

**CITY OF SPRINGDALE
Committee Agenda
Monday, April 29th, 2013
City Council Chambers
City Administration Building
Meetings begin at **5:30 p.m.****

Street & CIP Committee:

2012 Bond Program – Street Project Update presented by Alan Pugh, Director of Engineering.

Memo

To: Street & CIP Committee
From: Alan Pugh
Date: 4/26/2013
Re: 2012 Bond Program - Street Project Update

For your use and review, please find attached the following items:

- Conceptual alignment for each of the streets associated with the bond program
- Summary of the public comments received on the alignments
- Proposed project schedules
- Current estimate of cost
- Summary of the bond program budget

Public input sessions were held for each of the projects and along with the summary of comments; copies of the full comments are also attached. A large portion of the comments were very positive, however, there are some citizen concerns that staff and the design engineers are working to address. Staff would welcome any comments from the committee regarding the proposed alignments so that they can be addressed early in the design process.

Per the schedules attached, the projects are currently estimated to be bid in early to mid 2014 and be under construction shortly thereafter. This should allow at least a year for construction prior to end of the three year bond period. We anticipate most of the projects to be constructed in under a year, however, those with large structures may take over a year to construct.

The overall schedule will depend heavily on the right-of-way acquisition process. Staff is currently proposing to allow an acquisition firm to handle the acquisition process. This will help to ensure the overall project schedule is met as the acquisition process is the critical path to construction and can be extremely time consuming for staff to coordinate. Given the

number of projects, as well as the number of tracts involved, this method of acquisition is strongly encouraged by staff.

The overall budget for each of the projects has also been updated based on opinions of cost from the design firms. There have been allowances for materials testing and ROW acquisition added to these, however, note that these are preliminary estimates and will change based on the actual appraisals performed. These overall budget estimates have also been used to update the overall street bond program budget which is summarized as well. As you can see, we do anticipate some funds necessary from the CIP program in order to complete the projects currently under design. However, this was anticipated based on our original project design summary presented to committee in October of 2012.

The original estimate for the projects listed indicated approximately \$47.5-\$48 million and the current budget is closer to \$49 million. There are several items added to the projects contributing to this increase such as the multi-use trails, lighting, roundabouts, larger intersections based on traffic study as well as more ROW necessary due to the addition of these items.

Each of these items will be discussed in detail at our upcoming committee meeting. Staff, as well as the design engineers, will be on hand to answer questions.

Don Tyson Parkway Extension: Hylton Road to Habberton Road

Project Report

April 24, 2013

Summary of Public Comments from Public Meeting

No formal public comments were submitted from the March 14, 2013 public meeting. Almost everyone who attended the meeting seemed pleased with the road alignment.

Project Issues

Design is proceeding at a steady pace. One issue that has come up is the drainage at the intersection of the proposed Don Tyson Parkway extension and Habberton Road. Culverts are needed in this area on the west and east sides of Habberton Road. Due to existing gas and sewer lines, the culverts will either fall inside a gas easement, or under the proposed sidewalk, which would make future sidewalk construction problematic. We had also discussed installing a ditch on Horn Lane that would convey the 10-year storm to the existing ditch on Habberton Road. The proposed ditch would have to be 5 feet deep and 25 feet wide to convey the 10-year storm. A ditch of this size could potentially conflict with an existing sewer line.

Cost Estimate

The cost for this project is currently estimated at \$3,397,500. The most recent cost estimate is attached to this report.

Cost Estimate for Utility Relocation

Ozarks Electric has provided a utility relocation cost of \$3,400. I am waiting for cost estimates from Cox and Source Gas. I have contacted SBC and ATT but no one from either company has responded to me regarding their utilities. The cost for relocating a 2-inch water line on the west side of Habberton Road is \$20,000.

Right-of-Way

Approximately 2.5 acres of right-of-way need to be purchased. Approximately 0.39 acres will need to be purchased for utility easements. This does not include 0.36 acres of water line easement that will be purchased by Springdale Water Utilities for a proposed water line that will run on the south side of the proposed Don Tyson Parkway Extension.

Anticipated Project Schedule

The preliminary design phase of this project will be submitted to the City May 3, 2013. When the City has finished reviewing the submittal, a notice to proceed will be issued to USI to begin work on the final design phase. USI has 60 days from the notice to proceed to submit the final design to the City. Allowing 3-6 months for right-of-way acquisition after the final design is accepted by the City, construction could begin in January, 2014.

PRELIMINARY COST ESTIMATE
DON TYSON PARKWAY - HYLTON RD TO HABBERTON RD

SCHEDULE A - ROADWAY CONSTRUCTION

Item Number	Estimated Quantity	Unit	Description	Unit Price	Amount
1.	1	LS	General Conditions & Mobilization (Not to Exceed 5% of the Total Amount of Schedule A)	\$ 110,420.00	\$ 110,420.00
2.	1	LS	Trench and Excavation Safety Systems	\$ 5,000.00	\$ 5,000.00
3.	1	LS	Roadway Construction Control	\$ 25,000.00	\$ 25,000.00
4.	1	LS	Clearing and Grubbing	\$ 16,000.00	\$ 16,000.00
5.	15,000	CY	*Undercut and Backfill	\$ 15.00	\$ 225,000.00
6.	6,000	CY	Unclassified Excavation (Plan Quantity)	\$ 5.00	\$ 30,000.00
7.	6,000	CY	Embankment (Plan Quantity)	\$ 6.00	\$ 36,000.00
8.	20,400	SY	Subgrade Preparation (Plan Quantity)	\$ 2.00	\$ 40,800.00
9.	8,200	LF	Curb Backfill and Grading	\$ 5.00	\$ 41,000.00
10.	4,600	SY	4" Topsoil Placement	\$ 3.00	\$ 13,800.00
11.	2,300	LF	18" R.C. Pipe, Class III	\$ 70.00	\$ 161,000.00
12.	100	LF	36" R.C. Pipe, Class III	\$ 140.00	\$ 14,000.00
13.	2	EA	18" R.C. Flared End Section	\$ 1,750.00	\$ 3,500.00
14.	2	EA	36" R.C. Flared End Section	\$ 3,500.00	\$ 7,000.00
15.	280	LF	Cast In Place 6' X 4' Box Culvert	\$ 900.00	\$ 252,000.00
16.	19	EA	4-ft. Dia. Drop Inlet	\$ 4,000.00	\$ 76,000.00
17.	100	SY	Concrete Channel Paving	\$ 75.00	\$ 7,500.00
18.	500	SY	*Erosion Control Fabric	\$ 6.00	\$ 3,000.00
19.	100	SY	*Grouted Rip Rap	\$ 65.00	\$ 6,500.00
20.	20,700	SY	12" Depth Aggregate Base Course	\$ 7.50	\$ 155,250.00
21.	20,700	SY	Tack Coat	\$ 0.50	\$ 10,350.00
22.	20,700	SY	Prime Coat	\$ 1.00	\$ 20,700.00
23.	3,450	TON	3" Depth Asphalt Concrete Hot Mix Surface Course	\$ 100.00	\$ 345,000.00
24.	3,450	TON	3" Depth Asphalt Concrete Hot Mix Binder Course	\$ 90.00	\$ 310,500.00
25.	8,200	LF	Concrete Curb and Gutter	\$ 17.00	\$ 139,400.00
26.	4,350	SY	4" Depth Concrete Sidewalk or Trail	\$ 32.00	\$ 139,200.00
27.	100	SY	*Concrete Driveway	\$ 45.00	\$ 4,500.00
28.	120	SY	Concrete Driveway Apron	\$ 45.00	\$ 5,400.00
29.	100	SY	*Asphalt / Concrete Driveway Removal	\$ 20.00	\$ 2,000.00
30.	1	ACRE	*Seeding	\$ 3,000.00	\$ 3,000.00
31.	5,200	SY	Sodding	\$ 4.00	\$ 20,800.00
32.	12,000	LF	4" Striping (Thermoplastic)	\$ 1.00	\$ 12,000.00
33.	225	LF	12" Striping for Stop Bars (Thermoplastic)	\$ 4.00	\$ 900.00
34.	48	EA	Pavement Symbols & Words (Thermoplastic)	\$ 250.00	\$ 12,000.00
35.	700	LF	Crosswalk (Thermoplastic)	\$ 7.00	\$ 4,900.00
36.	6	EA	Roadway Lighting	\$ 5,000.00	\$ 30,000.00
37.	100	SF	Permanent Regulatory Signs	\$ 50.00	\$ 5,000.00
38.	77	EA	Trees	\$ 250.00	\$ 19,250.00
39.	1	LS	Erosion Control	\$ 15,000.00	\$ 15,000.00
40.	1	LS	Traffic Control	\$ 5,000.00	\$ 5,000.00
40.	100	SY	Handicap Ramp Concrete	\$ 60.00	\$ 6,000.00
41.	264	SF	Cast-in-Place Tactile Panel	\$ 25.00	\$ 6,600.00
42.	1	LS	Electric Relocation	\$ 3,400.00	\$ 3,400.00
43.	1,000	LF	Water Line Relocation	\$ 20.00	\$ 20,000.00
TOTAL SCHEDULE 'A' ESTIMATE				\$	2,369,670.00

*To Be Used Only at the Direction of the Engineer.

