



MEETING NOTICE AND AGENDA

Notice is hereby given that the Kaysville City Council will hold a regular council meeting on Thursday, March 1, 2018, starting at 6:30 p.m. in the Council Room of the Kaysville City Municipal Center, 23 East Center Street, Kaysville, UT.

ARCHITECTURAL REVIEW COMMITTEE MEETING – 6:30 pm

1. Modification of Parking/Product Storage Area at 780 North Kays Drive – Camping World.
2. Consideration of Powersports Dealership and Ancillary uses at 1121 West Flint Meadow Drive – Moto United.

CITY COUNCIL MEETING - 7:00pm

The agenda shall be as follows:

1. Opening – Council Member Jake Garn
2. Recognitions and Presentations
 - a. Photo Contest Winners – Mayor Katie Witt
3. Declaration of any Conflicts of Interest.
4. Consent Items
 - a. Minutes from January 18, 2018.
 - b. Minutes from January 20, 2018.
 - c. Police Radio and Cellular Booster Purchase Request for the Kaysville Police Department.
 - d. Award of Bids for Road Projects
 - i. 2018 Mill and Overlay Project.
 - ii. 2018 Street Seal Project.
5. Action Items
 - a. Preliminary Plat Approval for the Preserve Subdivision Located at Approximately 150 South Angel Street* - Symphony Homes.
*Item previously tabled. (10 Minutes)
6. Work Items
 - a. Discussion – Implementation of a Road Utility Fee (30 Minutes).
7. Call to the Public.
8. Council Member Reports.
9. Consideration of Closed Meeting Pursuant to Utah Code Annotated §52-4-205
(c) Strategy session to discuss pending or reasonably imminent litigation.
10. Adjournment.

Kaysville City is dedicated to a policy of non-discrimination in admission to, access to, or operations of its programs, services or activities. If you need special assistance due to a disability, please contact the Kaysville City Recorder at (801) 497-7008.

I hereby certify that I posted a copy of the foregoing Notice and Agenda at City Hall, the City website and have emailed copies to media representatives on February 23, 2018.

Maria T. Devereux

Maria T. Devereux, City Recorder



Kaysville Business Park Architectural Review Committee Staff Report

Camping World site modification. March 1, 2018

Applicant/Owner: Brock Peterson – Camping World, General Manager
Location: 780 North Kays Drive – Lot 117A
Presented by: Lyle Gibson – Executive Director, Kaysville Business Park

Description:

Camping World is looking to modify their parking/product storage area for the purpose of keeping additional camping trailers on site.

Camping World (formerly Blaine Jensen RV), was among the very first businesses to locate in the Kaysville Business Park. At the time of its development Flint Meadow Drive and most of Sportsplex Drive did not exist. Because of this the City required that an access to Phillips Street be provided which was accounted for on the northwest end. This access was needed because there was no other access into or out of the Business Park at the time. Now that Flint Meadow Drive and Sportsplex Drive are in place, the original access on Camping World's property is no longer critical for City services to the Business Park or Camping World.

The proposed modification would remove some of the landscaped areas within the site to be replaced with pavement. The additional access will remain with the locked gate, but the pavement will now be used for parking inventory rather than maintaining a clear drive. The site still retains the required amount of landscaping per City Ordinances and Section 5.5 of the Kaysville Business Park covenants.

Recommendation:

Staff has reviewed the plans and has found that minimum requirements are met for emergency access and landscaping and is recommending approval of the modification as proposed.

Per section 4.2 and 5.5 of the Kaysville Business Park covenants, plans which alter a site must be approved by the Architectural Review Committee.

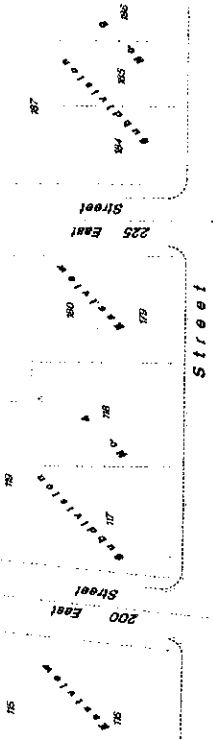
Attachment 1: Location Map
Attachment 2: Original Site Plan
Attachment 3: Aerial of Business Park 1997
Attachment 4: Proposed Overall Site Plan
Attachment 5: Proposed Modification Detail

Lot 117A - Kaysville Business Park - Camping World



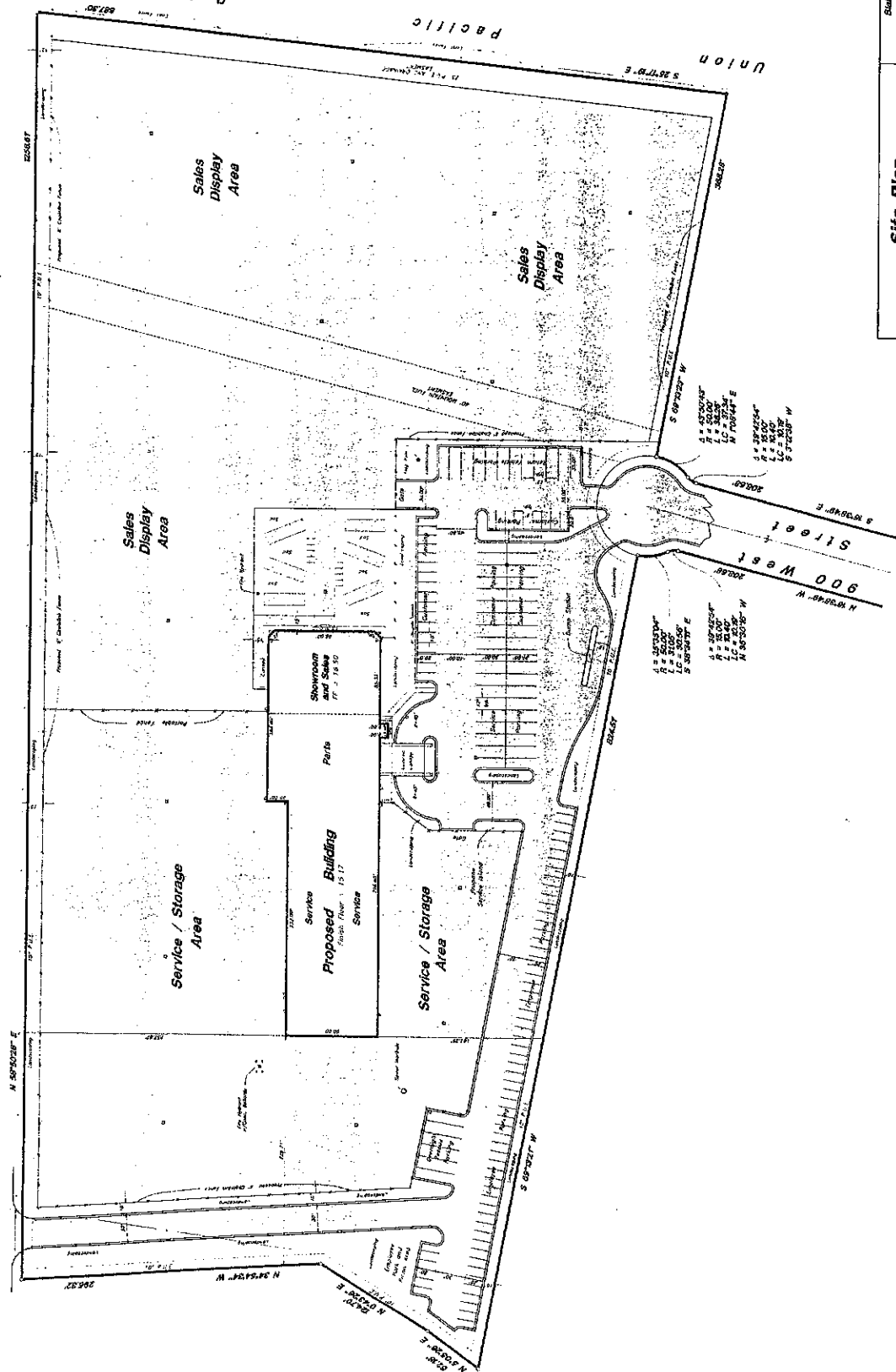


Scale 1" = 40'



Street

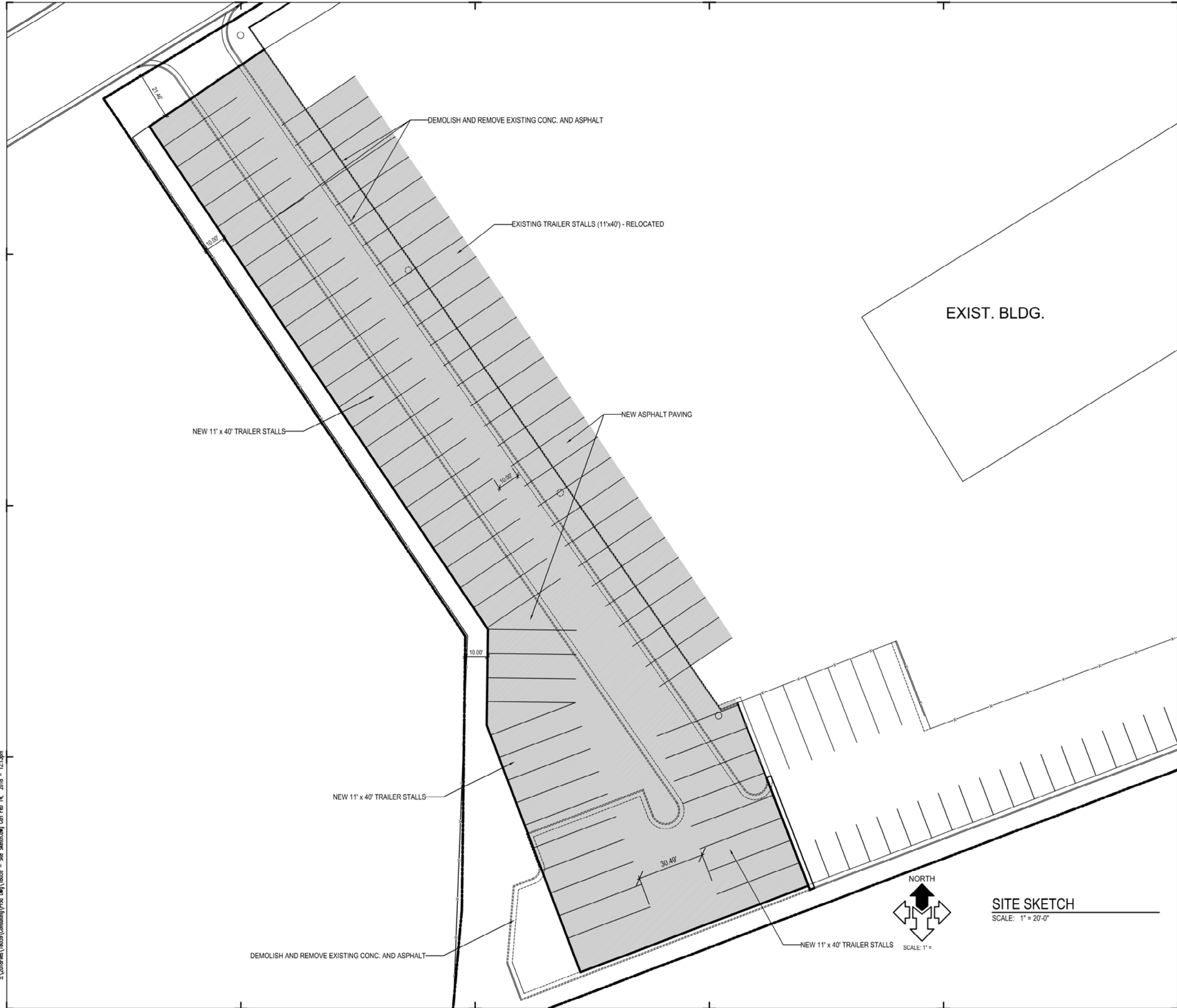
Phillips



Site Plan	
Blaine Jensen R.V. Center	
GREAT BASIN ENGINEERING, INC.	
Drawn: BJK/CJO	Scale: 1" = 40'
Check: BJK/CJO	Date: 28 Aug 1996
Project: Blaine Jensen R.V. Center	
Sheet: 1 of 1	



October 1997 Aerial Imagery – Early Kaysville Business Park Development.



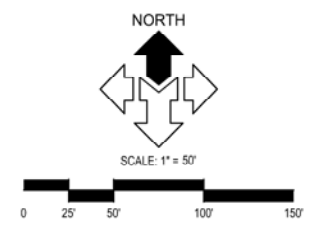
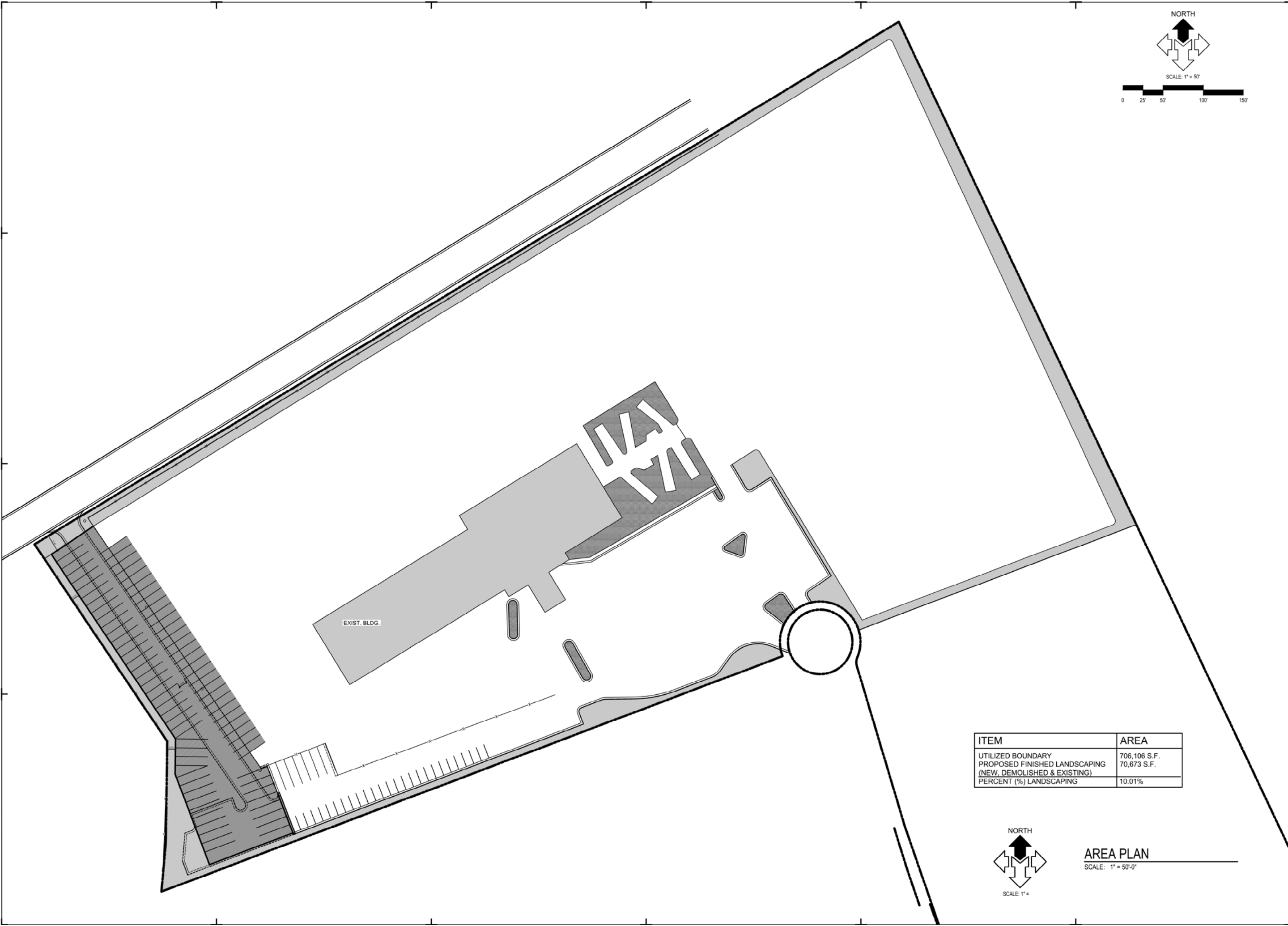
**780 NORTH 900 WEST
KAYSVILLE
UTAH**

