

MIAMI COUNTY BOARD OF COUNTY COMMISSIONERS

Laura Epp
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clerk@miamicountyks.gov
201 South Pearl, Suite 102
Paola, KS 66071
Phone 913-294-3976



Members

George Pretz, Chairman
Tyler Vaughan, Chairman Pro-Tem
Paul Scruggs, Commissioner
Keith Diediker, Commissioner
Jene Vickrey, Commissioner

BOARD OF COUNTY COMMISSIONERS AGENDA

June 17, 2026

1:00 PM

CALL TO ORDER AND OPEN CEREMONIES

- PLEDGE OF ALLEGIANCE
- ROLL CALL

CONSENT AGENDA

The CONSENT AGENDA is a single agenda item that can include multiple items previously reviewed and determined to be of a routine business nature. Items that are included as part of the CONSENT AGENDA will be voted upon under a single motion unless a separate discussion on any single item is requested by a Member of the Board of County Commissioners or a member of the public. If a separate discussion on any item is requested, it will be set aside for further consideration as part of the ACTION AGENDA.

1. Approve the Board of County Commission minutes from June 10, 2026.
2. Approve vouchers and payroll.
3. 2026-003-SUB; Schultz-Jones Subdivision - Plat
4. Letter of Support for Spring Hill's application for MARC Planning Sustainable Places funding

PUBLIC COMMENT

The Board of County Commissioners encourages citizen participation in local governance processes. Making every effort to be in compliance with the Kansas Open Meetings Act (KSA 75-4317), you are invited to participate in today's meeting. Speakers are requested to state their full name, address, and group affiliation, if any, before delivering any remarks. Speakers should limit their comments as to not exceed five minutes. Always speak from the podium, using the microphone. If documentation or material is presented to the Board of County Commissioners, please provide them to the Clerk for distribution and filing with the official record of the meeting.

PRESENTATIONS AND AWARDS AND PROCLAMATION

ACTION AGENDA

1. Survey and Design Services Agreement with Kaw Valley Engineering, Inc. for the Culvert 951 Replacement

2. Purchase a Slide-in Spray Unit
3. Fire Hose Testing
4. UPS battery replacement at 800 public safety radio tower locations.
5. MIFD#1 Engine and Brush Units.

APPLICATIONS

REPORTS FROM STAFF, COMMITTEES, OFFICERS

COMMISSION COMMENTS

EXECUTIVE SESSION

ADJOURNMENT

MIAMI COUNTY
STAFF REQUEST FOR COMMISSION ACTION

SUBMITTED BY: Jeff Joseph	REQUESTED MEETING DATE: June 17, 2026
DEPARTMENT: Planning	REQUESTED MEETING: June 17 BOCC Agenda
CONTACT INFORMATION: jjoseph@miamicountyks.gov	PROJECT / REFERENCE NUMBER: 2026-003-SUB

AGENDA SUBJECT:
2026-003-SUB; Schultz-Jones Subdivision - Plat

AGENDA SUBJECT BACKGROUND / DESCRIPTION:

Acceptance of Dedications for the final plat of Schultz-Jones Subdivision. The subject property is located in the Southwest Quarter of Section 6, Township 18, Range 24 Miami County Kansas. Submitted by Chris Jones representing Schultz Family Investment Trust, property owner of record.

REQUESTED ACTION / STAFF RECOMMENDATION:

Accept Dedications and authorize the Chairman to sign the Final Plat of Schultz-Jones Subdivision.

BUDGET INFORMATION:

Jeff Joseph

06/09/2026

APPROVALS:

Jeff Joseph	Created/Initiated - 06/09/2026
Kenneth Cook	Approved - 06/11/2026
Shane Krull	Final Approval - 06/11/2026



MIAMI COUNTY PLANNING DEPARTMENT

FINAL PLAT – SCHULTZ-JONES SUBDIVISION

DATE: June 2, 2026 Planning Commission

TO: Miami County Planning Commission

FROM: Jeff Joseph – Assistant Planning Director

RE: **2026-003-SUB: Schultz-Jones Subdivision**
Consideration of the Final Plat of Schultz-Jones Subdivision. The subject property is located in the Southwest Quarter of Section 6, Township 18, Range 24 Miami County Kansas. Submitted by Chris Jones representing Schultz Family Investment Trust, property owner of record.

Property Owner (s)	Schultz Family Investment Trust
Applicant (s)	Chris Jones
Current Zoning	Agriculture
Comp Plan	Rural Agriculture
Acreage	Approximately 89.22 Acres
Parcel No.	193-06-0-00-00-007.00-0

Background:

July 2011: A Tract Split (Application No. 11004-LS) was approved where Tracts A and B were created containing approximately 43.23 acres identified as Tract A, and the remaining 129.70 acres identified as Tract B.

