A) CALL TO ORDER

B) PLEDGE OF ALLEGIANCE AND INVOCATION

C) ROLL CALL & APPROVAL OF THE AGENDA

D) CITIZEN COMMENTS
   All comments are limited to a maximum of three minutes for each speaker. In accordance with the Open Meetings Act, City Council members may not discuss or take action on any item that is not on the Agenda.

E) RECOGNITIONS, PROCLAMATIONS, AWARDS, & NOMINATIONS
   1. Recreation Commission – Aaron Zadina – December 31, 2021
   2. Economic Development Board – Carolyn Morton - December 31, 2020
   3. Housing Authority- December 31, 2021

F) CONSENT AGENDA
   These items are routine and enacted by one motion. There will be no separate discussion of these items unless a Council member so requests. Any consent agenda item can be removed and placed on the agenda as an item of business.
   1. Approval of Minutes
      a. Regular Meeting – November 6, 2017
   2. Appropriation Ordinance
      a. Ordinance #1112

G) ITEMS OF BUSINESS
   1. Solar Panels – City Hall
   2. Union Pacific Discussion

H) CITY ATTORNEY’S REPORT

I) CITY ADMINISTRATOR’S REPORT

J) GOVERNING BODY COMMENTS

K) EXECUTIVE SESSION
   “Recess into executive session to review the City Administrator’s performance pursuant to the non-elected personnel matter exception, K.S.A 75-4319(b)(1). The open meeting will resume in the city council chambers at (time).”

L) ADJOURNMENT

NOTICE: SUBJECT TO REVISIONS

It is possible that sometime between 5:30 and 6:00 pm immediately prior to this meeting, during breaks, and directly after the meeting, a majority of the Governing Body may be present in the council chambers or lobby of City Hall. No one is excluded from these areas during those times.

To be placed on future agendas please contact City Administrator Kyler Ludwig at administrator@greensburgks.org or call City Offices at 620-723-2751.
Greensburg City Council
November 6, 2017
City Hall

A) CALL TO ORDER
Mayor Robert Dixson called the November 6, 2017 meeting to order at 6:00 p.m.

B) PLEDGE OF ALLEGIANCE & INVOCATION
The Pledge of Allegiance was said, and the invocation was given by Dixson.

C) ROLL CALL & APPROVAL OF THE AGENDA
Council Present: Matt Christenson, Haley Kern, Mark Trummel, Sandy Jungemann, and Rick Schaffer. Jungemann made a motion to approve the agenda as presented. Trummel seconded. Motion passed 5-0.

D) CITIZEN COMMENTS
Dixson welcomed those in attendance and opened the floor for citizen comments, of which there were none.

E) CONSENT AGENDA
Kern made a motion, seconded by Jungemann, to approve the Consent Agenda as presented. The motion passed 5-0.

F) ITEMS OF BUSINESS
   1. 903 N. Sycamore Discussion
As requested by Council at its previous meeting, City Administrator Kyler Ludwig opened discussion on property located at 903 N. Sycamore. The owner of the property was not present, but was aware the discussion was to take place. Since the last Council Meeting, the structure has been placed on a foundation (deadline was October 7th); however, no other deadlines set by the owner have been met. At this time, the property owner had planned to have shingles removed, the walls and roof wrapped, doors and windows installed by October 31st. A porch was also planned to be built prior to the first freeze, which took place October 31st. A “hard freeze” has not occurred yet. At the last Council meeting, Arrow Zanghi, the owner of the property, stated that he would not have trouble meeting the deadlines.

Kern and Jungemann each voiced concern over what to do about the project. Kern stated that Council needed to either commit to allowing the project to happen on Zanghi’s timeline or put their foot down. Christenson pointed out that the timeline presented was created by Zanghi. Trummel voiced that he believes that Zanghi understands that he has until February to complete the exterior of the structure. Christenson said that he felt his previous motion on the project was clear. Zanghi has until the end of February to complete the exterior of the structure, but he must also meet the milestone dates that he presented to Council. Trummel noted that the house mover delayed Zanghi having the structure set. Kern voiced that she was not sure Council was doing Zanghi any favors by continuing to delay abatement. Christenson reviewed the work plan, noting how many days Zanghi had planned to complete each step. Based on the number of days in the plan, Christenson recommended Council give Zanghi until the next meeting to complete items on his list or move forward with abatement. Christenson stated that he was very fast losing his patience. Kern concurred. The item will be placed on the next Council Agenda.

   2. Health Insurance Approval
Ludwig provided a quote for 2018 employee health insurance coverage through Blue Cross Blue Shield of Kansas (BCBS), noting a 13% increase in premium overall. The increase is not evenly applied to all employees. Those with children will see a more dramatic rate increase, especially those with children
over the age of 21. The only change to coverage is the out of pocket and deductibles for out-of-network expenses. A table depicting the cost estimate, 2018 budget per department, and the remaining budget authority was provided. All departments are adequately funded for the cost increase in 2018. Ludwig noted that, at the end of 2018, the city will have been with BCBS for 5 years. Ludwig recommended going out to bid for 2019 coverage.

Christenson made a motion, seconded by Schaffer, to approve BCBS as the City’s Health Insurance provider in 2018. The motion passed 5-0.

3. Cost of Living Adjustment
The City Council annually reviews changes to the Consumer Price Index for Urban Wage Earners (CPI-W) and considers a cost of living (COLA) increase in salaries. Since this time last year the CPI-W has experienced 2.3% inflation. Ludwig provided a copy of the Pay Tables for the City as they would appear with a 2.3% increase. A resolution to amend the Pay Tables was provided for Council’s consideration. If approved, the Resolution would take effect January 1, 2018. A 2.3% COLA increase could be given within the current Pay Tables; however, at least one employee is at the maximum of his pay range. A change in the Pay Tables, would allow all employees to benefit from a COLA. Christenson noted that 2016 was the first time the Pay Tables had been adjusted and a COLA given. There had been a significant increase in the CPI-W since the last COLA. Christenson explained reviewing the CPI-W and making small adjustments on a yearly basis is much easier to manage than a large gap created over the course of several years. Ludwig advised that the current budget projected a 1% COLA, but a 2% increase can be handled within the current 2018 budget.

Christenson made a motion to approve a 2% COLA to take effect in January 2018. Kern seconded the motion. Motion passed 5-0.

Jungemann made a motion to approve Resolution 2017-04, amending the pay scale to reflect the 2% COLA. Christenson seconded the motion, which passed 5-0.

G) CITY ATTORNEY’S REPORT
City Attorney Clayton Kerbs was not present at the meeting.

H) CITY ADMINISTRATOR’S REPORT
   Airport Groundbreaking: The airport groundbreaking event was a success, and staff is looking to set up a pre-construction meeting at the end of November.
   Annexation – Airport Property: City Staff will be working with the City Attorney to determine the process and requirements to annex the airport property into the city limits.
   Municipal Election: The municipal election is scheduled for tomorrow November 7th. The polling location for Greensburg residents is the Community Center, which will be open from 7a.m.-7 p.m.. There are 5 names on the ballot with the top 3 candidates taking office on January 8th, 2018. (There will need to be a special meeting on January 8th to accommodate this change).
   KPP 2018 Rates: On November 2nd KPP held a rate forum to discuss the current rate projections. KPP anticipates that the average cost of electricity will not change from 2017 to 2018. The rate will be approved at the December 15th annual meeting.
   Veteran’s Day: City Hall will be closed November 10th in observance of Veteran’s Day.
   Holiday Open House: Greensburg Businesses are hosting a Holiday Open House on November 10th and 11th. Businesses will have extended hours, and the Tourism Board will be sponsoring a free movie, “The Goonies”, at 2:30 p.m. on the 11th to help bring more visitors to our downtown.
I) GOVERNING BODY COMMENTS
Dixson announced that the V.O.L.T. leadership program will be back in town December 3rd – 5th. The group has requested no local discounts and will have a good economic impact on local businesses.

Jungemann stated that she had seen an article about the cabins being put in by the Ellers and wondered when they planned to be open. Ludwig reported that there is no official opening scheduled.