[illegible]

SITE PLAN

AS1.01

S:\2018\780 North 900 West\18059\18059 (Consulting)\Prod Des\18059 - Site Sketching.dwg Cof Feb 14, 2018 - 12:18pm



**McNEIL ENGINEERING**TM
Economic and Sustainable Design. Professionals You Know and Trust
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Civil Engineering • Consulting & Landscape Architecture
Structural Engineering • Land Surveying & HDS

CAMPERWORLD LOT EXPANSION
780 NORTH 900 WEST
KAYSVILLE
UTAH

REVISIONS	
REV	DESCRIPTION

PROJECT NO: 18059
DRAWN BY: CEG
CHECKED BY: RJD
DATE: 14 FEB. 2018
PROP NO: --

SITE PLAN
AS1.01



Kaysville Business Park Architectural Review Committee Staff Report

Powersports and ancillary uses. March 1, 2018

Applicant/Owner: Cameron Eggertz with Moto United
Location: 1121 West Flint Meadow Drive – lot 31 Kaysville Business Park
Presented by: Lyle Gibson – Executive Director, Kaysville Business Park

Description:

Recently KSG Distribution, Inc. has ceased operations at the subject property. The 4 acre site which is fully developed is now unoccupied and on the market. Mr. Eggertz has the property under contract and is interested in using the site primarily as a powersports dealership.

Mr. Eggertz company currently operates in multiple locations. His ideas for the use of the property vary enough from the previous use that he is looking for some level of comfort from the Architectural Review Committee regarding his intended use of the site before further pursuing the property.

Staff has been in contact with Mr. Eggertz and his real estate agent and believes that the desired use of the property is all possible, but has been unable to give full assurance as so much of the approval is subject to the Architectural Review Committee and its findings of compatibility within the Business Park.

As an example of questions the applicant is looking for answers to, following is a list of questions from a chain of emails between staff and the applicant and his agent. The responses from staff are in red.

Emailed questions:

Regarding signage, there appears to only be one monument sign currently. Regarding signage, what is the capacity to:

Relocate or remove the monument sign

Removal of the monument sign would not be a problem, construction of any new sign would require approval from the Architectural Review Committee. Signs allowed for this property in the business park that might replace the existing monument sign may not exceed 120 sq. ft. in size and 8 ft. in height. The sign would need to be located at least 10 ft. from a property line and away from drive approaches or intersections to ensure visibility for drivers.

Add bldg signage (I'm sure there is an equation per code, can you help us with that?)

Signs on the building may cover as much as 25% of the wall they are on. So additional signage is of this nature is certainly possible but would again need approval from the review committee. Should you determine to pursue the property, we would just have you on an agenda where the use, signs, and other items could be all be considered.

As discussed, ATV, motorcycles, etc. will be sold at this location potentially and as a result, it's imperative to be able to advertise/market some of those vehicles on-site. Regarding such, can you provide any insight regarding:

The opportunity to remove or relocate the landscaping in front (north) of the bldg to other areas onsite

Not knowing all the specific dimensions on the property I'll answer as best I can. The proximity of a building to the street determines how much of a landscaped area is required between the curb and parking lot. I am going to guess that the parking area is as close to the street as is permitted by the park covenants (section 5.2). You might get a little bit of flexibility in the type of landscaping in this area, not sure how much though. (Section II Landscaping [states that 'Landscaping within 25 ft. of the right-of-way shall reduce the visual impact of parking and loading. It will contain mostly trees and lawn.'])

Confirmation that such marketing of vehicles as well as the storage of product in the back (south) of the building would allowed without concern of code violation

This is a matter of approval from the committee. As an example the RV sales lot is part of the Kaysville Business Park and has been allowed to store and display its trailers and such, I'm not sure that your operation would be any different. What will be considered is how it is done. The most applicable section of the covenants is section 5.9 which talks about allowing items to be stored outside if they are part of business operations and if done in a manner that in the opinion of the committee harmonizes with the appearance of the surrounding properties.

This group also often gets requests for storage of boats, ATVs, etc. Would the current zoning allow for inside storage of RVs, ATVs, boats, etc. whereas it's appropriately sprinkled, etc.?

The city's zoning allows storage within the business park, and it is not a use prohibited by the Business Park covenants (section 6.2). Furthermore the covenants state that 'any business, recreational, or light industrial operation and use will be permitted upon a parcel, provided that the Committee specifically consents to such use in writing. So it is up to the Committee.

Would there be any concern with the repair of such vehicles inside (I recognize these uses are all similar to the RV facility and you effectively gave us the green light, but I'm guessing Cameron will want this directly from you- can't trust us RE guys!!!)

Similar to the previous answer, nothing states you can't do repairs, as another example besides the RV facility, Egan Auto is part of the business park along Flint Street where vehicle repair is their entire business. I believe that you will need to demonstrate to the review committee that it isn't going to look like an impound lot and some additional screening may be necessary for areas where inoperable vehicles are stored long term if that is applicable.

For the use(s) above, would anything (conditional use, zoning change, etc.) be required if we moved on this quickly, and if so, can you outline the timing and steps of such?

The sales and repair work are within what the city defines as 'retail sales and services' which is a permitted use in the [zone](#). Similarly offices, storage and warehousing services are listed as permitted uses. This means no conditional use or zone change process would be required. That said, because it is

*in the business park it would be necessary to go before the architectural review committee for approval.
The architectural review committee is the City Council.*

Recommendation:

The applicant hopes to speak with the review committee to receive feedback regarding his desired use of the property. The Committee should indicate their support and concerns where applicable and provide direction for any desired documents that might be considered at a future meeting for final approval.

Attachment 1: Location Map

Attachment 2: Photo of property from Flint Meadow Drive

Lot 31 - Kaysville Business Park





1121 West Flint Meadow Drive

STAFF REPORT



MEETING DATE:

ITEM NUMBER:

TYPE OF ITEM: Purchase of equipment

PRESENTED BY: Chief Oberg

SUBJECT/AGENDA TITLE: Police radio and cellular booster purchase request

EXECUTIVE SUMMARY:

The materials and design of the police station cause significant reception issues with police radios and cellular telephones. This creates significant problems with our ability to efficiently and effectively respond to calls for service. Oftentimes, officers cannot hear their dispatch communications about calls for service and/or cannot transmit a reply. The same applies to the use of cellular telephones with regards to phone calls and text messaging. In addition to the impact on our officers and the public we serve, it also negatively impact the Davis County dispatch center and the other agencies that we share public safety radio channels with.

Potential solutions to this problem have been cut from our budget the last couple of years, however; the ongoing disruption this causes compels me to continue to pursue a solution. On January 2, 2018, we posted an RFP on Bid-Sync for the necessary equipment and installation to resolve this issue. Thirty eight vendors reviewed the RFP and four subsequently conducted walk throughs of the police station. Three vendors submitted proposals; Utah Communications (\$33,272.14), Team LINX (\$71,160.04), and Advanced Telecom Systems (29,239.58).

If approved, this purchase would be made out of our existing budget's capital account, 10-54-740. We respectfully request the approval to purchase this equipment to resolve this issue.

COUNCIL OPTIONS: To approve purchase or to decline to approve the purchase

RECOMMENDED OPTIONS: Approve the purchase

FISCAL IMPACT & FUND SOURCE FOR RECOMMENDED ACTION: \$29,239.58 from

ATTACHMENTS: RFP, (3) bid proposals



ADVANCED
TELECOM SYSTEMS

Confidential

Installation Proposal/Contract

for

Solicitation: 1801-001

Kaysville City Corporation

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January 31, 2018

Executive Summary

Advanced Telecom System is pleased to present our response to Kaysville City UT Police Station Telecommunications Services, Distributed Antenna System RFP and to demonstrate our strong commitment to assisting Kaysville City. We are committed to meeting the City's expectations and have matched the appropriate, cost effective solutions for the police station with the RFP requirements.

It is understood that Kaysville City Police Station is currently seeking an enterprise DAS solution to boost cellular signal for Verizon and 800 Mhz Police Radio. For the past 18 years, Advanced Telecom Systems has provided turn-key, DAS solutions for our customers. Our experience in design, testing, implementation and monitoring give us the ability to make this project successful for the Kaysville City Corporation.

January 31, 2018

Company Profile

- Business Name: Advanced Telecom Systems
- Business Address: 6710 W Linebaugh Ave, Tampa, FL 33625
- Phone: 813-343-2334
- Number of Employees at Head Office: 20
- Primary Line of Business: Cellular DAS & Public Safety DAS Solutions

Management Directory

- Shannon Ray, President and Chief Executive Officer
- Whitney Ray, Counsel
- Courtney Ray, Office Manager
- Garrett DiBona, Business Development Manager
- Abraham Castillo, Sales Executive

Company Overview

At Advanced Telecom Systems, we believe in a world where dropped calls don't exist. As a leading provider of telecommunications services for over twenty years, our purpose is to improve communication for our customers at an affordable cost. We specialize in distributed antenna systems for cellular and public safety networks. Our turn-key solutions are available for any size home or business. We offer a wide variety of products and installation options to meet any budget while keeping quality and service at the center of our business. Our highly-trained staff will guide you through each step of the process.

1. Project Name:	Kaysville City Corp
Advanced Telecom Engineer:	Shannon Ray/Brandon Ray
Date of Site Visit:	01-11-18
Customer POC:	Paul Thompson
Site Address:	Kaysville UT

Team Experience and Development

Our team has over 18 years of experience handling DAS deployments. We have configured over 1,000 DAS systems and our qualifications include the following:

Services:

- Complete turn-key DAS installation
- Project Management
- Site surveys
- DAS design utilizing iBwave
- Spectrum Signal Testing including: Anritsu
- Installation of cable infrastructure used to support DAS system
- Configuration of DAS and BTS equipment
- Post-implementation testing and data collection
- DAS system trouble-shooting
- Long-term monitoring and maintenance

Engineering Capabilities:

- Commissioning- Using a CW to test and vet a system before carrier integration
- CW Data Collection- Data Collection with a CW applied to show sector delineations
- Optimization- Adjusting uplink and downlink parameters to improve carrier metrics.
- Closeout Package Data Collection – Collecting various metrics for closeout package, e.g. RSRP, RSRQ, RSSI, etc.
- OTDR testing
- Uni-directional & bi-directional
- Bi-directional power testing using power meter

Our Certifications:

- Anritsu
- Solid Technologies
- JMA Wireless
- ADRF
- SureCall
- Comba
- Wilson Electronics
- Axell Wireless

References

- Reggie Campbell Cott Network Administrator
(813) 313-1825 rcampbell@cott.com
- Danny Graham The Villages Technology Solutions Group
(352) 750-1515 Danny.Graham@TheVillagesTSG.com
- Karim Veerjee Administrative Director
Florida Hospital Wesley Chapel | Physician Group | West Florida Division
Adventist Information Technology | Adventist Health System | P: (813) 929-5102

Transition and Exit Strategy

1. Scope

1.1 Distributed Antenna Systems for The Kaysville City Corporation.

1.2 Project Description – This proposal will provide constructing, installing, operating and maintaining a neutral host distributed antenna system (DAS) and Public Safety Repeater for us of 800 Mhz radios. The system is designed to provide coverage at -90 dBm or better in the areas noted or throughout the building. Data upload and download speeds are based on outside signal strength and will vary by the type of phone used.

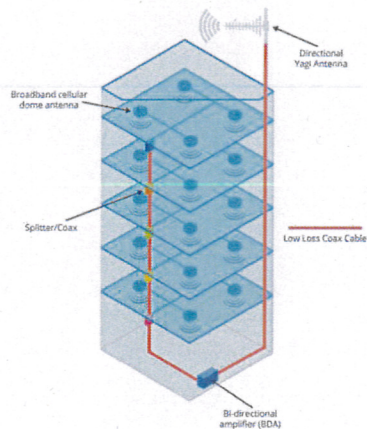
2. Strategies

Advanced Telecom Systems will take the following steps to complete the project:

- Cable, connectors, couplers and splitters will be installed throughout the building to coincide with where the internal antennas are to be mounted.
- The repeater will be mounted in customer's IT, Telecom or electrical room designated by the customer. The room is typically centered in the building and will provide access to a 110V dedicated power outlet.
- Donor antennas will be mounted on either a non-penetrating roof mount stand or J-pipe based on the building's roof access. The stand will be weighted down with 6 blocks. The stand will also have a non-skid pad placed underneath to prevent roof damage and to prevent the stand from moving in high winds.
- Cable will be run from donor antennas inside of the building through customer provided penetrations or access routes to the amplifier housed in customer designated Telecom/electrical room.
- Indoor donor antennas will be either hung or mounted to customer's ceiling depending on ceiling material.
- System will be tested, attenuated and balanced based on customer's facility and carrier towers located in the area.

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- The new BDA will provide coverage for 800 Mhz Police Radio as well as Verizon Cellular Services.



Example of standard BDA installation

3. Transition Schedule, Tasks and Activities

Pre-Installation

Before any onsite work begins, ATS completes tasks to ensure a seamless installation. Before designing, a comprehensive Site Survey is completed which was completed on Jan 11 2017. Next, our system design is created by a qualified engineer. Last, we employ the same tools and testing techniques that the carriers do, ensuring complete carrier and public safety coordination.

Installation

ATS trained installers will install both the cable infrastructure for the DAS, as well as the DAS head-end equipment. The installation will consist of a donor antenna being secured to the roof with cable running down into each floor of the building. The cable will connect to indoor omni-directional antennas that will be installed on each floor of the building. The cable will then connect into the DAS head-end equipment. Timeline to complete this project is 1-5 business days.