Proposal:

Final Plat of Shultz-Jones Subdivision, approximately 89.22 acres into two lots, Lot 1 with 43.78 acres and Lot 2 with 43.42 acres. The subject property is located at the Southwest Quarter of Section 6, Township 18, Range 24 Miami County Kansas..

Review Agency Comments:

No access issues.

Discussion:

The subject property and all surrounding property to the East and West is zoned Agriculture, while property to the Southwest is zoned Countryside. Allowed uses in the Agriculture district include mostly single-family residential and agricultural. Lot sizes in the area consists of large agriculture lots.

The recommendations of the County's permanent or professional staff:

Staff is recommending approval of the Final Plat of Shultz-Jones Subdivision, approximately 89.22 acres into two lots, Lot 1 with 43.78 acres and Lot 2 with 43.42 acres with the following findings and conditions.

Findings:

1. The current zoning (Agriculture) allows for a low density two lot subdivision.
2. The subdivision complies with the Miami County, Kansas Zoning Regulations by meeting the standards, spirit, and intent of an Agricultural Subdivision.
3. The subdivision complies with the Miami County, Kansas Subdivision Regulations.

Conditions:

1. Update the Owners Certification to have the trust dated.
2. Update the flood plain layer to show BFA cross sections.
3. Recommended: show Drainage Easements: For areas outside of the special flood hazard area, as shown on the flood insurance rate map, drainage easements shall be required for any water courses, drainage channels or streams depicted on a United States Geological Survey map (solid or dot-dashed blue lines) which traverse those lots platted at less than 20 acres, and is optional for lots platted at 20 acres or more. The width of the drainage easement shall be a minimum of twenty-five (25) feet from either side of the ordinary high-water mark of the water course, drainage channel or stream.

