

AGENDA
CITY OF CENTRALIA, MISSOURI
Board of Aldermen
Public Works and Public Utilities Committee
Monday, October 5, 2015
7:00 P. M.
City Hall Council Chambers

- I. ATTENDANCE
- II. PLEDGE OF ALLEGIANCE
- III. COMMENTS FROM CITIZENS
- IV. ELECTRIC DEPARTMENT
 - A. Activity Report
 - B. Power Supply Management Discussion with Chris Dawson of GDS Associates, Inc. on Managed Power Portfolio
 - C. Additional power pole needed by Landis+Gyr for remote gas meter reading equipment
 - D. Other
- V. PUBLIC WORKS
 - B. Activity Report
 - C. Streets
 - D. Sanitation
 - E. Storm sewer
 - F. Other
- VI. WATER AND SEWER DEPARTMENT
 - A. Activity Report
 - B. Water
 - 1. Repair/replacement of the aerator at the water treatment plant
 - 2. Water Plant engineering services
 - C. Sewer
 - 1. Insituform repair at Hubbell
 - D. Other
- VII. OTHER
- VIII. AS MAY ARISE
- IX. ADJOURN

AGENDA
CITY OF CENTRALIA, MISSOURI
Board of Aldermen
Recessed Meeting

Monday, October 5, 2015

Approximately 7:45 pm

(Immediately following Meeting of the Public Works and Public Utilities Committee)
City Hall Council Chambers

I. ROLL CALL

II. ACTION AGENDA

A. Finance – None Scheduled

B. Permits and Licenses – None Scheduled

C. Legal –

1. Authorizing the Mayor and City Clerk of Centralia, Missouri to enter into a contract with Thomas W. and R. Eileen Patton and the Cornerstone Baptist Church to construct a sanitary sewer extension for public dedication. – Ordinance.

Bill No. _____ Ordinance No. _____

D. Purchasing

1. Authorizing the Mayor of Centralia, Missouri to sign a General Services Agreement with Gonzales Companies, LLC. for consulting services with the City of Centralia, Missouri water system – Ordinance

Bill No. _____ Ordinance No. _____

III. OLD BUSINESS

A. Approving Eagle Scout project in City square park for Duke Newstead

B. Diagonal Parking on Railroad Street

C. Sale of surplus police car

IV. APPOINTMENT OF A NEW PART TIME OFFICER AND FIXING AN EFFECTIVE TIME OF APPOINTMENT (Officer Samuel G. Williams, III)

V. AS MAY ARISE

VI. ADJOURN

ELECTRIC DEPT.

SEPTEMBER 2015 ACTIVITY REPORT

1. Daily readings – 49
2. Daily locates – 59
3. Re-reads – 19
4. Disconnects – 22
5. Hauled brush/yard waste as necessary
6. NW Lagoon – replaced phase failure relay for pump 1
7. Ivy Lane (Dan-Mar-Dale subdivision) – installed conduit, riser pole, transformer pads, transformers, pulled 758' of wire, made and tested all connections, energized circuit
8. Removed control wires along pole line from Water Plant to Well 5 site @ Gano Chance Drive
9. Removed tree along Howard Burton near South Field parking lot
10. Cobblestone Lake Estates – pulled 3857' of primary wire, started terminating and energizing circuits
11. 606 N Jefferson – replaced two poles
12. 123 N Allen – repaired bad connection at transformer
13. Connected 5 meter collector units for Ameren/Landis & Gyr used for reading gas meters
14. 922 Windset – pulled wire and connected new service
15. 826 Lockport – pulled wire and connected new service
16. 815 Lockport – connected temp service
17. 202 N Jefferson – disconnected temp service and removed single-phase pad mount transformer, pulled primary wire, installed cutouts, lightning arresters, & 3-phase pad mount transformer, made connections, tested & energized new service
18. Clayton & Andrew attended KCP&L transformer school
19. 902 Kelli Ct – pulled wire and connected new service
20. Repaired street lights – N Allen, South/Walnut, 8 on Hwy 22, Howard Burton/Mitchell, 806 Booth
21. 700 Ivy Lane – connected temp service
22. Mowed at shop and WSS as necessary
23. Sprayed weed killer at substations
24. 239 Denton – trimmed limb rubbing service drop
25. 421 N Jenkins – strung wire and connected new overhead service
26. 418 N Barr – strung wire and connected new overhead service
27. Burkhardt Substation – replaced riser switch on Feeder 3
28. 407 E Sims – damaged sewer service while digging hole for new pole, Sewer Department repaired service
29. 451 S Bradford – moved phase and neutral to allow new pole to be set, removed unnecessary secondary wires
30. 407 E Sims – set new 40' pole
31. 451 S Bradford – set new 40' pole along Sims St side
32. 431 S Rollins – disconnected/reconnected service at pole to allow customer to paint around connections at house
33. 814 S Allen – trimmed trees for primary line clearance
34. E Sims St – set pole & anchor @ 405 E Sims, installed down guy, framed and installed dollies, moved phase to dollies, strung guy wire two spans from alley to Jenkins St anchor, strung one short slack span in alley, moved neutral and primary phase to new poles, energized slack span, installed CO at corner of alley/Sims, finished transferring of transformer, secondary mains, and service drops, transferred CATV and phone, too, cut poles down short, pulled poles & filled holes



CITY OF CENTRALIA MISSOURI

POWER SUPPLY MANAGEMENT DISCUSSION

OCTOBER 5, 2015

OUTLINE

- Introduction
- Power Supply Planning & Process
- Schedule / Next Steps

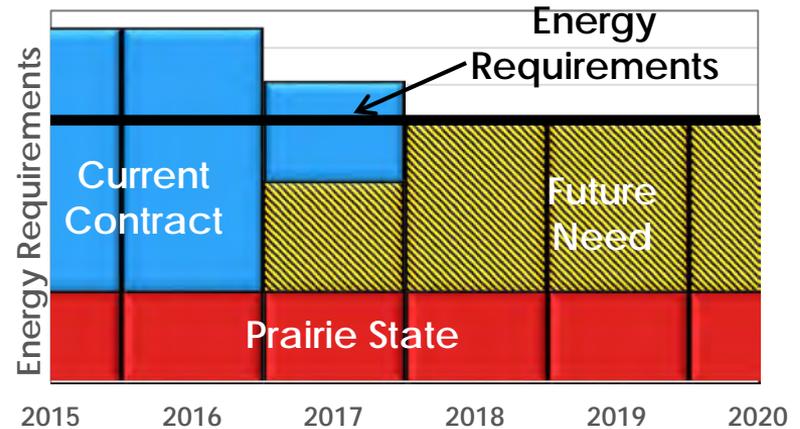


POWER SUPPLY PLANNING & SELF-MANAGED PROCESS



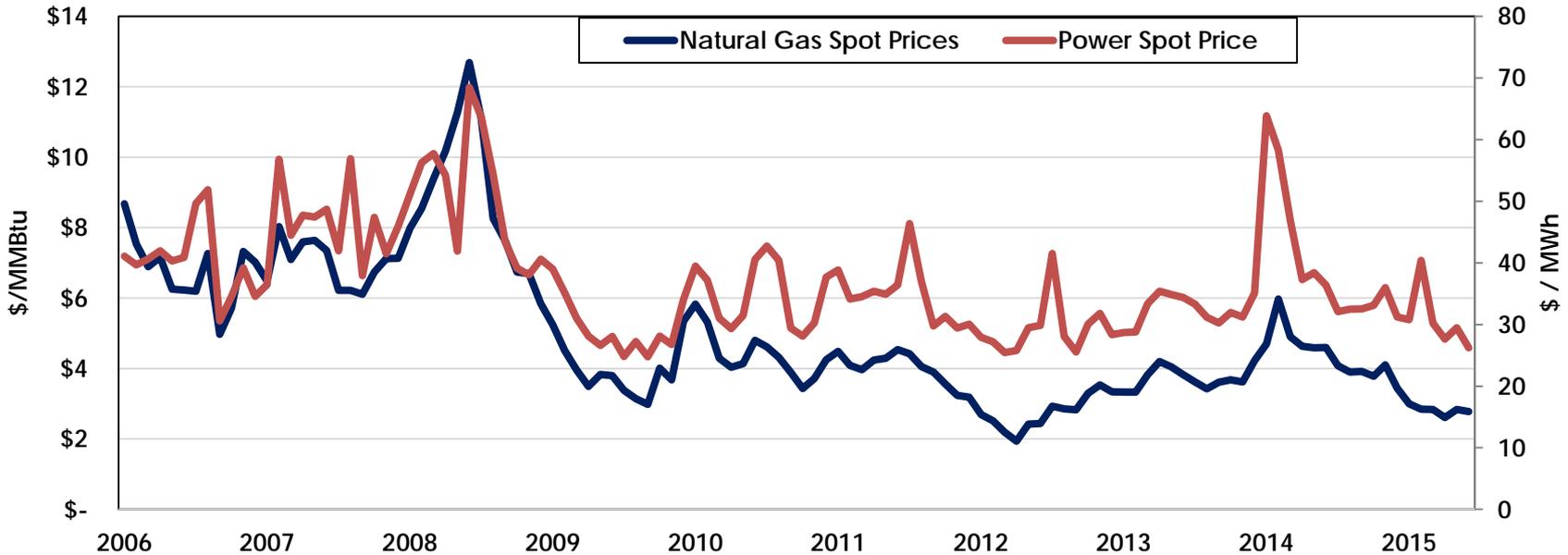
CURRENT POWER SUPPLY ARRANGEMENTS

1. Centralia purchases all of its power at a fixed price under a full-requirements contract with Illinois Power Marketing
 - o Jun 2014 – May 2017
2. Additionally, Centralia has a 2 MW share in Prairie State Energy Campus
 - o Two-unit coal plant located in Washington, IL



HISTORICAL PRICE VOLATILITY

Power prices and underlying fuel commodity prices have fluctuated over the past 10 years



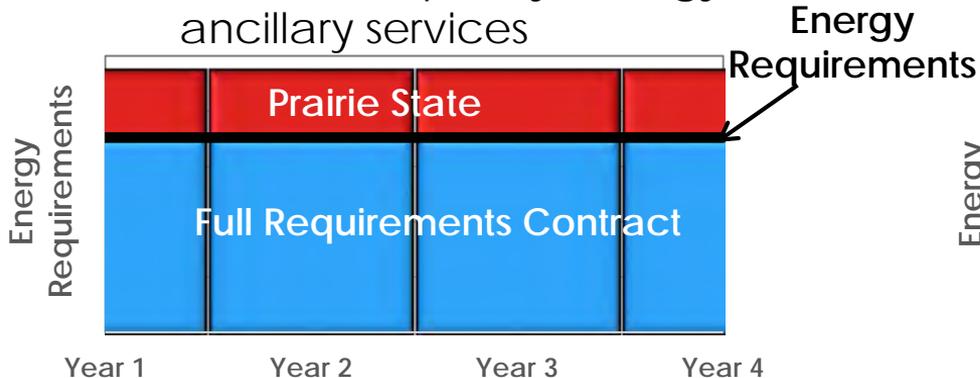
Henry Hub spot gas prices & MISO Indiana Hub Day-Ahead LMPs



POWER SUPPLY PLANNING OPTIONS

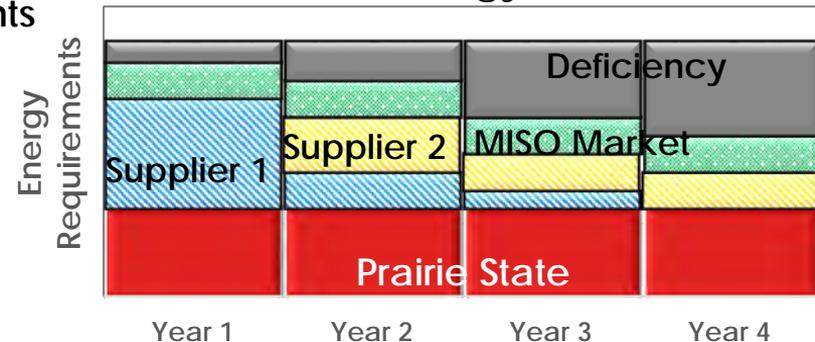
Full-Requirements

- ❑ Fixed Price (subject to market conditions)
- ❑ No Volumetric Risk
- ❑ No interaction with MISO Market
- ❑ Provides capacity, energy, and ancillary services



Self-Managed

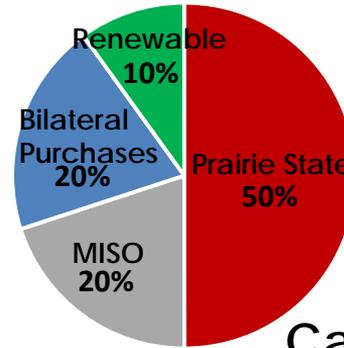
- ❑ Utilize Prairie State
- ❑ Choose resource diversity
- ❑ Buy power from MISO and other suppliers
- ❑ MISO market provides ancillary services and energy imbalance



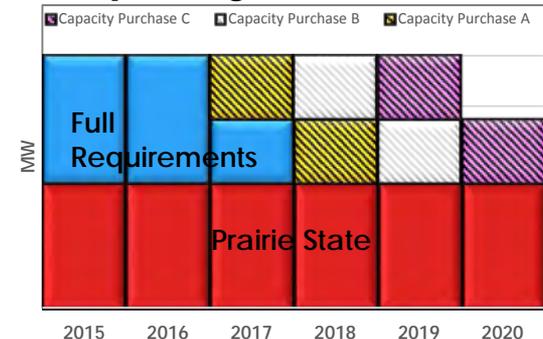
BENEFITS OF SELF-MANAGEMENT PROCUREMENT

1. Retail rate stabilization and competitive positioning
2. Resource / fuel / supplier diversity
3. Reliable power supply portfolio
4. Financially sound electric utility
5. Greater control of destiny

Energy Procurement



Capacity Procurement



SELF-MANAGEMENT PROCUREMENT

Advantages

- ❑ Pricing Diversity
- ❑ Term Diversity
- ❑ Cost Competitiveness
- ❑ Avoidance of risk premium pricing
- ❑ Utilization of Prairie State
- ❑ Ability to consider alternatives