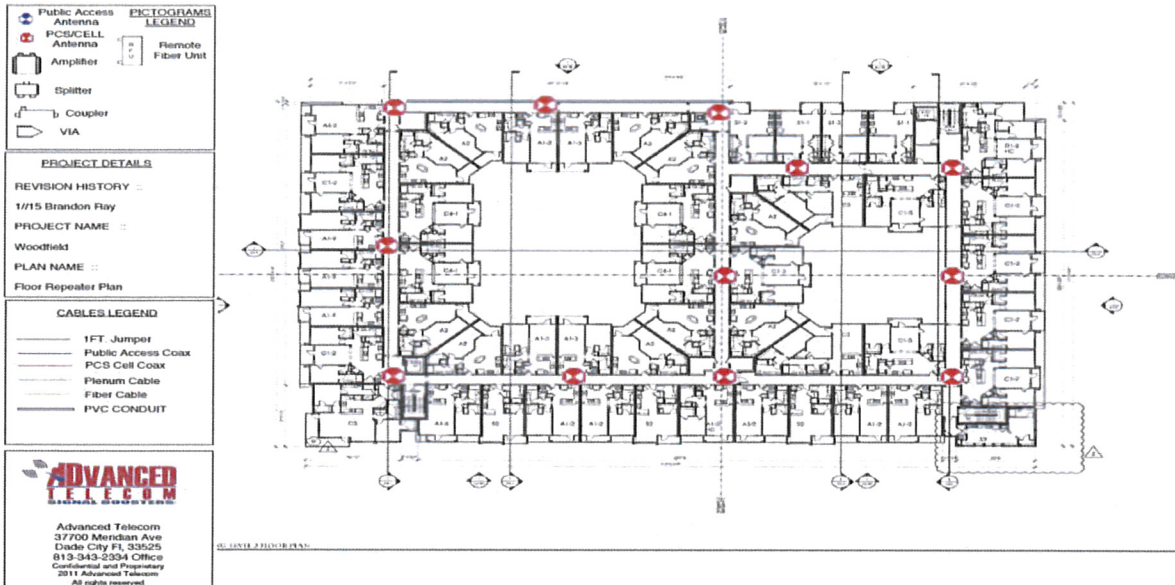
Post-Installation

Once the system is installed, our engineer will conduct testing to ensure the system is functioning at maximum capacity. Data will be collected and provided in the form of a report. ATS will also conduct post-implementation monitoring and on-going support if the system is in need.

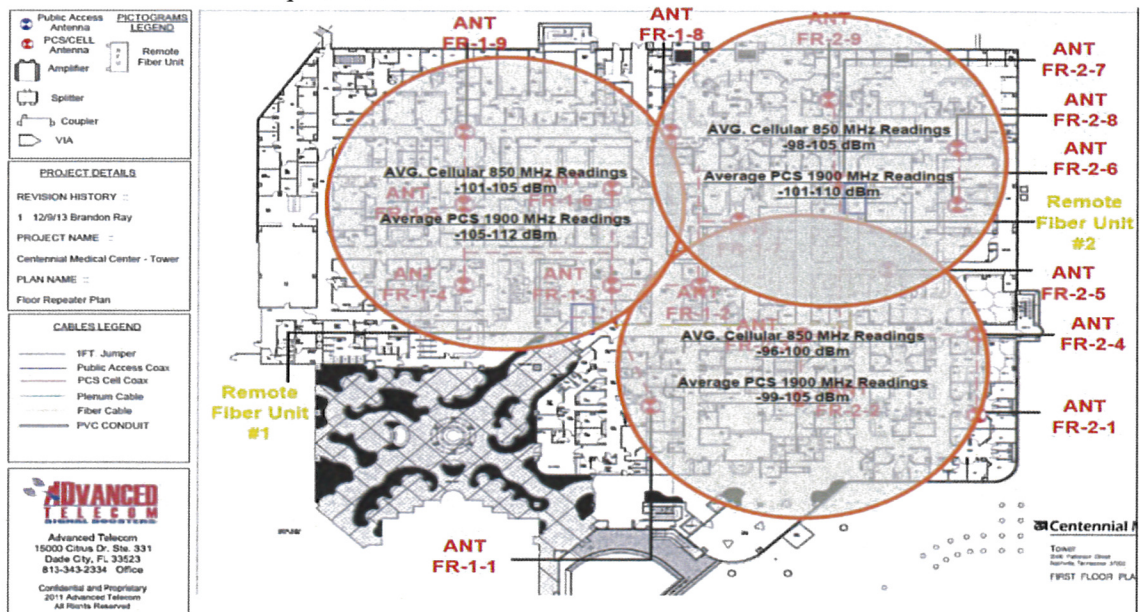
January 31, 2018

Work History Example Plans of Completed Projects

- WoodField Graham St. Apartments

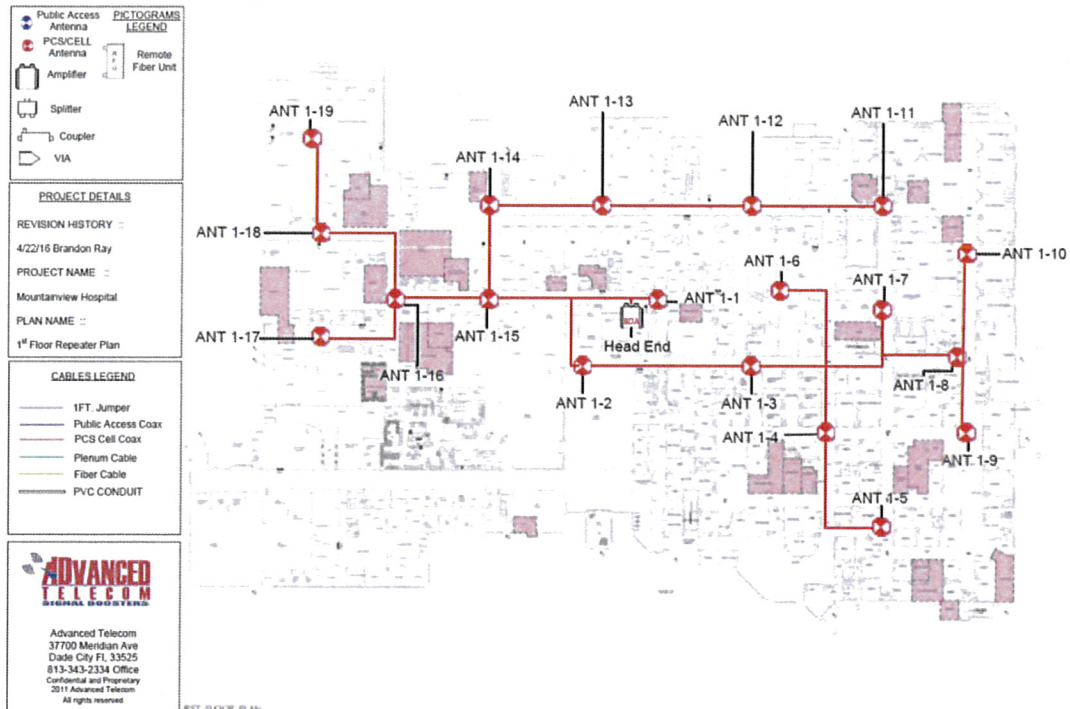


- TriStar Centennial Hospital Nashville

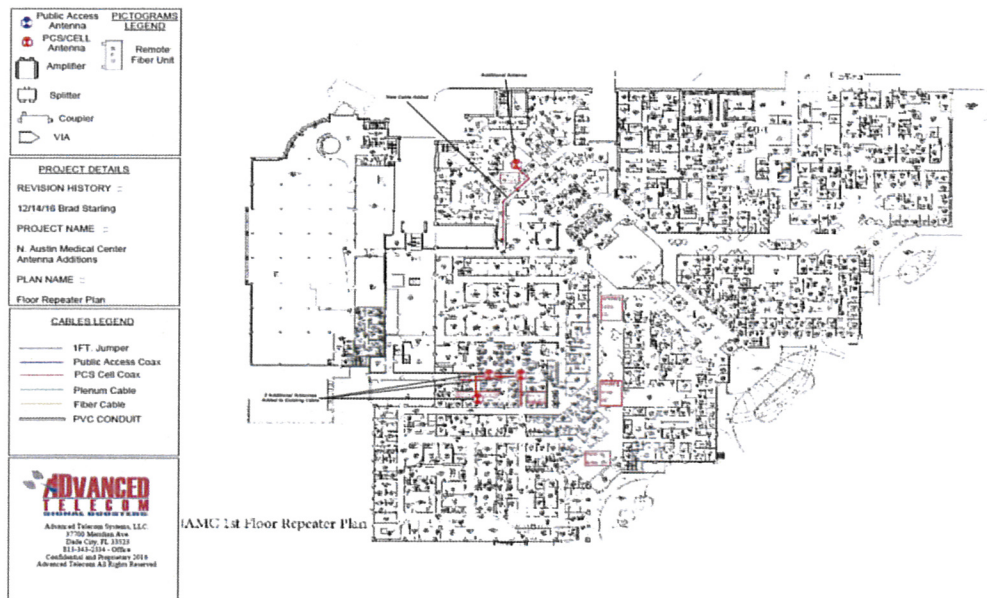


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- Mountain View Hospital



- North Austin Medical Center NAMC



Service Level Agreement

I. Maintenance and Monitoring Overview

Our monitoring and maintenance package includes the following:

- 24/7 monitoring services of cellular DAS and or repeater systems.
- 8 hour guaranteed call back/email tech support.
- 7-14 day onsite response.
- Coverage for all travel and labor costs associated with site visits.
- Onsite system check is based on the type of equipment deployed at Customer's site and can include the following:
 - Check outside signal strength and yagi antenna direction.
 - Rotate antenna to desired location based on signal strength and carrier cell tower direction.
 - Check amplifier filter screen, line check and power strength to make sure amperage is operating properly.
 - Check all connectors for moisture.
 - Check internal antennas and power supplies.
 - Make system update suggestions to keep the repeater functioning properly and ensure that software is up to date.
 - Check for any damage from lightning or unrelated construction activity by providing distance to fault tests on the cable infrastructure.

II. Conditions

- For monitoring services, Customer must provide an Ethernet drop with a dedicated IP address. (multiple drops and IP addresses may be required depending on job size and scope).
- This agreement does not cover replacement of parts after expiration of manufacturer's warranty.
- In the event of a National emergency, extreme weather advisory or any act of God, Advanced Telecom reserves the right to refuse dispatch of any of its

January 31, 2018

technicians if these events occur or are deemed possible to occur within the 7-14 day allowable time frame for dispatch to the Customer's facility.

- Subject to the terms of this Agreement, Advanced Telecom shall make all necessary adjustments and repairs to keep the Customer's repeater equipment in good operating condition.

Cost

Our pricing schedule is a firm fixed price. Pricing includes all labor, travel, setup costs, shipping, applicable taxes and miscellaneous material.

Price for installation/labor is based on the following assumptions:

Customer will provide:

- All conduit (as necessary).
- Lift or rental (as necessary).
- Cable trays or hanger brackets where required.
- Roof penetration or access to bring cables into building from donor. ***At no time will Advanced Telecom make any roof penetrations. Customer must provide a responsible way to get the cables from the roof to the inside of the building.
- Provide access to 110v A/C outlets as needed to provide power for amplifiers. (generally placed in telecom or electrical rooms/closets).
- Any and all local and state permits.
- Shipping and applicable taxes/fees.
- Painting, plastering or wall repair (Any such openings will be discussed prior to Advanced Telecom actually making the opening).
- Installation of access hatches in corridors if required, and the removal of any ceiling other than acoustical lay-in tile.

Additional costs may arise due to unforeseen circumstances that may have been hidden due to inaccessibility of walls, ceilings floors and/or conditions not previously disclosed to Advanced Telecom. Price breakdown is as follows:

Total Equipment/Installation cost: \$29,239.58

Advanced Telecom Systems

6710 W Linebaugh Ave.

Tampa, FL 33625 United States

(866)704-1197

Sales@BoostPoorSignal.com

**ADDRESS**

Paul Thompson

Kaysville City Police Station

QUOTE 7239**DATE 01/12/2018****EXPIRATION DATE 03/31/2018****PO NUMBER**

ACTIVITY	QTY	RATE	AMOUNT
SURECALL INDUSTRIAL AMPS:SURECALL Force 5 Industrial Amp SURECALL P/N SC-POLYI-80 - INDUSTRIAL FORCE-5 AMP	1	3,980.00	3,980.00
Public Safety:SC Guardian 3 80dB tri-band manually adjustable Public Safety bi-directional amplifier for areas up to 80,000 sq. ft.	1	3,980.00	3,980.00
Antennas:Indoor Omni Directional Antenna Indoor Omni Directional Antenna	10	99.50	995.00
Cable:LMR 600 Cable LMR 600 Cable	1,000	2.05	2,050.00
Connectors:LMR 600 Connectors LMR 600 Connectors	35	22.50	787.50
Jumpers:2' Jumper 2' Jumper With N Male Connectors.	9	32.00	288.00
002-TESS-COUPERS:15dB-COUPLER-AT/100 698-2700 MHz 15dB directional coupler. 19dB directivity. 50 watt. <0.6dB dissipative loss. N fem terminations. 5.35"x1.81"x.81"	2	96.90	193.80
Couplers:6dB 698-2700 Coupler 6dB 698-2700 Coupler	6	114.38	686.28

ACTIVITY	QTY	RATE	AMOUNT
006-SERVICES:100-Installation Installation prices are typically based on 2 installers unless otherwise noted. Price for installation includes the following assumptions: *Travel to and from the customers site. Travel costs include airfare, rental cars, gas, tolls or any other normal travel fees. *Any and all charged per diem. * Hotel or overnight stay. * All associated labor costs in accordance with the quote.	1	16,000.00	16,000.00
Antennas:Outdoor Donor Antenna Outdoor Donor Antenna	2	139.50	279.00

TOTAL

\$29,239.58

Accepted By

Accepted Date

Utah Communication's Qualifications

Utah Communications has been in business for over 64 years, and has an extensive background designing, deploying, and maintaining bi-directional radio enhancement systems (BDAs). Utah Communications has deployed a number of BDAs throughout the state. Most recently we able to do a BDA system for the North Salt Lake Police Department in their new public safety building with almost exactly the same circumstances as the Kaysville Police Dept. public safety building.

Utah Communications has also recently deployed a public safety BDA in the newly renovated Jordan River Temple as well as many of the LDS Temples in the area. We also were able to provide enhanced public safety coverage in the expansion of the Davis Medical Center in Layton, Utah and have worked with Weber State University and McKay Dee Hospital and others as well. We also helped West Valley City Police Department and West Valley Cultural Center achieve enhanced public safety coverage.

Past Performance and Reputation

Utah Communications has a proven track record of deploying and maintaining wide area systems and other communications systems. Utah Communications has also partnered with entities such as Alta Ski Resort, GSL Minerals, Rio Tinto (Kennecott Mine), Fresenius Medical, and Weber State University to address their communications needs. Our experience allows us to make informed engineering decisions that serve the best interest of our clients, and we have the proper resources to design and deploy systems to meet any requirements. For these reasons, Utah Communications is uniquely positioned to provide Kaysville City with a new public safety enhanced communications system.

Understanding of Project Requirements

It is our understanding that the new Kaysville Public Safety Building lacks adequate coverage for the public safety radios off of the UCA System and lacks cellular coverage with the existing Verizon cellular services. We have completed a site walk and have seen first-hand the areas in which the coverage is problematic. Through this extensive site walk we have been able to determine the best way to cover the areas in question. We have included a diagram of the equipment that is proposed and where each piece of equipment will be located in the system.