SCHEDULE B - INTERSECTION SIGNALIZATION AT HYLTON RD

Item No.	Estimated Quantity	Unit	Description	Unit Price	Amount
1	1	LS	Mobilization (Not to exceed 3% of Schedule B)	\$ 4,857.00	\$ 4,857.00
2	1	EA	System Local Controller (8-Phases) w/ Battery Backup	\$ 24,000.00	\$ 24,000.00
3	1	LS	4-Camera Video Detection System	\$ 43,000.00	\$ 43,000.00
4	8	EA	Traffic Signal Head, LED (1-Way, 3-Section)	\$ 600.00	\$ 4,800.00
5	2	EA	Traffic Signal Head, LED (1-Way, 4-Section)	\$ 750.00	\$ 1,500.00
6	8	EA	Pedestrian Signal Head, LED (Countdown)	\$ 550.00	\$ 4,400.00
7	1,250	LF	Traffic Signal Cable (5C/14 AWG)	\$ 1.50	\$ 1,875.00
8	3,400	LF	Traffic Signal Cable (7C/14 AWG)	\$ 1.75	\$ 5,950.00
9	620	LF	Luminaire Cable (2C/12 w/Ground)	\$ 1.40	\$ 868.00
10	4	EA	Luminaire Assembly (Cobra Head LED)	\$ 1,500.00	\$ 6,000.00
11	380	LF	PVC Conduit (3" Bored)	\$ 25.00	\$ 9,500.00
12	150	LF	PVC Conduit (3" Trenched)	\$ 15.00	\$ 2,250.00
13	4	EA	Concrete Pull Box	\$ 550.00	\$ 2,200.00
14	2	EA	Traffic Sig. M.A. & Pole W/Fdn. (30' Pole, 40 T.S. & 10' Lum.)	\$ 12,500.00	\$ 25,000.00
15	2	EA	Traffic Sig. M.A. & Pole W/Fdn. (30' Pole, 46 T.S. & 10' Lum.)	\$ 13,500.00	\$ 27,000.00
16	440	LF	Electrical Conductors in Conduit (1C/8 AWG, EGC)	\$ 1.50	\$ 660.00
17	150	LF	Electrical Conductors in Conduit (2C/6 AWG)	\$ 3.50	\$ 525.00
18	1	EA	Service Point Assembly	\$ 1,000.00	\$ 1,000.00
19	1	EA	Tomar Pre-Emption Card (4-Channel)	\$ 3,100.00	\$ 3,100.00
20	1	EA	Tomar Pre-Emption Card Rack Cage	\$ 400.00	\$ 400.00
21	4	EA	Tomar Pre-Emption Detector	\$ 600.00	\$ 2,400.00
22	810	LF	Tomar Pre-Emption Detector Cable	\$ 1.50	\$ 1,215.00
23	2	EA	Regulatory Signs (Mast Arm Mounted)	\$ 250.00	\$ 500.00
24	4	EA	Street Name Signs (Mast Arm Mounted)	\$ 500.00	\$ 2,000.00
TOTAL SCHEDULE 'B' ESTIMATE				\$	175,000.00

*To Be Used Only at the Direction of the Engineer.

SCHEDULE C - INTERSECTION SIGNALIZATION AT HABBERTON RD

Item No.	Estimated Quantity	Unit	Description	Unit Price	Amount
1	1	LS	Mobilization (Not to exceed 3% of Schedule B)	\$ 4,065.00	\$ 4,065.00
2	1	EA	System Local Controller (8-Phases) w/ Battery Backup	\$ 24,000.00	\$ 24,000.00
3	1	LS	3-Camera Video Detection System	\$ 43,000.00	\$ 43,000.00
4	7	EA	Traffic Signal Head, LED (1-Way, 3-Section)	\$ 600.00	\$ 4,200.00
5	6	EA	Pedestrian Signal Head, LED (Countdown)	\$ 550.00	\$ 3,300.00
6	1,000	LF	Traffic Signal Cable (5C/14 AWG)	\$ 1.50	\$ 1,500.00
7	2,400	LF	Traffic Signal Cable (7C/14 AWG)	\$ 1.75	\$ 4,200.00
8	400	LF	Luminaire Cable (2C/12 w/Ground)	\$ 1.50	\$ 600.00
9	3	EA	Luminaire Assembly (Cobra Head LED)	\$ 1,500.00	\$ 4,500.00
10	280	LF	PVC Conduit (3" Bored)	\$ 25.00	\$ 7,000.00
11	70	LF	PVC Conduit (3" Trenched)	\$ 15.00	\$ 1,050.00
12	4	EA	Concrete Pull Box	\$ 550.00	\$ 2,200.00
13	2	EA	Traffic Sig. M.A. & Pole W/Fdn. (30' Pole, 40 T.S. & 10' Lum.)	\$ 12,500.00	\$ 25,000.00
14	1	EA	Traffic Sig. M.A. & Pole W/Fdn. (30' Pole, 46 T.S. & 10' Lum.)	\$ 13,500.00	\$ 13,500.00
15	1	EA	Traf. Sign. Pedestal Pole W/Fdn. (15')	\$ 2,000.00	\$ 2,000.00
16	440	LF	Electrical Conductors in Conduit (1C/8 AWG, EGC)	\$ 1.50	\$ 660.00
17	150	LF	Electrical Conductors in Conduit (2C/6 AWG)	\$ 3.50	\$ 525.00
18	1	EA	Service Point Assembly	\$ 1,000.00	\$ 1,000.00
19	1	EA	Tomar Pre-Emption Card (4-Channel)	\$ 3,100.00	\$ 3,100.00
20	1	EA	Tomar Pre-Emption Card Rack Cage	\$ 400.00	\$ 400.00
21	3	EA	Tomar Pre-Emption Detector	\$ 600.00	\$ 1,800.00
22	600	LF	Tomar Pre-Emption Detector Cable	\$ 1.50	\$ 900.00
23	3	EA	Street Name Signs (Mast Arm Mounted)	\$ 500.00	\$ 1,500.00
TOTAL SCHEDULE 'C' ESTIMATE				\$	150,000.00

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COST ESTIMATE SUMMARY	
CONSTRUCTION COST (SCHEDULES A + B + C)	\$2,694,670.00
ENGINEERING	\$433,360
CONTINGENCY (10%)	\$269,470
TOTAL ESTIMATED PROJECT COST	\$3,397,500



DON TYSON PARKWAY WIDENING SOUTH 40TH STREET TO CARLEY ROAD



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Springdale Bond Project Status Report

Don Tyson Parkway (40th Street to Carley Road)

Springdale Bond Project No. 12BPS3

USI Project No. 1309001.00

Date: April 23, 2013

Summary of Public Meeting & Comments

A public meeting was held on March 28, 2013 to inform the public of the proposed widening of Don Tyson Parkway from 40th Street to Carley Road and to provide an opportunity for them to ask questions or submit comments on the conceptual design of the project. There were 32 people who signed in during the meeting, most of whom were very supportive of the project with only a few individuals that voiced concerns. Only one individual submitted written comment at the meeting however a number of the adjacent property owners attended but preferred to take a comment form with them to complete later. To date we have received four written comments and they are summarized as follows:

- **Submitted By: Mariano Herrera**
Mr. Herrera lives at 3461 W. Don Tyson Parkway which is on the south side of the roadway. Mr. Herrera is concerned about his children crossing the five-lane roadway every morning and afternoon to get to and from their school bus stop which is located on Hamm Lane. He asks that a traffic signal or a mid-block pedestrian crossing be considered near Hamm Lane. Mr. Herrera added that he really liked the concept of a shared driveway for accessing his and his neighbors' property.
- **Submitted By: Michael and Shawn Mckim**
The Mckim's live at 3506 Hamm Lane and the back side their property borders the North right of way line of Don Tyson Parkway. The Mckim's first concern is with the intersection site distance for vehicles turning onto Don Tyson Parkway from Hamm Lane. They state that it is very difficult to see vehicles traveling westbound on Don Tyson Parkway from the intersection at Hamm Lane due to the existing terrain, curve in the roadway alignment, and the retaining wall located on the property at the corner of Don Tyson Parkway and Raymond Lane. Their second concern is with noise generated by traffic on Don Tyson Parkway. They would like the City to include into this project measures that will minimize any additional noise that may be generated by an increase in traffic volume due to the addition of the interchange at I-540 and widening of Don Tyson Parkway.
The Mckim's included in their comment letter four options to address these concerns that they would like the City to consider including in the design and construction of this project. A copy of their letter is attached for reference.

- **Submitted By: Robert Carter**

Mr. Carter is the owner of the property at 3297 W. Don Tyson Parkway. A comment letter from Mr. Carter is attached to this report. A summary of his concerns is as follows:

- The roadway widening will reduce the parking area in the driveway. It was stated that they currently park up to 3 cars and one truck with a trailer. Mr. Carter said that the tenants of the property must be able to park their truck and trailer on the property as it is essential to their livelihood.
- The existing driveway has an area on one side that allows a vehicle to turn around in the driveway in order to pull out onto Don Tyson Parkway forward instead of back into traffic. Mr. Carter is concerned that the widening of the roadway will eliminate the turn around.
- Mr. Carter said that his biggest concern is the slope of the driveway which in his opinion is already too steep and with the widening of the roadway it will become even steeper.
- During a meeting with City staff and Mr. Carter onsite, he added that there is already a drainage issue with water ponding at the end of the driveway in front of the house.