J) ADJOURNMENT
Dixson declared the meeting adjourned at 6:25 p.m.

___________________________________   ______________________________
Robert A. Dixson, Mayor     Christy Pyatt, City Clerk
<table>
<thead>
<tr>
<th>CHECK #</th>
<th>VENDOR</th>
<th>REFERENCE</th>
<th>AMOUNT</th>
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<td>DODGE CITY INTERNATIONAL</td>
<td>REPAIRS</td>
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</tr>
<tr>
<td>26048</td>
<td>KANSAS GAS SERVICE</td>
<td>ACCT 510351829 1377452 45</td>
<td>$224.91</td>
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<tr>
<td>26049</td>
<td>SOLOMON CORPORATION</td>
<td>TESTING</td>
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<td></td>
<td><em><strong><strong>PRE-PAID TOTAL</strong></strong></em></td>
<td></td>
<td>$825.20</td>
</tr>
<tr>
<td>26050</td>
<td>ADAMS ELECTRIC &amp; PLUMBING</td>
<td>REPAIR HEAT PUMP</td>
<td>$1,136.40</td>
</tr>
<tr>
<td>26051</td>
<td>AMERICAN SAFETY UTILITY CORP</td>
<td>HOT STICK/ SHIPPING</td>
<td>$223.75</td>
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<tr>
<td>26052</td>
<td>BLUE VALLEY PUBLIC SAFETY, INC</td>
<td>MONTHLY SIREN MAINTENANCE</td>
<td>$234.00</td>
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<tr>
<td>26053</td>
<td>CHRISTY PYATT</td>
<td>ACADEMY 2017 MILEAGE</td>
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<tr>
<td>26054</td>
<td>COMMERCIAL SIGN COMPANY</td>
<td>LEASE</td>
<td>$300.00</td>
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<tr>
<td>26055</td>
<td>GALLS</td>
<td>BUGABOO BEANIE/TECH TEE/JACKET</td>
<td>$58.08</td>
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<tr>
<td>26056</td>
<td>GRAINGER</td>
<td>AIR SAFETY VALVE</td>
<td>$8.75</td>
</tr>
<tr>
<td>26057</td>
<td>GREENSBURG FRA</td>
<td>15% LIFE INSURANCE FOR FIREMAN</td>
<td>$550.69</td>
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<td>26058</td>
<td>KANSAS POWER POOL</td>
<td>MONTHLY SERVICE</td>
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<tr>
<td>26059</td>
<td>KIOWA CO SOLID WASTE</td>
<td>ROOFING MATERIALS</td>
<td>$50.00</td>
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<tr>
<td>26060</td>
<td>KIOWA CO TREASURER</td>
<td>INCUBATOR</td>
<td>$14,069.68</td>
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<tr>
<td>26061</td>
<td>TMHC SERVICES, INC</td>
<td>DRUG TEST</td>
<td>$61.50</td>
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<td>***** PAID TOTAL *****</td>
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<td>$59,560.88</td>
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<td>***** REPORT TOTAL *****</td>
<td></td>
<td>$60,386.08</td>
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</table>
TO: Mayor and City Council  
SUBJECT: City Hall Solar  
INITIATED BY: City Administrator, Kyler Ludwig

Background:
As part of the City’s hail claim we received $12,967.50 with an additional $5,447.50 in recoverable depreciation. The claim total is a maximum of $18,525. The existing panels were damaged during the storm and are producing 25-40% of their projected output. It is likely the damage will continue to impact the quality of the solar collection.

Analysis:
City staff reached out for bids from “Good Energy Solutions” out of Lawrence and “Solar King” from Hutchinson.

Good Energy options each $20,000  
6kW – estimated 9,508kWh/year  
5.68kW – estimated 9,314kWh/year  
4.485kW – estimated 7,554kWh/year

Solar King - $19,958  
8.6kW – estimated 13,630kWh/year

The models from Good energy are more efficient and will take up less roof space than the solar king panels. The new panels from both businesses are significantly more efficient than the old solar panels on City Hall. The panels from Solar King would be clamped over the old panels with the old panels not being removed for aesthetic reasons.

Recommendations/Actions: It is recommended the City Council:
Authorize staff to move forward with Solar King to replace the solar panels included in the hail claim.

Attachments: Hail Claim, Quotes.
Insured:  City of Greensburg
Property:  300 S Main
          Greensburg, KS 67054

Claim Rep.:  Kelly Kaiser: Property Specialist
Company:  EMC Insurance
Business:  245 N Waco
          Wichita, KS 67202

Estimator:  Kelly Kaiser: Property Specialist
Company:  EMC Insurance
Business:  245 N Waco
          Wichita, KS 67202

Claim Number: 1328838  Policy Number: 4A5-28-99  Type of Loss: Hail

Date of Loss: 6/17/2017  Date Received:  
Date Inspected:  Date Entered: 6/27/2017 9:00 AM

Price List:  KSKS8X_JUN17
            Restoration/Service/Remodel
Estimate:  1328838-2
### Loc 001: City Hall

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>QUANTITY</th>
<th>UNIT PRICE</th>
<th>TAX</th>
<th>RCV</th>
<th>DEPREC.</th>
<th>ACV</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. R&amp;R Solar Panels - King Solar*</td>
<td>1.00 EA</td>
<td>18,525.00</td>
<td>0.00</td>
<td>18,525.00</td>
<td>(5,557.50)</td>
<td>12,967.50</td>
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**Totals: Loc 001: City Hall**

<table>
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<tr>
<td>0.00</td>
<td>18,525.00</td>
<td>5,557.50</td>
<td>12,967.50</td>
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### Loc 002: Public Works

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<th>DEPREC.</th>
<th>ACV</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. R&amp;R Solar Panels - King Solar*</td>
<td>1.00 EA</td>
<td>9,440.00</td>
<td>0.00</td>
<td>9,440.00</td>
<td>(2,832.00)</td>
<td>6,608.00</td>
</tr>
<tr>
<td>3. Reglaze skylight - 10 to 15 SF</td>
<td>1.00 EA</td>
<td>500.00</td>
<td>0.00</td>
<td>500.00</td>
<td>(0.00)</td>
<td>500.00</td>
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**Total: Loc 002: Public Works**

<table>
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<tbody>
<tr>
<td>0.00</td>
<td>9,940.00</td>
<td>2,832.00</td>
<td>7,108.00</td>
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### Storage

- **Surface Area**: 632.46
- **Number of Squares**: 6.32
- **Total Perimeter Length**: 100.70
- **Total Ridge Length**: 24.00

<table>
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<tr>
<th>DESCRIPTION</th>
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<th>UNIT PRICE</th>
<th>TAX</th>
<th>RCV</th>
<th>DEPREC.</th>
<th>ACV</th>
</tr>
</thead>
<tbody>
<tr>
<td>4. Remove Laminated - comp. shingle rfg. - w/out felt</td>
<td>6.32 SQ</td>
<td>43.59</td>
<td>0.00</td>
<td>275.49</td>
<td>&lt;0.00&gt;</td>
<td>275.49</td>
</tr>
<tr>
<td>5. Laminated - comp. shingle rfg. - w/out felt</td>
<td>7.00 SQ</td>
<td>174.54</td>
<td>0.00</td>
<td>1,221.78</td>
<td>(366.53)</td>
<td>855.25</td>
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<tr>
<td>6. Roofing felt - 15 lb.</td>
<td>6.32 SQ</td>
<td>24.32</td>
<td>0.00</td>
<td>153.70</td>
<td>(46.11)</td>
<td>107.59</td>
</tr>
<tr>
<td>7. R&amp;R Drip edge</td>
<td>100.70 LF</td>
<td>2.11</td>
<td>0.00</td>
<td>212.48</td>
<td>(56.19)</td>
<td>156.29</td>
</tr>
<tr>
<td>8. R&amp;R Flashing - pipe jack</td>
<td>2.00 EA</td>
<td>36.55</td>
<td>0.00</td>
<td>73.10</td>
<td>(18.74)</td>
<td>54.36</td>
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**Totals: Storage**