Challenges

- ❑ More involvement required
 - Ongoing procurement
 - Ongoing evaluation
- ❑ Management of volumetric & resource replacement risk
- ❑ Meet MISO credit requirements
- ❑ Unbundled energy, capacity, and ancillary services



SELF-MANAGED PROCESS

Initialization Steps for Self-Management

- ❑ Establish Goals
- ❑ Assessment and Evaluation of Power Needs
- ❑ Power Supply Procurement Strategy



STRATEGIC POWER SUPPLY PLANNING GOALS

1. Cost Averaging

- Purchase in a way that stabilizes costs by balancing market highs and lows

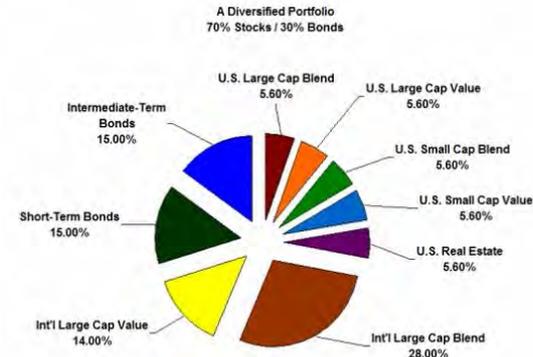
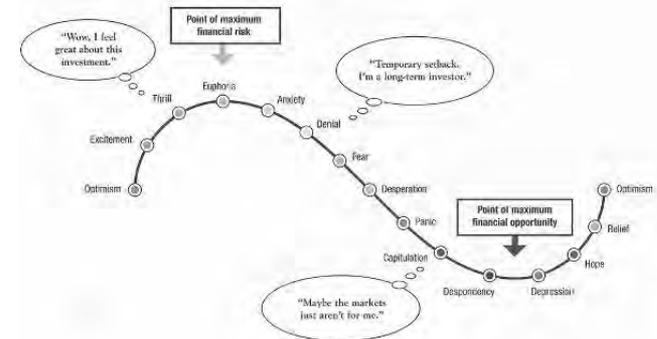
2. Layering

- Purchase increments of total energy needs at different times to average out market highs and lows

3. Diversity

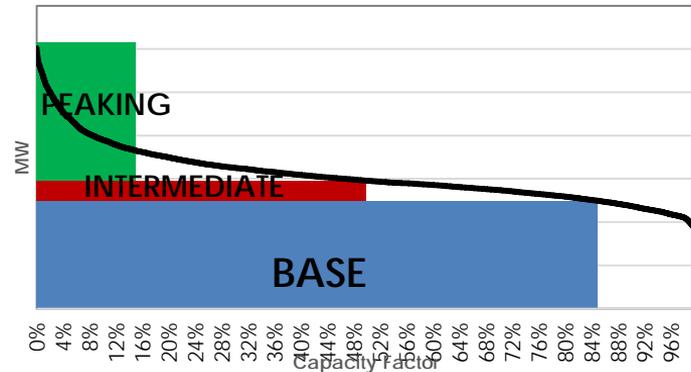
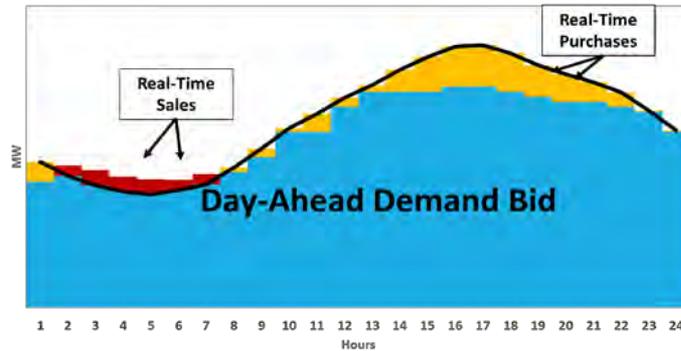
- Participate in varying energy purchases mixing fuel types, contract term lengths, and contracting entities

The cycle of market emotions

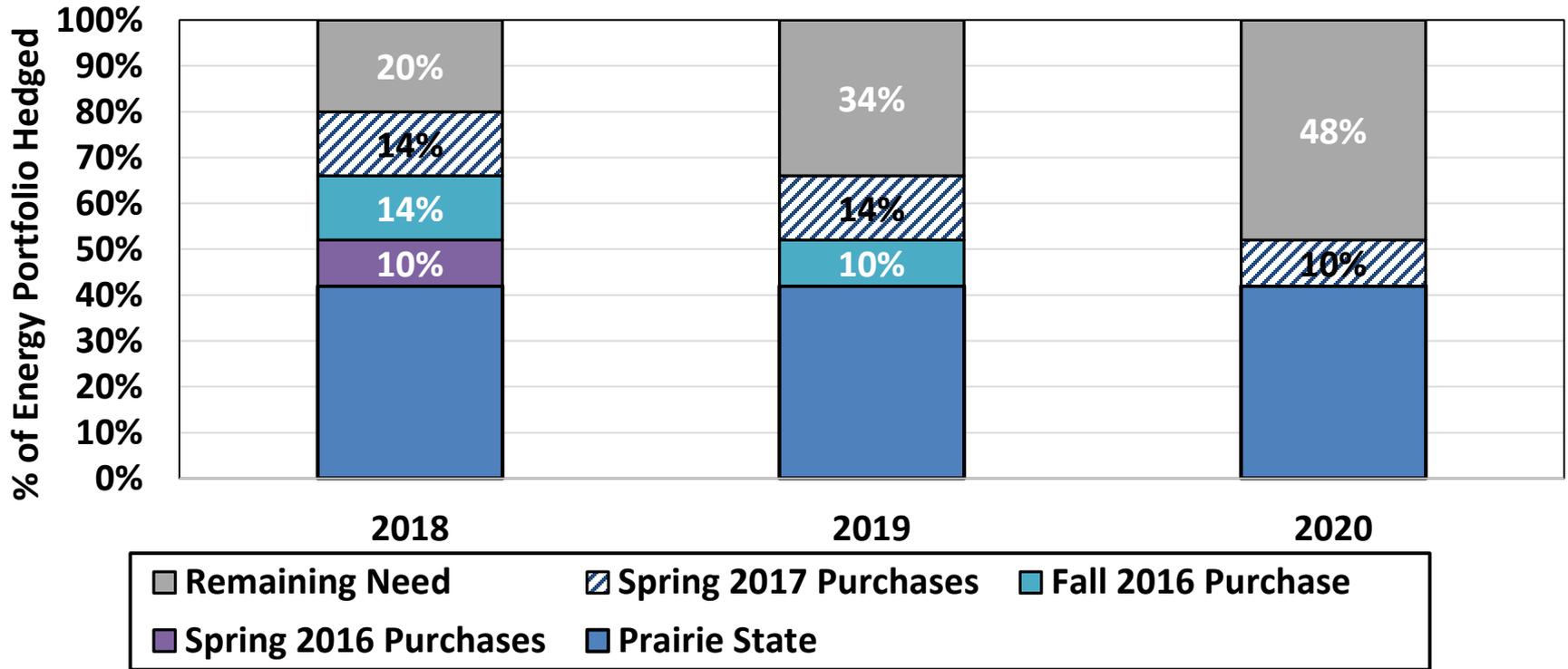


ASSESSMENT AND EVALUATION OF POWER NEEDS

1. Development of short-term and long-term energy and demand forecasts
2. Review of current resources & city generation (e.g. Prairie State)
3. Determination of remaining energy and capacity needs
4. Assessment of power supply planning goals and risk appetite



ENERGY PROCUREMENT STRATEGY (EXAMPLE)



Prairie State shown at 85% capacity factor



SELF-MANAGED PROCESS

Annual Activities

- ❑ Energy / Capacity Procurement
- ❑ Resource Feasibility / Evaluation
- ❑ MISO Resource Adequacy/FTR Auctions



ENERGY/CAPACITY PROCUREMENT ALTERNATIVES

Energy Procurement

1. MISO Market
2. New or Existing Generation
3. Bilateral Purchased Power

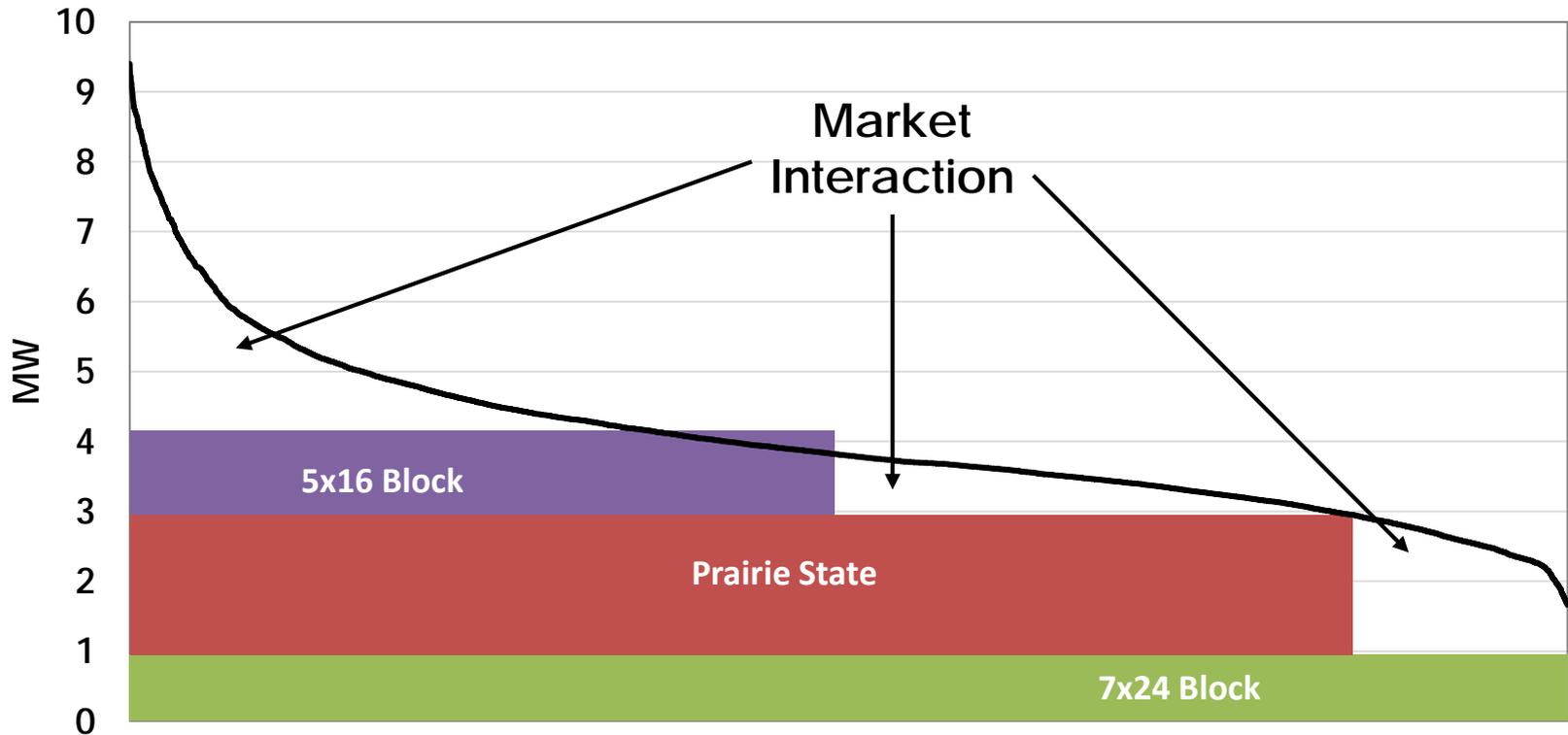


Capacity Procurement

1. MISO Annual Auction
2. Large Utility & Owned Generation
3. Bilateral Capacity (ZRCs) PPA



ENERGY DIVERSITY EXAMPLE



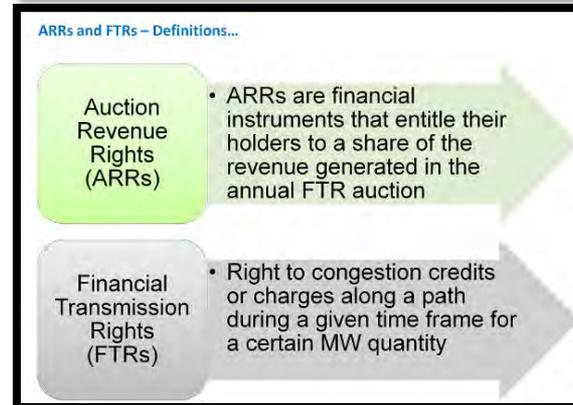
RESOURCE FEASIBILITY EVALUATIONS

1. Economic Feasibility
2. Portfolio Diversification
3. Emissions Regulations
4. Changes in MISO Market
5. Ownership vs PPA
6. Renewables versus traditional resources
7. Transmission interconnection and congestion