- **Submitted By: Gary King**

Mr. King is the owner of the property at 3367 W. Don Tyson Parkway. Mr. King has expressed to City Staff that he does not like the shared driveway access to the back of his property and would prefer that his driveway remain in front of his house with direct access onto Don Tyson Parkway if at all possible.

Project Notes

The conceptual design phase has been completed on this project. A notice to proceed has not been issued for USI to begin working on the preliminary design. No changes to the plans have been made due to the above public comments but USI and City staff have discussed various options for addressing some of them. Any changes to the plans in response to these comments will be made in the preliminary design and may vary based on what decisions are made regarding right-of-way & property acquisition.

Meetings with all utility companies have been held. Currently, nearly all private utilities will be relocated to the north side of the roadway. The water and sewer will likely be relocated to the north side as well for the west half of the project and on the south side of the roadway for the east half.

Estimated Right-of-Way and Easement Areas Required

Right-of-Way.....1.0 Acre
Utility Easement.....1.6 Acre
Temp. Const. Easement.....0.5 Acre

Opinion of Probable Cost

The total cost associated with this project is currently estimated at \$2,660,000. This estimated project cost is based on the conceptual phase design and will change as we progress with more detailed design in the following phases. See the attached cost estimate for a more detailed breakdown of the cost included in this estimated total.

Anticipated Project Schedule

The conceptual phase of this project has been completed and all required deliverables have been submitted and reviewed by City staff. Upon issuance of the notice to proceed with the preliminary design phase, USI will begin work on the preliminary design which must be complete within 90 days from the notice to proceed. Once the City has reviewed and approved the preliminary design, a notice to proceed will be issued to USI to begin work on the final design phase. USI will have 60 days from the notice to proceed to complete the final design and submit it to the City. Assuming a notice to proceed with the next design phase is issued in early May, 2013 and allowing 6 months for easement acquisition after the final design is completed, the estimated construction start date would be March, 2014.

**OPINION OF PROBABLE CONSTRUCTION COST - CONCEPTUAL DESIGN PHASE
DON TYSON PARKWAY WIDENING - 40TH STREET TO CARLEY ROAD**

SCHEDULE A - ROADWAY CONSTRUCTION

Item Number	Estimated Quantity	Unit	Description	Unit Price	Amount
1	1	LS	General Conditions & Mobilization (Not to Exceed 5% of the Total Amount of Schedule A)	\$ 68,385.00	\$ 68,385.00
2	1	LS	Trench and Excavation Safety Systems	\$ 5,000.00	\$ 5,000.00
3	1	LS	Roadway Construction Control	\$ 25,000.00	\$ 25,000.00
4	3,500	SY	*Cold Milling Existing HMA Surface	\$ 12.00	\$ 42,000.00
5	1,000	CY	*Undercut and Backfill	\$ 15.00	\$ 15,000.00
6	2,000	CY	Unclassified Excavation (Plan Quantity)	\$ 5.00	\$ 10,000.00
7	2,500	CY	Embankment (Plan Quantity)	\$ 6.00	\$ 15,000.00
8	7,000	SY	Subgrade Preparation (Plan Quantity)	\$ 2.00	\$ 14,000.00
9	2,150	LF	Curb Backfill and Grading	\$ 5.00	\$ 10,750.00
10	4,600	SY	4" Topsoil Placement	\$ 3.00	\$ 13,800.00
11	880	LF	18" R.C. Pipe, Class III	\$ 70.00	\$ 61,600.00
12	75	LF	24" R.C. Pipe, Class III	\$ 90.00	\$ 6,750.00
13	270	EA	30" R.C. Pipe, Class III	\$ 110.00	\$ 29,700.00
14	1	LS	Demolition (Existing Curb, Sidewalk, Storm Sewer & Inlet Boxes)	\$ 35,000.00	\$ 35,000.00
15	1,000	LF	Backfill Existing Storm Sewer Trench and Inlet Boxes	\$ 10.00	\$ 10,000.00
16	40	LF	Cast In Place Double 6' X 2.5' Box Culvert w/ Wingwalls & Appurtenances	\$ 750.00	\$ 30,000.00
17	11	EA	4-ft. Dia. Drop Inlet (Type MO)	\$ 4,000.00	\$ 44,000.00
18	200	SY	Concrete Channel Paving	\$ 35.00	\$ 7,000.00
19	500	SY	*Erosion Control Fabric	\$ 6.00	\$ 3,000.00
20	100	SY	*Grouted Rip Rap	\$ 65.00	\$ 6,500.00
21	7,000	SY	12" Depth Aggregate Base Course	\$ 7.50	\$ 52,500.00
22	3,500	SY	Tack Coat	\$ 0.50	\$ 1,750.00
23	6,100	SY	Prime Coat	\$ 1.00	\$ 6,100.00
24	2,800	TON	Asphalt Concrete Hot Mix Surface Course	\$ 100.00	\$ 280,000.00
25	1,900	TON	Asphalt Concrete Hot Mix Binder Course	\$ 90.00	\$ 171,000.00
26	2,900	LF	Concrete Curb and Gutter	\$ 17.00	\$ 49,300.00
27	11,500	SF	Segmental Block Retaining Wall	\$ 30.00	\$ 345,000.00
28	1,600	SY	4" Depth Concrete Sidewalk	\$ 32.00	\$ 51,200.00
29	300	SY	*Concrete Driveway	\$ 45.00	\$ 13,500.00
30	300	SY	*Asphalt / Concrete Driveway Removal	\$ 20.00	\$ 6,000.00
31	3,000	SY	Sodding	\$ 4.00	\$ 12,000.00
32	9,500	LF	4" Skip Striping (Thermoplastic)	\$ 0.55	\$ 5,225.00
33	5,500	LF	4" Striping (Thermoplastic)	\$ 1.00	\$ 5,500.00
34	60	LF	12" Striping for Stop Bars (Thermoplastic)	\$ 4.00	\$ 240.00
35	20	EA	Pavement Symbols & Words (Thermoplastic)	\$ 250.00	\$ 5,000.00
36	300	LF	Crosswalk (Thermoplastic)	\$ 7.00	\$ 2,100.00
37	20	SF	Permanent Regulatory Signs	\$ 50.00	\$ 1,000.00
38	1	LS	SWPPP	\$ 15,000.00	\$ 15,000.00
39	1	LS	Traffic Control	\$ 5,000.00	\$ 5,000.00
40	10	SY	Handicap Ramp Concrete	\$ 60.00	\$ 600.00
41	20	SF	Cast-in-Place Tactile Panel	\$ 25.00	\$ 500.00
TOTAL SCHEDULE 'A' ESTIMATE				\$	1,481,000.00

*To Be Used Only at the Direction of the Engineer.

SCHEDULE B - INTERSECTION SIGNALIZATION @ 40TH STREET

Item No.	Estimated Quantity	Unit	Description	Unit Price	Amount
42	1	LS	Mobilization (Not to exceed 3% of Schedule B)	\$ 4,857.00	\$ 4,857.00
43	1	EA	System Local Controller (8-Phases) w/ Battery Backup UPS	\$ 24,000.00	\$ 24,000.00
44	1	LS	4-Camera Video Detection System	\$ 43,000.00	\$ 43,000.00
45	8	EA	Traffic Signal Head, LED (1-Way, 3-Section)	\$ 600.00	\$ 4,800.00
46	2	EA	Traffic Signal Head, LED (1-Way, 4-Section)	\$ 750.00	\$ 1,500.00
47	8	EA	Pedestrian Signal Head, LED (Countdown)	\$ 550.00	\$ 4,400.00
48	1,250	LF	Traffic Signal Cable (5C/14 AWG)	\$ 1.50	\$ 1,875.00
49	3,400	LF	Traffic Signal Cable (7C/14 AWG)	\$ 1.75	\$ 5,950.00
50	820	LF	Luminaire Cable (2C/12 w/Ground)	\$ 1.40	\$ 868.00
51	4	EA	Luminaire Assembly (Cobra Head LED)	\$ 1,500.00	\$ 6,000.00
52	380	LF	PVC Conduit (3" Bored)	\$ 25.00	\$ 9,500.00
53	150	LF	PVC Conduit (3" Trenched)	\$ 15.00	\$ 2,250.00
54	4	EA	Concrete Pull Box	\$ 550.00	\$ 2,200.00
55	2	EA	Traffic Sig. M.A. & Pole W/Fdn. (30' Pole, 40 T.S. & 10' Lum.)	\$ 12,500.00	\$ 25,000.00
56	2	EA	Traffic Sig. M.A. & Pole W/Fdn. (30' Pole, 46 T.S. & 10' Lum.)	\$ 13,500.00	\$ 27,000.00
57	440	LF	Electrical Conductors in Conduit (1C/8 AWG, EGC)	\$ 1.50	\$ 660.00
58	150	LF	Electrical Conductors in Conduit (2C/6 AWG)	\$ 3.50	\$ 525.00
59	1	EA	Service Point Assembly	\$ 1,000.00	\$ 1,000.00
60	1	EA	Tomar Pre-Emption Card (4-Channel)	\$ 3,100.00	\$ 3,100.00
61	1	EA	Tomar Pre-Emption Card Rack Cage	\$ 400.00	\$ 400.00
62	4	EA	Tomar Pre-Emption Detector	\$ 600.00	\$ 2,400.00
63	810	LF	Tomar Pre-Emption Detector Cable	\$ 1.50	\$ 1,215.00
64	2	EA	Regulatory Signs (Mast Arm Mounted)	\$ 250.00	\$ 500.00
65	4	EA	Street Name Signs (Mast Arm Mounted)	\$ 500.00	\$ 2,000.00
TOTAL SCHEDULE 'B' ESTIMATE				\$	175,000.00

*To Be Used Only at the Direction of the Engineer.