Date: January 5, 2018	Project: Public Safety & Verizon BDA
Installer: Troy Olson	Site: Kaysville Public Safety Building

NOTE 1: Quote valid for 60 days
NOTE 2:
NOTE 3:

[illegible]

Estimated Materials for: Kaysville City Police Department

Proposal Number: 18-01-V1017

Revision:

Description: Public Safety & Cellular DAS

Option:

Labor: \$32,234.12

Materials: \$37,561.21

DAS Permit Expenses:

Bonding:

Freight and Fees: \$1,364.71

Estimated Taxes: Not Included

Total: \$71,160.04

Qty.	Manufacturer	Part Number	Description	Material Unit	Material Extension
CELLULAR DAS SYSTEM					
1	ADRF	AD-PA-700-900-DIN	2x2 Planar Antenna, 698-894MHz; 15dBi; 30 Deg	\$915.97	\$915.97
1	ADRF	AD-PA-1900-2600-DIN	2x2 Planar Antenna, 18dBi Gain, 20 Degree Beam Width	\$915.97	\$915.97
1	NELLO CORP	103489	1 1/4" OD Pipe x 60" Height; 36" Square Base	\$142.67	\$142.67
2	WIRELESS SOLUTIONS	WSRM/18-48	1/2" x 18" x 48" Rubber Mat	\$22.56	\$45.12
1	WIRELESS SOLUTIONS	WS-EP4-1x1	4" Entry Port with Screws	\$31.42	\$31.42
1	WIRELESS SOLUTIONS	WS=B412-2	4" Cable Boot with 2ea 1/2" Hole	\$22.49	\$22.49
4	DURA BLOK	DBP	Rooftop Cable Support, 4" x 6" x 9.5" Long	\$33.97	\$135.88
5	LAIRD	CFSA69383P-30NF	1-Port Ceiling-flushed Ultra Low Profile Omni-Antenna	\$32.49	\$162.45
350	COMMSCOPE	AL4RPV-50	Coaxial Cable, 1/2", Plenum Aluminum	\$1.86	\$651.00
100	COMMSCOPE	LDF4-50A	Coaxial Cable, 1/2", PE Jacket	\$1.81	\$181.00
18	COMMSCOPE	L4TNM-PSA	Connector, 1/2" HL4, AVA4, LDF4 Cable, N-M	\$22.48	\$404.64
4	COMMSCOPE	L4TDM-PSA	Connector, 1/2" HL4, AVA4, LDF4 Cable, DIN-M	\$22.48	\$89.92
6	COMMSCOPE	PTS1P-NMNM-1M	PTS1-50-P, NM to NM 1 Meter	\$57.55	\$345.30
2	COMMSCOPE	PTS1P-NMNF-1M	PTS1-50-P, NM to NF 1 Meter	\$63.25	\$126.50
1	MICORLAB	D2-85FN	2-Way Splitter (698-2700MHz) 500W; Low PIM N	\$109.03	\$109.03
1	MICORLAB	DN-44FN	4.8dB Tapper, 350-5850MHz 500W; Low PIM (DN-44FN)	\$113.84	\$113.84
1	MICORLAB	DN-54FN	6dB Tapper, 350-5850MHz 500W; Low PIM (DN-54FN)	\$113.84	\$113.84
1	MICORLAB	DN-74FN	10dB Tapper, 350-5850MHz 500W; Low PIM (DN-74FN)	\$113.84	\$113.84
1	VENTEV	WSGB-2X10-IS	Ground Bar 2" x 10" x 1/4" w/Shelter Hardware	\$38.70	\$38.70
50	TELCOFLEX	57150401	KS24194 L4 6 AWG, Telcoflex Class B (Extraflex - No Braid) Green	\$1.61	\$80.50
25	TELCOFLEX	57192501	KS24194 L4 2 AWG, Telcoflex Class B (Extraflex - No Braid) Green	\$2.90	\$72.50
2	IZZY	22-38-1-I	Ground Lug - Compr - #2 - Long Barrel - Two 3/8" Holes, 1" Spacing OC, Windowed	\$2.87	\$5.74
2	IZZY	62-38-1-I	Ground Lug - Compr - #6, Two 3/8" Holes, 1" Spacing OC, Long Barrel, Windowed	\$2.93	\$5.86
2	IZZY	6-14-I	Ground Lug - Compr - #6, One 1/4" Hole, Long Barrel, Windowed	\$1.64	\$3.28
1	BURNDY	YC4C6	C-Tap, #6 AWG to #6 AWG	\$2.95	\$2.95
1	BURNDY	CCFBG-FR	Insulated Cover, #6AWG, Clear	\$7.82	\$7.82
2	COMMSCOPE	SG12-12B2U	Coax Grounding Kit, 1/2", Snap-on, 4' Lead	\$18.54	\$37.08
1	POLYPHASER	J-1	Grounding Clamp, Cold Water, Bronze 1/2" to 1 1/3"	\$28.11	\$28.11
2	ROHN	1/4 CCF	Grounding Clamp, Building Steel	\$2.08	\$4.16
2	POLYPHASER	TSX-NFF	Lightning Protector, 700-2700 MHz, NF-NF	\$83.79	\$167.58
2	POLYPHASER	BF-Adapter	Bulkhead to Flange Adapter	\$8.82	\$17.64
1	SANCHEM	No-OX	No-Ox, Dielectric Grease Anti-Oxidant, Corossion Prevent, 5oz	\$11.21	\$11.21
1	3M	HS2-0375-CL-4	Heat Shrink, Clear, 3/8", 2:1 Ratio, 4ft	\$1.74	\$1.74
1	COMMSCOPE	209800-15	Interior CLIC 1/2" Plastic Cable Hanger (Box of 100)	\$101.91	\$101.91
3	GARVIN	DST-500	5" Diameter Metal D Ring	\$3.41	\$10.23
1	VELCRO	189645	Velcro Roll 3/4" x 75'	\$31.25	\$31.25
1	WIRELESS SOLUTIONS	44800Nat	Cable Lacing Wax Twine (195 yds)	\$12.92	\$12.92
1	OPTIMUM	999-999-ofl	Cable P-Tags 1" x 1.75" (Qty 100)	\$47.77	\$47.77
1	HELLERMAN TYTON	T30LL0M4	Tie Wraps - 11" UV Rated (Qty 1000)	\$108.70	\$108.70
2	WIRELESS SOLUTIONS	wk-U	Universal Weatherproofing Kits	\$26.24	\$52.48
1	U-TECK	50104-FR	4' x 4' x 3/4" Fire Rated Plywood Backboard, Gray	\$69.84	\$69.84
1	LINX	MISC.	INSTALL HARDWARE	\$1,765.48	\$1,765.48
1	ADRF	SDR-24-700F	700 MHZ RF MODULE (90 dB MAX-GAIN 24 DBM COMPOSITE)	\$3,737.50	\$3,737.50
1	ADRF	SDR-24-A	AWS RF MODULE (90 dB MAX GAIN, 24 DBM COMPOSITE OUTPUT)	\$3,737.50	\$3,737.50
1	ADRF	SDR-CHC-V	OPTIONALCHANNEL COMBINER	\$1,625.00	\$1,625.00
1	ADRF	SDR-NMS	NETWORK MANAGEMENT SYSTEM WALL MOUNT	\$1,625.00	\$1,625.00

PUBLIC SAFETY DAS					
1	ADRF	AD-PA-700-900-DIN	2x2 Planar Antenna, 698-894MHz; 15dBi; 30 Deg	\$915.97	\$915.97
1	NELLO CORP	103489	1 1/4" OD Pipe x 60" Height; 36" Square Base	\$142.67	\$142.67
2	WIRELESS SOLUTIONS	WSRM/18-48	1/2" x 18" x 48" Rubber Mat	\$22.56	\$45.12
1	WIRELESS SOLUTIONS	WS-EP4-1x1	4" Entry Port with Screws	\$31.42	\$31.42
1	WIRELESS SOLUTIONS	WS-B412-2	4" Cable Boot with 2ea 1/2" Hole	\$22.49	\$22.49
4	DURA BLOK	DBP	Rooftop Cable Support, 4" x 6" x 9.5" Long	\$33.97	\$135.88
1	LAIRD	CFSA69383P-30NF	1-Port Ceiling-flushed Ultra Low Profile Omni-Antenna	\$32.49	\$32.49
100	COMMSCOPE	LDF4-50A	Coaxial Cable, 1/2", PE Jacket	\$1.81	\$181.00
100	COMMSCOPE	AL4RPV-50	Coaxial Cable, 1/2", Plenum Aluminum	\$1.86	\$186.00
4	COMMSCOPE	L4TNM-PSA	Connector, 1/2" HL4, AVA4, LDF4 Cable, N-M	\$22.48	\$89.92
2	COMMSCOPE	L4TDM-PSA	Connector, 1/2" HL4, AVA4, LDF4 Cable, DIN-M	\$22.48	\$44.96
5	COMMSCOPE	PTS1P-NMNM-1M	PTS1-50-P, NM to NM 1 Meter	\$57.55	\$287.75
2	COMMSCOPE	PTS1P-NMNF-1M	PTS1-50-P, NM to NF 1 Meter	\$63.25	\$126.50
1	MICROLAB/FXR	D2-85FN	2-Way Splitter (698-2700MHz) 500W; Low PIM N	\$109.03	\$109.03
1	WESTELL	BL-18N	800 MHz Public Safety Duplexer, N Type	\$769.57	\$769.57
1	VENTEV	WSGB-2X10-IS	Ground Bar 2" x 10" x 1/4" w/Shelter Hardware	\$38.70	\$38.70
50	TELCOFLEX	57150401	KS24194 L4 6 AWG, Telcoflex Class B (Extraflex - No Braid) Green	\$1.61	\$80.50
25	TELCOFLEX	57192501	KS24194 L4 2 AWG, Telcoflex Class B (Extraflex - No Braid) Green	\$2.90	\$72.50
2	IZZY	22-38-1-I	Ground Lug - Compr - #2 - Long Barrel - Two 3/8" Holes, 1" Spacing OC, Windowed	\$2.87	\$5.74
2	IZZY	62-38-1-I	Ground Lug - Compr - #6, Two 3/8" Holes, 1" Spacing OC, Long Barrel, Windowed	\$2.93	\$5.86
2	IZZY	6-14-I	Ground Lug - Compr - #6, One 1/4" Hole, Long Barrel, Windowed	\$1.64	\$3.28
1	BURNDY	YC4C6	C-Tap, #6 AWG to #6 AWG	\$2.95	\$2.95
1	BURNDY	CCFBG-FR	Insulated Cover, #6AWG, Clear	\$7.82	\$7.82
1	COMMSCOPE	SG12-12B2U	Coax Grounding Kit, 1/2", Snap-on, 4' Lead	\$18.54	\$18.54
1	POLYPHASER	J-1	Grounding Clamp, Cold Water, Bronze 1/2" to 1 1/3"	\$28.11	\$28.11
2	ROHN	1/4 CCF	Grounding Clamp, Building Steel	\$2.08	\$4.16
1	POLYPHASER	TSX-NFF	Lightning Protector, 700-2700 MHz, NF-NF	\$83.79	\$83.79
1	POLYPHASER	BF-Adapter	Bulkhead to Flange Adapter	\$8.82	\$8.82
1	SANCHEM	No-OX	No-Ox, Dielectric Grease Anti-Oxidant, Corossion Prevent, 5oz	\$11.21	\$11.21
1	3M	HS2-0375-CL-4	Heat Shrink, Clear, 3/8", 2:1 Ratio, 4ft	\$1.74	\$1.74
1	COMMSCOPE	209800-15	Interior CLIC 1/2" Plastic Cable Hanger (Box of 100)	\$101.91	\$101.91
3	GARVIN	DST-500	5" Diameter Metal D Ring	\$3.41	\$10.23
1	VELCRO	189645	Velcro Roll 3/4" x 75'	\$31.25	\$31.25
1	WIRELESS SOLUTIONS	44800Nat	Cable Lacing Wax Twine (195 yds)	\$12.92	\$12.92
1	OPTIMUM	999-999-ofl	Cable P-Tags 1" x 1.75" (Qty 100)	\$47.77	\$47.77
1	HELLERMAN TYTON	T30LL0M4	Tie Wraps - 11" UV Rated (Qty 1000)	\$108.70	\$108.70
1	ALPHA TECH.	TE27-2218-FXM650-1BT	NEMA 4 Enclosure for Batteries, 27"x22"x18"	\$4,861.42	\$4,861.42
1	ALPHA TECH.	017-236-45	FXM650, 120VAC Input and Output, Battery Bus with SNMP	\$893.47	\$893.47
4	ALPHA TECH.	1810226	AlphaCell XTV Battery, 12V 56Ah, Top M6-Fem Term	\$160.91	\$643.64
1	ALPHA TECH.	0370260-001	Remote Battery Management Kit	\$671.15	\$671.15
1	WIRELESS SOLUTIONS	wk-U	Universal Weatherproofing Kits	\$26.24	\$26.24
1	U-TECK	50104-FR	4' x 4' x 3/4" Fire Rated Plywood Backboard, Gray	\$69.84	\$69.84
1	LINX	MISC.	MISC. HARDWARE	\$1,858.11	\$1,858.11
1	CSI/WESTELL	PS51080 NFPA 72	NFPA compliant, Class B, 700/800 MHz Public Safety repeater, 27dBm Duplex input and Output	\$6,698.74	\$6,698.74

Scope of Work

Cellular DAS System

- LINX to Provide and Install a ADRF Passive DAS Enhancing 700Mhz and AWS LTE Services for Verizon in the Kaysville City Police Department.
- LINX to provide and install (2) high isolation donor antennas on a non-penetrating roof mount with grounding and weatherproofing.
- LINX to provide, install, terminate & test up to (100) ft. of Commscope 1/2" outdoor rated coaxial cable.
- LINX to provide, install, terminate & test up to (350) ft. of Commscope 1/2" plenum rated coaxial cable.
- LINX to provide and install an ADRF Modular repeater supporting 700Mhz and AWS services.
- LINX assumes horizontal cabling will be supported by existing cable trays as noted in the RFP. If cable supports are required, a scope adjustment maybe required.
- LINX to sweep test all cable segments with lost test, high/low band return loss and high/low band distance to fault.
- LINX to provide and install (5) Laird omni antenna.
- LINX to provide grounding for all electronics installed.
- LINX assumes (6) fire rated sleeves will be needed in penetrating any fire rated wall or surface.
- LINX to label all DAS electronics, splitters, antennas and cable segments at both ends.
- LINX has included (1) round of data collection services for VZW 2100MHz AWS ONLY using Data Pro.

Public Safety DAS System

- LINX to Provide and Install a Westell Passive DAS Enhancing 800MHz Public Safety Services in the Kaysville City Police Department.
- LINX to provide and install (1) high isolation donor antenna on a non-penetrating roof mount with grounding and weatherproofing.
- LINX to provide, install, terminate & test up to (100) ft. of Commscope 1/2" outdoor rated coaxial cable.
- LINX to provide, install, terminate & test up to (100) ft. of Commscope 1/2" plenum rated RED coaxial cable.
- LINX to provide and install (12) hours battery backup in a NEMA 4 rated enclosure.
- LINX to provide and install (1) Westell public safety repeater.
- LINX to sweep test all cable segments with lost test, high/low band return loss and high/low band distance to fault.
- LINX to provide and install (1) Laird omni antenna.
- LINX to provide grounding for all electronics installed.
- LINX will provide and install cable tags to denote cabling associated with the public safety wireless system.
- LINX will initiate contact with the local authority of jurisdiction such that the existence of a public safety system will be known to the appropriate local public safety institutions
- LINX will perform (1) "grid" style data collection to establish and document system performance prior and after installation.