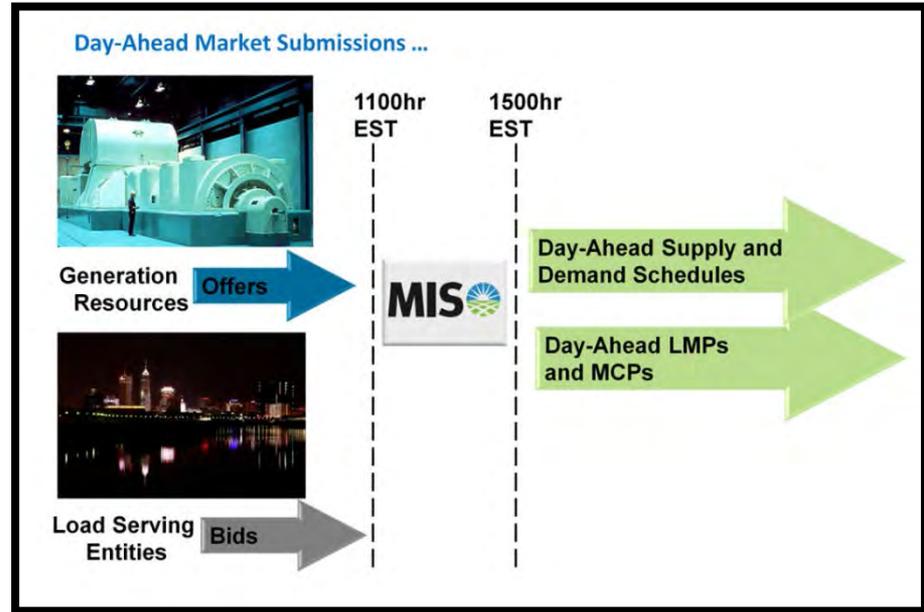
ANNUAL MISO ACTIVITIES

- MISO has two primary annual processes
 - Resource Adequacy (Capacity)
 - Auction Revenue Rights (ARR) & Financial Transmission Rights (FTR)
- MISO operates on a June – May Planning Year
 - Deadlines lead up to June year start
- MISO SA and FTR Working Groups are monthly meetings of stakeholders that manage these processes



DAILY MISO ACTIVITIES

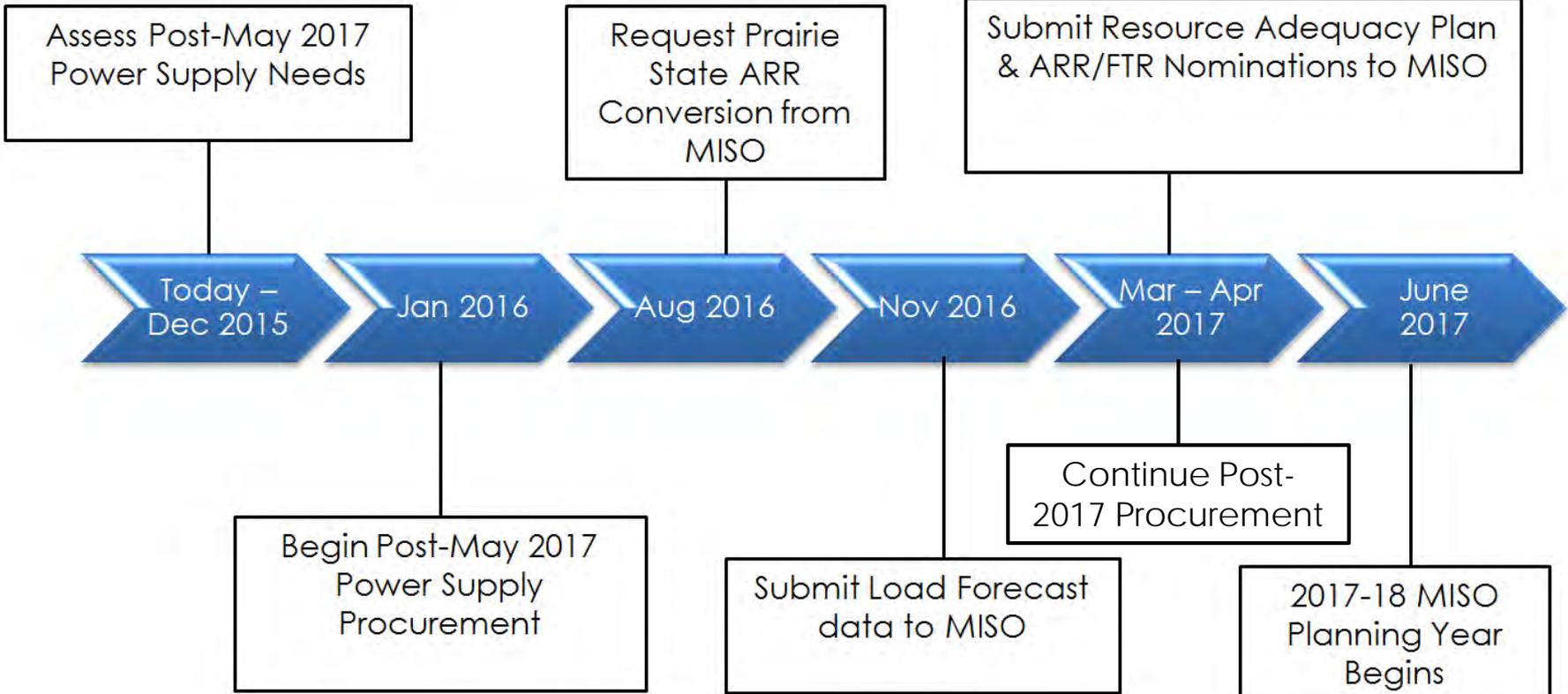
- Daily submittals to MISO
 - Load forecast (morning)
 - Meter data (after-the-fact)
- MJMEUC handles all Prairie State responsibilities
- These activities can be administered in-house or by an agent
- Maintain daily credit requirements



SCHEDULE / NEXT STEPS



IMPLEMENTATION TIMELINE



NEXT STEPS

- ❑ Create power supply procurement plan (Board approval)
- ❑ Identify synergies with MO municipals
- ❑ Evaluate resource alternatives
- ❑ Negotiate EEI Master agreements with power suppliers
- ❑ Establish responsibilities for daily MISO activities
- ❑ Complete pre-2017 MISO & procurement activities



FACILITY OR POLE ATTACHMENT AGREEMENT

THIS FACILITY OR POLE ATTACHMENT LEASE AGREEMENT (“LEASE”) is made and entered into as of 4 / 20 / 15, or the last signature date below if no date is inserted, between the following Lessor and Lessee:

Lessor: City of Centralia, Missouri a municipal Corporation,

Lessee: Landis+Gyr Technology, Inc., 8610 Page Avenue, Overland, MO 63114;
Attn: Ameren Program Manager (for notice purposes).

1. **Lease.** Lessor represents that Lessor is the owner of the pole(s) or other facility(ies) (“**Facility(ies)**” or “**Pole(s)**”, as applicable) described in Section 2 hereof, however, Lessee must obtain their own easement(s) for use of any Facility(ies) or Pole(s) of Lessor and must record such easement(s) in the proper county(ies). It is specifically understood that the Lessor is not assigning any portion of any of its easements under the terms of this lease or otherwise to Lessee.

2. **Site.** The Facilities and/or Poles which are subject to this Lease are located approximately as follows (**Site(s)**):

Sites:

102 E Fairview St Centralia Mo 65240

500 E Lakeview Ave Centralia Mo 65240

510 South Rollins St Centralia Mo 65240

211 S Allen St Centralia Mo 65240

521 S Central Ave Centralia Mo 65240

3. **Use/Equipment.** “**Equipment**” means communications equipment, including transmitters, receivers, antennas, cables, control devices and related enclosures used to transmit or receive any frequency for any purpose that does not interfere with the operation(s) of the Lessor, Lessor’s members, or the general public, together with all ancillary wiring, cabling, mounting hardware, utility connections, circuit breakers, and other necessary hardware. Only electrically qualified personnel of the Lessee and/or only electrically qualified personnel of its designee shall be permitted to conduct activity at any Site(s), Facility(ies) or Pole(s) necessary for the successful performance of Lessee’s Equipment, including installing, removing, and maintaining Equipment. Any Equipment of the Lessee installed is not a fixture and title to the Equipment shall remain with Lessee. Without exception, the Equipment must maintain all proper clearances according to the National Electrical Safety Code. Lessee must have written permission from the Lessor prior to the installation of any Equipment on Lessor’s Site(s), Facility(ies) or Pole(s). Lessor may deny permission for installation of any and/or all Equipment on any Lessor Site(s), Facility(ies) or Pole(s) at its sole discretion. All labor or material provided by the Lessor for the purpose of facilitating the attachment (make ready) will be paid in advance.

4. **Term.** The term of this Lease (“**Term**”) shall be one (1) year commencing with the date

the Lease is entered into, or the last signature date below, whichever is earlier **“Commencement Date”**). The Lease shall be deemed automatically extended for additional one (1) year term unless either party gives written notice to the other of its termination of this Lease at least ninety (90) days prior to the expiration of the then current one (1) year term, which includes the initial one (1) year. Any additional one (1) year term is as an **“Additional Term”**.

- 5. Rent.** Upon the Commencement Date, Lessee shall pay Lessor in advance on a yearly basis the sum of One Hundred Eleven and Ninety-Two Cents \$111.92 per year (“Rent”) per Pole, Facility or Site. Rent shall be prorated for the initial year per Pole, Facility or Site, and thereafter, Lessee shall pay a full year’s Rent on or before the 15th day of July each calendar year, except that payment shall be prorated if this Lease terminates before the expiration of the then current calendar year. Rent cost will be reviewed from time to time and reasonable adjustments to the annual fee will be made as cost change. The rent is based on the established monthly base meter charge of \$8.91 per month or \$106.92 per year for all customers in the City of Centralia plus \$5.00 annual pole attachment. As the base meter charge increases, the rate will automatically increase. No amount will be metered or charged for actual electric use unless the agreement is amended by mutual agreement.
- 6. Termination.** Either party may terminate this Lease, but with respect to each affected Site(s), Facility(ies) or Pole(s) only: (a) in the event of a material breach of this Lease by the other party, meaning a substantial and significant violation of the Lease which would normally excuse the non-breaching party from further performance, which has not been cured within ten (10) days from the date of receipt of written notice of such breach from the non-breaching party, with the exception of Section 9 hereof; (b) in the event of any condemnation of the Site(s), Facility(ies) or Pole(s) by any governmental authority; or (c) in the event of any damage, destruction or other causality that renders the Site(s), Facility(ies) or Pole(s) temporarily or permanently unsuitable for Lessee’s intended use. Termination shall be effective (a) as of the end of the cure period in the case of any uncured material breach; (b) as of the date of possession in the case of any condemnation; or (c) as of the date of any occurrence described in clause (c) of the immediately preceding sentence. Lessee may terminate this Lease, but with respect to each affected Site(s), Facility(ies) or Pole(s) only, for any reason at any time prior to installing its Equipment. Thereafter, Lessee may terminate this Lease, but with respect to each affected Site(s), Facility(ies) or Pole(s) only, prior to the expiration of the initial Term and any Additional Term upon not less than thirty (30) days prior written notice to Lessor in the event that: (a) Lessee is unable to use a Site, Facility or Pole as desired by Lessee; (b) Lessee is unable to obtain any certificate, license, permit, recorded easement, authority or approval from any governmental authority or property owned that is necessary for Lessee’s intended use of a Site, Facility or Pole; or (c) any certificate, license, permit, recorded easement, authority or approval previously issued or given is cancelled, expires, lapses or is otherwise withdrawn or terminated.
- 7. Access/Utilities.** Lessee shall install and maintain its own Equipment at its own expense. Only electrically qualified personnel of the Lessee and/or only electrically qualified

personnel of the Lessee's designee shall have access to the Site(s), Facility(ies) or Pole(s) 24 hours/day, 7 days/week or as stipulated in any certificate, license, permit, recorded easement, authority or approval in effect. Lessor agrees to provide power and to connect the electricity source to Lessee's Equipment to enable Lessee to use its Equipment as per Lessor's Bylaws and policies as they exist and as may be amended by the Lessor or its members. Upon termination of its operations at the Site(s), Facility(ies) and Pole(s), Lessee shall remove all of its Equipment and surrender the Site(s), Facility(ies) and Pole(s) to Lessor in good condition, ordinary wear and tear excepted.

8. Interference. Lessee shall not permit any use of the Site(s), Facility(ies) and/or Pole(s) in any way which interferes with the operations of the Lessor. Lessor shall have the authority to immediately, without prior notice, disconnect and/or remove any Equipment of the Lessee at any Site(s), Facility(ies) and/or Pole(s) that are believed to interfere with the operations of the Lessor, including, but not limited to, noise on the Lessor's electrical system that may affect or interfere with electrical current, data flow and/or other Lessor operations.

9. Notices/Indemnification/Miscellaneous/Applicable Law.

(a) *Notices.* Notices shall be in writing, and shall be delivered certified mail, postage prepaid, return receipt requested or by a nationally recognized overnight delivery service to the address given at the beginning of this Lease or to the address specified in the most recent notice of any change of address delivered in accordance with the notice provisions of this Lease, with the exceptions of: (a) annual billing for electrical service and rent; (b) changes in rates, Bylaws and/or policies; which exceptions may all be mailed and delivered by regular mail through the United States Post Office. If the party does not accept delivery, then the notice provisions of this Lease shall be deemed satisfied.

(b) *Indemnification.* Lessee agrees to defend, pay on behalf of and hold harmless Lessor and its directors, officers, agents, and employees for all claims of whatsoever nature or kind, including those brought by employees of Lessee or Lessor's designee(s), arising out of or as a result of any act or failure to act, whether or not negligent, in connection with the performance of work performed or to be performed pursuant to this Lease. Lessee agrees to defend and pay all costs in defending these claims, including attorney fees.

(c) *Insurance* Lessee agrees to maintain public liability and property damage insurance (including automobile public liability and property damage insurance) to cover the obligations set forth above. The minimum insurance limits shall be \$1 million bodily injury and property damage. Lessor shall receive a minimum thirty (30) day notice in the event of cancellation of insurance required by this Lease. Lessee shall furnish a certificate of insurance to Lessor showing the above obligations and requirements are provided for by a qualified insurance carrier, and showing the Lessor as an additional insured on such insurance. In the event of any default by Lessee under the terms of this Lease, including but not limited to failure to make timely rent payments to Lessor, Lessee agrees to reimburse Lessor for its

costs incurred in enforcing this Lease as a result of Lessee's default, including but not limited to Lessor's attorney fees and court costs.