SCHEDULE C - UTILITY CONSTRUCTION

Item No.	Estimated Quantity	Unit	Description	Unit Price	Amount
66	1	LS	Mobilization (Not to exceed 3% of Schedule C)	\$ 9,800.00	\$ 9,800.00
67	1	LS	Trenching & Excavation Safety Systems	\$ 3,000.00	\$ 3,000.00
68	300	LF	4" PVC Pipe for Sewer Service Repair	\$ 40.00	\$ 12,000.00
69	2,000	LF	8" Gravity Sewer Pipe (SDR-26 PVC)	\$ 55.00	\$ 110,000.00
70	10	EA	4' Dia. Cast in Place Sewer Manholes	\$ 2,500.00	\$ 25,000.00
71	2	EA	Connection to Existing Manhole	\$ 2,000.00	\$ 4,000.00
72	1	LS	Abandon Existing Sewer Lines	\$ 4,000.00	\$ 4,000.00
73	10	EA	Abandon/Remove & Dispose of Existing Manholes	\$ 1,500.00	\$ 15,000.00
74	1,000	LF	HDPE Water Service Tubing	\$ 18.00	\$ 18,000.00
75	500	LF	12" Waterline (C-900 PVC)	\$ 80.00	\$ 40,000.00
76	500	LB	Ductile Iron Fittings for Water Lines	\$ 6.00	\$ 3,000.00
77	2	EA	Fire Hydrant Assembly	\$ 3,600.00	\$ 7,200.00
78	4	EA	Connect to Existing 12" Water Line	\$ 5,000.00	\$ 20,000.00
79	15	EA	Water Meter Setting	\$ 900.00	\$ 13,500.00
80	2,300	LF	3" PVC Conduit	\$ 15.00	\$ 34,500.00
81	1	LS	Telephone, Cable & Electric Utilities Relocation (Above Ground)	\$ 70,000.00	\$ 70,000.00
82	1	LS	Gas Utilities Relocation	\$ 30,000.00	\$ 30,000.00
TOTAL SCHEDULE 'C' ESTIMATE				\$	419,000.00

*To Be Used Only at the Direction of the Engineer.

COST ESTIMATE SUMMARY

CONSTRUCTION COST (SCHEDULES A + B + C)	\$2,075,000
ENGINEERING	\$381,500
CONTINGENCY	\$203,500
TOTAL ESTIMATED PROJECT COST	\$2,660,000

**Don Tyson Parkway
40th Street to Carley Road Widening
Bond Project #12BPS3**

Date: Thursday March 28, 2013

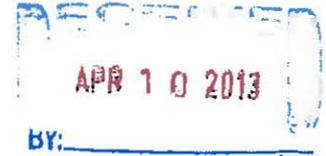
Name: ~~Adriana~~ Mariana Herrera

Comments: I am concern about my children having to cross a five lane street to get to the other side every morning for school. Their bus stop is on "Ham street" on the opisite side of our house 3461 w. Don Tyson. IS there any posible way to get any stop lights near by or ~~more~~ cross lines to have them cross to the other side. I really like the idea of the small drive way that goes into the back of the houses since they are taking most of my front yard where we usually park.

Please return comments to USI Consulting Engineers, Inc
4847 Kaylee Ave., Suite B
Springdale, AR 72762
P: 479-872-7115
F: 479-872-7118
springdale@usi-ce.com

Don Tyson Parkway
40th Street to Carley Road Widening
Bond Project #12BPS3

Date: Thursday March 28, 2013



Name: MICHAEL WILKIN

Comments: PLEASE SEE ENCLOSED DOCUMENT.

Please return comments to USI Consulting Engineers, Inc
4847 Kaylee Ave., Suite B
Springdale, AR 72762
P: 479-872-7115
F: 479-872-7118
springdale@usi-ce.com

USI consulting Engineers, Inc
4847 Kaylee Ave., Suite B
Springdale, AR 72762

Michael and Shawn McKim
3506 Hamm Lane
Springdale Arkansas 72762
Phone: 479 756-5992
Email: mikemckm@cox.net

I am writing concerning the lane additions on Don Tyson Parkway between Carley Road and 40th Street. I live on Hamm Lane which enters Don Tyson Parkway from the north between tract #13 and Tract #14 as referenced on the map of proposed changes presented to the public on March 28, 2013. Currently, when my neighbors and I approach Don Tyson Parkway and attempt to enter traffic, we are presented with a poor view of oncoming traffic to the east (traffic coming from Carley Road). The curve of the road, terrain and the retaining wall on tract #14 all lead to a very dangerous intersection from which to enter Don Tyson Parkway. I ask that the City Planning Commission correct this situation during this planning phase of the lane additions to Don Tyson Parkway by moving the entrance to Hamm Lane further south to allow for a better view of oncoming traffic. A diagram is attached for your reference.



My second concern is the inability to block the noise from the additional traffic that will be inevitable with the construction of the additional lanes and the interchange at Don Tyson Parkway and interstate 540. I ask that the City Planning Commission address these noise issues during this planning phase of the lane additions to Don Tyson Parkway by any means, including the following:

- a. Bury the existing utilities located on the north side of Don Tyson Parkway to allow home owners to plant trees/shrubs.
- b. Use any additional areas gained by correcting the oncoming traffic issues on Hamm Lane for the planting of trees along the north side of Don Tyson Parkway.
- c. With the understanding that the Mayor has expressed interest in purchasing property on the south side of Don Tyson Parkway between Barnett Lane and Carley Road, move the utility poles to the south side of Don Tyson Parkway between Barnett Lane and Carley Road.
- d. Construct a sound barrier to protect homes and neighborhoods.

Please contact me for any additional information. Thank you for your service to our community. I look forward to this expansion and the future growth of our city.

Sincerely,

Michael and Shawn McKim

4/8/13

To whom it may concern:

These are some of my concerns with the widening of Don Tyson Parkway affecting my house at 3297 W. Don Tyson Parkway, Springdale, Arkansas:

The additional land needed to widen the parkway will reduce the number of parking spaces in the driveway. Right now we can park 3 cars and a truck with trailer in the drive in front of the house.

This loss of driveway area will eliminate the use of the turn around area needed to drive forward out onto the parkway instead of backing out into the parkway. This is important especially during high traffic volume times of the day. This traffic volume will only increase with the connection to I-540.

I have a verbal agreement with my neighbor, Charles Redding, to use his land to drive and back a trailer into the backyard. If Mr. Redding or future owners of his property decide to erect a fence along the west side of my house then that access will be cut off. This truck and trailer parking area is essential to the livelihood of the occupants of the house. With the loss of driveway parking and without this access we would not have enough room for parking the truck and trailer in the proposed driveway area.

The most crucial concern I have is with the slope of the driveway after the widening of the parkway. This slope is already a concern when exiting the driveway onto Don Tyson Parkway and this slope will be at an even greater angle with the widening of the parkway. The steepness of any driveway can be a safety issue with visibility and wintery driving conditions.

I question how anyone will be able to safely back out across 2 lanes of traffic into a turning lane from a blind driveway to proceed west on Don Tyson Parkway.

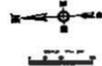
Will the speed limit remain at 35 MPH? Raising the speed limit to 45 MPH will only exacerbate any safety problem.