RFP Responses

- Similar recent project Profile:
 - Utah Valley University – deployed an 800MHz refresh project for the campus for the public safety system.
 - Ebay – installation of a large scale neutral host DAS for their secure data center in South Jordan, UT. Expansion into Building 3 is pending.
 - West Valley City Hall – DAS system update for Sprint.
 - BYU Stadium – Large 30 sector neutral host DAS deployment supporting all 4 carriers.
 - University of Colorado Healthcare – deployment of 800MHz public safety systems and neutral host DAS system for new and existing hospitals. We are currently supporting 6 hospitals with 3 more being added in 2018.
- Kaysville City Police Department, with an executed rebroadcast agreement from Verizon will technically be the operator of the DAS. We can provide maintenance and monitoring support if the Police Department is interested in that.
- Proposed timeline to complete work is an estimated 7-10 business days.

Bid Exclusions, Unless specified under the Scope of Work

- LINX has not included any conduit in this proposal.
- LINX has not included any costs associated with cutting, patching, and painting hard lid ceilings.
- LINX has not included any labor or costs to paint or stealth any indoor or outdoor DAS antennas.
- No structural or thermal engineering factored into this proposal.
- No A&E drawings factored into quote.
- LINX has not included any GPR scans, X-Rays or coring in this quote.
- LINX has not included any costs associated with security escorts.
- LINX has not included any costs for PE stamped prints. If required a change order may be required.
- Installation of owner furnished equipment.
- Bid Bond or Performance Bond
- Asbestos abatement or toxic waste removal.
- Builders Risk Insurance.
- Cutting or channeling of millwork or Cutting of Raised Flooring
- Delays and/or extension of the project schedule.
- All Fees associated with the usage of a Construction Payment Management System, such as Textura, will be charged back to the customer.

Bid Clarifications and Terms

- LINX assumes adequate signal strength is available at the proposed roof top donor location to provide as input to the Wireless & Public Safety BDA.
- LINX assumes an existing roof penetration will be utilized for donor cable pathway.
- The project work to be performed will be completed during normal business hours (7 am to 5 pm).
- The work environment has been assumed to be free of hazardous materials and free from asbestos. Owner is responsible for supplying to LINXs with the information concerning the safety issues of hazardous material for the disclosure to all employees working on the project.
- Any additional labor or materials requested by Owner not included in the scope of this response will constitute a change order. All change orders must be in writing, signed by both the Owner personnel who has signature authority, and a LINX representative.
- Warranty - LINX warrants all labor services to be free of workman-ship defects for a period of 1 year from the date that the work is performed. During this 1-year period, LINX will promptly repair any defects that are deemed LINX's responsibility.
- Downtime - If LINX personnel are unable to work due to any circumstances outside of LINX's control, LINX will invoice for the lost man-hours at the standard LINX hourly rate, a minimum of four hours per man within 50 miles of a LINX office.

Accepted By:

Title: _____

Date: _____

P.O. # _____

Signature: _____

Proposal is valid for 30 days.

By signing above you are approving the Bill of Materials as shown and agree to pay any fees resulting in changes to material or labor (i.e. color, type, quantity, etc)



STAFF REPORT



COUNCIL MEETING DATE: March 1, 2018
ITEM NO.:

TYPE OF ITEM: Consent
PRESENTED BY: Andy Thompson, City Engineer

SUBJECT/AGENDA TITLE: Award of Bid for the 2018 Mill and Overlay Projects

EXECUTIVE SUMMARY:

Staff has designed and bid a street maintenance project to Mill and Overlay several streets throughout the City. The low bidder is Black Forest Paving with a bid price of \$1,502,004.05. Staff has investigated Black Forest Paving and found that they meet the required qualifications and requirements for this job.

The engineers estimate was \$1,685,698.50.

Council Options:

- 1) Award the bid to Black Forrest Paving.
- 2) Award the bid to another qualified bidder
- 3) Not award the bid

Recommended Options:

Staff recommends that the bid for the 2018 Mill and Overlay Project be awarded to Black Forrest Paving in the amount of \$1,502,004.05.

Under the City's procurement policy a bid should be awarded to the lowest qualified bidder. Black Forrest Paving has shown that they are qualified to meet the requirements of this project.

Fiscal Impact & Fund Source for Recommended Action:

This project will be paid for through available C-road funds.

Attachments:

- 1) Location Map
- 2) Letter of recommendation
- 3) Bid tabulation

KAYSVILLE CITY CORPORATION
Kaysville 2018 Mill and Overlay Project
J-U-B Project No. 55-18-035-100
1/25/18

				Engineer Estimate		Black Forest Paving		Staker Parson		Granite Construction	
Bid Item	Description	Unit	Bid Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	Mobilization	EA	1	\$ 10,000.00	\$ 10,000.00	\$ 72,000.00	\$ 72,000.00	\$ 20,000.00	\$ 20,000.00	\$ 52,850.00	\$ 52,850.00
2	Traffic Control	EA	1	\$ 12,500.00	\$ 12,500.00	\$ 35,000.00	\$ 35,000.00	\$ 57,737.08	\$ 57,737.08	\$ 22,000.77	\$ 22,000.77
3	Mill Existing Asphalt (2")	SF	840,420	\$ 0.20	\$ 168,084.00	\$ 0.11	\$ 92,446.20	\$ 0.07	\$ 58,829.40	\$ 0.10	\$ 84,042.00
4	Mill Existing Asphalt (3")	SF	45,620	\$ 0.25	\$ 11,405.00	\$ 0.22	\$ 10,036.40	\$ 0.18	\$ 8,211.60	\$ 0.26	\$ 11,861.20
5	Mill Existing Asphalt (4")	SF	85,810	\$ 0.30	\$ 25,743.00	\$ 0.28	\$ 24,026.80	\$ 0.20	\$ 17,162.00	\$ 0.29	\$ 24,884.90
6	Asphalt Replacement, APWA PG 58-28 w/ 15% RAP	TON	14,000	\$ 60.00	\$ 840,000.00	\$ 58.20	\$ 814,800.00	\$ 60.00	\$ 840,000.00	\$ 65.00	\$ 910,000.00
7	Pre-lower Manhole	EA	80	\$ 250.00	\$ 20,000.00	\$ 145.00	\$ 11,600.00	\$ 275.00	\$ 22,000.00	\$ 270.00	\$ 21,600.00
8	Pre-lower Valve Box	EA	100	\$ 200.00	\$ 20,000.00	\$ 145.00	\$ 14,500.00	\$ 165.00	\$ 16,500.00	\$ 260.00	\$ 26,000.00
9	Remove Monument	EA	5	\$ 220.00	\$ 1,100.00	\$ 145.00	\$ 725.00	\$ 218.00	\$ 1,090.00	\$ 260.00	\$ 1,300.00
10	Raise Manhole	EA	80	\$ 575.00	\$ 46,000.00	\$ 650.00	\$ 52,000.00	\$ 682.00	\$ 54,560.00	\$ 550.00	\$ 44,000.00
11	Raise Valve Box	EA	100	\$ 300.00	\$ 30,000.00	\$ 340.00	\$ 34,000.00	\$ 409.00	\$ 40,900.00	\$ 300.00	\$ 30,000.00
12	Replace Monument	EA	5	\$ 425.00	\$ 2,125.00	\$ 375.00	\$ 1,875.00	\$ 550.00	\$ 2,750.00	\$ 380.00	\$ 1,900.00
13	Unclassified Roadway Excavation	CY	6,856	\$ 17.00	\$ 116,552.00	\$ 10.00	\$ 68,560.00	\$ 10.00	\$ 68,560.00	\$ 6.00	\$ 41,136.00
14	Untreated 3/4" Base Course	TON	1,585	\$ 23.00	\$ 36,455.00	\$ 14.90	\$ 23,616.50	\$ 17.00	\$ 26,945.00	\$ 8.00	\$ 12,680.00
15	Pit Run	TON	7,068	\$ 18.00	\$ 127,224.00	\$ 9.40	\$ 66,439.20	\$ 15.90	\$ 112,381.20	\$ 7.00	\$ 49,476.00
16	Geo Fabric	SF	100,970	\$ 0.13	\$ 13,126.10	\$ 0.06	\$ 6,058.20	\$ 0.10	\$ 10,097.00	\$ 0.20	\$ 20,194.00
17	Paving Fabric	SF	840,420	\$ 0.13	\$ 109,254.60	\$ 0.10	\$ 84,042.00	\$ 0.10	\$ 84,042.00	\$ 0.14	\$ 117,658.80
18	Sawcut Asphalt	LF	2,420	\$ 1.25	\$ 3,025.00	\$ 1.20	\$ 2,904.00	\$ 1.00	\$ 2,420.00	\$ 0.65	\$ 1,573.00
19	Asphalt Striping - Double Yellow	LF	8,757	\$ 1.15	\$ 10,070.55	\$ 0.25	\$ 2,189.25	\$ 0.25	\$ 2,189.25	\$ 0.25	\$ 2,189.25
20	Asphalt Striping - Double Yellow- Solid/Dashed	LF	9,651	\$ 1.00	\$ 9,651.00	\$ 0.25	\$ 2,412.75	\$ 0.25	\$ 2,412.75	\$ 0.15	\$ 1,447.65
21	Asphalt Striping - Single White	LF	2,471	\$ 0.75	\$ 1,853.25	\$ 0.25	\$ 617.75	\$ 0.16	\$ 395.36	\$ 0.13	\$ 321.23
22	Asphalt Striping - Single White Dotted Line	LF	4,880	\$ 0.25	\$ 1,220.00	\$ 0.25	\$ 1,220.00	\$ 0.16	\$ 780.80	\$ 0.05	\$ 244.00
23	Asphalt Striping - Cross Walk	LF	490	\$ 5.00	\$ 2,450.00	\$ 2.00	\$ 980.00	\$ 1.70	\$ 833.00	\$ 0.98	\$ 480.20
24	Asphalt Striping - Cross Walk High Visibility	LF	50	\$ 6.00	\$ 300.00	\$ 7.00	\$ 350.00	\$ 6.90	\$ 345.00	\$ 6.50	\$ 325.00
25	Asphalt Striping - Stop Bar	LF	440	\$ 4.00	\$ 1,760.00	\$ 2.00	\$ 880.00	\$ 1.70	\$ 748.00	\$ 1.00	\$ 440.00
26	Pavement Marking - Arrow	EA	25	\$ 40.00	\$ 1,000.00	\$ 25.00	\$ 625.00	\$ 23.00	\$ 575.00	\$ 15.00	\$ 375.00
27	Asphalt Striping - "SCHOOL"	EA	2	\$ 100.00	\$ 200.00	\$ 120.00	\$ 240.00	\$ 103.00	\$ 206.00	\$ 56.00	\$ 112.00
28	Pre-lower Rectangular Box	EA	12	\$ 650.00	\$ 7,800.00	\$ 220.00	\$ 2,640.00	\$ 652.00	\$ 7,824.00	\$ 370.00	\$ 4,440.00
29	Raise Rectangular Box	EA	12	\$ 650.00	\$ 7,800.00	\$ 1,210.00	\$ 14,520.00	\$ 1,520.00	\$ 18,240.00	\$ 550.00	\$ 6,600.00
30	Raise Manhole not previously lowered	EA	20	\$ 600.00	\$ 12,000.00	\$ 650.00	\$ 13,000.00	\$ 733.00	\$ 14,660.00	\$ 725.00	\$ 14,500.00
31	Asphalt Level Course	TON	500	\$ 50.00	\$ 25,000.00	\$ 63.00	\$ 31,500.00	\$ 63.00	\$ 31,500.00	\$ 70.00	\$ 35,000.00
32	Install Owner Supplied Crushed Concrete	CY	1,000	\$ 12.00	\$ 12,000.00	\$ 16.20	\$ 16,200.00	\$ 19.55	\$ 19,550.00	\$ 10.00	\$ 10,000.00
				Total	\$ 1,685,698.50	Total	\$ 1,502,004.05	Total	\$ 1,544,444.44	Total	\$ 1,549,631.00

KAYSVILLE CITY CORPORATION
Kaysville 2018 Mill and Overlay Project
J-U-B Project No. 55-18-035-100
1/25/18