(d) *Miscellaneous.* Each party represents that it has the authority to enter into this Lease. Neither party has been represented by any real estate broker in this transaction. Lessor warrants that the Lessee shall have enjoyment of the Site(s), Facility(ies) and/or Pole(s) upon attainment of any certificate, license, permit, recorded easement, authority or approval necessary under the terms of this Lease. This Lease represents the entire agreement between the parties with respect to the subject matter hereof and supersedes all prior agreements, understandings, and negotiations, whether oral or written, with respect thereto. No amendment, change or waiver of any of the terms and conditions of this Lease shall be effective unless in writing and signed by both parties except as otherwise stated in this Lease. No waiver of any provision of this Lease shall constitute a waiver of any other provision of this Lease or of the same or any other provision in any other instance. If any term of this Lease is deemed invalid, the remainder of this Lease shall not be affected. This Lease shall inure to the benefit of and be binding upon the successors or assigns of each party and their successors or assigns. This Lease may be signed in counterparts, each of which shall be an original, with the same effect as if the signatures thereto were upon the same instrument. Facsimile signatures shall be deemed original signatures.

(e) *Applicable Law.* This Lease shall be governed by and construed in accordance with the laws of the State of Illinois. The parties agree that any dispute arising out of or related to this agreement shall be litigated, if at all, in the Circuit Court of Madison County, Illinois.

The parties' authorized representatives have duly executed this Lease as of the dates set forth below.

LESSOR:

By: 
Name: Tim Grenke
Title: Mayor
Date: 4/29/15

LESSEE:

By: 
Name: MARIE W SULLIVAN
Title: PROGRAM MANAGER
Date: 4/9/15

A BILL TO CREATE AN ORDINANCE ENTITLED:

“AN ORDINANCE AUTHORIZING AND DIRECTING THE MAYOR AND CITY CLERK OF THE CITY OF CENTRALIA, MISSOURI, TO EXECUTE A LEASE AGREEMENT WITH LANDIS+GYR TECHNOLOGY, INC., OF OVERLAND, MISSOURI FOR PERMISSION TO ATTACH EQUIPMENT TO CITY OF CENTRALIA, MISSOURI UTILITY POLES AND REPEALING ORDINANCE NUMBER 2799.”

BE IT ORDAINED BY THE BOARD OF ALDERMEN OF THE CITY OF CENTRALIA, MISSOURI, as follows:

SECTION 1. The Mayor and City Clerk of the City of Centralia, Missouri are hereby authorized and directed to execute a lease agreement with Landis+Gyr Technology, Inc., of Overland, Missouri for Permission to Attach Equipment to City of Centralia, Missouri Utility Poles, in exchange for an annual fees determined by the number of utility poles on which equipment is attached, multiplied by a per pole fee of One Hundred Eleven Dollars and Ninety-Two Cents (\$111.92) per year

SECTION 2. This ordinance repeals ordinance number 2799, an ordinance authorizing and directing the Mayor of Centralia, Missouri to execute a lease agreement with Cellnet Technology, Inc., of Overland, Missouri for Permission to Attach Equipment to City of Centralia, Missouri Utility Poles.

SECTION 3. This ordinance shall take effect and be in full force and effect from and after the date of its passage and approval.

PASSED this 20th day of April, 2015.

Mayor

ATTEST:

City Clerk

This ordinance approved by the Mayor this 20th day of April, 2015.

Mayor

ATTEST:

City Clerk

STREET and SANITATION DEPARTMENT
Monthly Activity Report for September 2015

1. Daily trash collection
2. Weekly cardboard and bi-weekly curbside recycling
3. Mowed ditch that runs thru the golf course
4. Added some dirt and smoothed up ruts in alley behind Booth st.
5. Did 56 locates this month
6. Dug out several culverts at Walnut/Early
7. Did some ditch cleaning on Porter st, s. Columbia st, North st, and Gano
8. Mowed street ditches
9. Hauled off 2 load of plastic to City of Columbia recycling facility
10. Hauled off 2 load of plastic of Ryan Ent. in Millersburg
11. Hauled off 3 loads of recycling to City of Columbia recycling facility
12. Spent several days hauling off brush and grass from drop off site to the landfill
13. Added rock and smoothed up several shoulders and alleys
14. Hauled off pile of concrete at the Bicentennial Park
15. Piled compost, dirt, and pushed brush pit at the landfill with the dozer
16. We had 1 double trash route this month
17. Spent several days working with ACE pipe cleaning on cleaning and lining the 2 culverts on s. Jefferson
18. Took out loaner dumpsters several times this month
19. Relocated stop sign at Columbia/Clark and put street name sign on top of it
20. Dug out and poured concrete in street cut on n. Jefferson
21. Had meeting with MECO, Matt, and myself about the sidewalk project
22. Assembled and delivered 2 trash carts
23. Spent several days patching potholes
24. Replaced post and put sign back up on w. Singleton that had been run over
25. Replaced leaking hydraulic hose on trash truck #13
26. Took dump truck #77 to Meyers Truck Service for a recall
27. Jackhammered concrete flume at Jefferson/Gano and spread out rubble for rip-rap
28. Put dirt around 2 inlets at Jefferson/Railroad
29. Did maintenance on both trash trucks
30. Pulled sign post and base that got run over at Miles/Booth and put street name on top of stop sign
31. Dug out and set 24ft on 10in plastic culvert for driveway of new house of Green st
32. Filled several suck holes on old storm sewer on Bradford
33. Met with Steve Hahn and looked at ditch by the Methodist Church and the parsonage
34. Spent several tearing out, forming, and pouring 160ft of sidewalk on w. Sneed
35. Repaired tailgate chains and bracket on dump truck #4

36. Hauled off sidewalk from 608/610 s. Allen for sidewalk program
37. Repaired wheels on 1 dumpster
38. Took new dumpster to Carwash and took old one out to Herndons Welding for repairs
39. Cleaned up shop
40. Assisted Romine Overhead Doors with replacing 2 springs on shop door that broke
41. Mowed old landfill on Fountain rd
42. Hauled 5 loads of dirt from bicentennial park to the city park
43. Cleaned out the back of the work truck
44. Started mowing at old landfill behind trailer ct

ACTIVITY REPORT
WATER DEPARTMENT
SEPTEMBER 2015

- Replaced bad 6" valve at Adams / Bruton
- Installed new 6" valve with insert tool at Bruton / Sunset
- Installed new 4" valve with insert tool at Denton / Rodney Griffin
- Repaired leak on 4" service main at High School
- Replaced water service to dog pound
- Changed key valves at 409 Jenkins
- Changed key valves at 809 Mitchell
- Changed key valve at 223 Denton
- Hauled 85 loads of lime to 3 different farms
- Made 1" water tap for sprinkler line at Darren Adams on Lockport Drive
- Dug at 415 Jenkins to repair leak on meter setter
- Straightened meter jar at 814 Emerald from yard grade work
- Set temporary meter at Russ Green's on Lockport
- Painted fire hydrants
- Gave Water Plant tours to 5th graders
- Moved water service at 608 Tarr to protect meter pit from traffic and freezing
- Met with Insituform at Chances on sewer lining – twice
- Flushed sewer main to Head Start on Fairgrounds
- Repaired sewer service at 407 E. Sims hit during pole construction
- Placed 2" hydrant meter at LaCrosse for watering
- Cleaned primary and secondary basins at Water Plant
- Flushed discharge line from lime pond to creek to clear blockage
- Lowered valves to grade on Lockport
- Met with 421 Coulter about pipe in back yard – old well – advised as to how to cap off
- Cleaned at #3 well house
- Checked odor at W. Sims – storm sewer
- Dirt work on holes at Briarwood, Jenkins, Booth
- Met with Bruce Kasubke at Chance's about future work by Drop Forge and digging to be done

- Reprogrammed radio's on several 2" meters
- Called in to 321 S. Jenkins Apt. 2 about leak – resident side
- Inspected sewer repairs Head Start
- Assisted 817 Doty with sewer issue, checked mains
- Checked water pressure issue at Tommy Patton's on N. Hickman – ok
- Checked for leak at 313/315 S. Jefferson at owners request – ok
- Checked sewer main at Earnie Ferguson's for blockage – ok
- Raised meter pit at 618 Pool for yard grade work
- Read all utility meters for billing
- 18 disconnects for nonpayment
- 6 reads for office use



Proposal For:
Centralia

Equipment:
Aluminum Induced Draft Aerator

Represented By:
Ray Lindsey Company
P.O. Box 958
St. Charles, Missouri 63302
Contact: Bob Starr
Phone: (314) 808-1116
bstarr@raylindsey.com

Furnished By:
WesTech Engineering, Inc.
Salt Lake City, Utah 84115
Contact: Jon Farrell
Direct: 515.268.8559
Phone: 801.265.1000
Fax: 801.265.1080

WesTech Proposal: 1530387
Tuesday, September 29, 2015

ITEM: "A" - Aluminum Induced Draft Aerator

We are proposing an Aluminum Induced Draft Aerator system for this project. This system is designed as follows:

Critical Design Information

Flow to System:	1600 gpm
Number of Aerators:	1
Size of Aerator:	96" square x 14'-0" shell height
Hydraulic Loading:	25 gpm/ft ²
Blower Capacity:	4800 cfm
Air/Water Ratio:	3 cfm/gpm
Blower Horsepower:	0.75 hp
Number of Blowers/unit:	1
Raw Iron Concentration:	_____ ppm
Raw Carbon Dioxide Conc.:	_____ ppm
Other:	_____ ppm



Technical Description:

Induced draft aeration is an effective, inexpensive and low-maintenance method of improving finished water quality in a large number of applications. Air is induced up through the aerator chamber, while water is introduced at the top of the unit, evenly distributed with a gravity tray, and free-falls through the aerator media. Upflowing air sweeps through the falling water to increase the oxygen content. Dissolved solids such as iron are transformed to their oxidized states, enabling them to be removed by downstream equipment. In addition, unwanted dissolved gases (e.g. carbon dioxide, hydrogen sulfide, VOC) are removed to reduce chemical requirements, stabilize pH, or eliminate objectionable tastes and odors.

Key Features and Benefits

- Gravity inlet tray ensures uniform water distribution and air collection across internals while minimizing inlet pressure requirements, reduces pumping power costs compared to spray aerators.
- Aluminum construction eliminates painting and is corrosion resistant for simplified maintenance.
- Multiple internal media configurations optimize treatment performance.

The following budget pricing includes:

Square aluminum aerator housing with hinged and bolted side with support legs. Screened air intake and exhaust. Inspection port below the internals. Flanged inlet connection and plain end effluent connection. Moisture separator. Aluminum distribution tray. Fourteen rows of round 1-1/4 inch PVC slats spaced on 6" vertical centers. Aluminum and stainless steel induction blower with TENV drive motor. Freight to the job site and startup service.

[Induced Draft Aerator Web Site](#)

BUDGET PRICING

ITEM	EQUIPMENT	PRICE (U.S.)
"A"	Aluminum Induced Draft Aerator	\$50,000

The above mentioned equipment was designed according to the information which we received. The dimensions may vary slightly depending on the plant's actual design parameters. Assumed values may have been used, therefore, all information shall be verified by the Engineer.

Unless otherwise indicated, prices listed are for equipment only. All optional items will be offered with the purchase of the scoped equipment only. No optional items will be sold separately.

Prices are for a period not to exceed 30 days from date of proposal.

Warranty: A written supplier's warranty will be provided for the equipment specified in this section. The warranty will be for a minimum period of (1) year from start-up or 18 months from time of equipment shipment, whichever comes first. Such warranty will cover all defects or failures of materials or workmanship which occurs as the result of normal operation and service except for normal wear parts (i.e. squeegees, skimmer wipers, etc.).

Terms: Terms for equipment are 15 percent payment of the purchase price with submittal drawings, 35 percent upon release for fabrication, and 50 percent net **30 days** from shipment. Retentions are not allowed.

Sales Tax: No sales tax, use tax, or duties have been included in our pricing.

Freight: Prices quoted are **F.O.B. shipping point** with freight allowed to a readily accessible location nearest to jobsite. All claims for damage or loss in shipment shall be initiated by purchaser.

Submittals: Submittals will be made approximately **6 to 8 weeks** after purchase order is received in our office.

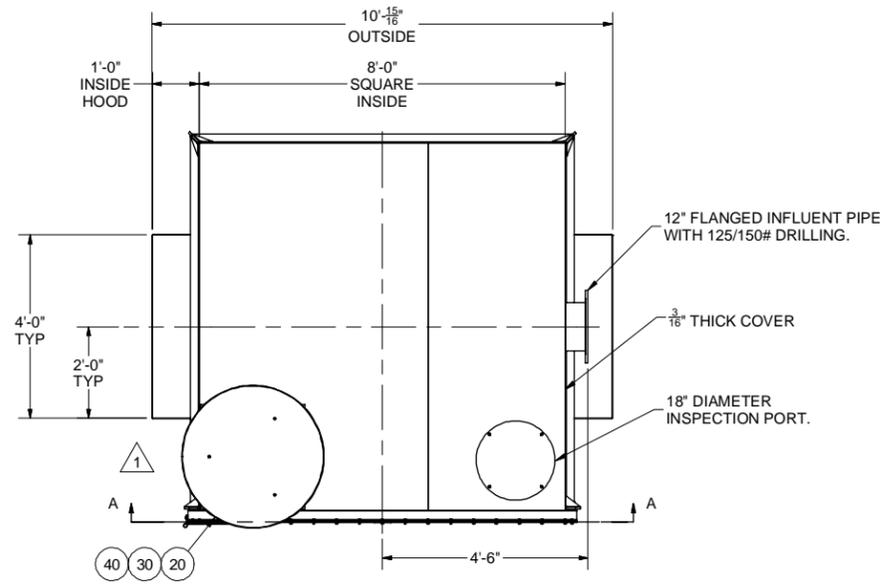
Shipment: Estimated shipment time is **18 to 20 weeks** after approved submittal drawings are received in our office.

Field Service: Prices do not include field service unless noted in equipment description. Additional field service is available at \$960.00 per day plus expenses.