Sincerely,

Robert Carter



- LEGEND**
- EXISTING RIGHT OF WAY
 - PROPOSED RIGHT OF WAY
 - EXISTING EASEMENTS
 - EXISTING PROPERTY BOUNDARIES
 - EXISTING POWER LINE, POLE AND GUY WIRE
 - PROPOSED STREET MARKING
 - PROPOSED CURB&GUT
 - PROPOSED STREET LIGHT



TYPICAL PROPOSED 56TH STREET SECTION
(FACING SOUTH & EXISTING POWER POLE)



TYPICAL PROPOSED 56TH STREET SECTION
(FACING SOUTH)



56TH STREET IMPROVEMENTS
SPRINGDALE, ARKANSAS
SCALE: 1"=50' DATE: FEBRUARY 2013 DRAWN BY: JC
ENGINEERING SERVICES, INCORPORATED
SPRINGDALE, ARKANSAS
PROJECT NO: 56TH ST IMPR NO. 13041 SHEET 2



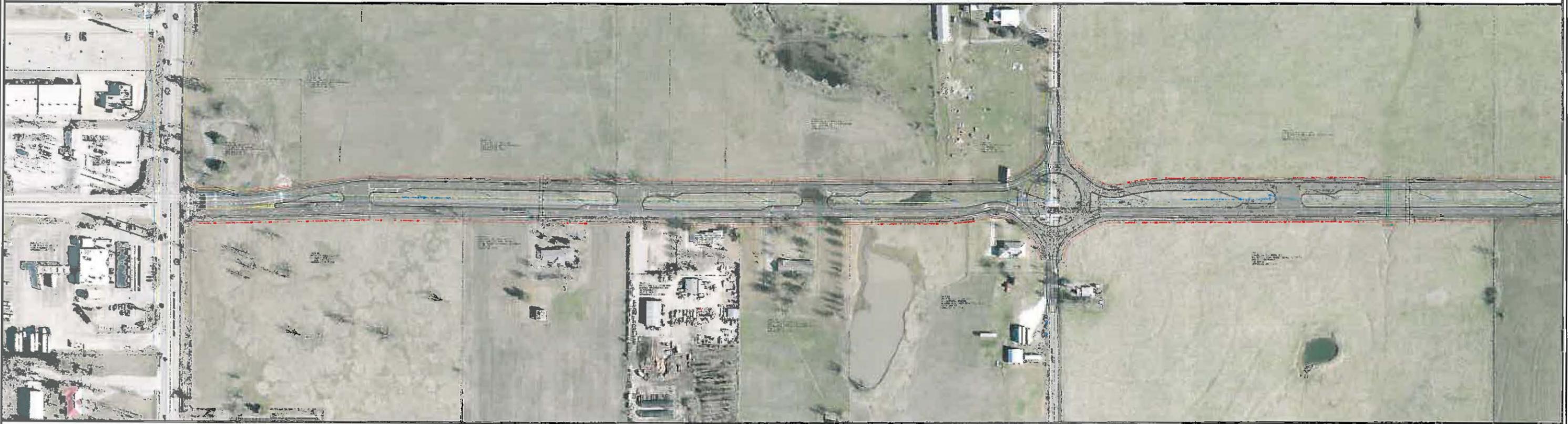
- LEGEND**
- EXISTING RIGHT OF WAY
 - PROPOSED RIGHT OF WAY
 - EXISTING PARCELS/LOTS
 - EXISTING PROPERTY BOUNDARIES
 - EXISTING POWER LINES, POLE AND RUY WIRE
 - PROPOSED STORM DRAINAGE
 - PROPOSED CURBS
 - PROPOSED STREET LIGHT



TYPICAL PROPOSED 56TH STREET SECTION
(EACH SIDE OF CENTRAL PARK PLAZA)



TYPICAL PROPOSED 56TH STREET SECTION
(EACH SIDE)



56TH STREET IMPROVEMENTS
 SPRINGDALE, ARKANSAS
 SCALE: 1"=50' (SEE TYPICALS) DATE: 10/2011
 ENGINEERING SERVICES, INCORPORATED
 SPRINGDALE, ARKANSAS
 PROJECT NO. 10011 SHEET 1



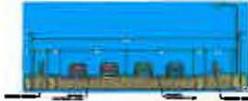
- LEGEND**
- EXISTING RIGHT OF WAY
 - PROPOSED RIGHT OF WAY
 - EXISTING EASEMENTS
 - EXISTING PROPERTY BOUNDARIES
 - EXISTING POWER LINE, POLE AND GUY WIRE
 - PROPOSED STORM DRAINAGE
 - PROPOSED CURB/NOSE
 - PROPOSED STREET LIGHTS



TYPICAL PROPOSED 56TH STREET SECTION
(CROSS SECTION THROUGH I-49 AND I-49 SERVICE DRIVE SECTION)



TYPICAL PROPOSED 56TH STREET SECTION
(TYPICAL IN NEW PALMS SOUTH)



TYPICAL PROPOSED 56TH STREET SECTION
(CROSS SECTION THROUGH HAYMAK (SHOPPING CENTER))



TYPICAL PROPOSED 56TH STREET SECTION
(CROSS SECTION THROUGH PARKERS PLACE SUBDIVISION)



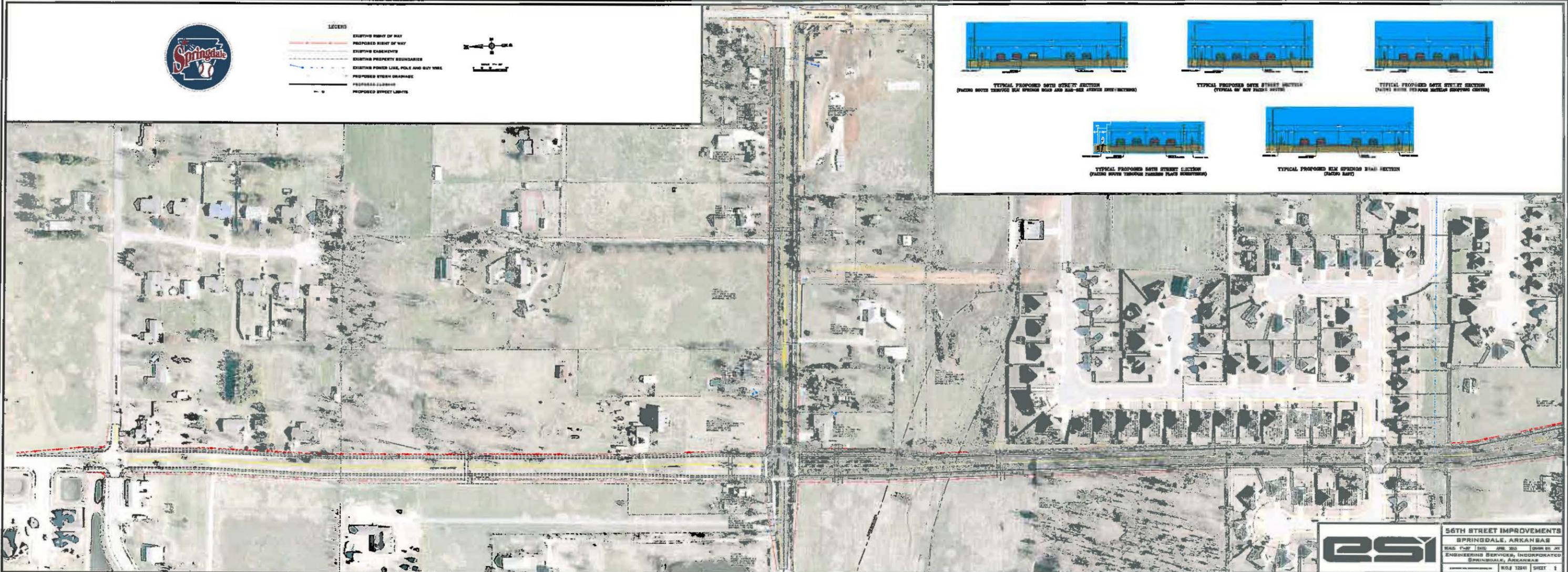
TYPICAL PROPOSED KIM SPRING ROAD SECTION
(CROSS SECTION)



56TH STREET IMPROVEMENTS
 SPRINGDALE, ARKANSAS
 SCALE: 1"=40' (5000) APR. 2015 DRAWN BY: JG
 ENGINEERING SERVICES, INCORPORATED
 SPRINGDALE, ARKANSAS
 PROJECT NO. 15041 SHEET 2



- LEGEND**
- EXISTING RIGHT OF WAY
 - PROPOSED RIGHT OF WAY
 - EXISTING EASEMENTS
 - EXISTING PROPERTY BOUNDARIES
 - EXISTING POWER LINE, POLE AND GUY WIRE
 - PROPOSED STORM DRAINAGE
 - PROPOSED CURBLINE
 - PROPOSED STREET LIGHTS



TYPICAL PROPOSED 56TH STREET SECTION
(FACING SOUTH THROUGH OAK SPRINGS ROAD AND OAK-SIDE AVENUE DRIVE/HIGHWAY)



TYPICAL PROPOSED 56TH STREET SECTION
(FACING NORTH THROUGH OAK SPRINGS ROAD)



TYPICAL PROPOSED 56TH STREET SECTION
(FACING SOUTH THROUGH OAK SPRINGS ROAD AND OAK-SIDE AVENUE DRIVE/HIGHWAY)



TYPICAL PROPOSED 56TH STREET SECTION
(FACING SOUTH THROUGH OAK SPRINGS ROAD AND OAK-SIDE AVENUE DRIVE/HIGHWAY)



TYPICAL PROPOSED 56TH STREET SECTION
(FACING NORTH THROUGH OAK SPRINGS ROAD)



56TH STREET IMPROVEMENTS
 SPRINGDALE, ARKANSAS
 56th St. 12th Ave. 200' 200' 200' 200' 200' 200'
 ENGINEERING SERVICES, INCORPORATED
 SPRINGDALE, ARKANSAS
 NO. 12541 SHEET 1

BOND PROGRAM COMMITTEE REPORT

For

**56TH STREET AND ELM SPRINGS ROAD
IMPROVEMENTS**

SPRINGDALE, ARKANSAS

APRIL 24, 2013

PREPARED BY



ENGINEERING SERVICES, INC.