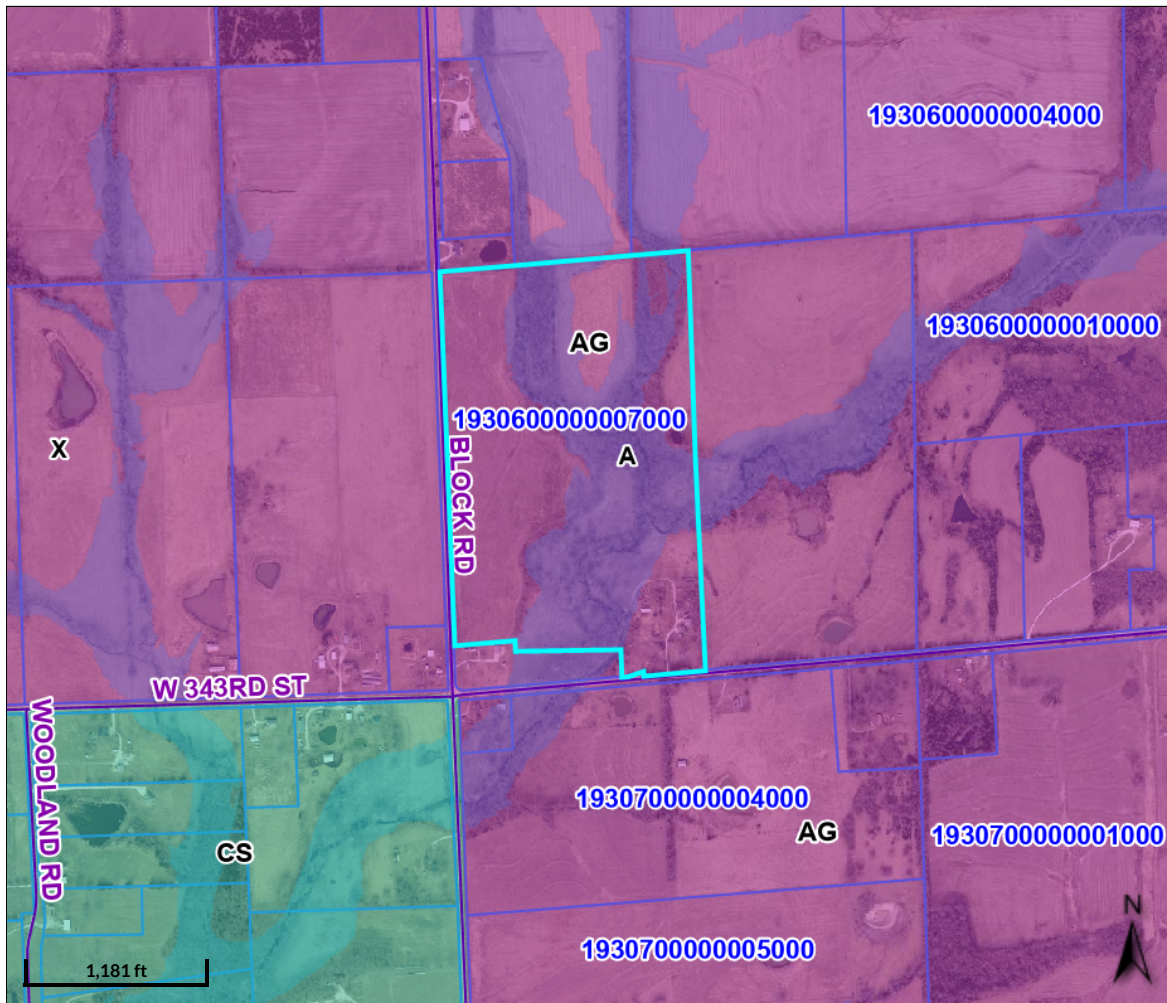
Attachments: Vicinity Map

Final Plat

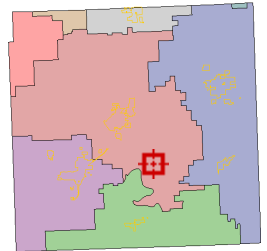
Deed



Miami County, KS



Overview



Legend

- City Limits
- Centerlines
- Parcels
- Lakes
- Flood Zones
 - 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
 - A
 - AE
- Zoning
 - AG
 - BP
 - C-0
 - C-1
 - C-2
 - CITY
 - CS
 - I-1
 - I-2
 - PD
 - PRD
 - R-1
 - R-1A
 - R-3

Parcel ID= 193060000007000
Acres= 88.128881039999996

This property ownership map is for tax purposes only. It is not intended for conveyances, nor is it a legal survey.

Date created: 3/4/2026
Last Data Uploaded: 3/4/2026 12:18:57 PM

Developed by SCHNEIDER
GEOSPATIAL

FINAL PLAT OF
SCHULTZ/JONES

A SUBDIVISION OF PART OF THE SW $\frac{1}{4}$ OF SECTION 6 , TOWNSHIP 18
SOUTH, RANGE 24 EAST, MIAMI COUNTY, KANSAS

Filed for record this ____ day of _____, 2026,
at _____ at book _____, page _____, at the Register
of Deeds office at Paola, Miami County, Kansas.