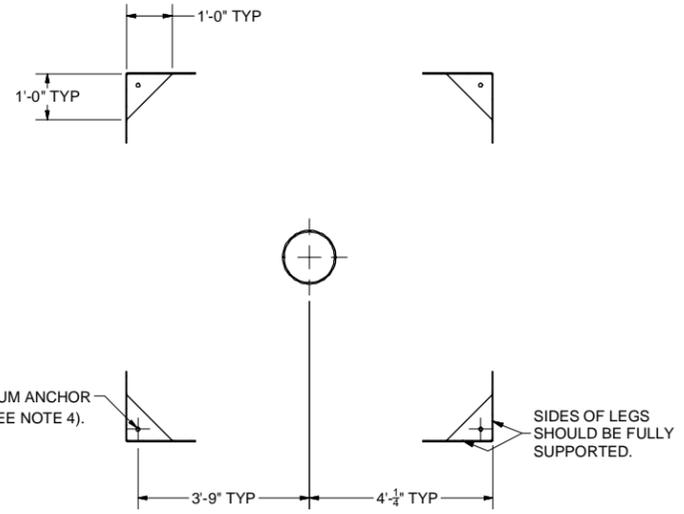
Paint: If your equipment has paint included in the price, please take note of the following. Primer paints are designed to provide only a minimal protection from the time of application (usually for a period not to exceed 30 days). Therefore, it is imperative that the finish coat be applied within 30 days of shipment on all shop primed surfaces. Without the protection of the final coatings, primer degradation may occur after this period, which in turn may require renewed surface preparation and coating. If it is impractical or impossible to coat primed surfaces within the suggested time frame, WesTech strongly recommends the supply of bare metal, with surface preparation and coating performed in the field. All field surface preparation, field paint, touch-up and repair to shop painted surfaces are not by WesTech.

BILL OF MATERIAL									
POS	UNIT QTY	ITEM CODE	DESCRIPTION	MATERIAL	LENGTH, IN	WIDTH, IN	TOTAL WT, LB		
10	1	W3T147633	SAS AIDA 96SQX14FT SF 1525-1955GPM 4980SCFM				3623		
20	1	W3T237238	BLOWER ID-244H 230V 3P 0.75HP				119.6		
30	44	W2T77396	BOLT, 0.25IN DIA, 1 IN LG SS	STN STL, 18-8			0.9		
40	36	W2T296743	WASHER, 0.25 IN; BONDED	STN STL, 18-8			0.1		
50	2	W3T63083	HOOD AIDA INTAKE BOLTED 12 IN X 48 IN				27.6		
60	2	W2T84329	ADHSV/SEALANT;SEALANT;LIQUID;10.03 OZ	SILICONE			4.0		

APPROX. OPERATING WEIGHT: 10,073 LB

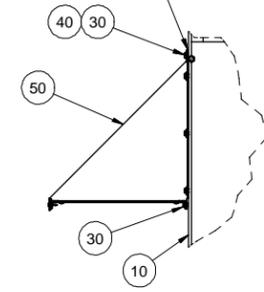


PLAN

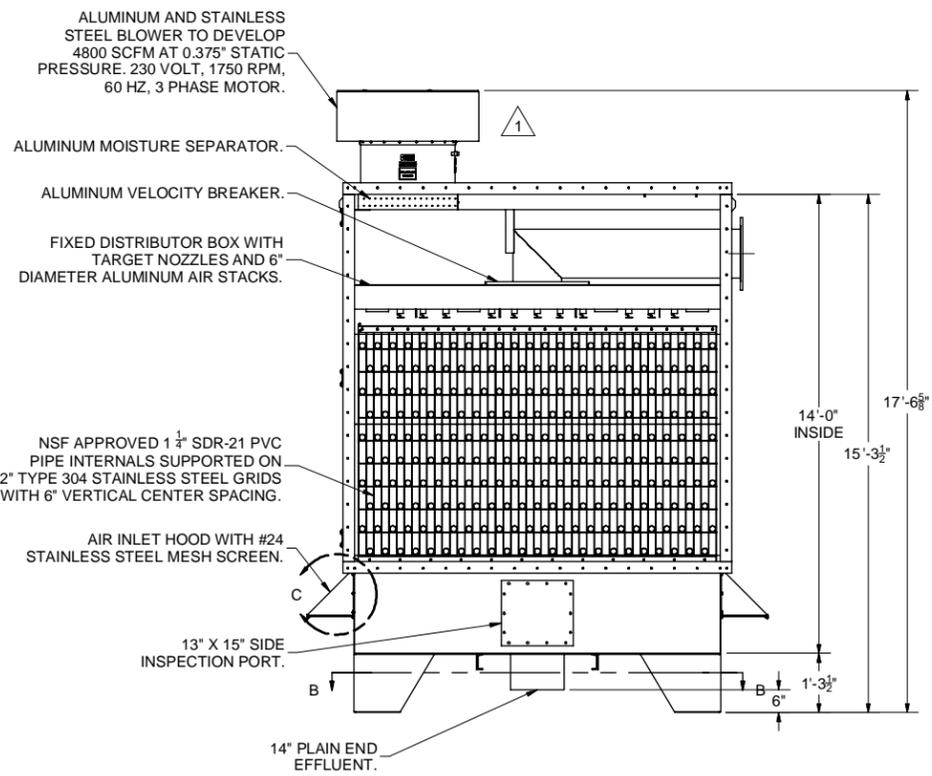


SECTION B-B

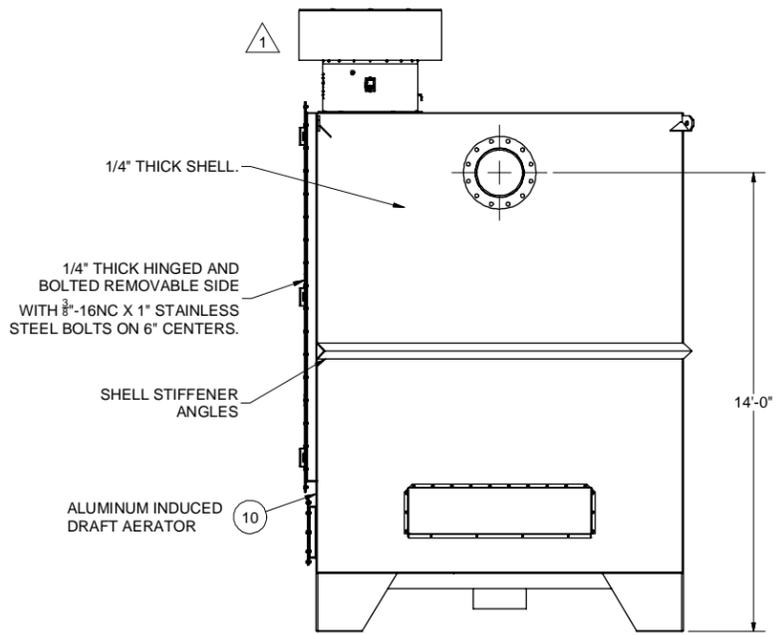
APPLY SILICONE SEALANT (POS 60) TO INTAKE HOOD SURFACES IN CONTACT WITH AERATOR PRIOR TO ATTACHING HOOD.



DETAIL C
SCALE: 1 1/2" = 1'-0"



SECTION A-A



SIDE ELEVATION

- ADDITIONAL NOTES:**
- 1.) AERATOR IS SHIPPED FULLY ASSEMBLED EXCEPT FOR SOME AIR HANDLING EQUIPMENT. REFER TO BILL OF MATERIAL FOR IDENTIFICATION OF FIELD ASSEMBLED ITEMS.
 - 2.) ALL AERATOR PLATE IS TO BE 3003 ALUMINUM. STRUCTURALS TO BE 6061 ALUMINUM.
 - 3.) THE AERATOR SHALL BE WELDED INSIDE AND OUTSIDE WITH FILLET WELDS EQUAL TO THE THICKNESS OF THE PLATES. ALL MAIN HOUSING SEAM WELDS SHALL BE DYE PENETRANT CHECKED AT THE FACTORY BEFORE SHIPMENT TO ENSURE THEY ARE WATERTIGHT.
 - 4.) THE MAXIMUM ANCHOR BOLT DIAMETER IS 7/8". THE MINIMUM WASHER DIAMETER IS 2" FOR ALL ANCHOR SIZES. ANCHORAGE IS BY OTHERS.
 - 5.) FLANGE BOLT HOLE PATTERN IS TO STRADDLE UNIT CENTERLINE.
 - 6.) AERATOR INLET AND EFFLUENT PIPE STUBS ARE NOT DESIGNED TO SUPPORT INLET AND EFFLUENT PIPING. ADDITIONAL PIPE SUPPORTS SHOULD BE USED BUT WILL BE SUPPLIED BY OTHERS.
 - 7.) INFLUENT AND EFFLUENT PIPE MOUNTING HARDWARE AND GASKETS ARE PROVIDED BY OTHERS.
 - 8.) IF INSTALLATION INSTRUCTIONS ARE NOT CLEARLY UNDERSTOOD, CONSULT WESTECH ENGINEERING FOR ADDITIONAL INFORMATION BEFORE COMMENCING ERECTION.
 - 9.) IMPROPER STORAGE, HANDLING, INSTALLATION, OR FIELD MODIFICATIONS OF EQUIPMENT MAY RESULT IN DAMAGE AND LOSS OF WARRANTY PROTECTION.
 - 10.) THE BLOWER MOTOR MUST BE WIRED CORRECTLY TO THE VOLTAGE LISTED ON THE UNIT.
 - 11.) REMOVE THE DRAIN PLUG ON THE BLOWER CONDENSATION DRAIN BEFORE START UP.

<p>COMPANY CONFIDENTIAL</p> <p>THIS DRAWING IS PROPERTY OF WESTECH ENGINEERING, INC. AND IS TRANSMITTED IN CONFIDENCE. NEITHER RECEIPT NOR POSSESSION CONFERS OR TRANSFERS ANY RIGHTS TO REPRODUCE, USE, OR DISCLOSE, IN WHOLE OR IN PART, DATA CONTAINED HEREIN FOR ANY PURPOSE, WITHOUT THE WRITTEN PERMISSION OF WESTECH ENGINEERING, INC.</p>						<p>DESIGNER MAM</p> <p>CHECKER JHS</p> <p>ENGINEER SCJ</p> <p>MANAGER</p>	<p>DATE 9/1/2010</p> <p>DATE 11/17/2010</p> <p>DATE 9/28/2010</p> <p>DATE</p>	<p>TITLE MECHANICAL AERATION INDUCED DRAFT AERATOR 96IN SQ X 168IN HIGH, 6IN SF, 1525-1955GPM, 4980SCFM MAX</p> <p>CLIENT</p>			
<p>1 UPDATED TO REFLECT 3I BLOWER IMPROVEMENTS 5/3/2012 CB SCJ 1142</p> <p>0 RELEASE FOR FABRICATION 9/20/2010 MAM JHS SCJ</p>						<p>Westech MICROFLOC/General Filter Products Ames, IA 515-268-8400</p>					
<p>STD: BORDER-1101-22X34D</p>		<p>INTL REF:</p>		<p>BAR = 1" AT PLOT SCALE</p>		<p>SCALE: 1/2" = 1'-0"</p>	<p>PROJECT 900171</p>	<p>CODE W3T147686</p>	<p>DRAWING 9001714002</p>	<p>SHEET 1 OF 1</p>	<p>REV 1</p>

BILL NO. _____

ORDINANCE NO. _____

A BILL TO CREATE AN ORDINANCE ENTITLED:

“AN ORDINANCE AUTHORIZING THE MAYOR AND CITY CLERK OF CENTRALIA, MISSOURI TO ENTER INTO A CONTRACT WITH THOMAS W. AND R. EILEEN PATTON AND THE CORNERSTONE BAPTIST CHURCH TO CONSTRUCT A SANITARY SEWER EXTENSION FOR PUBLIC DEDICATION TO THE CITY OF CENTRALIA, MISSOURI.”

BE IT ORDAINED BY THE BOARD OF ALDERMEN OF THE CITY OF CENTRALIA, MISSOURI, as follows:

SECTION 1. The Mayor and City Clerk of the City of Centralia, Missouri are hereby authorized and directed to execute a contract with Thomas W. and R. Eileen Patton and the Cornerstone Baptist Church to construct a sanitary sewer extension for public dedication to the City of Centralia, Missouri.

SECTION 2. The terms and conditions shall be as described in the attached document.

SECTION 3. This ordinance shall take effect and be in full force and effect from and after the date of its passage and approval.

PASSED this 5th day of October, 2015.

Mayor

ATTEST:

City Clerk

This ordinance approved by the Mayor this 5th day of October, 2015.

Mayor

ATTEST:

City Clerk

SEWER EXTENSION AND CONSTRUCTION AGREEMENT

This Agreement made and entered into between and among CORNERSTONE BAPTIST CHURCH CENTRALIA, a Missouri not-for-profit corporation, hereinafter referred to as "Cornerstone," THOMAS W. PATTON and R. EILEEN PATTON, hereinafter referred to as "Patton," and the CITY OF CENTRALIA, MISSOURI, a municipal corporation, organized and existing under the laws of the State of Missouri with governmental offices at 114 South Rollins Street, Centralia, Boone County, Missouri, hereinafter referred to as "City".

RECITALS AND AGREEMENT

A. Cornerstone owns the following described real property located on the north side of the City of Centralia, Missouri, and recently annexed into the City of Centralia, described as follows:

A tract of land containing 1.84 acres, more or less, located in the Southwest Quarter (SW 1/4) of the Northwest Quarter (NW 1/4) of Section Ten (10), Township Fifty-one (51) North, Range Eleven (11) West, of the Fifth (5th) Principal Meridian, in the City of Centralia, Boone County, Missouri, including Lot One (1) of North Star Subdivision as shown by the plat recorded in Plat Book 14, Page 77, Records of Boone County, Missouri, said tract of land being shown and described by the survey thereof recorded September 11, 2014 as Instrument No. 2014017612 in Book 4350, Page 78, Records of Boone County, Missouri.

Subject to easements, restrictions, reservations, and covenants of record, if any.

B. Patton owns the following described real property located on the north side of the City of Centralia, Missouri, described as follows:

THE EAST HALF OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 10, TOWNSHIP 51 NORTH, RANGE 11 WEST, BOONE COUNTY, MISSOURI, AND ALSO THE NORTH HALF OF THE NORTHEAST QUARTER OF THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 10, TOWNSHIP 51 NORTH, RANGE 11 WEST, BOONE COUNTY, MISSOURI, EXCEPT THE EAST 15 FEET THEREOF FOR ROAD PURPOSES.