<table>
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<tbody>
<tr>
<td>0.00</td>
<td>1,936.55</td>
<td>487.57</td>
<td>1,448.98</td>
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**Total: Loc 002: Public Works**

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<tr>
<td>0.00</td>
<td>11,876.55</td>
<td>3,319.57</td>
<td>8,556.98</td>
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### Loc 004: Davis Park
## Pump House

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<th>DEPREC.</th>
<th>ACV</th>
</tr>
</thead>
<tbody>
<tr>
<td>9. Coat Existing Mod Bit Roof</td>
<td>404.25 EA</td>
<td>2.50</td>
<td>0.00</td>
<td>1,010.63</td>
<td>(505.32)</td>
<td>505.31</td>
</tr>
<tr>
<td>10. Remove 3 tab - 25 yr. - comp. shingle roofing - w/out felt</td>
<td>1.00 SQ</td>
<td>40.41</td>
<td>0.00</td>
<td>40.41</td>
<td>(0.00)</td>
<td>40.41</td>
</tr>
<tr>
<td>11. 3 tab - 25 yr. - comp. shingle roofing - w/out felt</td>
<td>1.33 SQ</td>
<td>165.24</td>
<td>0.00</td>
<td>219.77</td>
<td>(109.89)</td>
<td>109.88</td>
</tr>
<tr>
<td>12. Roofing felt - 15 lb.</td>
<td>1.00 SQ</td>
<td>24.32</td>
<td>0.00</td>
<td>24.32</td>
<td>(12.16)</td>
<td>12.16</td>
</tr>
<tr>
<td>13. R&amp;R Drip edge</td>
<td>50.00 LF</td>
<td>2.11</td>
<td>0.00</td>
<td>105.50</td>
<td>(46.50)</td>
<td>59.00</td>
</tr>
<tr>
<td>14. R&amp;R Siding - vinyl</td>
<td>410.00 SF</td>
<td>4.25</td>
<td>0.00</td>
<td>1,742.50</td>
<td>(0.00)</td>
<td>1,742.50</td>
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<tr>
<td>Two sides only.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15. Misc Siding trim and wrap</td>
<td>1.00 EA</td>
<td>300.00</td>
<td>0.00</td>
<td>300.00</td>
<td>(150.00)</td>
<td>150.00</td>
</tr>
<tr>
<td>16. Detach and reset electrical</td>
<td>1.00 EA</td>
<td>500.00</td>
<td>0.00</td>
<td>500.00</td>
<td>(0.00)</td>
<td>500.00</td>
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<tr>
<td>17. Single axle dump truck - per load - including dump fees</td>
<td>1.00 EA</td>
<td>184.76</td>
<td>0.00</td>
<td>184.76</td>
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Totals: Pump House

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>QUANTITY</th>
<th>UNIT PRICE</th>
<th>TAX</th>
<th>RCV</th>
<th>DEPREC.</th>
<th>ACV</th>
</tr>
</thead>
<tbody>
<tr>
<td>18. Remove 3 tab - 25 yr. - comp. shingle roofing - w/out felt</td>
<td>6.49 SQ</td>
<td>40.41</td>
<td>0.00</td>
<td>262.26</td>
<td>&lt;0.00&gt;</td>
<td>262.26</td>
</tr>
<tr>
<td>19. 3 tab - 25 yr. - comp. shingle roofing - w/out felt</td>
<td>6.67 SQ</td>
<td>165.24</td>
<td>0.00</td>
<td>1,102.15</td>
<td>&lt;551.08&gt;</td>
<td>551.07</td>
</tr>
<tr>
<td>20. Roofing felt - 15 lb.</td>
<td>6.49 SQ</td>
<td>24.32</td>
<td>0.00</td>
<td>157.84</td>
<td>&lt;78.92&gt;</td>
<td>78.92</td>
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<tr>
<td>21. R&amp;R Drip edge</td>
<td>106.00 LF</td>
<td>2.11</td>
<td>0.00</td>
<td>223.66</td>
<td>&lt;98.58&gt;</td>
<td>125.08</td>
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Totals: Shelter West

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<th>TAX</th>
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<th>ACV</th>
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<tbody>
<tr>
<td>18. Remove 3 tab - 25 yr. - comp. shingle roofing - w/out felt</td>
<td>6.49 SQ</td>
<td>40.41</td>
<td>0.00</td>
<td>262.26</td>
<td>&lt;0.00&gt;</td>
<td>262.26</td>
</tr>
<tr>
<td>19. 3 tab - 25 yr. - comp. shingle roofing - w/out felt</td>
<td>6.67 SQ</td>
<td>165.24</td>
<td>0.00</td>
<td>1,102.15</td>
<td>&lt;551.08&gt;</td>
<td>551.07</td>
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<tr>
<td>20. Roofing felt - 15 lb.</td>
<td>6.49 SQ</td>
<td>24.32</td>
<td>0.00</td>
<td>157.84</td>
<td>&lt;78.92&gt;</td>
<td>78.92</td>
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<tr>
<td>21. R&amp;R Drip edge</td>
<td>106.00 LF</td>
<td>2.11</td>
<td>0.00</td>
<td>223.66</td>
<td>&lt;98.58&gt;</td>
<td>125.08</td>
</tr>
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</table>

Totals: Shelter West

### Pump House
- **Surface Area**: 404.25
- **Total Perimeter Length**: 82.00
- **Number of Squares**: 4.04

### Shelter West
- **Surface Area**: 649.39
- **Total Perimeter Length**: 106.00
- **Total Ridge Length**: 51.70
- **Total Hip Length**: 17.00
- **Number of Squares**: 6.49
### Shelter East

<table>
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<tbody>
<tr>
<td>22. Remove 3 tab - 25 yr. - comp. shingle roofing - w/out felt</td>
<td>6.49 SQ</td>
<td>40.41</td>
<td>0.00</td>
<td>262.26</td>
<td>&lt;0.00&gt;</td>
<td>262.26</td>
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<tr>
<td>23. 3 tab - 25 yr. - comp. shingle roofing - w/out felt</td>
<td>6.67 SQ</td>
<td>165.24</td>
<td>0.00</td>
<td>1,102.15</td>
<td>&lt;551.08&gt;</td>
<td>551.07</td>
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<tr>
<td>24. Roofing felt - 15 lb.</td>
<td>6.49 SQ</td>
<td>24.32</td>
<td>0.00</td>
<td>157.84</td>
<td>&lt;78.92&gt;</td>
<td>78.92</td>
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<tr>
<td>25. R&amp;R Drip edge</td>
<td>106.00 LF</td>
<td>2.11</td>
<td>0.00</td>
<td>223.66</td>
<td>&lt;98.58&gt;</td>
<td>125.08</td>
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**Totals: Shelter East**

<table>
<thead>
<tr>
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<th>TAX</th>
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<th>DEPREC.</th>
<th>ACV</th>
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<tr>
<td>0.00</td>
<td>1,745.91</td>
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<td>1,017.33</td>
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### Restroom

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<th>DEPREC.</th>
<th>ACV</th>
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<tbody>
<tr>
<td>26. Remove 3 tab - 25 yr. - comp. shingle roofing - w/out felt</td>
<td>3.79 SQ</td>
<td>40.41</td>
<td>0.00</td>
<td>153.15</td>
<td>&lt;0.00&gt;</td>
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<td>27. 3 tab - 25 yr. - comp. shingle roofing - w/out felt</td>
<td>4.00 SQ</td>
<td>165.24</td>
<td>0.00</td>
<td>660.96</td>
<td>&lt;330.48&gt;</td>
<td>330.48</td>
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<td>28. Roofing felt - 15 lb.</td>
<td>3.79 SQ</td>
<td>24.32</td>
<td>0.00</td>
<td>92.17</td>
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<td>29. R&amp;R Drip edge</td>
<td>78.00 LF</td>
<td>2.11</td>
<td>0.00</td>
<td>164.58</td>
<td>&lt;72.54&gt;</td>
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**Totals: Restroom**