Slide No. _____

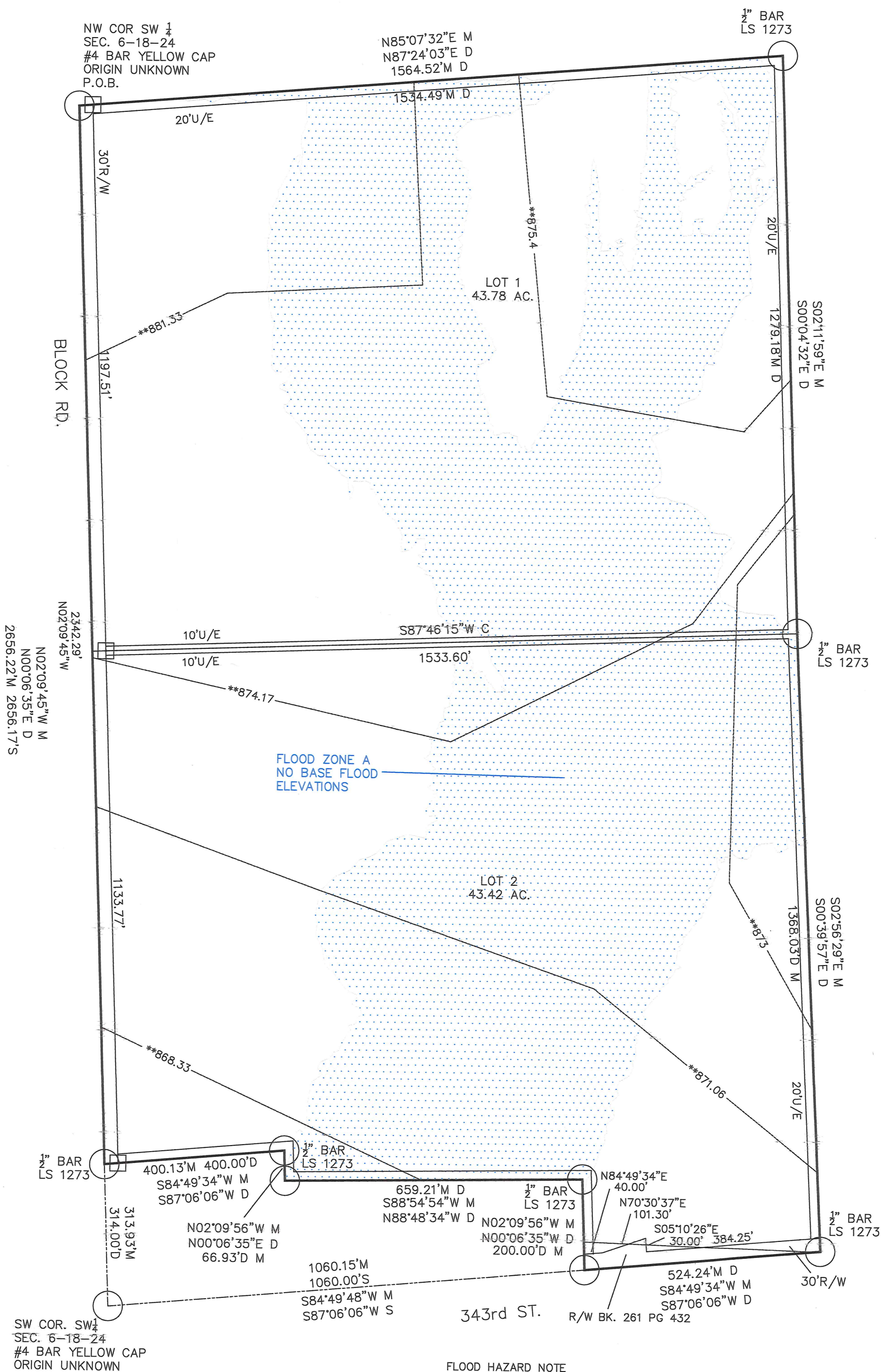
Jamie Hornrighausen
Registrar of Deeds
Miami County, Kansas

STATE OF KANSAS }
COUNTY OF MIAMI } SS:

I DO HEREBY CERTIFY THAT ALL TAXES DUE AND OWED ARE PAID
TO DATE ON LAND INCLUDED IN THIS ADJUSTMENT.

GIVEN UNDER MY HAND AND SEAL AT PAOLA, KANSAS THIS ____ DAY OF
_____, 2026.

TRICIA LEE COUNTY TREASURER



NOTE:
1. THE BEARING SYSTEM IS BASED UPON KANSAS STATE PLANE SOUTH NAD83(2011)

CLOSURE
Course: N 85-07-32 E Distance: 1564.52
Course: S 02-11-59 E Distance: 1279.18
Course: S 02-56-29 E Distance: 1368.03
Course: S 84-49-34 W Distance: 524.24
Course: N 02-09-56 W Distance: 200.00
Course: S 88-54-54 W Distance: 659.21
Course: N 02-09-56 W Distance: 65.93
Course: S 84-49-34 W Distance: 400.13
Course: N 02-09-45 W Distance: 2342.29
Area: 3686.377.75
Error of Closure: 0.007
Precision: 1: 1249473.63

LEGEND
M = MEASURED
D = DEED
B = 1/2" ± 24" BAR CAP 1273
P = PLAT
O = MONUMENT FOUND
C = CALCULATED
P = PROPERTY LINE
S = SURVEY #1697 MI. CO PW.

FLOOD HAZARD NOTE
SPECIAL FLOOD HAZARD AREA SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD IS SHOWN. AREA IS LABELED "ZONE A", NO BASE FLOOD ELEVATIONS HAVE BEEN DETERMINED. INFORMATION IS TAKEN FROM FLOOD INSURANCE RATE MAP NUMBER 2012C01950, DATED JANUARY 16, 2014. ** APPROXIMATE BASE FLOOD ELEVATIONS SHOWN WERE PROVIDED BY MIAMI COUNTY PLANNING AND ZONING, OBTAINED FROM THE KANSAS FLOODPLAIN VIEWER MAP GENERATED BY KANSAS DEPARTMENT OF AGRICULTURE DIVISION OF WATER RESOURCES. GIS DEPARTMENT AS BEST AVAILABLE DATA. NO DETAILED STUDY HAS BEEN PERFORMED ELEVATIONS SHOWN ARE NOT TO BE TAKEN AS ACCURATE.