EXCEPTING THEREFROM THAT PART CONVEYED TO KENNETH D. INGEBRITSON AND DEBRA E. INGEBRITSON, HUSBAND AND WIFE, BY WARRANTY DEED DATED DECEMBER 30, 1980 AND RECORDED IN BOOK 481, PAGE 357, RECORDS OF BOONE COUNTY, MISSOURI.

AND ALSO EXCEPTING THEREFROM THAT PART CONVEYED TO WILLIAM A. MCDOWELL AND DEBRA E. MCDOWELL, HUSBAND AND WIFE, BY WARRANTY DEED DATED APRIL 7, 1995 AND RECORDED IN BOOK 1144, PAGE 929, RECORDS OF BOONE COUNTY, MISSOURI.

AND ALSO EXCEPTING THEREFROM THAT PART CONVEYED TO GREGORY D. INGBRITSON AND DAPHNE L. INGBRITSON, HUSBAND AND WIFE, BY WARRANTY DEED DATED MARCH 28, 1997 AND RECORDED IN BOOK 1313, PAGE 515, RECORDS OF BOONE COUNTY, MISSOURI.

SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD.

C. City is the owner of and owns a water and sewer system that is adjacent to and located in the middle of the road known as Hickman Street in Centralia, Boone County, Missouri, and which north ending point is the sewer line connected to the northernmost manhole, (Manhole #C-02-150), on Hickman Street in Centralia, Boone County, Missouri.

D. Cornerstone has recently had their property annexed into the City.

E. Cornerstone and Patton desire to connect to the sanitary sewer collection system of the City.

F. That the City has agreed to allow Cornerstone and Patton to connect to the City sewer system.

G. The City is consenting to allow Cornerstone and Patton to extend the main eight-inch (8") sewer line in the right-of-way and approximately six (6) feet west of Hickman Street to a point located on the Patton property, all as more fully shown by an approximate drawing of the same marked "Exhibit A, Revised 9/25/15".

H. That Cornerstone and Patton have agreed that Cornerstone will contract with Donaldson Excavating, LLC pursuant to a bid attached hereto and marked "Exhibit B". That attached hereto and incorporated herein by reference is "Exhibit C" indicating the materials and specifications used for the existing main sewer line from a point south of the Hickman Street/Fairground Street intersection to the intersection of Hickman Street and Fairground Street. That Donaldson Excavating, LLC agrees that the materials and specifications to be used in carrying out the contract shown as Exhibit B will be consistent with the materials shown on Exhibit C together with any other required standard materials used in the City of Centralia, Missouri, main sewer installation requirements. That attached hereto and incorporated herein by reference is "Exhibit D" reflecting the two manholes between which the Exhibit C specifications apply.

I. That upon completion of the extension of the main eight-inch (8") sewer line and installation of two (2) manholes together with three (3) service connections as shown on Exhibit A, the City agrees to allow Cornerstone and Patton to connect to the main sewer line as extended at such time as Cornerstone and/or the Pattons agree to connect to the City sewer line.

J. That the City of Centralia, Missouri, has a policy that allows the extension of sewer mains by owners who are responsible for extending the sewer main, completing the construction of the same and paying the entire cost of same, and maintaining the same for a period of one (1) year after final finished construction of the sewer main.

K. That following one (1) year from completion, the City agrees to accept the extended sewer main and to henceforth provide all maintenance and repair for said sewer main from the existing main manhole at the intersection of Fairground and Hickman Street in Centralia, Missouri.

L. That Cornerstone and Patton agree that the work will be commenced as soon as possible after the completion of a survey locating the sewer main extension by Mark Robertson Surveying, which said survey shall be provided to Cornerstone, the Pattons and the City.

M. That the estimated cost of the Mark Robertson Survey is One Thousand Two Hundred Dollars (\$1,200.00).

N. That the estimated cost as shown by Exhibit B for the extension of the main sewer extension is Fifteen Thousand Two Hundred Twenty Dollars and 00/100 (\$15,220.00).

O. That of the total estimated cost of Sixteen Thousand Four Hundred Twenty Dollars and 00/100 (\$16,420.00), Cornerstone shall pay Five Thousand Dollars (\$5,000.00) of said expense, and the Pattons will pay Eleven Thousand Four Hundred Twenty Dollars and 00/100 (\$11,420.00).

P. In the event there are any unexpected additional costs as provided on page 2 of Exhibit B, the same shall be added to and paid by the Pattons as part of their share of the overall costs.

Q. That Cornerstone and Patton agree that Cornerstone has been represented in this matter by Elton W. Fay, Grimes, Fay & Kopp, LLC, Attorneys at Law, and that the Pattons have had an opportunity to have this Agreement reviewed by their own attorney.

R. That the Pattons shall reimburse Cornerstone for one-half (1/2) of the costs pertaining to the preparation and final execution of this Agreement.

- S. That the City has reviewed and hereby acknowledges and consents:
1. To the main sewer extension; and
 2. The connection to the sewer system by Cornerstone and the Pattons; and
 3. Waives any objections to the survey by Mark Robertson; and
 4. Approves the specifications for the installation as provided herein; and
 5. City shall have the right to inspect the installation of the main sewer extension during the construction thereof as the City may desire and any objections to the installation shall be promptly communicated to Donaldson Excavating, LLC.

T. That the City agrees that the bid as shown on Exhibit B meets or exceeds the City installation requirements for main sewer lines.

U. That the City approves the Exhibit B estimate and further approves that the Donaldson Excavating, LLC is acceptable to the City for installing the extension of the main sewer line at the cost and expense of Cornerstone and the Pattons.

V. That any sewer connection charge by Cornerstone or the Pattons shall be waived by the City with the understanding that Cornerstone and the Pattons will be responsible for connecting to the main sewer line as extended and to pay for and maintain the connection between the new main sewer line extension and their individual property.

W. That the service connection(s) to the main sewer line by Cornerstone and the Pattons shall be with six-inch (6") connecting lines as shown on Exhibit A as revised .

X. Cornerstone and Patton shall pay the charges as may be required by the City for the actual use of the sewer facilities by their individual properties at such time as the sewers are actually used by Cornerstone and/or the Pattons. Cornerstone and/or the Pattons may connect to the extended main sewer line in accordance with the provisions of the City of Centralia, Missouri, ordinances as currently developed. The cost of such connection is to be at the expense of the property owners, Cornerstone and/or Pattons, and at no expense to the City.

Y. City shall have no ownership of nor be responsible for the maintenance of such extended main sewer line for a period of one (1) year from the date of completion of the construction and shall have no liability attached thereto as a result of any malfunction of such system. However, one (1) year from the date of completion, the City shall assume ownership of and be responsible for all repair, maintenance or replacement of such main sewer line as extended, and thereafter, no liability shall attach to Cornerstone or Pattons as a result of any malfunction of such system.

Z. Any cost of maintenance, repair, or replacement during the one (1) year period from the completion of the extension to the assumption of the line by the City shall be at the equal cost of Cornerstone and the Pattons from the existing manhole sewer at Fairground and Hickman to the point of the sewer connection tap to the Cornerstone property. That any maintenance, repair, or replacement from the Cornerstone sewer connection point to the north end of the main sewer extension during the first year after completion of the construction shall be at the sole expense on the Pattons.

AA. That any further extension of the sewer main beyond what is provided herein shall be at the expense of the property owner benefited as provided for in existing City of Centralia, Missouri, policy and no additional burden for sewer main extensions will be required of Cornerstone for the property described in Section A of this agreement.

BB. This Agreement shall be governed by, construed, and enforced in accordance with the laws of the State of Missouri.

CC. This Agreement constitutes the entire agreement between the parties, and any prior understanding or representation of any kind preceding the date of this Agreement shall not be binding on either party except to the extent incorporated in this Agreement.

DD. Any modification of this agreement or additional obligation assumed by any party hereto in connection with this Agreement shall be binding only if evidenced in writing, signed by each party or an authorized representative of each party.

EE. The failure of any party to this Agreement to insist on the performance of any of the terms and conditions of this Agreement, or the waiver of any breach of any of the terms and conditions of this Agreement, shall not be construed as waiving any such terms and conditions, but the same shall continue and remain in full force and effect as if no such forbearance or waiver had occurred.

FF. The invalidity of any portion of this Agreement will not and shall not be deemed to affect the validity of any other provisions if any provision of this Agreement is held to be invalid, the parties agree that the remaining provisions shall be deemed to be in full force and effect as if they had been executed by each party subsequent to the expungement of the invalid provision.

GG. If any action is filed in relation to this Agreement, the unsuccessful party in the action shall pay to the successful party or parties, in addition to all sums that either party may be called on to pay, a reasonable sum for the attorney fees of the successful party.

HH. Any notice provided for or concerning this Agreement shall be in writing and shall be deemed sufficiently given when sent by certified or registered mail if sent to the respective address of each party as set forth in the signature portion of this Agreement.

II. No party to this Agreement shall be liable to the other for any loss, costs, or damage, arising out of, or resulting from, any failure to perform in accordance with the terms of this Agreement or such failure shall be beyond the reasonable control of such party, which, as employed in this Agreement, shall be deemed to mean, but not be limited to, acts of God, strikes, lockouts, or other industrial disturbances, wars, whether declared or undeclared, blockades, insurrections, riots, governmental actions, explosions, fire, floods, earthquake, or any other cause not within the reasonable control of any of the parties hereto.

JJ. Each party to this Agreement has caused to be executed the Agreement set forth herein which shall be valid upon the last signature to be attached with the date beside each signature to be representative of the date signed.

Date: _____

CORNERSTONE BAPTIST CHURCH CENTRALIA

By: _____

President/Board Chairman

ATTEST:

(No Seal)

Secretary

Date: _____

THOMAS W. PATTON

Date: _____

R. EILEEN PATTON

I, _____, an authorized representative of Donaldson Excavating, LLC, hereby state that I have read the above and foregoing Sewer Agreement and that the terms set forth therein shall be complied with and the construction completed in accordance with the Agreement by the undersigned Donaldson Excavating, LLC.

Date: _____

DONALDSON EXCAVATING, LLC

By: _____
Authorized Manager or Member

Date: _____

CITY OF CENTRALIA, MISSOURI

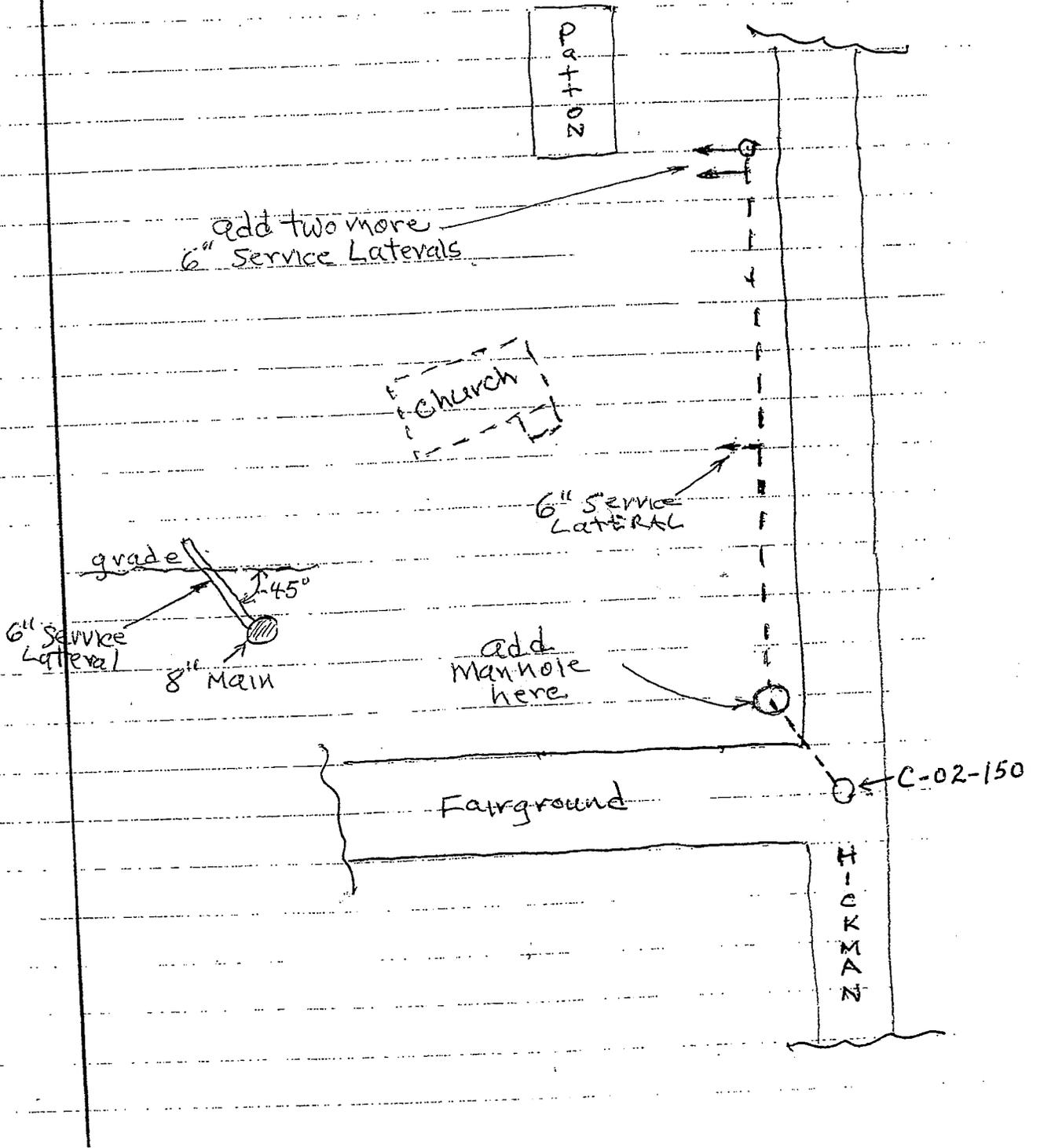
By: _____
Authorized Representative of the City of Centralia, Missouri

ATTEST:

Clerk, City of Centralia, Missouri

NORTH
↑

Exhibit A.
(Revised)
9/25/15



PROPOSAL

**Donaldson Excavating, LLC
25498 Audrain Road 808
Mexico, MO 65265
Phone: 573-581-2414
Fax: 573-581-2861**

Date: 9-29-2015

PROPOSAL SUBMITTED TO:

NAME AND ADDRESS:

Ron Beard

WORK TO BE PERFORMED:

Sanitary sewer extension for new church

We hereby propose to furnish the materials and perform the labor necessary for the completion

1. 440' – 8" Pipe	\$ 1,188.00
2. 3 – Service Laterals	\$ 750.00
3. Saw asphalt street and patch with concrete	\$ 450.00
4. 170 Ton 1" clean rock	\$ 2,890.00
5. 2 – Manholes	\$ 3,300.00
6. Coring and Cutting to cut hole in existing manhole in street	\$ 500.00

Donaldson Excavating Proposal

7. Installation of all material		\$ 4,925.00
8. Utility Crossings		\$ 750.00
9.	Tax on material	\$ 467.00
10.	TOTAL	\$ 15,220.00
11.		
12.		