1207 SOUTH OLD MISSOURI ROAD
P.O. BOX 282
SPRINGDALE, ARKANSAS 72764
TELEPHONE (479) 751-8733
FAX NO. (479) 751-8746
WWW.ENGINEERINGSERVICES.COM

TABLE OF CONTENTS

ITEM DESCRIPTION

1. Project Schedule
2. Cost Estimates
3. Public Comment Meeting Summary

PROJECT SCHEDULE

Project Schedule
56th Street and Elm Springs Road
CP-12BPS4, CP-12BPS5, CP-12BPS6, CP-12BPS7
Springdale, AR
April 24, 2013

Notice to Proceed	November 28, 2012
Conceptual Design Phase Plans Completed	May 28, 2013
City Review Completed for Conceptual Phase	June 21, 2013
Preliminary Design Plans Completed	September 20, 2013
City Review Completed	October 11, 2013
Property Acquisition Documents Completed	November 11, 2013
Final Design Plans Completed.....	January 10, 2014
Property Acquisition Completed.....	April 11, 2014
Advertisement for Bids	April 20, 2014 & April 27, 2014
Bid	May 15, 2014
Award Contract with Notice to Proceed	June 15, 2014
Construction Completed.....	June 15, 2015

COST ESTIMATES

ENGINEERS STATEMENT OF PROBABLE CONSTRUCTION COSTS
56TH STREET (HWY 412 - Don Tyson Pkwy)
SPRINGDALE, AR - 4/24/13
CP-12BPS4 and CP-12BPS5

Street and Storm Drainage Improvements:

Item	Quantity	Description	Unit Price	Total Amount
1	1 LS	Site Preparation	\$75,000.00	\$75,000.00
2	1 LS	Roadway Construction Control	\$25,000.00	\$25,000.00
3	1 LS	Trench and Excavation Safety System	\$7,500.00	\$7,500.00
4	1 LS	Clearing and Grubbing	\$25,000.00	\$25,000.00
5	1 LS	Topsoil Placement	\$30,000.00	\$30,000.00
6	1 LS	Mobilization	\$40,000.00	\$40,000.00
7	1 LS	Fence Relocations	\$100,000.00	\$100,000.00
8	1 LS	Utility Relocations	\$350,000.00	\$350,000.00
9	1 LS	Water Main Relocation	\$400,000.00	\$400,000.00
10	1 LS	Seeding	\$35,000.00	\$35,000.00
11	1 LS	Median Landscaping	\$40,000.00	\$40,000.00
12	1 LS	Pavement Symbols (Thermoplastic)	\$12,500.00	\$12,500.00
13	1 LS	4" Striping (Thermoplastic)	\$7,500.00	\$7,500.00
14	1 LS	Erosion Control	\$50,000.00	\$50,000.00
15	1 LS	Traffic Control	\$25,000.00	\$25,000.00
16	1 LS	Project Sign	\$4,000.00	\$4,000.00
17	950 L.F.	6-6" Utility Ducts	\$40.00	\$38,000.00
18	100,000 C.Y.	Undercut	\$9.50	\$950,000.00
19	45,000 C.Y.	Embankment	\$12.00	\$540,000.00
20	20,000 C.Y.	Unclassified Excavation	\$11.00	\$220,000.00
21	52,700 S.Y.	Class 7 Base Course 8" Thick	\$12.00	\$632,400.00
22	42,600 S.Y.	Binder Course 4" Thick	\$20.00	\$852,000.00
23	42,600 S.Y.	Surface Course 3" Thick	\$15.00	\$639,000.00
24	42,600 S.Y.	Prime Coat	\$0.75	\$31,950.00
25	28,880 L.F.	Concrete Curb and Gutter	\$11.00	\$317,680.00
26	1,570 L.F.	18" RCP	\$55.00	\$86,350.00
27	1125 L.F.	24" RCP	\$65.00	\$73,125.00
28	70 L.F.	30" RCP	\$80.00	\$5,600.00
29	700 L.F.	36" RCP	\$95.00	\$66,500.00
30	155 L.F.	Triple 36" RCP	\$285.00	\$44,175.00
30	900 L.F.	Double 42" RCP	\$220.00	\$198,000.00
31	100 L.F.	3' x 8' Precast Box Culvert	\$500.00	\$50,000.00
32	155 L.F.	Triple 3' x 6' Precast Box Culvert	\$1,200.00	\$186,000.00
33	1 LS	Ditch Improvements West of Pond (North of Apple Rd.)	\$50,000.00	\$50,000.00
34	3460 L.F.	Bio-Swales	\$65.00	\$224,900.00
35	26 Each	Curb Cut (Inlet to Bio-Swales)	\$2,000.00	\$52,000.00
36	14 Each	Drop Inlet	\$4,000.00	\$56,000.00
37	10 Each	Junction Box	\$3,000.00	\$30,000.00
38	5 Each	Large Junction Box	\$8,000.00	\$40,000.00
39	13 Each	Flared End Section	\$6,500.00	\$84,500.00
40	5 Each	Large Headwall	\$12,000.00	\$60,000.00
41	52 Each	Street Lights	\$5,000.00	\$260,000.00
42	7,800 S.Y.	10' Trail	\$48.00	\$374,400.00
43	3,820 S.Y.	5' Sidewalk	\$28.00	\$106,960.00
44	200 SF	Handicap Ramps - Tactile Panels	\$50.00	\$10,000.00
45	1 LS	Relocated Traffic Signal (Hwy 412)	\$120,000.00	\$120,000.00
46	1 LS	Misc. (Scourstop, TRM, Mailboxes, Driveways, Etc.)	\$175,000.00	\$175,000.00
47	1 LS	One Year Maintenance Bond	\$10,000.00	\$10,000.00
SUB-TOTAL Street and Storm Drainage Improvements				\$7,811,040.00
Engineering (12%)				\$937,324.80
Contingency (7.5%)				\$585,828.00
TOTAL Street and Storm Drainage Improvements				\$9,334,192.80

*CONTINGENT UPON CITY APPROVALS.

*ROCK EXCAVATION, EASEMENT ACQUISITION, AND RIGHT OF WAY ACQUISITION ARE NOT INCLUDED.

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

ENGINEERS STATEMENT OF PROBABLE CONSTRUCTION COSTS
56TH STREET (HAR-BER AVE. to HWY 412)
SPRINGDALE, AR - 4/24/13
CP-12BPS6

Street and Storm Drainage Improvements:

Item	Quantity	Description	Unit Price	Total Amount
1	1 LS	Site Preparation	\$25,000.00	\$25,000.00
2	1 LS	Roadway Construction Control	\$20,000.00	\$20,000.00
3	1 LS	Trench and Excavation Safety System	\$7,500.00	\$7,500.00
4	1 LS	Clearing and Grubbing	\$35,000.00	\$35,000.00
5	1 LS	Topsoil Placement	\$20,000.00	\$20,000.00
6	1 LS	Mobilization	\$30,000.00	\$30,000.00
7	1 LS	Fence Relocations	\$30,000.00	\$30,000.00
8	1 LS	Utility Relocations	\$150,000.00	\$150,000.00
9	1 LS	Seeding	\$15,000.00	\$15,000.00
10	1 LS	Landscaping	\$30,000.00	\$30,000.00
11	1 LS	Pavement Symbols (Thermoplastic)	\$3,000.00	\$3,000.00
12	1 LS	4" Striping (Thermoplastic)	\$2,500.00	\$2,500.00
13	1 LS	Erosion Control	\$25,000.00	\$25,000.00
14	1 LS	Traffic Control	\$25,000.00	\$25,000.00
15	1 LS	Project Signs	\$4,000.00	\$4,000.00
16	200 L.F.	6-6" Utility Ducts	\$40.00	\$8,000.00
17	25,000 C.Y.	Undercut and Backfill	\$9.50	\$237,500.00
18	22,000 C.Y.	Embankment	\$12.00	\$264,000.00
19	5,000 C.Y.	Unclassified Excavation	\$11.00	\$55,000.00
21	12,100 S.Y.	Class 7 Base Course 8" Thick	\$12.00	\$145,200.00
22	10,650 S.Y.	Binder Course 4" Thick	\$20.00	\$213,000.00
23	10,650 S.Y.	Surface Course 3" Thick	\$15.00	\$159,750.00
24	10,650 S.Y.	Prime Coat	\$0.75	\$7,987.50
25	4,750 L.F.	Concrete Curb and Gutter	\$11.00	\$52,250.00
26	415 L.F.	18" RCP	\$55.00	\$22,825.00
27	605 L.F.	24" RCP	\$65.00	\$39,325.00
28	370 L.F.	30" RCP	\$80.00	\$29,600.00
29	380 L.F.	36" RCP	\$95.00	\$36,100.00
30	12 Each	Drop Inlet	\$4,000.00	\$48,000.00
31	2 Each	Junction Box	\$3,000.00	\$6,000.00
32	2 Each	Headwall	\$6,500.00	\$13,000.00
33	1 LS	Bridge	\$1,800,000.00	\$1,800,000.00
34	10 Each	Street Lights	\$5,000.00	\$50,000.00
35	3,750 S.Y.	10' Trail	\$48.00	\$180,000.00
36	1,550 S.Y.	5' Sidewalk	\$28.00	\$43,400.00
37	75 SF	Handicap Ramps - Tactile Panels	\$50.00	\$3,750.00
38	1 LS	Misc. (Scourstop, TRM, Mailboxes, Driveways, Etc.)	\$40,000.00	\$40,000.00
39	1 LS	One Year Maintenance Bond	\$10,000.00	\$10,000.00
SUB-TOTAL Street and Storm Drainage Improvements				\$3,886,687.50
Engineering (12%)				\$466,402.50
Contingency (7.5%)				\$291,501.56
TOTAL Street and Storm Drainage Improvements				\$4,644,591.56

*CONTINGENT UPON CITY APPROVALS.