VICINITY MAP
SEC. 6-18-24
NO SCALE



PROJECT LOCATION

LEGAL DESCRIPTION

A TRACT OF LAND BEING PART OF THE SOUTHWEST QUARTER OF SECTION 6, TOWNSHIP 18 SOUTH OF THE 40TH PARALLEL, RANGE 24 EAST OF THE 6TH PRINCIPAL MERIDIAN, MIAMI COUNTY, KANSAS DESCRIBED BY GREG GRANT LS #1273, APRIL 5, 2026 AS:
BEGINNING AT THE NORTHWEST CORNER OF SAID SOUTHWEST QUARTER; THENCE NORTH 85°07'32" EAST ALONG THE NORTH LINE OF SAID SOUTHWEST QUARTER, A DISTANCE OF 1564.52 FEET; THENCE SOUTH 02°11'59" EAST A DISTANCE OF 1279.18 FEET; THENCE SOUTH 02°56'29" EAST A DISTANCE OF 1368.03 FEET TO A POINT ON THE SOUTH LINE OF SAID SOUTHWEST QUARTER; THENCE SOUTH 84°49'34" WEST ALONG THE SOUTH LINE OF SAID SOUTHWEST QUARTER A DISTANCE OF 524.24 FEET; THENCE NORTH 02°09'56" WEST A DISTANCE OF 200.00 FEET; THENCE SOUTH 88°54'54" A DISTANCE OF 659.21 FEET; THENCE NORTH 02°09'56" WEST A DISTANCE OF 66.93 FEET; THENCE SOUTH 84°49'34" WEST A DISTANCE OF 400.13 FEET TO A POINT ON THE WEST LINE OF SAID SOUTHWEST QUARTER; THENCE NORTH 02°09'45" WEST A DISTANCE OF 2342.29 FEET TO THE POINT OF BEGINNING. CONTAINING 89.22 ACRES OF LAND MORE OR LESS.

DEDICATION

THE UNDERSIGNED PROPRIETORS TO THE ABOVE DESCRIBED TRACT OF LAND HAVE CAUSED THE SAME TO BE SUBDIVIDED IN THE MANNER AS SHOWN ON THE ACCOMPANYING PLAT, WHICH SUBDIVISION AND PLAT SHALL HEREAFTER BE KNOWN AS SCHULTZ/JONES

THE UNDERSIGNED PROPRIETORS OF SAID PROPERTY SHOWN ON THIS PLAT DO HEREBY DEDICATE FOR PUBLIC USE AND PUBLIC WAYS AND THOROUGHFARES, ALL PARCELS AND PARTS OF LAND INDICATED ON SAID PLAT AS STREETS, TERRACES, PLACES, ROADS, AVENUES, LANES, AND ALLEYS.

AN EASEMENT OR LICENSE IS HEREBY GRANTED TO MIAMI COUNTY, KANSAS, AND TO ALL PUBLIC UTILITY COMPANIES DULY INCORPORATED AND LICENSED TO DO BUSINESS IN MIAMI COUNTY, KANSAS TO ENTER UPON, CONSTRUCT, AND MAINTAIN POLES, WIRES, ANCHOR, PIPES CONDUITS SEWERS, SURFACE DRAINAGE FACILITIES, ETC., UPON, OVER AND UNDER THESE AREAS OUTLINED AND DESIGNATED ON THIS PLAT AS "UTILITY EASEMENT" OR "ULE".

THE UNDERSIGNED PROPRIETORS OF THE ABOVE DESCRIBED LAND HEREBY CONSENT AND AGREE THAT THE BOARD OF COUNTY COMMISSIONERS OF MIAMI COUNTY, KANSAS, SHALL HAVE THE POWER TO RELEASE SUCH LAND PROPOSED TO BE DEDICATED FOR PUBLIC WAYS AND THOROUGHFARES, OR PARTS THEREOF, FOR PUBLIC USE, FROM THE LIEN AND EFFECT OF ANY SPECIAL ASSESSMENTS, AND THAT THE AMOUNT OF THE UNPAID SPECIAL ASSESSMENTS ON SUCH LAND DEDICATED SHALL BECOME AND REMAIN A LIEN ON THE REMAINDER OF THIS LAND FRONTING OR ABUTTING ON SUCH DEDICATED PUBLIC WAYS OR THOROUGHFARES.

AREAS DESIGNATED ON THIS PLAT AS "RESTRICTED ACCESS" ARE FOR "NON-VEHICULAR ACCESS RESTRICTION".