				Advanced Paving & Construction		Post Asphalt & Construction		Morgan Asphalt		Consolidated Paving & Concrete	
Bid Item	Description	Unit	Bid Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	Mobilization	EA	1	\$ 12,465.00	\$ 12,465.00	\$ 15,000.00	\$ 15,000.00	\$ 24,500.00	\$ 24,500.00	\$ 55,000.00	\$ 55,000.00
2	Traffic Control	EA	1	\$ 47,000.00	\$ 47,000.00	\$ 49,000.00	\$ 49,000.00	\$ 46,750.00	\$ 46,750.00	\$ 29,150.00	\$ 29,150.00
3	Mill Existing Asphalt (2")	SF	840,420	\$ 0.08	\$ 67,233.60	\$ 0.16	\$ 134,467.20	\$ 0.16	\$ 134,467.20	\$ 0.24	\$ 201,700.80
4	Mill Existing Asphalt (3")	SF	45,620	\$ 0.22	\$ 10,036.40	\$ 0.33	\$ 15,054.60	\$ 0.23	\$ 10,492.60	\$ 0.32	\$ 14,598.40
5	Mill Existing Asphalt (4")	SF	85,810	\$ 0.25	\$ 21,452.50	\$ 0.30	\$ 25,743.00	\$ 0.24	\$ 20,594.40	\$ 0.40	\$ 34,324.00
6	Asphalt Replacement, APWA PG 58-28 w/ 15% RAP	TON	14,000	\$ 67.40	\$ 943,600.00	\$ 65.00	\$ 910,000.00	\$ 64.79	\$ 907,060.00	\$ 63.48	\$ 888,720.00
7	Pre-lower Manhole	EA	80	\$ 300.00	\$ 24,000.00	\$ 141.00	\$ 11,280.00	\$ 225.00	\$ 18,000.00	\$ 495.00	\$ 39,600.00
8	Pre-lower Valve Box	EA	100	\$ 285.00	\$ 28,500.00	\$ 141.00	\$ 14,100.00	\$ 112.00	\$ 11,200.00	\$ 275.00	\$ 27,500.00
9	Remove Monument	EA	5	\$ 285.00	\$ 1,425.00	\$ 135.00	\$ 675.00	\$ 112.00	\$ 560.00	\$ 275.00	\$ 1,375.00
10	Raise Manhole	EA	80	\$ 620.00	\$ 49,600.00	\$ 650.00	\$ 52,000.00	\$ 798.00	\$ 63,840.00	\$ 385.00	\$ 30,800.00
11	Raise Valve Box	EA	100	\$ 325.00	\$ 32,500.00	\$ 336.00	\$ 33,600.00	\$ 395.00	\$ 39,500.00	\$ 247.50	\$ 24,750.00
12	Replace Monument	EA	5	\$ 425.00	\$ 2,125.00	\$ 364.00	\$ 1,820.00	\$ 670.00	\$ 3,350.00	\$ 385.00	\$ 1,925.00
13	Unclassified Roadway Excavation	CY	6,856	\$ 12.00	\$ 82,272.00	\$ 6.00	\$ 41,136.00	\$ 15.50	\$ 106,268.00	\$ 20.26	\$ 138,902.56
14	Untreated 3/4" Base Course	TON	1,585	\$ 17.00	\$ 26,945.00	\$ 22.00	\$ 34,870.00	\$ 18.50	\$ 29,322.50	\$ 21.21	\$ 33,617.85
15	Pit Run	TON	7,068	\$ 13.00	\$ 91,884.00	\$ 12.50	\$ 88,350.00	\$ 12.25	\$ 86,583.00	\$ 17.91	\$ 126,587.88
16	Geo Fabric	SF	100,970	\$ 0.07	\$ 7,067.90	\$ 0.10	\$ 10,097.00	\$ 0.09	\$ 9,087.30	\$ 0.04	\$ 4,038.80
17	Paving Fabric	SF	840,420	\$ 0.07	\$ 58,829.40	\$ 0.14	\$ 117,658.80	\$ 0.08	\$ 67,233.60	\$ 0.06	\$ 50,425.20
18	Sawcut Asphalt	LF	2,420	\$ 1.00	\$ 2,420.00	\$ 1.00	\$ 2,420.00	\$ 1.95	\$ 4,719.00	\$ 0.55	\$ 1,331.00
19	Asphalt Striping - Double Yellow	LF	8,757	\$ 0.27	\$ 2,364.39	\$ 0.23	\$ 2,014.11	\$ 0.60	\$ 5,254.20	\$ 0.72	\$ 6,305.04
20	Asphalt Striping - Double Yellow- Solid/Dashed	LF	9,651	\$ 0.17	\$ 1,640.67	\$ 0.23	\$ 2,219.73	\$ 0.38	\$ 3,667.38	\$ 0.66	\$ 6,369.66
21	Asphalt Striping - Single White	LF	2,471	\$ 0.14	\$ 345.94	\$ 0.23	\$ 568.33	\$ 0.30	\$ 741.30	\$ 0.39	\$ 963.69
22	Asphalt Striping - Single White Dotted Line	LF	4,880	\$ 0.05	\$ 244.00	\$ 0.23	\$ 1,122.40	\$ 0.30	\$ 1,464.00	\$ 0.28	\$ 1,366.40
23	Asphalt Striping - Cross Walk	LF	490	\$ 1.04	\$ 509.60	\$ 2.50	\$ 1,225.00	\$ 2.80	\$ 1,372.00	\$ 1.38	\$ 676.20
24	Asphalt Striping - Cross Walk High Visibility	LF	50	\$ 7.20	\$ 360.00	\$ 7.00	\$ 350.00	\$ 6.15	\$ 307.50	\$ 2.75	\$ 137.50
25	Asphalt Striping - Stop Bar	LF	440	\$ 1.14	\$ 501.60	\$ 2.50	\$ 1,100.00	\$ 1.40	\$ 616.00	\$ 1.38	\$ 607.20
26	Pavement Marking - Arrow	EA	25	\$ 19.00	\$ 475.00	\$ 25.00	\$ 625.00	\$ 39.25	\$ 981.25	\$ 33.00	\$ 825.00
27	Asphalt Striping - "SCHOOL"	EA	2	\$ 63.00	\$ 126.00	\$ 70.00	\$ 140.00	\$ 67.00	\$ 134.00	\$ 66.00	\$ 132.00
28	Pre-lower Rectangular Box	EA	12	\$ 396.00	\$ 4,752.00	\$ 216.00	\$ 2,592.00	\$ 280.00	\$ 3,360.00	\$ 605.00	\$ 7,260.00
29	Raise Rectangular Box	EA	12	\$ 625.00	\$ 7,500.00	\$ 1,210.00	\$ 14,520.00	\$ 1,395.00	\$ 16,740.00	\$ 825.00	\$ 9,900.00
30	Raise Manhole not previously lowered	EA	20	\$ 790.00	\$ 15,800.00	\$ 648.00	\$ 12,960.00	\$ 795.00	\$ 15,900.00	\$ 440.00	\$ 8,800.00
31	Asphalt Level Course	TON	500	\$ 70.00	\$ 35,000.00	\$ 75.00	\$ 37,500.00	\$ 68.00	\$ 34,000.00	\$ 66.67	\$ 33,335.00
32	Install Owner Supplied Crushed Concrete	CY	1,000	\$ 17.00	\$ 17,000.00	\$ 24.00	\$ 24,000.00	\$ 16.50	\$ 16,500.00	\$ 29.49	\$ 29,490.00
				Total	\$ 1,595,975.00	Total	\$ 1,658,208.17	Total	\$ 1,684,565.23	Total	\$ 1,810,514.18

KAYSVILLE CITY CORPORATION
Kaysville 2018 Mill and Overlay Project
J-U-B Project No. 55-18-035-100
1/25/18

				Geneva Rock Products		Miller Paving		Kilgore	
Bid Item	Description	Unit	Bid Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	Mobilization	EA	1	\$ 105,000.00	\$ 105,000.00	\$ 44,100.00	\$ 44,100.00	\$ 190,000.00	\$ 190,000.00
2	Traffic Control	EA	1	\$ 45,000.00	\$ 45,000.00	\$ 42,000.00	\$ 42,000.00	\$ 100,000.00	\$ 100,000.00
3	Mill Existing Asphalt (2")	SF	840,420	\$ 0.26	\$ 218,509.20	\$ 0.21	\$ 176,488.20	\$ 0.19	\$ 159,679.80
4	Mill Existing Asphalt (3")	SF	45,620	\$ 0.55	\$ 25,091.00	\$ 0.30	\$ 13,686.00	\$ 0.36	\$ 16,423.20
5	Mill Existing Asphalt (4")	SF	85,810	\$ 0.47	\$ 40,330.70	\$ 0.32	\$ 27,459.20	\$ 0.45	\$ 38,614.50
6	Asphalt Replacement, APWA PG 58-28 w/ 15% RAP	TON	14,000	\$ 66.75	\$ 934,500.00	\$ 67.25	\$ 941,500.00	\$ 58.00	\$ 812,000.00
7	Pre-lower Manhole	EA	80	\$ 155.00	\$ 12,400.00	\$ 230.00	\$ 18,400.00	\$ 265.00	\$ 21,200.00
8	Pre-lower Valve Box	EA	100	\$ 153.45	\$ 15,345.00	\$ 160.00	\$ 16,000.00	\$ 250.00	\$ 25,000.00
9	Remove Monument	EA	5	\$ 148.00	\$ 740.00	\$ 445.00	\$ 2,225.00	\$ 250.00	\$ 1,250.00
10	Raise Manhole	EA	80	\$ 708.00	\$ 56,640.00	\$ 834.00	\$ 66,720.00	\$ 545.00	\$ 43,600.00
11	Raise Valve Box	EA	100	\$ 367.00	\$ 36,700.00	\$ 375.00	\$ 37,500.00	\$ 285.00	\$ 28,500.00
12	Replace Monument	EA	5	\$ 398.00	\$ 1,990.00	\$ 500.00	\$ 2,500.00	\$ 375.00	\$ 1,875.00
13	Unclassified Roadway Excavation	CY	6,856	\$ 10.00	\$ 68,560.00	\$ 26.83	\$ 183,946.48	\$ 20.50	\$ 140,548.00
14	Untreated 3/4" Base Course	TON	1,585	\$ 7.00	\$ 11,095.00	\$ 19.35	\$ 30,669.75	\$ 21.35	\$ 33,839.75
15	Pit Run	TON	7,068	\$ 6.00	\$ 42,408.00	\$ 17.20	\$ 121,569.60	\$ 19.50	\$ 137,826.00
16	Geo Fabric	SF	100,970	\$ 0.06	\$ 6,058.20	\$ 0.11	\$ 11,106.70	\$ 0.07	\$ 7,067.90
17	Paving Fabric	SF	840,420	\$ 0.14	\$ 117,658.80	\$ 0.11	\$ 92,446.20	\$ 0.13	\$ 109,254.60
18	Sawcut Asphalt	LF	2,420	\$ 2.50	\$ 6,050.00	\$ 0.86	\$ 2,081.20	\$ 1.00	\$ 2,420.00
19	Asphalt Striping - Double Yellow	LF	8,757	\$ 0.30	\$ 2,627.10	\$ 0.25	\$ 2,189.25	\$ 0.24	\$ 2,101.68
20	Asphalt Striping - Double Yellow- Solid/Dashed	LF	9,651	\$ 0.20	\$ 1,930.20	\$ 0.25	\$ 2,412.75	\$ 0.15	\$ 1,447.65
21	Asphalt Striping - Single White	LF	2,471	\$ 0.15	\$ 370.65	\$ 0.16	\$ 395.36	\$ 0.12	\$ 296.52
22	Asphalt Striping - Single White Dotted Line	LF	4,880	\$ 0.05	\$ 244.00	\$ 0.16	\$ 780.80	\$ 0.05	\$ 244.00
23	Asphalt Striping - Cross Walk	LF	490	\$ 1.10	\$ 539.00	\$ 1.83	\$ 896.70	\$ 0.92	\$ 450.80
24	Asphalt Striping - Cross Walk High Visibility	LF	50	\$ 7.45	\$ 372.50	\$ 8.00	\$ 400.00	\$ 6.30	\$ 315.00
25	Asphalt Striping - Stop Bar	LF	440	\$ 1.20	\$ 528.00	\$ 1.81	\$ 796.40	\$ 1.01	\$ 444.40
26	Pavement Marking - Arrow	EA	25	\$ 17.70	\$ 442.50	\$ 28.00	\$ 700.00	\$ 15.00	\$ 375.00
27	Asphalt Striping - "SCHOOL"	EA	2	\$ 65.00	\$ 130.00	\$ 125.00	\$ 250.00	\$ 55.40	\$ 110.80
28	Pre-lower Rectangular Box	EA	12	\$ 236.00	\$ 2,832.00	\$ 1,035.00	\$ 12,420.00	\$ 250.00	\$ 3,000.00
29	Raise Rectangular Box	EA	12	\$ 1,322.00	\$ 15,864.00	\$ 2,415.00	\$ 28,980.00	\$ 550.00	\$ 6,600.00
30	Raise Manhole not previously lowered	EA	20	\$ 710.00	\$ 14,200.00	\$ 834.00	\$ 16,680.00	\$ 700.00	\$ 14,000.00
31	Asphalt Level Course	TON	500	\$ 73.05	\$ 36,525.00	\$ 67.25	\$ 33,625.00	\$ 70.00	\$ 35,000.00
32	Install Owner Supplied Crushed Concrete	CY	1,000	\$ 12.00	\$ 12,000.00	\$ 21.41	\$ 21,410.00	\$ 24.00	\$ 24,000.00
				Total	\$ 1,832,680.85	Total	\$ 1,952,334.59	Total	\$ 1,957,484.60



J-U-B ENGINEERS, INC.

J-U-B COMPANIES



**THE
LANGDON
GROUP**



**GATEWAY
MAPPING
INC.**

February 21, 2018

Mr. Shayne Scott
City Manager
23 East Center Street
Kaysville, Utah 84037

Re: 2018 Mill and Overlay Project

Dear Shayne,

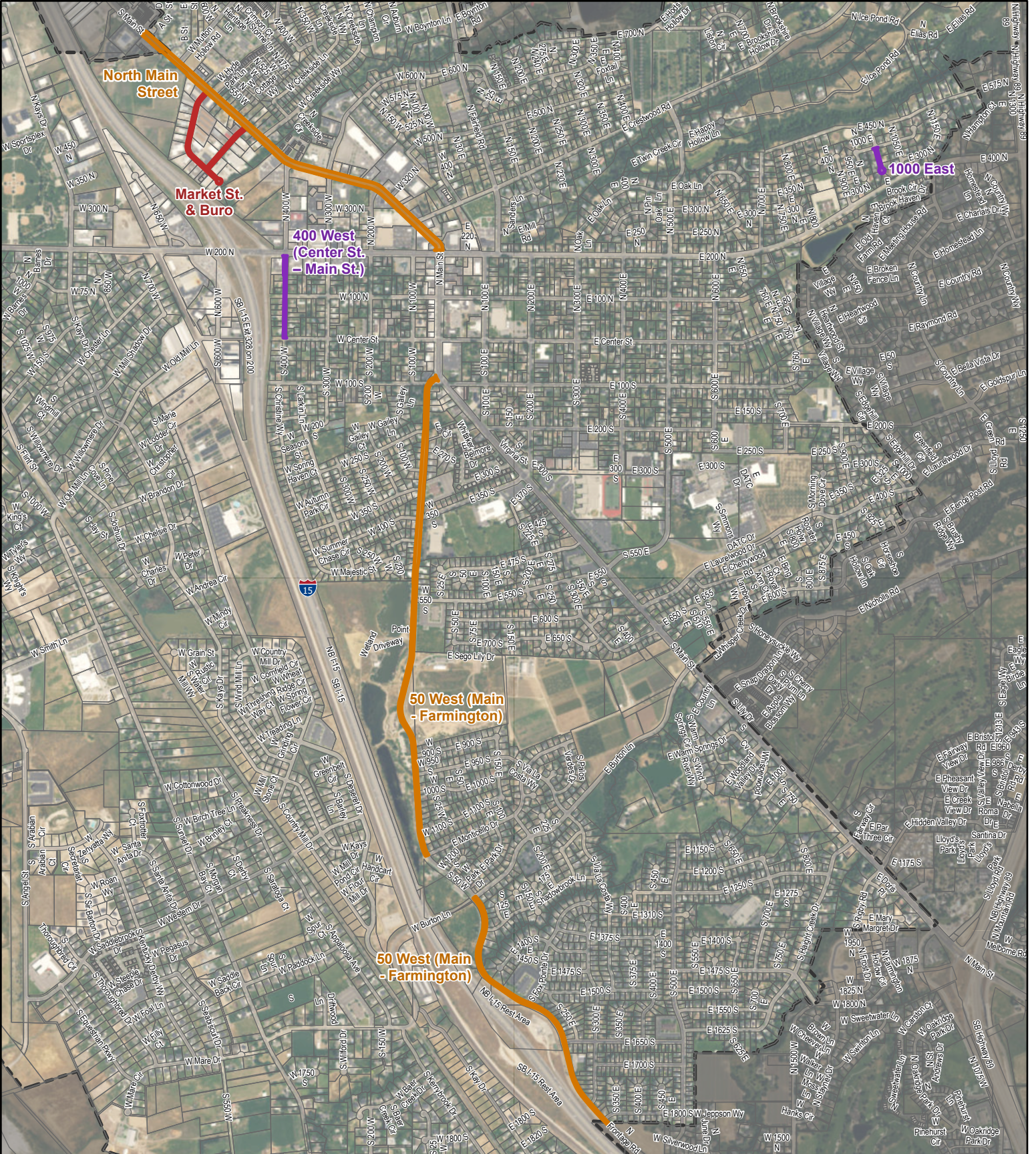
Enclosed is a bid tabulation of the bids opened on Thursday January 25, 2018 for the above mentioned project and three copies of the Notice of Award. The apparent Low Bidder and Bid Amount are as follows:

Apparent Low Bidder:	Black Forest Paving 9524 S. Feulner Park Road West Jordan, UT 84081
Telephone:	(801) 280-1313
Fax:	(801) 280-1314
Total Bid Amount:	\$1,502,004.05

Based upon the criteria we have established and the information received, we recommend that the project be awarded to Black Forest Paving. We trust this information will meet your needs.