*ROCK EXCAVATION, EASEMENT ACQUISITION, AND RIGHT OF WAY ACQUISITION ARE NOT INCLUDED.

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

*THIS ESTIMATE DOES NOT INCLUDE THE MODIFICATION TO PILOT OR MODIFICATION OF 412/56TH INTERSECTION.

ENGINEERS STATEMENT OF PROBABLE CONSTRUCTION COSTS
56TH STREET (HWY 412 - ELM SPRINGS ROAD)
ELM SPRINGS ROAD (56TH STREET - OAK GROVE ROAD)
SPRINGDALE, AR - 4/24/13
CP-12BPS6 and CP-12BPS7

Street and Storm Drainage Improvements:

Item	Quantity	Description	Unit Price	Total Amount
1	1 LS	Site Preparation	\$60,000.00	\$60,000.00
2	1 LS	Roadway Construction Control	\$30,000.00	\$30,000.00
3	1 LS	Trench and Excavation Safety System	\$7,500.00	\$7,500.00
4	1 LS	Clearing and Grubbing	\$25,000.00	\$25,000.00
5	1 LS	Topsoil Placement	\$40,000.00	\$40,000.00
6	1 LS	Mobilization	\$40,000.00	\$40,000.00
7	1 LS	Fence Relocations	\$100,000.00	\$100,000.00
8	1 LS	Utility Relocations	\$150,000.00	\$150,000.00
9	1 LS	Seeding	\$35,000.00	\$35,000.00
10	1 LS	Pavement Symbols (Thermoplastic)	\$12,500.00	\$12,500.00
11	1 LS	4" Striping (Thermoplastic)	\$7,500.00	\$7,500.00
12	1 LS	Erosion Control	\$30,000.00	\$30,000.00
13	1 LS	Traffic Control	\$25,000.00	\$25,000.00
14	1 LS	Project Sign	\$4,000.00	\$4,000.00
15	500 L.F.	6-6" Utility Ducts	\$40.00	\$20,000.00
16	35,000 C.Y.	Undercut	\$9.50	\$332,500.00
17	15,000 C.Y.	Embankment	\$12.00	\$180,000.00
18	5,000 C.Y.	Unclassified Excavation	\$11.00	\$55,000.00
19	31,500 S.Y.	Class 7 Base Course 8" Thick	\$12.00	\$378,000.00
20	28,000 S.Y.	Binder Course 4" Thick	\$20.00	\$560,000.00
21	28,000 S.Y.	Surface Course 3" Thick	\$15.00	\$420,000.00
22	28,000 S.Y.	Prime Coat	\$0.75	\$21,000.00
23	9,200 L.F.	Concrete Curb and Gutter	\$11.00	\$101,200.00
24	1,000 L.F.	18" RCP	\$55.00	\$55,000.00
25	650 L.F.	24" RCP	\$65.00	\$42,250.00
26	650 L.F.	30" RCP	\$80.00	\$52,000.00
27	1500 L.F.	36" RCP	\$95.00	\$142,500.00
28	300 L.F.	Double 36" RCP	\$175.00	\$52,500.00
29	140 L.F.	4' x 8' Precast Box Culvert	\$650.00	\$91,000.00
30	30 Each	Drop Inlet	\$4,000.00	\$120,000.00
31	5 Each	Junction Box	\$3,000.00	\$15,000.00
32	3 Each	Large Headwall	\$12,000.00	\$36,000.00
33	15 Each	Street Lights	\$5,000.00	\$75,000.00
34	2,800 S.Y.	10' Trail	\$48.00	\$134,400.00
35	1,200 S.Y.	8' Trail	\$48.00	\$57,600.00
36	2,600 S.Y.	5' Sidewalk	\$28.00	\$72,800.00
37	200 SF	Handicap Ramps - Tactile Panels	\$50.00	\$10,000.00
38	1 LS	Traffic Signal (Har-Ber - 56th Intersection)	\$200,000.00	\$200,000.00
39	1 LS	Traffic Signal (Elm Springs Road - 56th Intersection)	\$200,000.00	\$200,000.00
40	1 LS	Misc. (Scourstop, TRM, Mailboxes, Driveways, Etc.)	\$150,000.00	\$150,000.00
41	1 LS	One Year Maintenance Bond	\$10,000.00	\$10,000.00
SUB-TOTAL Street and Storm Drainage Improvements				\$4,150,250.00
Engineering (12%)				\$498,030.00
Contingency (7.5%)				\$311,268.75
TOTAL Street and Storm Drainage Improvements				\$4,959,548.75

*CONTINGENT UPON CITY APPROVALS.

*ROCK EXCAVATION, EASEMENT ACQUISITION, AND RIGHT OF WAY ACQUISITION ARE NOT INCLUDED.

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

PUBLIC COMMENT MEETING SUMMARY

Public Meeting Comment Summary
56th Street Improvement Project
Elm Springs Road to Don Tyson Parkway
CP-12BPS4, CP-12BPS5, CP-12BPS6, CP-12BPS7
Springdale, AR

Brian Powell – Design looks great. Roundabouts are a fantastic idea. Built correctly with modern landscaping and possible art/architectural designs, in place, will enhance this area greatly and help draw interest in businesses locating to this area.

Stacy Prince – Request to include alternate bid to include PC concrete for aforementioned projects. PC concrete in comparison to asphalt surfacing can provide greater long-term durability and reduced frequency in terms of maintenance.

Jerre M. Van Hoose – Build it as soon as possible! Looks great!

Bryan Jones – Please keep updates flowing to those who have property affected by the construction. Thanks for the meeting!

Harlon Earp – A uniform fencing needs to be installed along 56th Street where the Estate lots on Wells Circle back up to the New Road.

Natalie & Matthew Lindsey – Due to increased traffic & noise it is critical that we are provided a sound barrier/concrete/stone fence facing 56th extension. Need to evaluate appraised value before and after and be paid for difference as compensation for losses due to new construction.

Stacey Schleisman – Request that the proposed right-of-way be followed as it will cause less disruption for my home and others in my subdivision. If fences are affected, 8 ft. fence to replace. How will property values in Parker Place be affected? Please call when plans are finalized (479) 721-2479.

Ted Wiggins – (479) 756-6951. I have tract 49 leased for pasture and I have cattle on it. I need a temporary fence put in before permanent fence. I use the barn for hay and equipment storage. I have a water tank at the entrance to the property that will need to be moved and re-hooked up. I also need an entrance off Elm Springs Road with a wide culvert for a stock trailer. Also, the water issue on the northwest portion of the land will need to be addressed. Due to recent improvements on Elm Springs Road, water is getting there quicker and with greater force. Also there is more trash. Flooding is a potential problem as silt collects. Need to get elevation raised in flood plain that goes through the middle of property.

Sheila Cook – (Sheila Needham 5620 Har-Ber Ave.) The following proposed alternatives are needed for protection of children due to the proposed 56th Street (Collector Street). Privacy Fence Starting at northeast corner of property running along proposed 56th Street (36 ft.). Starting at 36 ft. from northeast corner, a 12-ft concrete driveway entrance on proposed 56th Street to existing driveway. Starting at 48 ft. from northeast corner, privacy fencing to 116 ft. from northeast corner running along proposed 56th Street. At this point, a hurricane (chain-link) fence to the new proposed driveway on Har-Ber Avenue. The proposed new driveway on Har-Ber Avenue should be concrete and same dimensions (17-ft. wide).

Randall Goad – There needs to be a sound barrier behind houses on Dallas Ln. north of Gunnison. Reduced speed behind the houses on Dumas Ln. Limit speed limit to 30 in neighborhood.

Public Meeting



Project: CP-12BPS4 [56th Street Improvement Project]
Arvest Ballpark to Don Tyson Parkway
CP-12BPS5 [56th Street Improvement Project]
U.S. Highway 412 to Watkins Avenue
Springdale, Arkansas

Comment Sheet

Date: February 28, 2013

Name: Brian Powell

Comments: _____
Design looks great. Round-Abouts are a
fantastic idea. Built correctly with modern
landscaping and possible Art/Architectural designs,
in place, will enhance this area greatly and
help draw interest in businesses locating to
this area.

Please return comments to Engineering Services, Inc., P.O. Box 282, Springdale, AR 72765



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Consulting Engineers and Surveyors
Springdale, Arkansas
www.engineeringservices.com
(479) 751-8733

Public Meeting



Project: CP-12BPS4 [56th Street Improvement Project]
Arvest Ballpark to Don Tyson Parkway
CP-12BPS5 [56th Street Improvement Project]
U.S. Highway 412 to Watkins Avenue
Springdale, Arkansas

Comment Sheet

Date: February 28, 2013

Name: Stacy Prince

Comments: Request to include alternate bid to include
PC concrete for aforementioned projects.
PC Concrete in comparison to asphalt surfacing
can provide greater long-term durability
and reduced frequency in terms of maintenance

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Public Meeting



Project: CP-12BPS4 [56th Street Improvement Project]
Arvest Ballpark to Don Tyson Parkway
CP-12BPS5 [56th Street Improvement Project]
U.S. Highway 412 to Watkins Avenue
Springdale, Arkansas

Comment Sheet

Date: February 28, 2013

Name: Jerre M. Van Hoose

Comments: Build it as soon as possible!
Looks great!