OWNER'S CERTIFICATE

IN TESTIMONY WHEREOF, SCHULTZ FAMILY INVESTMENT TRUST DATED JANUARY 27, 2020 HAS CAUSED

THIS INSTRUMENT TO BE EXECUTED THIS ____ DAY OF _____, 2026.

CHRIS A. JONES

LESTER S. JONES

STATE OF KANSAS)
COUNTY OF MIAMI) SS:

BE IT REMEMBERED, THAT ON THIS ____ DAY OF _____, 2026, BEFORE ME, THE UNDERSIGNED TRUST, A NOTARY PUBLIC IN AND FOR THE COUNTY AND STATE AFORESAID, CAME CHRIS A JONES AND LESTER S. JONES FOR THE SCHULTZ FAMILY INVESTMENT TRUST, WHO EXECUTED THE FOREGOING INSTRUMENT OF WRITING AND SUCH PERSONS DULY ACKNOWLEDGED THE EXECUTION OF THE SAME FOR THE USES AND PURPOSES HEREIN SET FORTH.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND AFFIXED MY NOTARIAL SEAL THE DAY AND YEAR LAST ABOVE WRITTEN.

MY COMMISSION EXPIRES: _____ NOTARY PUBLIC

CERTIFICATE OF THE PLANNING COMMISSION

APPROVED BY THE COUNTY PLANNING COMMISSION, THIS ____ DAY OF _____, 2026, FINDING THAT THE PLAT IS IN COMPLIANCE WITH THE PROVISION OF SECTION 17-752(B) K.S.A.

TOPHER PHILGREEN, CHAIRMAN

CERTIFICATE OF THE COUNTY COMMISSIONERS

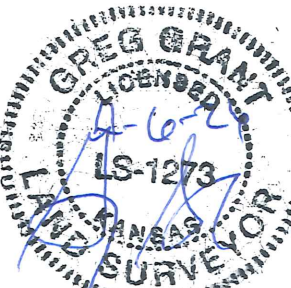
THIS PLAT AND ALL DEDICATIONS OF RIGHT OF WAYS AND EASEMENTS SHOWN ON THE PLAT ARE HEREBY ACCEPTED BY THE BOARD OF COUNTY COMMISSIONERS, MIAMI COUNTY, KANSAS.

GEORGE PRETZ, CHAIRMAN

LAURA EPP, COUNTY CLERK

I DO HEREBY CERTIFY THAT I DID SURVEY HEREIN DESCRIBED TRACT OF LAND, AND THAT SAID SURVEY WAS PERFORMED IN ACCORDANCE WITH THE CURRENT KANSAS MINIMUM STANDARDS FOR BOUNDARY SURVEYS, STANDARDS OF PRACTICE NO.1, AND THAT THE ACCOMPANYING PLAT IS A TRUE AND CORRECT REPRESENTATION OF THE CONDITIONS FOUND AT THAT TIME TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEFS.

GREG GRANT LS-1273 APRIL 6, 2026
14343 2450 ROAD
FONTANA, KANSAS 66026
913-757-2310



THIS SURVEY HAS BEEN REVIEWED AND APPROVED FOR FILING, PURSUANT TO K.S.A. 58-2003, 58-2005, 58-2011 AND K.A.R. 66-12-1 FOR CONTENT ONLY AND IS COMPLIANT WITH THIS ACT. NO OTHER WARRANTIES ARE EXTENDED OR IMPLIED.

APPROVED BY: RICHARD A. WEISS
KANSAS L.S. #1216

GREG GRANT R.L.S.
14343 2450 ROAD
FONTANA, KANSAS
913-558-3408

MIAMI COUNTY
STAFF REQUEST FOR COMMISSION ACTION

SUBMITTED BY:	REQUESTED MEETING DATE: June 17, 2026
DEPARTMENT: Administration	REQUESTED MEETING: June 17 BOCC Agenda
CONTACT INFORMATION:	PROJECT / REFERENCE NUMBER:

AGENDA SUBJECT: Letter of Support for Spring Hill's application for MARC Planning Sustainable Places funding

AGENDA SUBJECT BACKGROUND / DESCRIPTION: The City of Spring Hill is submitting an application for MARC Planning Sustainable Places (PSP) funding to complete the Spring Hill Multimodal Corridor and Growth Strategy.
REQUESTED ACTION / STAFF RECOMMENDATION:

BUDGET INFORMATION:

06/16/2026

APPROVALS:	
Mackenzie Owens	Created/Initiated - 06/16/2026
Shane Krull	Final Approval - 06/16/2026



June 17, 2026

MARC

600 Broadway, Suite 200
Kansas City, Missouri 65105

Re: *Spring Hill Multimodal Corridor & Growth Strategy*

Applicant: *City of Spring Hill, Kansas*

Program: *MARC Planning Sustainable Places (PSP)*

Dear MARC and/or Beth Dawson,

On behalf of Spring Hill, I am writing to express our strong support for the City of Spring Hill's application for MARC Planning Sustainable Places (PSP) funding to complete the Spring Hill Multimodal Corridor & Growth Strategy.