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### Concession Stand

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<td>26. Remove 3 tab - 25 yr. - comp. shingle roofing - w/out felt</td>
<td>4.67 SQ</td>
<td>4.67</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>27. 3 tab - 25 yr. - comp. shingle roofing - w/out felt</td>
<td>74.35 SQ</td>
<td>29.17</td>
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**Totals: Concession Stand**

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<th>DEPREC.</th>
<th>ACV</th>
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<tr>
<td>466.78</td>
<td>74.35</td>
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9/25/2017
CONTINUED - Concession Stand

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<th>DEPREC.</th>
<th>ACV</th>
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</thead>
<tbody>
<tr>
<td>30. Remove 3 tab - 25 yr. - comp. shingle roofing - w/out felt</td>
<td>4.67 SQ</td>
<td>40.41</td>
<td>0.00</td>
<td>188.71</td>
<td>&lt;0.00&gt;</td>
<td>188.71</td>
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<tr>
<td>31. 3 tab - 25 yr. - comp. shingle roofing - w/out felt</td>
<td>5.33 SQ</td>
<td>165.24</td>
<td>0.00</td>
<td>880.73</td>
<td>&lt;440.37</td>
<td>440.36</td>
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<td>32. Roofing felt - 15 lb.</td>
<td>4.67 SQ</td>
<td>24.32</td>
<td>0.00</td>
<td>113.57</td>
<td>&lt;56.79&gt;</td>
<td>56.78</td>
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<tr>
<td>33. R&amp;R Drip edge</td>
<td>74.35 LF</td>
<td>2.11</td>
<td>0.00</td>
<td>156.88</td>
<td>&lt;69.15&gt;</td>
<td>87.73</td>
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<tr>
<td>34. R&amp;R Flashing - pipe jack</td>
<td>3.00 EA</td>
<td>36.55</td>
<td>0.00</td>
<td>109.65</td>
<td>&lt;46.85&gt;</td>
<td>62.80</td>
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<tr>
<td>35. R&amp;R Siding - hardboard - lap pattern - 8&quot;</td>
<td>672.00 SF</td>
<td>3.81</td>
<td>0.00</td>
<td>2,560.32</td>
<td>&lt;1,169.28</td>
<td>1,391.04</td>
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<tr>
<td>Current siding no longer available</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>36. Seal &amp; paint wood siding</td>
<td>672.00 SF</td>
<td>1.12</td>
<td>0.00</td>
<td>752.64</td>
<td>&lt;376.32</td>
<td>376.32</td>
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<tr>
<td>37. Misc trim and wrap</td>
<td>1.00 EA</td>
<td>400.00</td>
<td>0.00</td>
<td>400.00</td>
<td>&lt;200.00</td>
<td>200.00</td>
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<tr>
<td>38. Detach and reset electrical</td>
<td>1.00 EA</td>
<td>350.00</td>
<td>0.00</td>
<td>350.00</td>
<td>&lt;0.00&gt;</td>
<td>350.00</td>
</tr>
<tr>
<td>39. Single axle dump truck - per load - including dump fees</td>
<td>1.00 EA</td>
<td>184.76</td>
<td>0.00</td>
<td>184.76</td>
<td>&lt;0.00&gt;</td>
<td>184.76</td>
</tr>
<tr>
<td>Totals: Concession Stand</td>
<td></td>
<td></td>
<td></td>
<td>0.00</td>
<td>5,697.26</td>
<td>2,358.76</td>
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<tr>
<td>Total: Loc 004: Davis Park</td>
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<td>0.00</td>
<td>14,387.83</td>
<td>5,088.90</td>
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</table>

Loc 005: Pump House

Pump House

- 469.25 Surface Area
- 93.23 Total Perimeter Length
- 4.69 Number of Squares
- 32.08 Total Ridge Length

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>QUANTITY</th>
<th>UNIT PRICE</th>
<th>TAX</th>
<th>RCV</th>
<th>DEPREC.</th>
<th>ACV</th>
</tr>
</thead>
<tbody>
<tr>
<td>40. Remove Laminated - comp. shingle rfg. - w/out felt</td>
<td>4.69 SQ</td>
<td>43.59</td>
<td>0.00</td>
<td>204.44</td>
<td>&lt;0.00&gt;</td>
<td>204.44</td>
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<tr>
<td>41. Laminated - comp. shingle rfg. - w/out felt</td>
<td>5.33 SQ</td>
<td>174.54</td>
<td>0.00</td>
<td>930.30</td>
<td>(186.06)</td>
<td>744.24</td>
</tr>
<tr>
<td>42. Roofing felt - 15 lb.</td>
<td>4.69 SQ</td>
<td>24.32</td>
<td>0.00</td>
<td>114.06</td>
<td>(22.81)</td>
<td>91.25</td>
</tr>
<tr>
<td>43. R&amp;R Furnace vent - rain cap and storm collar, 8&quot;</td>
<td>1.00 EA</td>
<td>69.81</td>
<td>0.00</td>
<td>69.81</td>
<td>(12.35)</td>
<td>57.46</td>
</tr>
<tr>
<td>44. R&amp;R Drip edge</td>
<td>93.23 LF</td>
<td>2.11</td>
<td>0.00</td>
<td>196.72</td>
<td>(34.68)</td>
<td>162.04</td>
</tr>
<tr>
<td>45. R&amp;R Valley metal</td>
<td>10.41 LF</td>
<td>4.64</td>
<td>0.00</td>
<td>48.30</td>
<td>(8.74)</td>
<td>39.56</td>
</tr>
<tr>
<td>Totals: Pump House</td>
<td></td>
<td></td>
<td></td>
<td>0.00</td>
<td>1,563.63</td>
<td>264.64</td>
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<tr>
<td>Total: Loc 005: Pump House</td>
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<td></td>
<td></td>
<td>0.00</td>
<td>1,563.63</td>
<td>264.64</td>
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</table>
**Loc 013: Pool**

<table>
<thead>
<tr>
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<th>QUANTITY</th>
<th>UNIT PRICE</th>
<th>TAX</th>
<th>RCV</th>
<th>DEPREC.</th>
<th>ACV</th>
</tr>
</thead>
<tbody>
<tr>
<td>46. Awnings - Open</td>
<td>1.00 EA</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>(0.00)</td>
<td>0.00</td>
</tr>
<tr>
<td>47. Awning Cover - USA Shade</td>
<td>1.00 EA</td>
<td>2,325.00</td>
<td>0.00</td>
<td>2,325.00</td>
<td>(697.50)</td>
<td>1,627.50</td>
</tr>
</tbody>
</table>

**Total: Loc 013: Pool**

<table>
<thead>
<tr>
<th>QUANTITY</th>
<th>UNIT PRICE</th>
<th>TAX</th>
<th>RCV</th>
<th>DEPREC.</th>
<th>ACV</th>
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</thead>
<tbody>
<tr>
<td>0.00</td>
<td>2,325.00</td>
<td>0.00</td>
<td>697.50</td>
<td>1,627.50</td>
<td></td>
</tr>
</tbody>
</table>

**Pool House**

- 3384.00 Surface Area
- 256.31 Total Perimeter Length
- 99.24 Total Hip Length
- 33.84 Number of Squares
- 59.85 Total Ridge Length