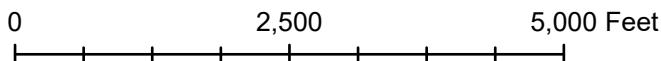
Best Regards,
J-U-B ENGINEERS, Inc.

Shane McFarland, P.E.
Project Manager



Mill & Overlay Project Overview 2018

- 2" Mill & Overlay
- 3" Mill Asphalt Replacement
- 4" Mill Asphalt Replacement



STAFF REPORT



COUNCIL MEETING DATE: March 1, 2018

ITEM NO.:

TYPE OF ITEM: Consent

PRESENTED BY: Andy Thompson, City Engineer

SUBJECT/AGENDA TITLE: Award of Bid for the 2018 Street Seal Project

EXECUTIVE SUMMARY:

Staff has designed and bid a street maintenance project to seal coat several streets throughout the City. The low bidder is Advanced Paving and Construction with a bid price of \$232,238.45. Advanced Paving has done work for the City in the past and has shown that they can meet all of the requirements of this job.

The engineers estimate was \$284,224.86

Council Options:

- 1) Award the bid to Advanced Paving.
- 2) Award the bid to another qualified bidder
- 3) Not award the bid

Recommended Options:

Staff recommends that the bid for the 2018 Street Seal Project be awarded to Advanced Paving and Construction in the amount of \$232,238.45.

Under the City's procurement policy a bid should be awarded to the lowest qualified bidder. Advanced Paving has shown that they are qualified to meet the requirements of this project.

Fiscal Impact & Fund Source for Recommended Action:

This project will be paid for through available C-road funds.

Attachments:

- 1) Location Map
- 2) Letter of recommendation
- 3) Bid tabulation



J-U-B ENGINEERS, INC.

J-U-B COMPANIES



**THE
LANGDON
GROUP**



**GATEWAY
MAPPING
INC.**

February 21, 2018

Mr. Shayne Scott
City Manager
23 East Center Street
Kaysville, Utah 84037

Re: 2018 Street Seal Project

Dear Shayne,

Enclosed is a bid tabulation of the bids opened on Thursday January 25, 2018 for the above mentioned project and three copies of the Notice of Award. The apparent Low Bidder and Bid Amount are as follows:

Apparent Low Bidder:	Advanced Paving and Construction P.O. Box 12847 Ogden, UT 84412
	Telephone: (801) 731-7882
	Fax: (801) 731-7885
Total Bid Amount:	\$232,238.45

Based upon the criteria we have established and the information received, we recommend that the project be awarded to Advanced Paving and Construction. We trust this information will meet your needs.

Best Regards,
J-U-B ENGINEERS, Inc.

Shane McFarland, P.E.
Project Manager

KAYSVILLE CITY CORPORATION**Kaysville 2018 Street Seal Project**

J-U-B Project No. 55-18-035-200

1/25/18

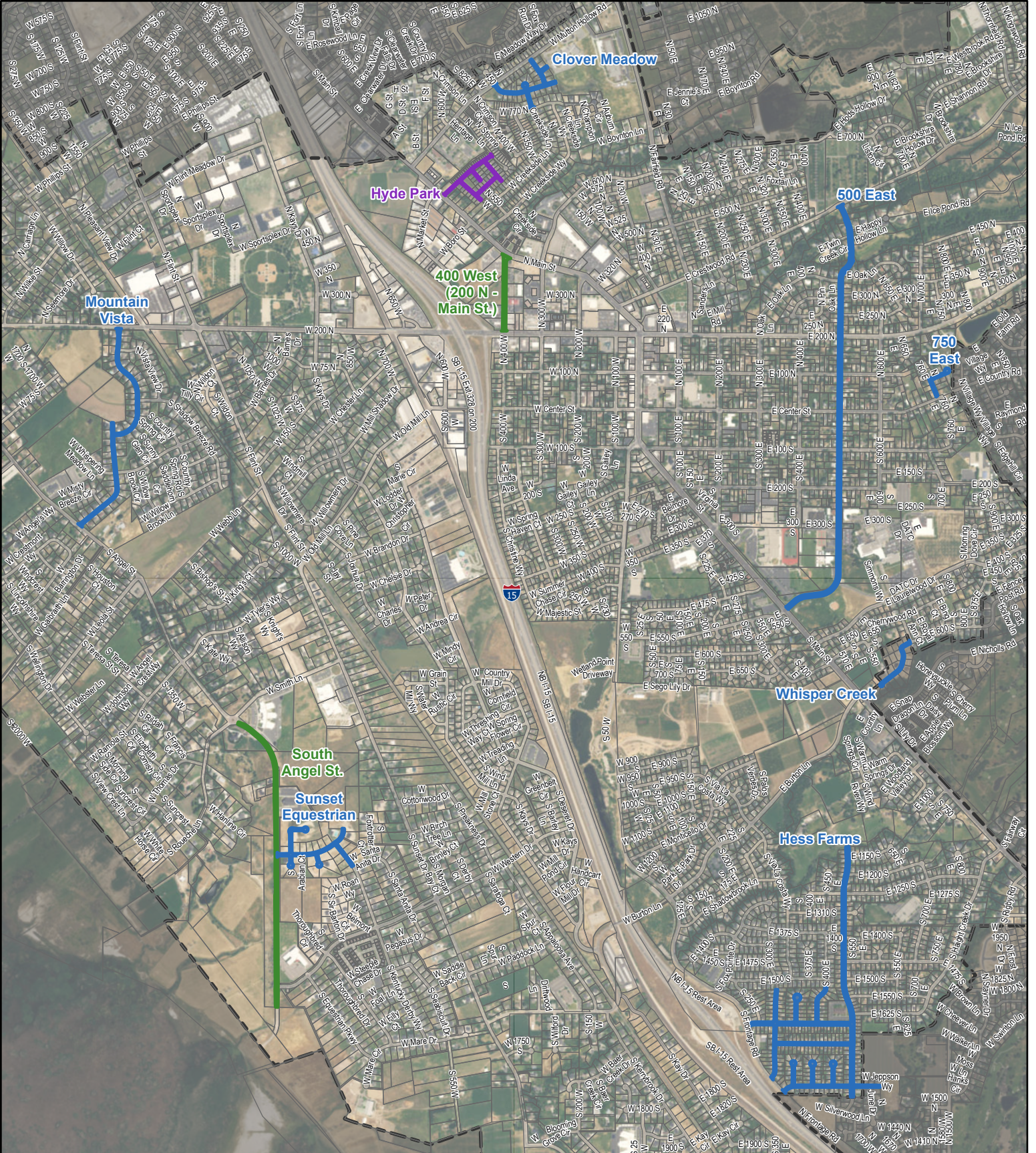
Bid Item	Description	Unit	Bid Quantity	Engineer Estimate		Advanced Paving & Construction		Post Asphalt & Construction	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	Mobilization	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 1,000.00	\$ 1,000.00	\$ 4,500.00	\$ 4,500.00
2	Traffic Control	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 13,500.00	\$ 13,500.00	\$ 3,950.00	\$ 3,950.00
3	Furnish and Install Chip Seal with Fog Seal Coat	SF	236,768	\$ 0.23	\$ 54,456.64	\$ 0.270	\$ 63,927.36	\$ 0.240	\$ 56,824.32
4	Furnish and Install Type II Slurry	SF	56,052	\$ 0.11	\$ 6,165.72	\$ 0.170	\$ 9,528.84	\$ 0.190	\$ 10,649.88
5	Furnish and Install Asphalt Polymer Treatment	SF	1,093,025	\$ 0.18	\$ 196,744.50	\$ 0.130	\$ 142,093.25	\$ 0.160	\$ 174,884.00
6	Asphalt Striping - Double Yellow	LF	200	\$ 1.15	\$ 230.00	\$ 2.50	\$ 500.00	\$ 1.05	\$ 210.00
7	Asphalt Striping - Double Yellow/ Solid Dash	LF	280	\$ 1.00	\$ 280.00	\$ 1.55	\$ 434.00	\$ 1.05	\$ 294.00
8	Asphalt Striping - Cross Walk	LF	100	\$ 5.00	\$ 500.00	\$ 1.30	\$ 130.00	\$ 4.20	\$ 420.00
9	Asphalt Striping - Cross Walk High Visibility	LF	100	\$ 6.00	\$ 500.00	\$ 9.40	\$ 940.00	\$ 5.25	\$ 525.00
10	Asphalt Striping - Stop Bar	LF	50	\$ 4.00	\$ 300.00	\$ 1.30	\$ 65.00	\$ 2.10	\$ 105.00
11	Asphalt Striping - Arrow	EA	2	\$ 40.00	\$ 80.00	\$ 21.00	\$ 42.00	\$ 26.25	\$ 52.50
12	Asphalt Striping - "SCHOOL"	EA	1	\$ 75.00	\$ 75.00	\$ 78.00	\$ 78.00	\$ 55.00	\$ 55.00
				Total	\$ 284,224.86	Total	\$ 232,238.45	Total	\$ 252,469.70

KAYSVILLE CITY CORPORATION**Kaysville 2018 Street Seal Project**

J-U-B Project No. 55-18-035-200

1/25/18

Bid Item	Description	Unit	Bid Quantity	Morgan Pavement		Eckles Paving		Consolidated Paving & Concrete		Holbrook Asphalt Co.	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	Mobilization	LS	1	\$ 925.00	\$ 925.00	\$ 21,500.00	\$ 21,500.00	\$ 4,614.40	\$ 4,614.40	\$ 6,540.00	\$ 6,540.00
2	Traffic Control	LS	1	\$ 5,800.00	\$ 5,800.00	\$ 3,000.00	\$ 3,000.00	\$ 3,360.00	\$ 3,360.00	\$ 7,274.00	\$ 7,274.00
3	Furnish and Install Chip Seal with Fog Seal Coat	SF	236,768	\$ 0.35	\$ 82,868.80	\$ 0.528	\$ 125,013.50	\$ 0.230	\$ 54,456.64	\$ 0.348	\$ 82,395.26
4	Furnish and Install Type II Slurry	SF	56,052	\$ 0.15	\$ 8,407.80	\$ 0.165	\$ 9,248.58	\$ 0.200	\$ 11,210.40	\$ 0.216	\$ 12,107.23
5	Furnish and Install Asphalt Polymer Treatment	SF	1,093,025	\$ 0.166	\$ 181,442.15	\$ 0.127	\$ 138,814.18	\$ 0.210	\$ 229,535.25	\$ 0.165	\$ 180,349.13
6	Asphalt Striping - Double Yellow	LF	200	\$ 4.00	\$ 800.00	\$ 2.60	\$ 520.00	\$ 0.67	\$ 134.00	\$ 4.28	\$ 856.00
7	Asphalt Striping - Double Yellow/ Soild Dash	LF	280	\$ 2.50	\$ 700.00	\$ 2.60	\$ 728.00	\$ 0.56	\$ 156.80	\$ 2.63	\$ 736.40
8	Asphalt Striping - Cross Walk	LF	100	\$ 7.00	\$ 700.00	\$ 2.60	\$ 260.00	\$ 1.12	\$ 112.00	\$ 7.20	\$ 720.00
9	Asphalt Striping - Cross Walk High Visibility	LF	100	\$ 7.00	\$ 700.00	\$ 2.60	\$ 260.00	\$ 2.24	\$ 224.00	\$ 7.20	\$ 720.00
10	Asphalt Striping - Stop Bar	LF	50	\$ 3.50	\$ 175.00	\$ 2.60	\$ 130.00	\$ 1.40	\$ 70.00	\$ 3.60	\$ 180.00
11	Asphalt Striping - Arrow	EA	2	\$ 58.00	\$ 116.00	\$ 50.00	\$ 100.00	\$ 53.20	\$ 106.40	\$ 60.00	\$ 120.00
12	Asphalt Striping - "SCHOOL"	EA	1	\$ 69.00	\$ 69.00	\$ 100.00	\$ 100.00	\$ 95.20	\$ 95.20	\$ 72.00	\$ 72.00
Total					\$ 282,703.75	Total	\$ 299,674.26	Total	\$ 304,075.09	Total	\$ 292,070.02



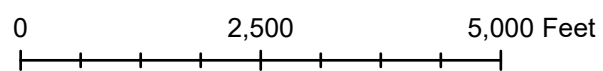
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Mastic & Chip Seal Project Overview

2018

- High Density Mineral Bond
- Chip Seal
- Type II Slurry



STAFF REPORT



MEETING DATE: March 1, 2018

ITEM NUMBER:

TYPE OF ITEM: Action (tabled item)

PRESENTED BY: Andy Thompson, City Engineer

SUBJECT/AGENDA TITLE: Preliminary Plat Approval for The Preserve Subdivision Located at Approximately 150 South Angel Street – Symphony Homes

EXECUTIVE SUMMARY:

At the February 15, 2018 City Council meeting this item was reviewed and tabled. Based on concerns raised by the public, Symphony was asked to review their construction access to alleviate impacts on the adjacent neighborhood. Symphony Homes has reported that they have met with the original property owner of the development property and received approval to provide a roadbase construction access from Angel Street in September.

The street configuration was also discussed with regard to the number and length of the cul-de-sacs. Symphony was asked to review the street layout and see if something else could work.

COUNCIL OPTIONS:

- 1) Approve the Preliminary Plat as proposed.
- 2) Deny the Preliminary plat and state the specific reasons for the denial.
- 3) Approve the Preliminary Plat subject to specific modifications or conditions.

RECOMMENDED OPTIONS:

Staff recommends that the City Council approve the preliminary plat as proposed with the condition that an acceptable temporary construction access road from Angel Street be provided no later than October 1, 2018.

FISCAL IMPACT & FUND SOURCE FOR RECOMMENDED ACTION:

No City funds will be expended for this project.

ATTACHMENTS:

- 1) February 15, 2018 staff report with attachments



STAFF REPORT



MEETING DATE: February 15, 2018

ITEM NUMBER:

TYPE OF ITEM: Action

PRESENTED BY: Andy Thompson, City Engineer

SUBJECT/AGENDA TITLE: Preliminary Plat Approval for The Preserve Subdivision
Located at Approximately 150 South Angel Street – Symphony Homes

EXECUTIVE SUMMARY:

This property was recently rezoned to the R-1-LD zone and now a preliminary plat has been submitted. The plat consists of 82 lots, including two existing homes, on 41.35 acres with lot sizes ranging from 13,000 square feet to over a half an acre. These lots all meet the requirements of the R-1-LD zone for frontage and lot size. The plat also includes an area of open space, parcel A, which is intended as a community pool and an area of open space, parcel B, which will be a landscaped detention basin.