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Public Meeting

Project: CP-12BPS6 [56th Street Improvement Project]
Bleaux Ave. to Elm Springs Rd.
CP-12BPS7 [Elm Springs Rd Street Imp. Project]
56th Street to Oak Grove Road
Springdale, Arkansas



Comment Sheet

Date: April 4, 2013

Name:

Bryan Jones

Comments:

Please keep updates flowing to those
who have properly affected by the
construction. Thanks for the meeting!

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Public Meeting



Project: CP-12BPS6 [56th Street Improvement Project]
Bleaux Ave. to Elm Springs Rd.
CP-12BPS7 [Elm Springs Rd Street Imp. Project]
56th Street to Oak Grove Road
Springdale, Arkansas

Comment Sheet

Date: April 4, 2013

Name: HARLOW EARP

Comments: a uniform fencing needs to be installed
along 56th street where the estate lots on Wills
Circle back up to the New Road.

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Public Meeting



Project: CP-12BPS6 [56th Street Improvement Project]
Bleaux Ave. to Elm Springs Rd.
CP-12BPS7 [Elm Springs Rd Street Imp. Project]
56th Street to Oak Grove Road
Springdale, Arkansas

Comment Sheet

Date: April 4, 2013

Name:

Natale & Matthew Lindsey

Comments:

Due to increase traffic & noise
it is critical that we are provided
a sound barrier / concrete / some fence
facing S6th extension.

Need to evaluate ~~appraisal~~ appraisal
Appraised Value Before and After
and be paid for difference as
compensation for losses due to
New Construction.

Please return comments to Engineering Services, Inc., P.O. Box 282, Springdale, AR 72765



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Public Meeting



Project: CP-12BPS6 [56th Street Improvement Project]
Bleaux Ave. to Elm Springs Rd.
CP-12BPS7 [Elm Springs Rd Street Imp. Project]
56th Street to Oak Grove Road
Springdale, Arkansas

Comment Sheet

Date: April 4, 2013

Name:

Stacey Schleisman

Comments:

- Request that the proposed right of way be followed as it will cause less disruption for my home and others in my subdivision.

- If fences are affected 8ft fence to replace.

- How will property values in Parker Place be affected?

- Please call when plans are finalized
(479) 721-2479

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Public Meeting

Project: CP-12BPS6 [56th Street Improvement Project]
Bleaux Ave. to Elm Springs Rd.
CP-12BPS7 [Elm Springs Rd Street Imp. Project]
56th Street to Oak Grove Road
Springdale, Arkansas



Comment Sheet

Date: April 4, 2013

Name: TED WIGGINS 756-6951

Comments: I HAVE TRACT 49 LEASED FOR PASTURE AND I
HAVE CATTLE ON IT. I NEED A TEMP FENCE PUT IN
BEFORE PERM FENCE. I USE THE BARN FOR HAY AND EQUIPMENT
STORAGE. I HAVE WATER TANK AT ENTRANCE TO PROPERTY
THAT WILL NEED TO BE MOVED AND REHOOKED UP. I ALSO
NEED A ENTRANCE OFF ELM SPRINGS ROAD WITH A WIDE
CULVERT FOR A STOCK TRAILER.
ALSO THE WATER ISSUE ON THE NORTH WEST PORTION
OF THE LAND WILL NEED TO BE ADDRESSED. DUE TO RECENT
IMPROVEMENTS ON ELM SPRINGS ROAD, WATER IS GETTING THERE
QUICKER AND WITH GREATER FORCE. ALSO THERE IS MORE
TRASH. FLOODING IS A POTENTIAL PROBLEM AS SILT COLLECTS.
NEED TO GET ELEVATION RAISED IN FLOOD PLANE THAT GOES
THROUGH THE MIDDLE OF PROPERTY.

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Public Meeting



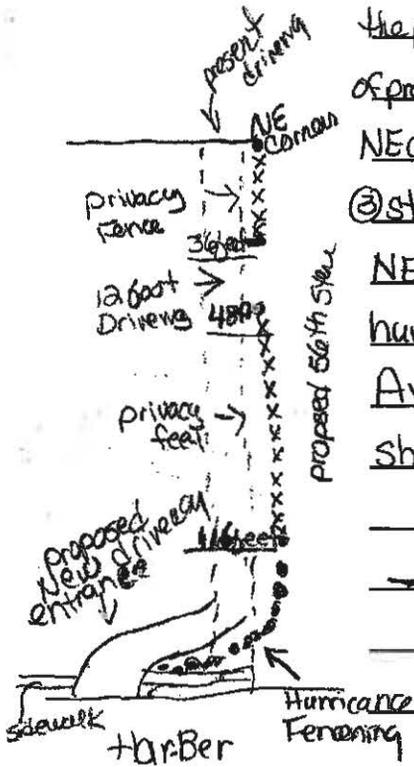
Project: CP-12BPS6 [56th Street Improvement Project]
Bleaux Ave. to Elm Springs Rd.
CP-12BPS7 [Elm Springs Rd Street Imp. Project]
56th Street to Oak Grove Road
Springdale, Arkansas

Comment Sheet

Date: April 4, 2013

Name: Sheila Cook (Sheila Needham 5620 Har-Ber Ave.)

Comments: The following proposed alterations are needed for protection of children due to the proposed 56th Street (Collector Street), (1) Privacy fence starting at NE corner of property running along proposed 56th Street, (36 feet) (2) starting at 36 feet from NE corner a 12-foot concrete driveway entrance on proposed 56th Street to existing driveway. (3) starting at 48 from NE corner, privacy fencing to 116 feet from NE corner running along proposed 56th Street. (4) At this point a hurricane fence to the new proposed driveway on Har-Ber Ave. (5) The proposed new drive way on Har-Ber Ave should be concrete and same ~~dimensions~~ dimensions (17 feet wide).



Sheila Cook

4-14-2013

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Public Meeting



Project: CP-12BPS6 [56th Street Improvement Project]
Bleaux Ave. to Elm Springs Rd.
CP-12BPS7 [Elm Springs Rd Street Imp. Project]
56th Street to Oak Grove Road
Springdale, Arkansas

Comment Sheet

Date: April 4, 2013

Name:

Randall Good

Comments:

There needs to be a sound barrier behind houses on DALLAS LN north of Gunnison. Reduced speed behind the houses on DALLAS LN. Limit speed limit to 30 in neighborhood

Randall C Good

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Expense Summary
Total Funds Available:
\$ 42,714,500.00
Updated 4/24/13

Project Number	Project Description	Total Estimated Budget	Expended to Date					Total Expenditures to Date	Amount Remaining
			Total Land Acquisition	Total Design Expenditures	Total Utility Relocation	Total Construction Expenditures	Total Miscellaneous Expenditures		
12BPS1	DTP Interchange	\$ 20,500,000.00	\$ 5,877,119.35	\$ 265,808.31	\$ -	\$ -	\$ 280.25	\$ 6,143,187.91	\$ 14,356,812.09
12BPS2	DTP - Hylton to Habberton	\$ 3,587,500.00	\$ 3,000.00	\$ 127,716.03	\$ -	\$ -	\$ 456.10	\$ 131,172.13	\$ 3,456,327.87
12BPS3	DTP - 40th to Carley	\$ 3,175,000.00	\$ 7,800.00	\$ 84,489.93	\$ -	\$ -	\$ 372.00	\$ 92,661.93	\$ 3,082,338.07
12BPS4 & 12BPS5	56th Street - DTP to Watkins & Watkins to 412	\$ 10,099,192.80	\$ 5,000.00	\$ 149,500.00	\$ -	\$ -	\$ 84.10	\$ 154,584.10	\$ 9,944,608.70
12BPS6	56th Street - Hwy 412 to Harber	\$ 4,909,591.56	\$ 4,500.00	\$ 97,500.00	\$ -	\$ -	\$ 372.00	\$ 102,372.00	\$ 4,807,219.56
12BPS7 & 12BPS8	ESR- Oak Grove to 56th & 56th Street - Harber to ESR	\$ 5,809,548.75	\$ 8,300.00	\$ 156,000.00	\$ -	\$ -	\$ 372.00	\$ 164,872.00	\$ 5,644,876.75
	Elm Springs Road Overpass	\$ 1,000,000.00			\$ -	\$ -	\$ -	\$ -	\$ 1,000,000.00

Estimated budget include construction (including utility relocation), construction contingency, design/construction engineering, materials testing, ROW acquisition and services,

Totals:	\$ 49,080,833.11	\$ 5,905,719.35	\$ 881,014.27	\$ -	\$ -	\$ 1,916.45	\$ 6,788,650.07	\$ 42,292,183.04
STPA Funds for DTP	\$ 2,764,970.00						STPA Funds for DTP	\$ 2,764,970.00
Bond Funds Committed minus STPA	\$ 46,315,863.11						Remaining Including STPA	\$ 45,057,153.04
Potential Remaining Bond Funds	\$ (3,601,363.11)							