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>QUANTITY</th>
<th>UNIT PRICE</th>
<th>TAX</th>
<th>RCV</th>
<th>DEPREC.</th>
<th>ACV</th>
</tr>
</thead>
<tbody>
<tr>
<td>48. Remove Laminated - comp. shingle rfg. - w/out felt</td>
<td>33.84 SQ</td>
<td>43.59</td>
<td>0.00</td>
<td>1,475.09</td>
<td>&lt;0.00&gt;</td>
<td>1,475.09</td>
</tr>
<tr>
<td>49. Laminated - comp. shingle rfg. - w/out felt</td>
<td>37.33 SQ</td>
<td>174.54</td>
<td>0.00</td>
<td>6,515.58</td>
<td>(651.56)</td>
<td>5,864.02</td>
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<tr>
<td>50. Roofing felt - 15 lb.</td>
<td>33.84 SQ</td>
<td>24.32</td>
<td>0.00</td>
<td>822.99</td>
<td>(82.30)</td>
<td>740.69</td>
</tr>
<tr>
<td>51. R&amp;R Drip edge</td>
<td>256.31 LF</td>
<td>2.11</td>
<td>0.00</td>
<td>540.82</td>
<td>(47.67)</td>
<td>493.15</td>
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<tr>
<td>52. R&amp;R Flashing - pipe jack</td>
<td>4.00 EA</td>
<td>36.55</td>
<td>0.00</td>
<td>146.20</td>
<td>(12.49)</td>
<td>133.71</td>
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<tr>
<td>53. R&amp;R Continuous ridge vent - shingle-over style</td>
<td>55.00 LF</td>
<td>7.50</td>
<td>0.00</td>
<td>412.50</td>
<td>(37.73)</td>
<td>374.77</td>
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<tr>
<td>54. R&amp;R Gutter / downspout - aluminum - up to 5&quot;</td>
<td>340.00 LF</td>
<td>4.92</td>
<td>0.00</td>
<td>1,672.80</td>
<td>(154.36)</td>
<td>1,518.44</td>
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<tr>
<td>55. Single axle dump truck - per load - including dump fees</td>
<td>1.00 EA</td>
<td>184.76</td>
<td>0.00</td>
<td>184.76</td>
<td>(0.00)</td>
<td>184.76</td>
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**Totals: Pool House**

<table>
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<th>UNIT PRICE</th>
<th>TAX</th>
<th>RCV</th>
<th>DEPREC.</th>
<th>ACV</th>
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<td>0.00</td>
<td>11,770.74</td>
<td>0.00</td>
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<td>10,784.63</td>
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**Total: Loc 013: Pool**

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<tr>
<td>0.00</td>
<td>14,095.74</td>
<td>0.00</td>
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**Line Item Totals: 1328838-2**

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<tr>
<td>0.00</td>
<td>60,448.75</td>
<td>0.00</td>
<td>15,914.22</td>
<td>44,534.53</td>
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**Grand Total Areas:**

- 0.00 SF Walls
- 0.00 SF Ceiling
- 0.00 SF Walls and Ceiling
- 0.00 SF Floor
- 0.00 SY Flooring
- 0.00 LF Floor Perimeter
- 0.00 SF Long Wall
- 0.00 SF Short Wall
- 0.00 LF Ceil. Perimeter
- 0.00 Floor Area
- 0.00 Total Area
- 0.00 Interior Wall Area
- 11,727.76 Exterior Wall Area
- 0.00 Exterior Perimeter of Walls
- 7,034.84 Surface Area
- 70.35 Number of Squares
- 1,793.17 Total Perimeter Length
- 186.11 Total Ridge Length
- 248.60 Total Hip Length
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<thead>
<tr>
<th>Coverage</th>
<th>Item Total</th>
<th>%</th>
<th>ACV Total</th>
<th>%</th>
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<tr>
<td>Loc 001</td>
<td>18,525.00</td>
<td>30.65%</td>
<td>12,967.50</td>
<td>29.12%</td>
</tr>
<tr>
<td>Loc 002</td>
<td>11,876.55</td>
<td>19.65%</td>
<td>8,556.98</td>
<td>19.21%</td>
</tr>
<tr>
<td>Loc 004</td>
<td>14,387.83</td>
<td>23.80%</td>
<td>9,298.93</td>
<td>20.88%</td>
</tr>
<tr>
<td>Loc 005</td>
<td>1,563.63</td>
<td>2.59%</td>
<td>1,298.99</td>
<td>2.92%</td>
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<tr>
<td>Loc 012</td>
<td>0.00</td>
<td>0.00%</td>
<td>0.00</td>
<td>0.00%</td>
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<tr>
<td>Loc 013</td>
<td>14,095.74</td>
<td>23.32%</td>
<td>12,412.13</td>
<td>27.87%</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>60,448.75</strong></td>
<td><strong>100.00%</strong></td>
<td><strong>44,534.53</strong></td>
<td><strong>100.00%</strong></td>
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## Summary for Loc 001

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<tr>
<td><strong>Replacement Cost Value</strong></td>
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<tr>
<td>Less Depreciation</td>
<td>(5,557.50)</td>
</tr>
<tr>
<td><strong>Actual Cash Value</strong></td>
<td><strong>$12,967.50</strong></td>
</tr>
<tr>
<td><strong>Net Claim</strong></td>
<td><strong>$12,967.50</strong></td>
</tr>
<tr>
<td>Total Recoverable Depreciation</td>
<td>5,557.50</td>
</tr>
<tr>
<td><strong>Net Claim if Depreciation is Recovered</strong></td>
<td><strong>$18,525.00</strong></td>
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Kelly Kaiser: Property Specialist
## Summary for Loc 002

<table>
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<tr>
<td><strong>Replacement Cost Value</strong></td>
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</tr>
<tr>
<td>Less Depreciation</td>
<td>(3,319.57)</td>
</tr>
<tr>
<td>Actual Cash Value</td>
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<tr>
<td>Less Prior Payment(s)</td>
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<tr>
<td><strong>Net Claim Remaining</strong></td>
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<tr>
<td>Total Recoverable Depreciation</td>
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<tr>
<td><strong>Net Claim Remaining if Depreciation is Recovered</strong></td>
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Kelly Kaiser: Property Specialist
Summary for Loc 004

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<tr>
<td><strong>Replacement Cost Value</strong></td>
<td><strong>$14,387.83</strong></td>
</tr>
<tr>
<td>Less Depreciation</td>
<td>(5,088.90)</td>
</tr>
<tr>
<td><strong>Actual Cash Value</strong></td>
<td><strong>$9,298.93</strong></td>
</tr>
<tr>
<td>Less Prior Payment(s)</td>
<td>(9,298.93)</td>
</tr>
<tr>
<td><strong>Net Claim Remaining</strong></td>
<td><strong>$0.00</strong></td>
</tr>
<tr>
<td>Total Depreciation</td>
<td>5,088.90</td>
</tr>
<tr>
<td>Less Non-Recoverable Depreciation</td>
<td>&lt;4,265.03&gt;</td>
</tr>
<tr>
<td>Total Recoverable Depreciation</td>
<td>823.87</td>
</tr>
<tr>
<td><strong>Net Claim Remaining if Depreciation is Recovered</strong></td>
<td><strong>$823.87</strong></td>
</tr>
</tbody>
</table>

Kelly Kaiser: Property Specialist
### Summary for Loc 005

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Line Item Total</td>
<td>1,563.63</td>
</tr>
<tr>
<td><strong>Replacement Cost Value</strong></td>
<td><strong>$1,563.63</strong></td>
</tr>
<tr>
<td>Less Depreciation</td>
<td>(264.64)</td>
</tr>
<tr>
<td><strong>Actual Cash Value</strong></td>
<td><strong>$1,298.99</strong></td>
</tr>
<tr>
<td>Less Prior Payment(s)</td>
<td>(1,298.99)</td>
</tr>
<tr>
<td><strong>Net Claim Remaining</strong></td>
<td><strong>$0.00</strong></td>
</tr>
<tr>
<td>Total Recoverable Depreciation</td>
<td>264.64</td>
</tr>
<tr>
<td><strong>Net Claim Remaining if Depreciation is Recovered</strong></td>
<td><strong>$264.64</strong></td>
</tr>
</tbody>
</table>

