

SPRINGDALE INFRASTRUCTURE DEVELOPMENT PLAN

JOB CREATION PROJECTS

The following pages provide a narrative description, preliminary street alignment and a preliminary construction cost estimate for number two (2) of four (4) Job Creation streets included in the 2018 Springdale Infrastructure Program.

JOB CREATION PROJECTS (4)

Project	Street Name	Project Limits	Length (LF)	Cost Est. (millions)
1	64 th Street	Phase I – Hwy 412 to Watkins Ave Phase II – Watkins Ave to Don Tyson Pkwy extension	7,980	\$15.5
2	Watkins Avenue	Completion of Watkins Ave: 64th St to Arvest Ballpark	1,360	\$1.3
3	Ford Extension	Butterfield Coach Road to Ford Ave	3,000	\$3.9
4	Emma Avenue	Streetscape from N. Thompson St to Main Street	1,700	\$2.5
	TOTAL			\$23.2

PROJECT 2 – WATKINS AVENUE COMPLETION

64TH STREET TO ARVEST BALLPARK

This project will complete the extension of Watkins Avenue west to an improved 64th Street. This project complements the extension of 64th Street south from Hwy 412 to the Don Tyson Parkway extension (64th Street Phase I and II). This project improves accessibility to a planned community college campus, an existing professional baseball stadium, and a children’s hospital that will open in January 2018.

It is projected this and 64th Street Phase I & II projects will lead to more than 800 new jobs over the next five years.

- Improved access to planned Northwest Arkansas Community College campus (1,400 students daily)
- Improved access to Arkansas Children’s Northwest hospital
- Improved access from Hwy 412 to four-lane crosstown Don Tyson Parkway
- Improved access to Arvest Ballpark, Class AA professional baseball stadium
- Improved access to 1,200-acre Master Planned multi-purpose development (retail, commercial, education, healthcare, office, single and multi-family residential)

This project includes improvements to an existing section of Watkins Avenue from the intersection with South 64th Street east to the western edge of the Arvest Ballpark property where Watkins Avenue tapers from four lanes to two lanes. The project includes approximately 1,300 linear feet of street improvements to the existing roadway.

STATEMENT OF PROBABLE CONSTRUCTION COSTS
Project 2 - Watkins Avenue - 64th Street to Arvest
Ballpark
CITY OF SPRINGDALE, ARKANSAS



STREET AND STORM DRAINAGE IMPROVEMENTS:

Item No.	Description	Quantity	Unit	Unit Price	Total Amount
1	Roadway Construction Control	1	LS	\$25,000.00	\$25,000.00
2	Trench and Excavation Safety System	1	LS	\$25,000.00	\$25,000.00
3	Clearing and Grubbing	1	LS	\$25,000.00	\$25,000.00
4	Site Preparation	1	LS	\$50,000.00	\$50,000.00
5	Excavation and Grading	3000	CY	\$9.50	\$28,500.00
6	Unclassified Excavation	1000	CY	\$8.00	\$8,000.00
7	Haul Off	2000	CY	\$16.00	\$32,000.00
8	Undercut and Backfill	2000	CY	\$22.00	\$44,000.00
9	Embankment	2000	CY	\$14.00	\$28,000.00
10	Subgrade Preparation	3000	SY	\$2.00	\$6,000.00
11	Rock Excavation	100	CY	\$100.00	\$10,000.00
12	Topsoil Placement	6000	SY	\$5.00	\$30,000.00
13	18" RCP	825	LF	\$45.00	\$37,125.00
14	24" RCP	600	LF	\$60.00	\$36,000.00
15	42" HE RCP	50	LF	\$175.00	\$8,750.00
16	18" Flared End Section	1	EA	\$600.00	\$600.00
17	Drop Inlets	14	EA	\$5,500.00	\$77,000.00
18	Concrete Headwall	2	EA	\$7,500.00	\$15,000.00
19	Class 7 Base Course 7" Thick	3500	SY	\$9.00	\$31,500.00
20	Asphaltic Concrete Surface Course PG 70-22 (2" Thick)	2750	SY	\$11.00	\$30,250.00
21	Asphaltic Concrete Binder Course PG 70-22 (4" Thick)	2750	SY	\$22.00	\$60,500.00
22	Concrete Combination Curb and Gutter	2700	LF	\$13.00	\$35,100.00
23	5' Concrete Sidewalk	735	SY	\$40.00	\$29,400.00
24	10' Concrete Trail	1470	SY	\$50.00	\$73,500.00
25	Concrete Driveway	80	SY	\$55.00	\$4,400.00
26	Driveway Removal	50	SY	\$65.00	\$3,250.00
27	Pavement Symbols (Thermoplastic)	5	EA	\$600.00	\$3,000.00
28	Crosswalks (Thermoplastic)	150	LF	\$35.00	\$5,250.00
29	Yield Bars (Thermoplastic)	25	LF	\$40.00	\$1,000.00
30	4" Striping (Thermoplastic)	1000	LF	\$2.00	\$2,000.00
31	Street Sign Installation and Relocation	8	EA	\$450.00	\$3,600.00
32	Erosion Control	1	LS	\$30,000.00	\$30,000.00
33	Traffic Control	1	LS	\$15,000.00	\$15,000.00
34	New Barb Wire Fence Installation	2600	LF	\$15.00	\$39,000.00
35	12' Tube Gate	3	EA	\$750.00	\$2,250.00

36	Handicap Ramps	4	EA	\$700.00	\$2,800.00
37	Project Sign	2	EA	\$750.00	\$1,500.00
38	6-6" Utility Ducts	150	LF	\$45.00	\$6,750.00
39	Scourstop Matting	150	SY	\$200.00	\$30,000.00
40	Energy Dissipater Pad (Concrete Ditch Paving)	150	SY	\$225.00	\$33,750.00
TOTAL STREET AND DRAINAGE IMPROVEMENTS					\$929,775.00
CONTINGENCY (15%)					\$139,466.25
TOTAL CONSTRUCTION COST					\$1,069,241.25
ENGINEERING (12%)					\$128,308.95
RIGHT-OF-WAY/EASEMENT ACQUISITION		0		S.F.	
*ALREADY ACQUIRED (\$2 per square foot)					\$0.00
UTILITY RELOCATION					\$150,000.00
TOTAL COST WITH ENGINEERING & RIGHT-OF-WAY/EASEMENT ACQUISITION					\$1,347,550.20

*CONTINGENT UPON CITY APPROVALS.

*ACTUAL AMOUNT OF ROCK EXCAVATION WILL NOT BE KNOWN UNTIL GEOTECHNICAL INVESTIGATION IS COMPLETED.

*TOTAL SIZE AND AMOUNT OF DRAINAGE NOT KNOWN UNTIL DRAINAGE STUDY IS COMPLETED.