All material is guaranteed to be as specified, and the above work to be performed in accordance with the drawings and specifications for above work, and completed in a substantial workmanlike manner.

ANY ALTERATIONS OR DEVIATIONS FROM ABOVE SPECIFICATIONS INVOLVING EXTRA COSTS WILL BE EXECUTED ONLY UPON WRITTEN ORDER, AND WILL BECOME AN EXTRA CHARGE OVER AND ABOVE THE PROPOSAL. ALL AGREEMENTS CONTINGENT UPON STRIKES, ACCIDENTS OR DELAYS BEYOND OUR CONTROL.

Respectfully Submitted: Darren Donaldson

ACCEPTANCE OF PROPOSAL

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified.

Date: _____ Signature _____

Exhibit C

Upstream Manhole: C-02-150

Rim Elevation: 877.08 Ft

Integrity™ Sewer Analyst

Downstream Manhole: C-02-145

Rim Elevation: 877.18 Ft

Sewer Report

Material: Precast

Depth: 10.40 Ft

Slope (%): 0.20

Line Length: 288.50 Ft

Line Size: 10"

Material: Precast

Depth: 11.41 Ft

Pipe Material: PVC
Schedule 40

Pipe Invert Elevation: 866.68 Ft

Pipe Invert Elevation: 865.98 Ft

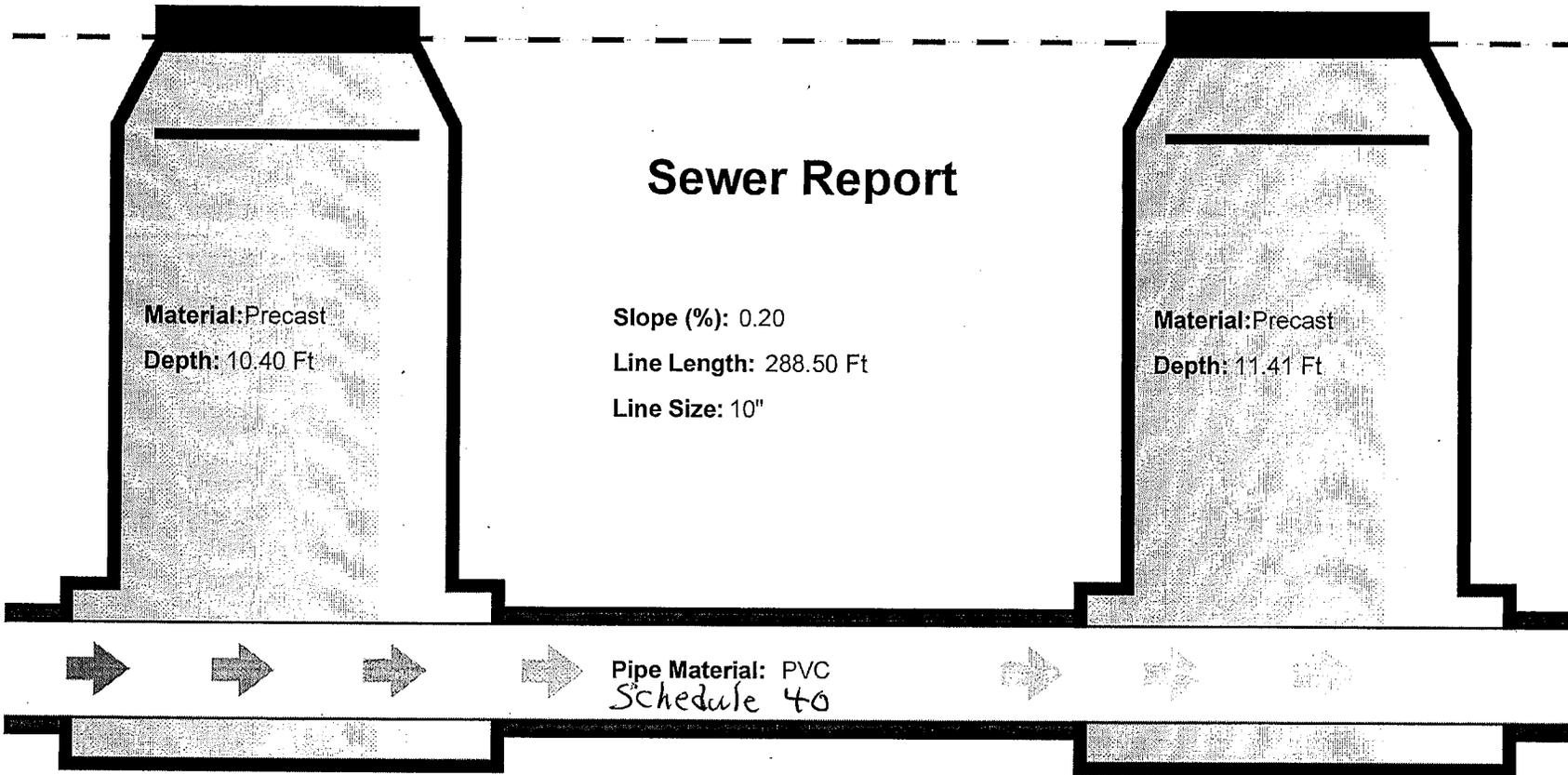
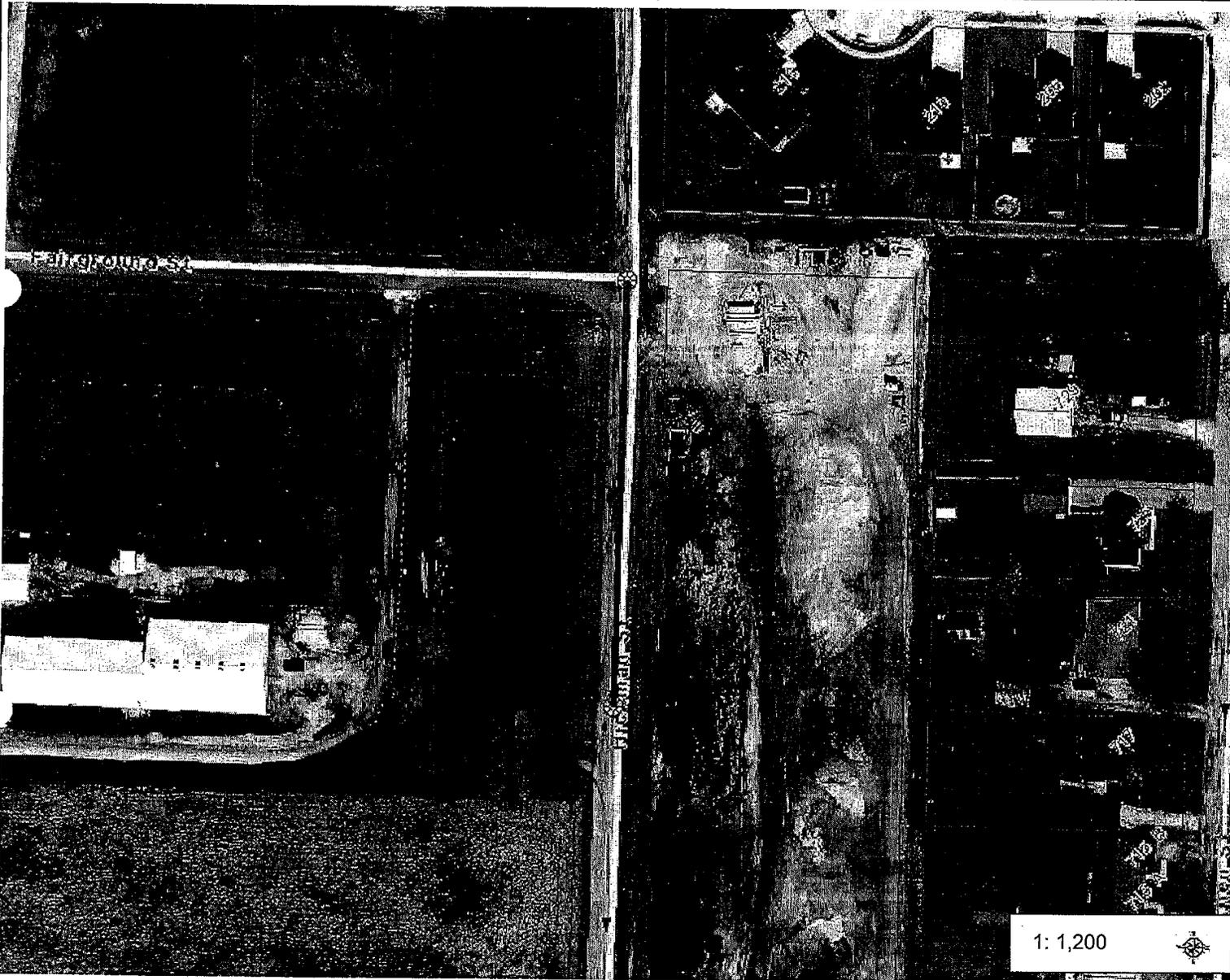


Exhibit D.

Centralia, MO



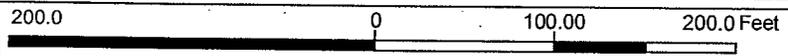
Legend

- Manhole
 - Other
 - Manhole
 - Flush Tank
 - Lamp Hole
- Lift Station
- Gravity Main
- Force Main
- Lagoon
- Lot
- Row
- Section
- Space
 - Occupied
 - Vacant
- Police Incident
- Fire Incident
- EMS Incident
- Address Point
- Road
 - alley; ramp; regular
 - business; interstate; square; state; private
 - trail
- Driveways
- City Limit

Notes

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

THIS MAP IS NOT TO BE USED FOR NAVIGATION



1: 1,200

BILL NO. _____

ORDINANCE NO. _____

A BILL TO CREATE AN ORDINANCE ENTITLED:

“AN ORDINANCE AUTHORIZING THE MAYOR OF CENTRALIA, MISSOURI TO ENTER INTO AN AGREEMENT WITH GONZALES COMPANIES, LLC. FOR ENGINEERING SERVICES FOR THE WATER TREATMENT PLANT AND WATER DISTRIBUTION SYSTEM OF THE CITY OF CENTRALIA, MISSOURI.”

BE IT ORDAINED BY THE BOARD OF ALDERMEN OF THE CITY OF CENTRALIA, MISSOURI, as follows:

SECTION 1. The Mayor of the City of Centralia, Missouri is hereby authorized to enter into an Agreement with Gonzales Companies, LLC. for engineering services for the water treatment plant and water distribution system of the City of Centralia, Missouri.

SECTION 2. The terms and conditions shall be as described in the attached document.

SECTION 3. This ordinance shall take effect and be in full force and effect from and after the date of its passage and approval.

PASSED this 5th day of October, 2015.

Mayor

ATTEST:

City Clerk

This ordinance approved by the Mayor this 5th day of October, 2015.

Mayor

ATTEST:

City Clerk



Gonzalez Companies, LLC

Construction Management – Engineering

1750 S Brentwood Boulevard, Ste. 700

St. Louis, MO 63144

314-961-1888 Fax: 314-961-1814

www.gonzalezcos.com

AGREEMENT FOR PROFESSIONAL SERVICES

TO CITY OF CENTRALIA, MO DATE October 1, 2015
C/O MR. MATT HARLINE, CITY ADMINISTRATOR
114 S. ROLLINS STREET
CENTRALIA, MO 652401

PROJECT General Engineering Services
PROJECT NO. 15-250

DEPARTMENT Design Engineering

SECTION 1 DEFINITIONS AND PARTIES

This is an AGREEMENT between GONZALEZ COMPANIES, LLC, hereinafter referred to as the ENGINEER, and CITY OF CENTRALIA hereinafter referred to as the CLIENT.

SECTION 2 SCOPE OF SERVICES

Specific scopes of services will be defined by the CLIENT by Task Order on a time and material basis with a not to exceed limit per Task Order.

SECTION 3 TIME FOR PERFORMANCE

The CLIENT and the ENGINEER will define a mutually agreeable time of performance for each individual task order.

SECTION 4 COMPENSATION

CLIENT will be billed on an hourly rate basis for labor using the rates within SECTION 5 PROFESSIONAL SERVICE RATES. The ENGINEER may submit invoices as frequently as monthly.

The ENGINEER will use the address listed below for receiving payments from the CLIENT.

GONZALEZ COMPANIES, LLC
ATTN: ACCOUNTING
1750 S. BRENTWOOD BLVD, SUITE 700
ST. LOUIS, MO 63144-1339

The CLIENT will use the address listed below for receiving invoices from the ENGINEER.