---

Kelly Kaiser: Property Specialist
## Summary for Loc 013

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Line Item Total</td>
<td>14,095.74</td>
</tr>
<tr>
<td><strong>Replacement Cost Value</strong></td>
<td>$14,095.74</td>
</tr>
<tr>
<td>Less Depreciation</td>
<td>(1,683.61)</td>
</tr>
<tr>
<td><strong>Actual Cash Value</strong></td>
<td>$12,412.13</td>
</tr>
<tr>
<td>Less Deductible</td>
<td>(2,500.00)</td>
</tr>
<tr>
<td>Less Prior Payment(s)</td>
<td>(8,284.63)</td>
</tr>
<tr>
<td><strong>Net Claim Remaining</strong></td>
<td>$1,627.50</td>
</tr>
<tr>
<td>Total Recoverable Depreciation</td>
<td>1,683.61</td>
</tr>
<tr>
<td><strong>Net Claim Remaining if Depreciation is Recovered</strong></td>
<td>$3,311.11</td>
</tr>
</tbody>
</table>

Kelly Kaiser: Property Specialist
King Solar offers to furnish all materials and labor to perform the following scope of work:

- **8.6kw Roof mounted array**
  - 32 solar modules
    - 25 year performance warranty
  - Fronius Primo 7.6-1 Inverter
    - 10 year warranty
    - Internet monitoring utilizing customer’s existing internet connection

- **Unirac racking mounted parallel with the roof slope**
  - SolarMount rails
  - L-feet attachment points
  - Top-down clamps with integrated bonding
  - S-5 standing seam metal roof clamps

- **Electrical**
  - New wiring from existing inverter location to breaker panel to accommodate larger inverter
  - Wire sized appropriately to minimize voltage and production losses
  - All connections and terminations required

- **10 year workmanship warranty on labor provided by King Solar**
- **2 year warranty on monitoring equipment**
- **All necessary permits, inspections, and taxes included**

The above to be completed in a substantial and workman like manner according to standard industry practices, for the price of: **Nineteen thousand nine hundred fifty eight dollars ($19,958)** - 50% due upon signing and 50% due within 30 days after completion, which includes installation of 2-way meter by utility company and commissioning of the system. To the extent that any addition, alteration or deviation from the above scope of work increases King Solar’s labor or materials cost, the additional scope will be submitted in writing to customer for approval and billed to customer at time additional scope is completed. King Solar will carry insurance appropriate for the scope of work, and customer will carry appropriate property-owner’s insurance.

Respectfully Submitted,

Mark Horst
King Solar

Acceptance: The Prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to complete work as specified. Payment will be made as outlined above.

Signature_________________________________________ Date____________________
AXIpremium

60 cell monocrystalline
High performance photovoltaic module

The advantages:

- **12 Years**
  12 years manufacturer's warranty

- **P-5Max**
  Highest performance due to specifically selected technologies and materials

- **Wp**
  Guaranteed positive power tolerance from 0-5 Wp by individual measurement

- **5400 Pa**
  Maximum 5400 Pa snow load

- **100%**
  100% electroluminescence inspection

- **Soft Grip**
  High stability due to AXITEC-Soft-Grip-Seam aluminium frame construction

- **IP 67**
  High quality junction box and connector systems

Exclusive linear AXITEC high performance guarantee!

- 15 years manufacturer's guarantee on 90% of the nominal performance
- 25 years manufacturer's guarantee on 85% of the nominal performance

1 - 8% more power after 25 years
Electrical data (at standard conditions (STC) irradiance 1000 watt/m², spectrum AM 1.5 at a cell temperature of 25°C)

<table>
<thead>
<tr>
<th>Type</th>
<th>Nominal output Pmpp</th>
<th>Nominal voltage Umpp</th>
<th>Nominal current Imppp</th>
<th>Short circuit current ISC</th>
<th>Open circuit voltage Uoc</th>
<th>Module conversion efficiency</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC-270M/156-60S</td>
<td>270 Wp</td>
<td>30,94 V</td>
<td>8,60 A</td>
<td>9,41 A</td>
<td>39,26 V</td>
<td>16,60 %</td>
</tr>
<tr>
<td>AC-275M/156-60S</td>
<td>275 Wp</td>
<td>31,20 V</td>
<td>8,86 A</td>
<td>9,50 A</td>
<td>39,32 V</td>
<td>16,90 %</td>
</tr>
<tr>
<td>AC-280M/156-60S</td>
<td>280 Wp</td>
<td>31,50 V</td>
<td>9,05 A</td>
<td>9,55 A</td>
<td>39,45 V</td>
<td>17,21 %</td>
</tr>
<tr>
<td>AC-285M/156-60S</td>
<td>285 Wp</td>
<td>31,59 V</td>
<td>9,09 A</td>
<td>9,68 A</td>
<td>39,56 V</td>
<td>17,52 %</td>
</tr>
<tr>
<td>AC-290M/156-60S</td>
<td>290 Wp</td>
<td>31,71 V</td>
<td>9,16 A</td>
<td>9,70 A</td>
<td>39,70 V</td>
<td>17,83 %</td>
</tr>
<tr>
<td>AC-295M/156-60S</td>
<td>295 Wp</td>
<td>31,80 V</td>
<td>9,29 A</td>
<td>9,75 A</td>
<td>39,95 V</td>
<td>18,13 %</td>
</tr>
<tr>
<td>AC-300M/156-60S</td>
<td>300 Wp</td>
<td>32,16 V</td>
<td>9,34 A</td>
<td>9,82 A</td>
<td>40,08 V</td>
<td>18,44 %</td>
</tr>
</tbody>
</table>

Design

Frontside 3.2 mm hardened, low-reflection white glass
Cells 60 monocrystalline high efficiency cells 156 mm x 156 mm (6")
Backside Composite film
Frame 65 mm silver anodized aluminium frame

Mechanical data
L x W x H 1640 x 992 x 35 mm
Weight 18,0 kg with frame

Power connection
Socket Protection Class IP67 (3 bypass diodes)
Wire approx. 1,1 m, 4 mm²
Plug-in system Plug/socket IP67

Limit values
System voltage 1000 VDC
NOCT (nominal operating cell temperature)* 45°C +2K
Max. load-carrying capacity 5400 N/m²
Reverse current feed IR 16,0 A
Permissible operating temperature -40°C to 85°C / -40°F to 185°F

(No external voltages greater than Uoc may be applied to the module)

* NOCT, irradiance 800 W/m², AM 1.5,
windspeed 1 m/s, temperature 20°C

Temperature coefficients
Voltage Uoc -0.30 %/K
Current ISC 0.04 %/K
Output Pmpp -0.40 %/K

Low-light performance (Example for AC-300M/156-60S)

<table>
<thead>
<tr>
<th>I-U characteristic curve</th>
<th>Current Imp</th>
<th>Voltage Upp</th>
</tr>
</thead>
<tbody>
<tr>
<td>200 W/m²</td>
<td>2,15 A</td>
<td>30,17 V</td>
</tr>
<tr>
<td>400 W/m²</td>
<td>3,71 A</td>
<td>31,20 V</td>
</tr>
<tr>
<td>600 W/m²</td>
<td>6,05 A</td>
<td>31,81 V</td>
</tr>
<tr>
<td>800 W/m²</td>
<td>7,57 A</td>
<td>32,10 V</td>
</tr>
<tr>
<td>1000 W/m²</td>
<td>9,34 A</td>
<td>32,16 V</td>
</tr>
</tbody>
</table>

Packaging
Module pieces per pallet 30
Module pieces per HC-container 840
Proposal

Company Name: Greensburg City Hall  
Customer Contact: Kyler Ludwig  
Address: 300 S. Main Street, Greensburg, KS  
Phone: (620) 723-2751  
Date: 11/13/17  
Email: administrator@greensburgks.org  
Prepared By: Andy Rondon

Content

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Pricing............................................................................................................................................................. 5
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Project Details – “Best” ................................................................................................................................ 8
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Cover Letter

Kyler Ludwig,

Good Energy Solutions (GES) is pleased to propose a PV solar solution for the City of Greensburg. The following systems represent high-quality products to provide reliable & clean energy. The proposed solutions include:

- 6 kW of conventional PV solar modules
- 5.68 kW of SunPower PV solar modules
- 4.485 kW of SunPower’s Premium Plus modules

Good Energy Solutions has been working with solar energy since 2007. Included is a list of references able to attest to the quality of GES workmanship and service. GES has extensive experience installing and maintaining solar PV systems in Kansas. GES also continually observes and engages trends and technology in the ever-changing renewables industry. Through this diligence, GES can provide complete energy solutions using the best technology in the industry.