This plat contains 4 cul-de-sacs of which 3 are near the allowed maximum length of 600 feet. While the City does not prohibit this, staff has some concern with this layout in regards to traffic circulation, emergency services and water quality. Kaysville City Ordinance 19-5-1, "Arrangement of Streets" states that "the arrangement of streets shall provide for access to and circulation within the vicinity of the subdivision...as determined by the City" while this layout provides access to the property, it does not create circulation within the subdivision.

On January 11, the Planning Commission reviewed this project and was generally satisfied, with the exception of the road layout. After much discussion the Planning Commission recommended denial of the preliminary plat, stating that they felt the road pattern, particularly the three long cul-de-sacs, did not provide for reasonable connectivity, created potential traffic concerns by not dispersing traffic, and it was not in the interest of public safety. This recommendation was approved with a four to one vote.

Symphony Homes considered these comments and modified the preliminary plat by adding pedestrian trails between the cul-de-sacs.

COUNCIL OPTIONS:

- 1) Approve the Preliminary Plat as proposed.
- 2) Deny the Preliminary plat and state the specific reasons for the denial.
- 3) Approve the Preliminary Plat subject to specific modifications.
- 4) Table the Preliminary Plat with specific direction.

RECOMMENDED OPTIONS:

Staff recommends that the City Council review the street layout and if they are comfortable with the cul-de-sacs as proposed, then they should grant preliminary plat approval since the plat meets all of the minimum requirements for the R-1-LD zone and the requirements for preliminary plat approval. If the City Council feels that the road pattern is not satisfactory, they should review City Ordinance 19-5-1 and 19-5-2 as they relate to this issue and determine if the proposed plat meets the minimum requirements outlined. If the plat does not meet these minimum requirements, a specific explanation of the deficiencies should be given and the plat denied.

FISCAL IMPACT & FUND SOURCE FOR RECOMMENDED ACTION:

No City funds will be expended for this project.

ATTACHMENTS:

- 1) Area Map
- 2) Preliminary plat
- 3) Ordinance 19-5-1, 19-5-2
- 4) Draft Minutes from the January 11, 2018 Planning Commission Meeting



This is an aerial map of a residential neighborhood. A large, irregularly shaped parcel in the center is highlighted with a thick yellow border. This parcel appears to be a mix of developed and undeveloped land, including a large open field and some existing structures. The surrounding area is densely packed with residential lots, many of which have houses. Several streets are labeled, including 200 N, Angel St, 175 S, 1700 W, Mountain Vistas Rd, Misty Breeze Cir, and others. The map also shows some larger undeveloped areas and a river or stream in the lower right corner.

Chapter 5 Subdivision Standards

- [19-5-1 Arrangement Of Streets](#)
- [19-5-2 Streets](#)
- [19-5-3 Blocks](#)
- [19-5-4 Lots](#)
- [19-5-5 Easements](#)
- [19-5-6 Parks And Other Public Places](#)

19-5-1 Arrangement Of Streets

The arrangement of streets shall provide for access to and circulation within the vicinity of the subdivision and the continuation of streets in lands adjoining the subdivision, as determined by the City. The street arrangement shall not cause unnecessary hardship to owners of adjoining property when they plat their own land and seek to provide for convenient access to it. Half streets along the boundary of land proposed for subdivision or within any part of a subdivision will not be permitted.

19-5-2 Streets

1. **Major Streets.** Arterial, collector, and significant local streets shall conform to the width designated on the Major Street Plan wherever a subdivision falls in an area for which a Major Street Plan has been adopted. For areas where the street plan has not been completed at the time the preliminary plat is submitted to the Planning Commission, arterial, collector, or significant local streets shall be provided as required by the Planning Commission.
2. **Local Streets.** Local streets shall have a minimum width of fifty-five feet (55') with sixty-six feet (66') required for streets that will have greater use as determined by the City Engineer.
3. **Cul-de-sac Streets.** Cul-de-sacs shall not be longer than six hundred feet (600') from the centerline of the adjoining street to the center of the cul-de-sac. Each cul-de-sac must be terminated by a turnaround of not less than 100 feet in diameter. If surface water drains into the turnaround due to the grade of the street, necessary catch basins and drainage systems and easements shall be provided.

KAYSVILLE CITY PLANNING COMMISSION

January 11, 2018

Members Attending: Vice-Chairperson Stroh DeCaire, Matthew Anderson, Gary Bullock, Lorene Kamalu, Joshua Sundloff

Excused: Betty Parker, Thomas Wood

Staff Present: City Engineer Andy Thompson, Zoning Administrator Lyle Gibson, City Attorney Nic Mills, Secretary Annemarie Plaizier

Others Present: Council Member Larry Page, Adam Howard, Sarina Howard, Greg Brown, Lynda Webster, Brad Magnuson, Jason Spencer, Isaac Riches, Brian Allen, Kole Allen, Russell Wilson

PUBLIC HEARING AND PRELIMINARY PLAT APPROVAL FOR THE PRESERVE SUBDIVISION AT 101 SOUTH ANGEL STREET – SYMPHONY HOMES

Andy Thompson explained that the property located at 101 South Angel Street was recently rezoned to the R-1-LD zone and Symphony Homes has now submitted a preliminary plat for approval. The plat consists of eighty-two lots, including two existing homes, on 41.35 acres. Lots range in size from 13,000 square feet to over half an acre. These lots all meet the requirements of the R-1-LD zone for frontage and lot size. The plat also includes one area of open space shown as Parcel A on the plat, which is intended as a community pool. The proposed plat contains four cul-de-sacs, three of which are near the allowed maximum length of six-hundred feet. While the City does not prohibit this, Staff has some concern with this layout in regards to traffic circulation, emergency services and water quality. Cul-de-sacs are also the lowest priority for our snow plow crews. Kaysville City Ordinance 19-5-1 “Arrangement of Streets” states that the arrangement of streets shall provide for access to and circulation within the vicinity of the subdivision as determined by the City. While this layout provides access to the property, it does not create circulation within the subdivision.

Vice-Chairperson Stroh DeCaire opened the Public Hearing.

Greg Brown, living in the Mountain Vistas Subdivision, said that he is on their HOA board and knows many in the subdivision are in favor of this subdivision and feel that Symphony Homes has created a very compatible plan. However, there is concern about not being able to have access to this subdivision from Angel Street until this subdivision is almost fully developed. It is a safety concern to continue to add more homes and more traffic to only one access point. There will also be a lot of construction traffic on their roads. A secondary access point should be built immediately to allow for traffic and pedestrians to travel here safely. Mr. Brown said that he understands the cul-de-sacs meet the city standards, but would rather see better plan to address traffic flow.

There were no further comments or questions from the public. Vice-Chairperson Stroh DeCaire closed the Public Hearing.

Lorene Kamalu said that in their meeting when the rezone of this property was discussed, many neighbors spoke about this development and had legitimate fears about traffic and the amount of homes to be built here. This proposed plan doesn't disperse traffic well and could bottleneck traffic. Mrs. Kamalu asked if other road patterns had been considered.

Russell Wilson, representing Symphony Homes, said that their company is very particular about the dimensions of their lots to ensure their house floorplans will fit on the lots. Almost all of the proposed lots exceed the minimum lot requirement. They have found that most people prefer to own a home on a cul-de-sac. They are more marketable and they are the first ones to sell. Most people don't want to have to deal with cut-through traffic on straightaway roads. They did look at other roadway plans for this development, including connecting two of the cul-de-sacs. However, it created narrower lots and really limited the floorplans they could use.

Josh Sundloff said that he took some time to review this proposed plat and feels that a better road design could be created to allow for better connectivity, without having to reduce the number of building lots significantly. The proposed cul-de-sacs significantly reduces neighborhood connectivity. It will promote more of a dependency on cars for the residents here, and will unevenly distribute traffic because it forces all the traffic from the cul-de-sacs onto one road. Roads should be designed to have an even distribution of traffic load. This road design overburdens one road, when it needs to be designed to alleviate as much traffic as possible.

Gary Bullock asked about the Harvey's property to the north and if they planned on developing.

Russell Wilson responded that they have been told that the Harvey's don't plan on developing their property anytime soon.

Gary Bullock said that walking paths could be put between the cul-de-sac lots for pedestrian travel, but that won't address creating better vehicular traffic flow.

Stroh DeCaire said he agrees with Mr. Sundloff's comments and asked about the possibility of constructing a temporary access road connecting to Angel Street.

Russell Wilson said that they will be building the roads as each phase is developed and it will probably take about four years to complete. The Webster family currently owns the property and would like to continue to farm the rest of the land while construction occurs. Therefore as part of their agreement, Symphony Homes is only purchasing pieces of their land as each phase is developed. Therefore Symphony Homes does not own the land needed to be able to create that road access point to Angel Street until the final phase of this development is purchased from the Webster's.

Lorene Kamalu commented that the residents of Mountain Vistas will definitely see an increase in traffic through their neighborhood.

Josh Sundloff said that he feels that this subdivision will still be marketable and a community people will want to live in without the cul-de-sac streets.

Russell Wilson responded that creating a subdivision plan with no cul-de-sacs will create more corner lots, which will then to be harder to sell because they have a larger setback.

Gary Bullock commented that he feels that this subdivision plan could be redesigned to create a more conducive street pattern. This proposed plat is creating a cul-de-sac community and takes away from the connectivity.

Matthew Anderson said that removing the larger lots at the bulbs of the cul-de-sacs is removing about fifteen of the more marketable lots. Would this development still be financially sustainable?

Lorene Kamalu commented that these proposed cul-de-sacs are much longer than any others in the area. They are going to be either at the maximum, or close to the maximum, length allowed.

Lorene Kamalu made a motion to recommend denial of the preliminary plat for The Preserve Subdivision at 101 South Angel Street for Symphony Homes, based on concerns about disbursing traffic long-term through the city, and connectivity concerns because of the proposed cul-de-sacs, which are close to the maximum length allowed for cul-de-sacs by city code. Josh Sundloff seconded the motion.

Voting was as follows:

Gary Bullock	yea
Lorene Kamalu	yea
Matthew Anderson	yea
Stroh DeCaire	nay
Josh Sundloff	yea

The motion passed with a vote of four to one.

THE PRESERVE

PRELIMINARY

LOCATED IN THE SE 1/4 OF SECTION 32 AND SW 1/4 OF SECTION 33, T4N, R1W,
SALT LAKE BASE & MERIDIAN
KAYSVILLE CITY, DAVIS COUNTY, UTAH

EAST 1/4 CORNER OF
SECTION 32, T4N, R1W, SLB&M
DAVIS COUNTY MONUMENT

SURVEYORS CERTIFICATE

I, Spencer W. Llewellyn, do hereby certify that I am a Professional Land Surveyor, and that I hold Certificate No. 10516507 in accordance with Title 58, Chapter 22 of Utah State Code. I further certify by authority of the owner(s) that I have completed a Survey of the property described on this Plat in accordance with Section 17-21-17 of said Code, and have subdivided said tract of land into lots, blocks, streets, and easements, and the same has, or will be correctly surveyed, staked and monumented on the ground as shown on this Plat, and that this Plat is true and correct.

Spencer W. Llewellyn
Professional Land Surveyor
Certificate No. 10516507

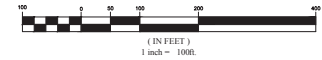
Date

BOUNDARY DESCRIPTION

A portion of the SE 1/4 of Section 32 and the SW 1/4 of Section 33, Township 4 North, Range 1 West, Salt Lake Base and Meridian, Kayville, Utah, more particularly described as follows:
Beginning at a point on the Westerly line of MOUNTAIN VISTAS PHASE 1A CLUSTER SUBDIVISION SECOND AMENDED, according to the Official Plat thereof on file in the Office of the Davis County Recorder, located S00°07'30"W along the Section line 400.59 feet from the East 1/4 Corner of Section 32, T4N, R1W, SLB&M, thence S00°06'02"E along said plat and along the Westerly line of MOUNTAIN VISTAS PHASE 1A CLUSTER SUBDIVISION, according to the Official Plat thereof on file in the Office of the Davis County Recorder 191.59 feet; thence along said subdivision the following 6 (six) courses and distances: S55°02'46"E 209.22 feet; thence S49°42'46"E 235.11 feet; thence S80°22'46"E 540.51 feet; thence S78°42'14"W 204.23 feet; thence N65°14'48"W 181.57 feet; thence S00°03'30"W 457.43 feet to the Northerly corner of WHISPERING MEADOW LAND WEBSTER SUBDIVISION, according to the Official Plat thereof on file in the Office of the Davis County Recorder; thence S59°50'14"W along said plat and along the Northerly line of WHISPERING MEADOW LAND WEBSTER SUBDIVISION, according to the Official Plat thereof on file in the Office of the Davis County Recorder 1,091.32 feet; thence along said ANGEL STREET CHURCH SUBDIVISION the following 2 (two) courses and distances: Southwesterly along the arc of non-tangent curve to the left having a radius of 478.69 feet (radius bears: S30°09'47"E) a distance of 79.81 feet through a central angle of 09°31'11" (chord: S55°03'38"W 79.72 feet); thence S50°17'03"W 9.95 feet to the Northerly line of Angel Street; thence S50°17'00"W along said plat 251.60 feet to the Northerly line of Angel Street; thence N39°41'17"W along said street 169.60 feet; thence N50°17'00"E 334.95 feet; thence N50°43'00"W 131.00 feet; thence S50°17'00"W 334.90 feet to the Northerly line of Angel Street; thence N39°41'17"W along said street 145.01 feet to the Southerly corner of WALDRON FARMS SUBDIVISION, according to the Official Plat thereof on file in the Office of the Davis County Recorder; thence N50°17'00"E along said plat 1,275.75 feet to the Southerly line of BERBERT SUBDIVISION, according to the Official Plat thereof on file in the Office of the Davis County Recorder; thence S38°12'07"E along said plat 4.69 feet; thence N50°00'00"E along said plat and along a Boundary Line Agreement recorded as Entry No. 2823497 of the Official Records of Davis County 801.41 feet to the point of beginning.

Contains: 41.35 acres +/-

GRAPHIC SCALE



NOTES:

1. PARCEL A IS TO BE OWNED AND MAINTAINED BY THE BOA.
2. PARCEL B IS TO BE DEDICATED TO KAYSVILLE CITY AS A STORM WATER DETENTION POND.
3. LOTS 261 AND 262 CONTAIN EXISTING HOMES WHICH ARE TO REMAIN AND BE KNOWN AS "WEBSTER HOMESTEAD".

SOUTHEAST CORNER OF
SECTION 32, T4N, R1W, SLB&M
(CALCULATED POSITION)



PLANNING COMMISSION

Approved as to form this _____ day of _____
20____ by the Kayville City Planning Commission.

Chairman, Planning Commission

CITY ENGINEER

Approved as to form this _____ day of _____
A.D., 20____

Kayville City Engineer

CITY ATTORNEY

Approved as to form this _____ day of _____
A.D., 20____

Kayville City Attorney

CITY COUNCIL

Presented to the Kayville City Council this _____ day of _____
approved and accepted.

Mayor

Attest: _____
City Recorder

RECORDED

State of Utah, County of Davis
Recorded at the request of _____

Date _____ Time _____ Book _____ Page _____

\$ _____
Fee _____ County Recorder