CITY OF CENTRALIA
C/O MR. MATT HARLINE, CITY ADMINISTRATOR
114 S. ROLLINS STREET
CENTRALIA CITY, MO 652401

SECTION 5 PROFESSIONAL SERVICE RATES

2015 PROFESSIONAL SERVICE RATES

HUMAN RESOURCE

Project Manager/Engineer I	75 USD per hour	Technician/Admin I	40 USD per hour
Project Manager/Engineer II	95 USD per hour	Technician/Admin II	55 USD per hour
Project Manager/Engineer III	115 USD per hour	Technician/Admin III	70 USD per hour
Project Manager/Engineer IV	135 USD per hour	Technician/Admin IV	85 USD per hour
Project Manager/Engineer V	155 USD per hour	Technician/Admin V	100 USD per hour
Project Manager/Engineer VI	175 USD per hour	Technician/Admin VI	115 USD per hour
Project Manager/Engineer VII	195 USD per hour	Technician/Admin VII	130 USD per hour
Project Manager/Engineer VIII	205 USD per hour	Technician/Admin VIII	145 USD per hour

REIMBURSABLES AND EQUIPMENT

Vehicle	0.65 USD per mile
All Other Direct Costs	105%
All Subconsultant Costs	105%

SECTION 6 TERMS AND CONDITIONS

1. STANDARD OF PERFORMANCE

The standard of care for all professional engineering, consulting and related services performed or furnished by ENGINEER and its employees under this Agreement will be the care and skill ordinarily used by members of ENGINEER's profession practicing under the same or similar circumstances at the same time and in the same locality. ENGINEER makes no warranties, express or implied, under this Agreement or otherwise, in connection with ENGINEER's services.

2. INSURANCE

ENGINEER agrees to procure and maintain, at its expense, Workers' Compensation insurance as required by statute; Employer's Liability of \$250,000; Automobile Liability insurance of \$1,000,000 combined single limit for bodily injury and property damage covering all vehicles, including hired vehicles, owned and non-owned vehicles; Commercial General Liability insurance of \$500,000 per claim for protection against claims arising out of the performance of services under this Agreement caused by negligent acts, errors, or omissions for which ENGINEER is legally liable. ENGINEER agrees to carry \$3,000,000 of general and professional liability insurance for the duration of this contract. Upon request, CLIENT/OWNER shall be made an additional insured on Commercial General and Automobile Liability insurance policies and certificates of insurance will be furnished to the CLIENT/OWNER. ENGINEER agrees to indemnify CLIENT/OWNER for the claims covered by ENGINEER's insurance.

3. OPINIONS OF PROBABLE COST (COST ESTIMATES)

Any opinions of probable project cost or probable construction cost provided by ENGINEER are made on the basis of information available to ENGINEER and on the basis of ENGINEER's experience and qualifications, and represents its judgment as an experienced and qualified professional. However, since ENGINEER has no control over the cost of labor, materials, equipment or services furnished by others, or over the contract(s)' methods of determining prices, or over competitive bidding or market conditions, ENGINEER does not guarantee that proposals, bids or actual project or construction cost will not vary from opinions of probable cost ENGINEER prepares.

4. CONSTRUCTION PROCEDURES

ENGINEER's observation or monitoring portions of the work performed under construction contracts shall not relieve the contractor from its responsibility for performing work in accordance with applicable contract documents. ENGINEER shall not control or have charge of, and shall not be responsible for, construction means, methods, techniques, sequences, procedures of construction, health or safety programs or precautions connected with the work and shall not manage, supervise, control or have charge of construction. ENGINEER shall not be responsible for the acts or omissions of the contractor or other parties on the project. ENGINEER shall be entitled to review all construction contract documents and to require that no provisions extend the duties or liabilities of ENGINEER beyond those set forth in this Agreement. CLIENT/OWNER agrees to include ENGINEER as an indemnified party in CLIENT/OWNER's construction contracts for the work, which shall protect ENGINEER to the same degree as CLIENT/OWNER. Further, CLIENT/OWNER agrees that ENGINEER shall be listed as an additional insured under the construction contractor's liability insurance policies.

5. CONTROLLING LAW

This Agreement is to be governed by the law of the state of Missouri or if agreed in writing with CLIENT/OWNER where ENGINEER'S services are performed.

6. SERVICES AND INFORMATION

CLIENT/OWNER will provide all criteria and information pertaining to CLIENT/OWNER's requirements for the project, including design objectives and constraints, space, capacity and performance requirements, flexibility and expandability, and any budgetary limitations. CLIENT/OWNER will also provide copies of any CLIENT/OWNER-furnished Standard Details, Standard Specifications, or Standard Bidding Documents which are to be incorporated into the project. CLIENT/OWNER will furnish the services of soils/geotechnical engineers or other consultants that include reports and appropriate professional recommendations when such services are deemed necessary by ENGINEER. The CLIENT/OWNER agrees to bear full responsibility for the technical

accuracy and content of CLIENT/OWNER-furnished documents and services.

In performing professional engineering, construction management, and related services hereunder, it is understood by CLIENT/OWNER that ENGINEER is not engaged in rendering any type of legal, insurance or accounting services, opinions or advice. Further, it is the CLIENT/OWNER's sole responsibility to obtain the advice of an attorney, insurance counselor or accountant to protect the CLIENT/OWNER's legal and financial interests. To that end, the CLIENT/OWNER agrees that CLIENT/OWNER or the CLIENT/OWNER's representative will examine all studies, reports, sketches, drawings, specifications, proposals and other documents, opinions or advice prepared or provided by ENGINEER, and will obtain the advice of an attorney, insurance counselor or other consultant as the CLIENT/OWNER deems necessary to protect the CLIENT/OWNER's interests before CLIENT/OWNER takes action or forebears to take action based upon or relying upon the services provided by ENGINEER.

7. SUCCESSORS AND ASSIGNS

CLIENT/OWNER and ENGINEER, respectively, bind themselves, their partners, successors, assigns, and legal representatives to the covenants of this Agreement. Neither CLIENT/OWNER nor ENGINEER will assign, sublet, or transfer and interest in this Agreement or claims arising therefrom without the written consent of the other.

8. RE-USE OF DOCUMENTS

All documents, including all reports, drawings, specifications, computer software or other items prepared or furnished by ENGINEER pursuant to this Agreement, are instruments of service with respect to the project. CLIENT/OWNER may retain copies of the documents for its information and reference in connection with the project; however, none of the documents are intended or represented to be suitable for reuse by CLIENT/OWNER or others on extensions of the project or on any other project. Any reuse without written verification or adaptation by ENGINEER for the specific purpose intended will be at CLIENT/OWNER's sole risk and without liability or legal exposure to ENGINEER, and CLIENT/OWNER will define, indemnify and hold harmless ENGINEER from all claims, damages, losses and expenses, including attorney's fees, arising or resulting therefrom. Any such verification or adaptation will entitle ENGINEER to further compensation at rates to be agreed upon by CLIENT/OWNER and ENGINEER.

9. TERMINATION OF AGREEMENT

CLIENT/OWNER or ENGINEER may terminate the Agreement, in whole or in part, by giving no less than ten (10) business days written notice, if the other party substantially fails to fulfill its obligations under the Agreement through no fault of the terminating party. Where the method of payment is "lump sum," time & material, or cost reimbursement, the final invoice will include all services and expenses associated with the project up to the effective date of termination plus a fifteen percent fee mark-up for the final invoice amount. An equitable adjustment shall also be made to provide for termination settlement costs ENGINEER incurs as a result of commitments that had become agreed upon before termination, and for a reasonable profit for services performed.

10. SEVERABILITY

If any provision of this agreement is held invalid or unenforceable, the remaining provisions shall be valid and binding upon the parties. One or more waivers by either party of any provision, term or condition shall not be construed by the other party as a waiver of any subsequent breach of the same provision, term or condition.

11. INVOICES

ENGINEER will submit invoices for services rendered and CLIENT/OWNER will make prompt payments in response to ENGINEER's invoices. ENGINEER will retain receipts for reimbursable expenses in general accordance with rules pertaining to the support of expenditures for income tax purposes. Receipts will be available for inspection by CLIENT/OWNER's auditors upon request.

If CLIENT/OWNER disputes any items in ENGINEER's invoice for any reason, including the lack of supporting documentation,

CLIENT/OWNER may temporarily delete the disputed item and pay the remaining amount of the invoice, so as not to hold payment. CLIENT/OWNER will promptly notify ENGINEER of the dispute and request clarification and/or correction. After any dispute has been settled, ENGINEER will include the disputed item on a subsequent, regularly scheduled invoice, or on a special invoice for the disputed item only.

In the event undisputed portions of ENGINEER's invoices are not paid within 60 days of invoice date, ENGINEER reserves the right after seven (7) business days prior written notice to suspend the performance of services until past due amount is paid in full.

12. CHANGES

The parties agree that no change or modification to the Agreement, or Task Order, or any attachments hereto, shall have any force or effect unless the change is reduced to writing, dated, and made part of the Task Order. The execution of the change shall be authorized and signed in the same manner as this Agreement. Adjustments in the period of services and in compensation shall be in accordance with applicable paragraphs and sections of the Task Order. Any proposed fees by ENGINEER are estimates to perform the services required to complete the project as ENGINEER understands it to be defined. For those projects involving conceptual or process development services, activities often are not fully definable in the time of performance and compensation scope and adjustments to the time of performance and compensation can be made as required. If such change, additional services, or suspension of services results in an increase or decrease in the cost of or time required for performance of the services, and equitable adjustment shall be made, and the Task Order modified accordingly.

13. CONTROLLING AGREEMENT

These Terms and Conditions shall take precedence over any inconsistent or contradictory provisions contained in any proposal, contract, purchase order, requisition, notice-to-proceed, or like document or Task Order.

14. EQUAL EMPLOYMENT AND NONDISCRIMINATION

In connection with the services under the Agreement, ENGINEER agrees to comply with the applicable provisions of federal and state Equal Employment Opportunity, and other employment, statutes and regulations.

15. HAZARDOUS MATERIALS

CLIENT/OWNER represents to ENGINEER that, to the best of its knowledge, no hazardous materials are present at the project site. However, in the event hazardous materials are known to be present, CLIENT/OWNER represents that to the best of its knowledge it has disclosed to ENGINEER the existence of all such hazardous materials, including but not limited to asbestos, PCB's, petroleum, hazardous waste, or radioactive material located at or near the project site, including type, quantity and location of such hazardous materials. It is acknowledged by both parties that ENGINEER's scope of services do not include services related in any way to encounters undisclosed hazardous materials. ENGINEER shall have the obligation to notify CLIENT/OWNER and, to the extent required by law or regulation, the appropriate governmental officials, and ENGINEER may, at its option and without liability for delay, consequential or any other damages to CLIENT/OWNER, suspend performance of services on that portion of the project affected by hazardous materials until CLIENT/OWNER: (i) retains appropriate specialist consultant(s) or contractor(s) to identify and, as appropriate, abate, remediate, or remove the hazardous materials; and (ii) warrants that the project site is in full compliance with all applicable laws and regulations.

CLIENT/OWNER acknowledges that ENGINEER is performing professional services for CLIENT/OWNER and that ENGINEER is not and shall not be required to become an "arranger," "operator," "generator," or "transporter" of hazardous materials, as defined in the

Comprehensive Environmental Response, Compensation, and Liability Act of 1990 (CERCLA), which are or may be encountered at or near the project site in connection with ENGINEER's services under this Task Order. If ENGINEER's services hereunder cannot be performed because of the existence of hazardous materials, ENGINEER shall be entitled to terminate this Task Order for cause on 30 calendar days written notice.

16. EXECUTION

This Agreement and subsequent changes, including the exhibits and schedules made part hereof, constitute the entire agreement between ENGINEER and CLIENT/OWNER, supersedes and controls over all prior written or oral understandings. This agreement may be amended, supplemented or modified only by a written instrument duly executed by the parties.

17. LIMITATION OF LIABILITY

ENGINEER's and its employees' total liability to CLIENT/OWNER for any loss or damage, including but not limited to special and consequential damages arising out of or in connection with the performance of services or any other cause, including ENGINEER's and its employees' professional negligent acts, errors, or omissions, shall not exceed the lesser of \$3M (THREE MILLION DOLLARS and 00/100 USD).

18. LITIGATION SUPPORT

In the event ENGINEER is required to respond to a subpoena, government inquiry or other legal process related to the services in connection with a legal or dispute resolution proceeding to which ENGINEER is not a party, CLIENT/OWNER shall reimburse ENGINEER for reasonable costs in responding and compensate ENGINEER at its then standard rates for reasonable time incurred in gathering information and documents and attending depositions, hearings, and trial.

19. UTILITY LOCATION

If underground sampling/testing is to be performed, a utility locating service shall be contracted to make arrangements for all utilities to determine the location of underground utilities. In addition, CLIENT/OWNER shall notify ENGINEER of the presence and location of any underground utilities located on the CLIENT/OWNER's property which are not the responsibility of other private/public utilities. ENGINEER shall take reasonable precautions to avoid damaging underground utilities that are properly marked.

20. ESCALATION

Annual rate escalation of 6% effective January 1, 2016.

21. PREPAYMENT

22. JOB CANCELLATION FOR CONVENIENCE FEE

23. PROJECT RESTART FEE

24. LATE PENALTY SCHEDULE

25. LIMITATION OF DESIGN ALTERNATIVES

The ENGINEER will limit the number of design alternatives provided under this contract to one, upon which time the design will be considered complete.

26. GRAPHICS CONTROL

Because of its standing as a professional design firm, the ENGINEER has complete control over graphic content and presentation of all studies, reports, and all other documents produced under this agreement.

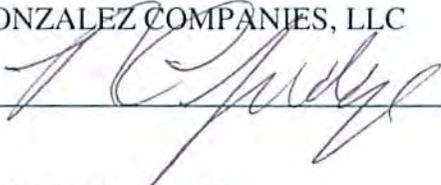
SECTION 7 ACCEPTANCE

The parties hereto agree as set forth in the preceding pages numbered 1 - 5 inclusive. This proposal is valid for thirty (30) calendar days. If this AGREEMENT meets your approval, please sign where noted below and return one (1) copy to our offices. We will treat this as notice to proceed unless instructed otherwise.

This AGREEMENT effective this ____ day of _____, 2015.

GONZALEZ COMPANIES, LLC

CITY OF CENTRALIA, MISSOURI



authorized client representative

R. Patrick Judge, PE

print name

Managing Partner

print title

10/2/15

date

date