The SunPower PV modules are manufactured by top solar manufacturer SunPower, a US company based in San Jose, CA. These modules are held to the highest US standards.

Further documentation explaining preliminary designs are included in this proposal. Thank you for your time and consideration.

Andy Rondon, Technical Sales
913-636-4948
Andy.Rondon@goodenergysolutions.com
Objectives

• Lock in a low cost of energy
• Promote Greensburg’s commitment to renewables

Recent Municipal Projects

Fire station #5

• 100 kW Total
• roof-mount
• Spring ’17
• Lawrence, KS
Recent Projects
Copper’s Carts

- 12.5 kW
- roof-mount
- September ‘17
- Hays, Kansas
Three Options: Good, Better, or Best
The table below compares the specs between the three options.

<table>
<thead>
<tr>
<th></th>
<th>Module Efficiency</th>
<th>Module Performance Warranty</th>
<th>Module Product Warranty</th>
<th>GES Workmanship Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Good</strong></td>
<td>18.6%</td>
<td>25 years, 83.6% in year 25</td>
<td>12 years</td>
<td>12 years</td>
</tr>
<tr>
<td><strong>Better</strong></td>
<td>17.2%</td>
<td>25 years, 82.6% in year 25</td>
<td>25 years</td>
<td>25 years</td>
</tr>
<tr>
<td><strong>Best</strong></td>
<td>21.5%</td>
<td>25 years, 92% in year 25</td>
<td>25 years</td>
<td>25 years</td>
</tr>
</tbody>
</table>

**Pricing**
All options below cost $20,000 & includes equipment, labor, engineering, permitting and all parts necessary for a fully functional and operational system.

System operates in 120/208V, 3-phase, 5 wire configurations. Requires a connected neutral. Service voltage outside of this may require redesign and add cost.

Pricing based on modules being delivered on or before Dec 31st, 2017. Modules delivered after Dec 31st, 2017 may be subject to tariffs or fees. These tariffs or fees are not included in the above pricing and will be the responsibility of the customer.
Project Details – “Good”
6 kW of roof-mounted, grid-tied solar PV consisting of:

- (20) Hanwha 300-Watt Qcell Modules, or equivalent
- (1) HiQ 120/208V, 3-phase inverter
- Produces 9,508 kWh/year
- Saves ~$950/year (based on 10 cents/kWh)
Project Details – “Better”

5.68 kW of roof-mounted, grid-tied solar PV consisting of:

- (16) SunPower 355-Watt P-Series Modules
- (1) HiQ 120/208V, 3-phase inverter
- Produces 9,314 kWh/year
- Saves ~$930/year (based on 10 cents/kWh)
Project Details – “Best”
4.485 kW of roof-mounted, grid-tied solar PV consisting of:

- (13) SunPower 345-Watt X-Series Modules
- (1) HiQ 120/208V, 3-phase inverter
- Produces 7,554 kWh/year
- Saves ~$750/year (based on 10 cents/kWh)
Warranties

HiQ Inverters

- Standard 10-year warranty with options to extend

Good Energy Solutions Warranties

- GES matches the module manufacturer’s warranties with
  - 25-year workmanship warranty on SunPower Projects
  - 12-year workmanship warranty on non-SunPower Projects

Project Timeline

1. Sign Contract & apply for Lease Financing
2. System design & material procurement
3. Customer approves final layout
4. Begin construction (6-10 weeks after contract signed)
5. End construction (7-10 days after construction begins)
6. Inspection (within 1 week of construction complete)
7. Utility meter swap/commissioning (1-6 weeks after construction & inspections completed)
8. System active after utility meter swap!
Commercial References

Bold, LLC.
1125 E. 4th Ave.
Hutchinson, KS. 67501
Westar Utility
Bob Peel, President
620-727-6166

200kw Roof Mounted Grid Tied Solar PV System.

Grant County National Bank
201 S. Main St.
Ulysses, KS 67880
Pioneer Electric Cooperative
Galen Pelton, President
620-356-4142

99.9kw Roof Mounted Grid Tied Solar PV system.

Logic Inc.
890 Mart Way Ct.
Olathe, KS 66061
Westar Utility
Ryan Vanlandingham
913-764-4400

42.5kw Roof Mounted Grid Tied Solar PV System.

United Wireless
1105 McArtor Rd.
Dodge City, KS. 67801
Victory Electric Coop utility
Craig Mock
620-227-8127

70kw Roof Mounted Grid Tied Solar PV System.
TO: Mayor and City Council  
SUBJECT: Union Pacific Water Well  
INITIATED BY: City Administrator, Kyler Ludwig

Background:  
In 1887 the City passed an ordinance giving the Chicago Kansas and Nebraska Railroad Company the rights to have the railroad through Greensburg, and to develop the properties within the railroad right of way. Today Union Pacific has the rights to the properties given to the railroad in 1887.

Analysis:  
Union Pacific has the rights to the property, and they have lease some of their land to the co-op. There is a water remediation well on the property, which union pacific has policies against. Union Pacific is interested in having the City pass an ordinance amending the previous ordinance to take back the property where the water well is located. The City could then give the well property away to the co-op.

Union Pacific wants to know if the City Council is open to this option. If the council does not want to go through with this process Union Pacific has expressed a desire to decommission the water well.

Recommendations/Actions:  It is recommended the City Council:  
Discussion on the proposal from Union Pacific.

Attachments: Greensburg Ordinance, Union Pacific Map
<table>
<thead>
<tr>
<th>Custodian No.</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>State</td>
<td>KANSAS</td>
</tr>
<tr>
<td>County</td>
<td>KIOWA</td>
</tr>
<tr>
<td>Val. Sec.</td>
<td>14-X</td>
</tr>
<tr>
<td>Map No.</td>
<td>21</td>
</tr>
<tr>
<td>Pcl. No.</td>
<td></td>
</tr>
</tbody>
</table>
No. 6

ROCK ISLAND LINE
Real Estate and Tax Department
Deed File:

County of Kiowa
State of Kansas

(City or Village) Greensburg

Condemnation
City Ord. 16
" to " 17

L. 12, 10, 11, 12 B 17
L. " " 18
L. " " 19
L. 166 ± 16, 17, 18 ± 20
L. 12, 13 to 18 " 21
L. 12, 10, 11, 12 " 22
L. 12 ± 23

Vacating Sts. and alleys
(See inside)

Sec. T., R_ of P. M.

Date 190

Consideration $  

See Pocket 62
No. 62

ROCK ISLAND LINES
Real Estate & Tax Department
Deed File:

County of Kiowa
State of Kansas
(City or Village) Greensburg

Ordinances
TO
C.R.I. and P. Ry.

Not platted on maps

see Pocket 6

Sec. T., R. of P. M.
Date 191
Consideration $
Ordinance No. 16—

An Ordinance providing for the passage of the Railway of the Chicago, Kansas and Nebraska Company through the Streets and Public Grounds of the City of Greensburg, County of Kansas, State of Kansas, and discontinuing certain streets, avenues and alleys in said City, and providing for the condemnation of certain property in said City for the purposes of giving the right of way and other privileges in said City to said Railroad Company.

Be it ordained by the Mayor and Council of the City of Greensburg:

Sec. 1. That the right of way be and the same is hereby granted to the Chicago, Kansas and Nebraska Railroad Company, its successors and assigns to construct, operate and forever maintain the main line of its Railway and side tracks, switches and second tracks appurtenant to such main line over, through, along and across Indiana Avenue in said City and all streets, avenues and alleys lying East of Indiana Avenue and West of the East line of Maple Street in said City, including that portion of Indiana Avenue produced West through the West Side Addition to Greensburg:

Sec. 2. That in the construction of said Railway through said City of Greensburg and over, across along and upon the streets, avenues and alleys aforesaid and each of
there the Chicago, Kansas and Nebraska Railway Company aforesaid is hereby authorized and empowered to build such em- 
placements and make such excavations as may be desirable and proper for the proper 
construction of its Railroad, Side tracks, 
switches, Depot, freight houses, Water tanks, 
and other buildings and structures of every 
kind to conform with the Established grade 
of the City, and to enjoy the full benefits 
of all and singular the privileges and fran-
chises hereby given and granted to said Rail-
way Company, its successors and assigns from.