The project will develop a corridor-focused, multimodal investment strategy that evaluates existing transportation conditions and identifies prioritized improvements across key corridors, activity centers, and growth areas throughout the city. The plan will address transportation needs across all modes, including roadways, pedestrians, bicyclists, transit users, and freight.

As the Board of County Commissioners for Miami County, we recognize the importance of coordinated, multimodal transportation planning in supporting safety, mobility, and long-term growth. This project will:

- Improve safety for all users by identifying and addressing high-risk locations and crash patterns
- Enhance connectivity between neighborhoods, schools, employment centers, and regional destinations
- Support efficient system performance without relying solely on roadway expansion
- Expand multimodal travel options, including walking, biking, and transit access

The project aligns strongly with regional priorities, including Complete Streets, the Smart Moves Transit and Mobility Plan, Destination Safe, and other Connected KC initiatives. By integrating transportation planning with land use, environmental considerations, and growth management, this effort will provide lasting benefits to the community and the region.

We fully support the City of Spring Hill's application and commend their proactive approach to planning for a safer, more connected, and more resilient transportation system.

Sincerely,

George Pretz
Miami County Chairman

MIAMI COUNTY

STAFF REQUEST FOR COMMISSION ACTION

SUBMITTED BY: Matthew Oehlert	REQUESTED MEETING DATE: June 17, 2026
DEPARTMENT: Engineering	REQUESTED MEETING: June 17 BOCC Agenda
CONTACT INFORMATION: moehlert@miamicountyks.org	PROJECT / REFERENCE NUMBER: 26-02-SB (706)

AGENDA SUBJECT:
Survey and Design Services Agreement with Kaw Valley Engineering, Inc. for the Culvert 951 Replacement

AGENDA SUBJECT BACKGROUND / DESCRIPTION:

Agreement between Miami County, KS and Kaw Valley Engineering, Inc., for survey and design services on the Culvert 951 Replacement located on 287th Street 0.25 mile east of Oxford Road.

REQUESTED ACTION / STAFF RECOMMENDATION:

Commission to authorize the Commission Chair to execute the Survey & Design Services Agreement with Kaw Valley Engineering, Inc., for Project 26-02-SB (706) in the amount of \$38,880.00.

BUDGET INFORMATION:

Matthew Oehlert

06/11/2026

APPROVALS:

Kristie Reitingner	Created/Initiated - 06/11/2026
Matthew Oehlert	Approved - 06/11/2026
Shane Krull	Final Approval - 06/11/2026

Agreement for Professional Surveying & Engineering Services

Culvert 951 Replacement (287th Street just East of Oxford Road)
Miami County Project No. 26-02-SB (706)
Miami County, KS

This “Agreement”, made this _____, day of _____, 2026, by and between Miami County, Kansas (hereinafter referred to as “County”), and Kaw Valley Engineering, Inc. (hereinafter referred to as “Consultant”), for the performance of professional surveying and engineering services necessary to prepare construction plans for the proposed Culvert 951 Replacement (hereinafter referred to as “Project”).

WITNESSETH that for and in consideration of the mutual covenants and promises between the parties hereto, it is hereby agreed that the CONSULTANT shall provide the following professional surveying and engineering services to the COUNTY on this Project as set forth below;

SCOPE OF SERVICES

Upon execution of this Agreement, the CONSULTANT shall provide the following outlined services:

Surveying & Engineering Services - Perform all surveying and engineering services in accordance with plan preparation criteria of KDOT’s Bureau of Local Projects and complying with KDOT design standards. Work shall begin with the field surveying of the Project, with these Scope of Services to be considered complete once the Project is successfully surveyed and designed with plan drawings prepared sufficiently for County letting. The following items of work, along with those specifically listed in the COUNTY’s Request for Proposal (RFP) for this Project, shall constitute the overall Scope of Services for this Agreement:

