Engineer's Estimate
Norman Regional Health System Porter Campus Section 2
Wellness Way (Phase 1) Public Improvements
Norman, Cleveland County, OK

ITEM NO.	ITEM	UNIT	QUANTITY	UNIT COSTS	TOTAL
PAVING					
1	8" P.C. Concrete - Dowel Jointed	SY	1,016	$ 54.00	$ 54,864
2	6" Stabilized Subgrade with 12% CKD	SY	1,213	$ 9.60	$ 11,645
3	6" Curb and Gutter	LF	670	$ 18.50	$ 12,395
4	Concrete Driveway with 6" Integral Curb	SY	145	$ 58.00	$ 8,410
5	"V" Curb Markings	EA	3	$ 20.00	$ 60
6	4" Concrete Sidewalk	SY	265	$ 58.00	$ 15,370
7	Accessible Ramps	SY	18	$ 58.00	$ 1,044
8	Tactile Warning Surface Applied Mat (2'L x 5'W)	SF	50	$ 18.00	$ 900
9	Unclassified Excavation	CY	500	$ 8.75	$ 4,375
10	Embankment	CY	300	$ 18.00	$ 5,400
11	Proof Rolling	SY	1,213	$ 2.80	$ 3,396
12	Testing	LS	1	$ 3,500.00	$ 3,500
13	Sawcut Pavement (Concrete)	LF	50	$ 5.20	$ 260
14	Asphalt, Concrete, C/G Removal	SY	1,207	$ 48.00	$ 57,936
	Paving Subtotal				$ 179,555
SIGNING & STRIPING					
1	Structural Concrete	CY	0.06	$ 755.00	$ 45
2	Sheet Aluminum Signs	SF	5.00	$ 26.00	$ 130
3	Square Steel Sign Post	LF	12	$ 9.50	$ 114
4	Traffic Stripe (4 inch wide) Yellow	LF	30	$ 4.25	$ 128
5	Traffic Stripe (24 inch wide) White	LF	18	$ 9.00	$ 162
6	Labor & Miscellaneous	LS	1	$ 1,500.00	$ 1,500
	Signing & Striping Subtotal				$ 2,079
STORM SEWER					
1	18" RCP	LF	60	$ 65.00	$ 3,900
2	STD. Design 2-1 Inlet (2 Grates & 4 Hoods)	EA	2	$ 6,200.00	$ 12,400
3	4' DIA. MANHOLE	EA	2	$ 4,500.00	$ 9,000
4	Connect to Existing Storm Sewer	LS	1	$ 4,200.00	$ 4,200
5	Type "A" Aggregate Backfill	TON	35	$ 40.00	$ 1,418
6	Testing	LS	1	$ 12,500.00	$ 12,500
	Storm Sewer Subtotal				$ 43,418
WATERLINES (PUBLIC)					
1	Remove Existing 6" Waterline	LF	210	$ 12.00	$ 2,520
2	8" C-900 DR18 WATERLINE	LF	210	$ 28.00	$ 5,880
3	6" C-900 DR18 WATERLINE	LF	44	$ 25.00	$ 1,100
4	CONNECT TO EXIST. 6" WATERLINE	EA	1	$ 500.00	$ 500
5	8" GATE VALVE & BOX	EA	1	$ 1,280.00	$ 1,280
6	6" GATE VALVE & BOX	EA	2	$ 960.00	$ 1,920
7	8"x6" TEE	EA	1	$ 500.00	$ 500
8	8"x22.5° BEND W/MEGA LUGS	EA	2	$ 425.00	$ 850
9	FIRE HYDRANT	EA	1	$ 2,500.00	$ 2,500
10	FIRE HYDRANT RISER	EA	1	$ 520.00	$ 520
11	TYPE 'A' AGGREGATE BACKFILL	TON	66	$ 50.00	$ 3,304
12	TESTING & DISINFECTION	LS	1	$ 2,000.00	$ 2,000
	Waterlines Subtotal				$ 22,874
EROSION CONTROL					
1	Stabilized Construction Exit	EA	1	$ 2,000.00	$ 2,000
2	Fibermat Inlet Barrier	EA	1	$ 100.00	$ 100
3	Temporary Silt Fence (Wire Backed)	LF	500	$ 2.80	$ 1,400
4	Construction Washout Area	EA	1	$ 1,500.00	$ 1,500
5	Barricade with Rock Bags	EA	1	$ 500.00	$ 500
6	Solid Slab Sod	SY	545	$ 4.10	$ 2,235
7	SWPPP Information Sign	EA	1	$ 500.00	$ 500
	Erosion Control Subtotal				$ 8,235
	SUB-TOTAL				$ 256,160
	5% Contingency				$ 12,808
					$ 268,968
SOFT COSTS	Mobilization				$ 5,000
	Staking and Asbuilts				$ 7,500
	Traffic Control				$ 5,000
	Inspection fees				$ 3,631
	Maintenance Bonds				$ 4,035
	Soft Costs Subtotal				$ 25,166
	WELLNESS WAY (PHASE 1) PUBLIC IMPROVEMENTS TOTAL				**$ 294,134**
	Engineering				**$ 18,828**

Engineer of Record:

Terence L. Haynes, P.E. #16820

Dated: 08/17/2022

REGISTERED PROFESSIONAL ENGINEER
TERENCE L. HAYNES
16820
OKLAHOMA