Sec. 3. That all that part of the Alley lying 
North of the South line of Lot 16 in 
Block 17 in the City of Greensburg, if pro-
duced West across said Alley, be and the 
same is hereby vacated and discontinued:

Sec. 4. That all that part of the Alley lying 
North of the North line of Lot 10 in Block 
15 in said City, if produced West across 
said Alley, be and the same is hereby va-
cated and discontinued:

Sec. 5. That all that part of the Alley lying 
North of the South line of Lot 10 in Block 
17 in said City, if produced West across 
said Alley, be and the same is hereby va-
cated and discontinued:

Sec. 6. That all that part of the Alley lying 
North of the South line of Lot 16 in 
Block 20 in said City, if produced 
West across said Alley, be and the same
Sec. 7. That all that part of the alley lying north of the south line of Lot 13 in Block 21 in said city if produced west across said alley be and the same is hereby vacated and discontinued.

Sec. 8. That all that part of the alley lying north of the south line of Lot 10 in Block 22 in said city if produced west across said alley be and the same is hereby vacated and discontinued.

Sec. 9. That all that part of the alley lying north of the south line of Lot 12 in Block 23 in said city if produced west across said alley be and the same is hereby vacated and discontinued.

Sec. 10. That the south half of all that part of Indiana Avenue in said city lying between the east line of Walnut Street and the west line of Maple Street in said city except that portion of said Avenue crossed by Main Street be and the same is hereby vacated and discontinued.

Sec. 11. That all those parts of Sycamore Street, Oak Street, Pine Street and Cedar Street lying north of a line drawn from the south east corner of Lot 10 in Block 17 in said city to the southwest corner of Lot 3 in Block 22 in said city and south of the center of Indiana Avenue be and the same is hereby vacated and discontinued.
Sec. 12. That all of the following described lots situate in said City be taken and appropriated for the purpose of giving the right of way and providing depot and station grounds for said railway in said City to wit: Lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 in Block 17, Lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 in Block 18, Lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 in Block 20, Lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 in Block 21, Lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 in Block 22, Lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 in Block 23.

Sec. 13. That O. J. Greenleaf, T. C. McMullen, L. L. Dimmocks, W. A. Watts, and L. K. German, Five disinterested householders of said City of Greensburg, be, and they are hereby appointed Commissioners and Receivers to ascertain and report the damage sustained by Citizens of said City of Greensburg and owners of property therein by reason of the discontinuance of portions of the streets, avenues and alleys as provided in sections 2 to 11 inclusive of this Ordinance, and to appraise and assess the value of all lots taken and appropriated for the purpose aforesaid, as provided in Section 12 of this Ordinance to ascertain and report the damages which will be sustained by such owners by reason of such appropriation.
Sec. 14. Said Commissioners and viewers shall meet at the East End of Indiana Avenue in said City, on Monday the seventh (7th) day of March A.D. 1889, at 10 o'clock A.M., and shall each take and subscribe an Oath faithfully and impartially to make the assessment to them submitted, and shall thereupon proceed to make such assessment and ascertainment of damages as above provided and report the same in writing to the Mayor and Councilmen of said City with all convenient speed which report shall be filed with the City Clerk.

Sec. 15. Upon said report of said Commissioners and viewers being examined and confirmed by the Mayor and Councilmen of said City, the said City shall pay to all persons respectfully entitled thereto all damages by them sustained as ascertained and reported by said Commissioners and viewers. And for the payment thereof an order upon the Treasurer of said City in the usual form shall be issued to each person respectfully entitled thereto.

Sec. 16. That when said report shall be so made, filed, examined approved and confirmed as aforesaid, the Chicago, Kansas and Nebraska Railway Company aforesaid, its successors and
Sec. 16. All the lands, buildings, and other property, and all the rights and privileges of occupying so much of said Streets, Avenues, and Alleys, as is hereby given and granted to the Company in pursuance of said Ordinance, as is hereby given and granted to said Railway Company, its successors and assigns, shall be conveyed by the City to said Railway Company in pursuance of said Ordinance, as is hereby given and granted to said Railway Company, its successors and assigns, for the use as tracks, right-of-ways, &c., for the maintenance and construction of said lines. This Ordinance shall take effect and be in force from and after its publication once in the Greenburg News, the official newspaper of the City, passed the 20th day of February, 1887, and published March 3d, 1887.

Albert

George M. Stephens

Mayor

City Clerk

I hereby certify this to be a true copy of Ordinance No. 16 of the City of Greensburg as appears on Order Record Page 51.

R. M. Party

City Clerk
SS.W.(RI.) DEED

Custodian No. 6

State KANSAS

County KIOWA

Val. Sec. 14-X

Map No. 21

Pcl. No.
No. 6
ROCK ISLAND LINE
Real Estate and Tax Department
Deed File:
County of Kiowa
State of Kansas
(City or Village) Greensburg

Condemnation
City Ord. 16

"  " 17

TO

L. 1, 2, 3, 10, 11, 12, B 17
L.  "  "  "  "  "  18
L.  "  "  "  "  "  "  19
"  166 x 16, 17, 18  "  20
"  12, 3, 13 to 18  "  21
"  12, 3, 10, 14, 12  "  22
"  12, 12  "  23

Vacating Sts. and alleys
(See inside)

Sec. T, R of P. M.
Date 190
Consideration $5

See Pocket 62
No. 62

ROCK ISLAND LINES
Real Estate & Tax Department
Deed File:
County of Kiowa
State of Kansas
(City or Village) Greensburg

Ordinances
TO
C.R.I. and P. Ry.

Not platted on maps

Sec. Pocket 6

Sec. T., R. of P. M.
Date 191
Consideration $
Greensburg, Kansas, Kiowa County.

Ordinance #148.

An ordinance granting to the Chicago, Rock Island and Pacific Railway Company, its successors and assigns, the right to build and maintain switches and side tracks over and across certain streets and alleys in the city of Greensburg, Kansas.

Be it ordained by the Mayor and Councilmen of the City of Greensburg, Kansas.

Section 1. That the Chicago, Rock Island and Pacific Railway Company, its successors and assigns be and they hereby are permitted and authorized to build and maintain switches and sidetracks over and across the following streets and alleys in the city of Greensburg, Kansas, Walnut street, Sycanore street, Main street, Oak street, along the grounds and right of way of said railway company and across the alleys running through blocks 18, 19, 20, 21 and 22 in the original town now city of Greensburg, Kansas, provided that said Chicago, Rock Island and Pacific Railway Company Company, its successors and assigns shall build and maintain crossings over such side tracks at the intersection of said streets suitable for the crossing of wagons and other vehicles.

Section 2. This ordinance shall take effect and be in full force from and after its publication one time in the Kiowa Signal.

Passed by the Council June 6, 1910.

Approved by the Mayor June 6, 1910.

ATTEST:  

H. M. Davis,  
Mayor.

S. P. Lee, City Clerk.

Final vote recorded in Council Proceedings Page 121. Published in the Kiowa County Signal June 10, 1910.

S. P. Lee,  
City Clerk.
NOTE: BEFORE YOU BEGIN ANY WORK, SEE AGREEMENT FOR FIBER OPTIC PROVISIONS.
EXHIBIT "A"

UNION PACIFIC RAILROAD COMPANY
GREENSBURG, KIOWA COUNTY, KS
M.P. 328.50 - PRATT SUB.

TO ACCOMPANY AGREEMENT WITH
CITY OF GREENSBURG, KS
SSW-RI/KS/V-14K/521
SCALE: 1" = 50'

OFFICE OF REAL ESTATE
OMAHA, NEBRASKA DATE: 8-21-2017
DSK FILE: 1943-28