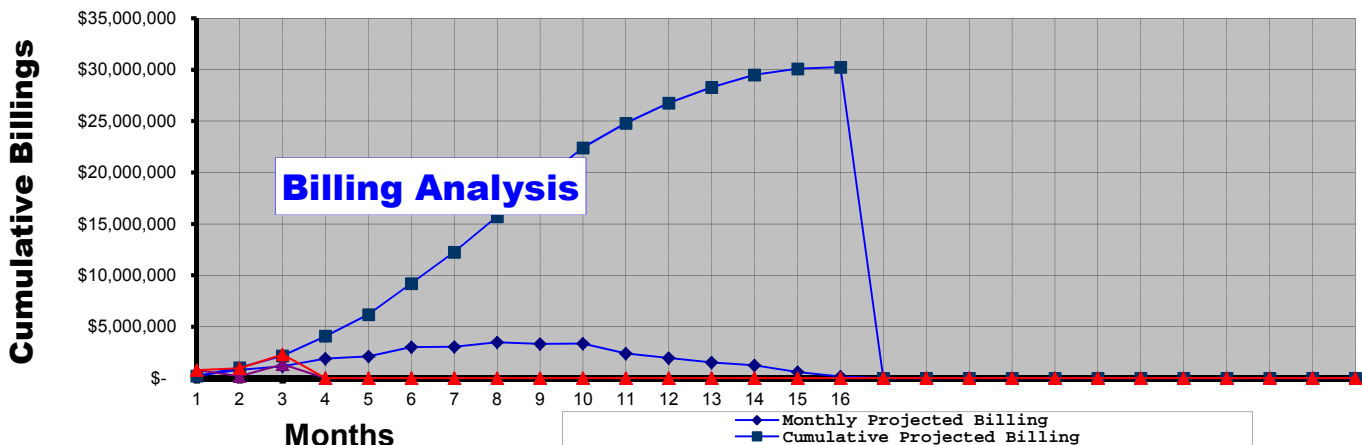
BILLING SINE CURVE OPTIONS

- 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	10/13/15	\$ 191,191	\$ 970,500	(\$51,996)
3	\$ 1,161,652	\$ 2,184,148		\$ 1,321,243	\$ 2,291,743	\$107,595
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 107,595





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				
9/13/2015	58		91	0.00	0.48		Clear, Windy(26 mph)
9/14/2015	66		89	0.00	0.48		Clear, Windy(28 mph)
9/15/2015	62		89	0.00	0.48		Rain, Overcast, Partly Cloudy, Windy(32 mph)
9/16/2015	74		92	0.00	0.48		Windy(30 mph), Partly Cloudy
9/17/2015	72		94	0.00	0.48		Clear, Windy(28 mph)
9/18/2015	73		95	0.00	0.48		Clear, Windy(29 mph)
9/19/2015	71		84	0.30	0.78		Partly Cloudy, Light Rain
9/20/2015	68		83	0.00	0.78		Partly Cloudy
9/21/2015	65		91	0.00	0.78		Clear
9/22/2015	69		94	0.00	0.78		Clear
9/23/2015	65		92	0.00	0.78		Clear
9/24/2015	63		91	0.00	0.78		Clear
9/25/2015	65		92	0.00	0.78		Clear
9/26/2015	60		91	0.00	0.78		Clear
9/27/2015	60		89	0.00	0.78		Clear
9/28/2015	62		90	0.00	0.78		Partly Cloudy
9/29/2015	67		91	0.00	0.78		Clear
9/30/2015	65		92	0.00	0.78		Clear
10/1/2015	61		79	0.04	0.82		Clear
10/2/2015	53		80	0.04	0.86		Clear
10/3/2015	51		80	0.04	0.90		Clear
10/4/2015	52		80	0.04	0.94		Clear
10/5/2015	59		81	0.04	0.98		Clear
10/6/2015	54		86	0.04	1.02		Clear
10/7/2015	59		87	0.00	1.02		Clear
10/8/2015	61		90	0.00	1.02		Clear
10/9/2015	61		89	0.00	1.02		Clear, Windy(30 mph)
10/10/2015	55		83	0.00	1.02		Clear
10/11/2015	61		93	0.00	1.02		Clear, Windy(29 mph)
10/12/2015	68		93	0.00	1.02		Windy(24 mph)



PHOTOGRAPHS



Lower level underground plumbing and grade beams.



Competition pool excavation.



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Building excellence.



Aquatic & Fitness Center

Print #150930752

Date: 09/30/15

Lat/Lon: 33.172764 -96.714439

Order No. 59827



Aerial Photography, Inc. 954-568-0484



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Print #150930753

Date: 09/30/15

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Order No. 59827



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