1. **Field Surveying & Property Research** - The CONSULTANT shall perform field surveys consisting of establishment of Project control and benchmarks, land surveying as necessary to determine property and easement lines, and design surveying of the Project site to include utility locations, hard centerline profile, roadway cross-sections, drainage structures and general topography. The CONSULTANT shall also perform research of plats, deeds, surveys of record, and easements at the Project site. The CONSULTANT shall perform AutoCAD drafting of field survey data (AutoCAD Civil 3D 2024 or newer format) for use in design and development of plan drawings for the Project. The CONSULTANT shall provide two control points and two project benchmarks for use during construction and shall locate and reference the section corner or quarter corner nearest to each end of the project. The CONSULTANT shall furnish copies of all field notes and sketches in scanned electronic format to the Miami County designated Project Manager, along with the drafted survey in DWG format. Any previously monumented section corner within the construction limits disturbed by construction activities shall be reset by the CONSULTANT upon completion of construction. All work shall be performed under the supervision of a licensed Professional Surveyor in Kansas.

2. **Hydrology, Hydraulics & Structure Type/Size/Location** – The CONSULTANT shall determine the contributing upstream drainage area and perform hydrology calculations for the 2, 5, 10, 25, 50, and 100-year storms. A basic hydraulic model of both the existing conditions and proposed improvements scenarios shall be created utilizing HY-8 water-surface modeling software to aid in determination of the proposed bridge type, span configuration and specific placement along the roadway at the channel crossing.

3. **Roadway & Drainage Improvements Design & Drafting** - The CONSULTANT shall perform civil engineering design of the approach roadway reconstruction portion of the Project, as well as associated guard fence and drainage improvements, from field survey data and existing ground surface models as per the current KDOT Local Project Development Manual, AASHTO Roadside Design Guide and AASHTO Greenbook. The resulting roadway profile and typical section shall then be utilized by the CONSULTANT for developing plan drawings of grading and surfacing work, as well as determining accurate quantities for all grading, surfacing, removals, entrances, drainage ditches, pipes, box culverts, signing and guard fence.

4. Field Check Plans, Cost Estimate & Attendance - The CONSULTANT shall perform engineering design of the associated roadway reconstruction portion of the Project, as well as associated guard fence and drainage improvements, from field survey data and existing ground models. The resulting roadway profile and typical section shall then be utilized by the Consultant for developing plan drawings of grading and surfacing work, as well as determining accurate quantities for any associated grading, surfacing, removals, entrances, drainage ditches, slope protection, pipes, box culverts and guard fence. Road & Bridge plan sheets comprising the Field Check Plans shall include Title Sheet, Typical Section, Plan & Profile, Contour Map, Construction Layout, Traffic Control Plan and Cross-Sections. Said Field Check Plans shall be prepared in accordance with KDOT Bureau of Local Projects (BLP) requirements and submitted to the COUNTY by email accompanied by a detailed cost estimate for review and comment. The CONSULTANT shall be responsible for making any plan revisions requested by the COUNTY. The CONSULTANT shall also attend the Field Check Meeting at the site with COUNTY staff.

5. Geology Borings & Geotechnical Engineering Report - The Consultant shall perform a geology boring with material sampling near each proposed substructure element and shall record a standard boring log for each. Lab tests to determine material classifications, densities, and unconfined compressive strengths shall be performed on soil materials sampled from the borings with all findings depicted in a complete geotechnical report to be signed and sealed by a licensed Professional Engineer in Kansas. The final geotechnical report shall include a foundation recommendation for the proposed bridge and shall be furnished to both the COUNTY.

6. Bridge Superstructure Design & Detailing - The CONSULTANT shall perform structural engineering design and detailing of the bridge superstructure elements to include any associated beams, adjacent box sections, structural concrete slabs, shear connectors, diaphragms, cross-bracing and reinforced concrete deck details, which shall be included in the plan set with the other bridge sheets. The superstructure design shall be performed in accordance with KDOT's current Bridge Design Manual.

7. Bridge Substructure Design & Detailing - The CONSULTANT shall perform structural engineering design and detailing of the bridge substructure elements to include any associated abutment and pier details, which shall be included in the plan set with the other bridge sheets. The substructure design shall be performed in accordance with KDOT's current Bridge Design Manual and shall be based on information from the field survey data and geotechnical engineering report.

8. Bridge Load Rating & Scour Assessment - The CONSULTANT shall perform load rating calculations to determine the Operating and Inventory Load Ratings for the new bridge based on KDOT's legal trucks and emergency vehicles. A KDOT Bridge Load Rating Summary Sheet shall be completed and signed/sealed by a licensed Professional Engineer in Kansas. The CONSULTANT shall also utilize information from both the geotechnical engineering report and the hydraulic modeling results to perform a scour analysis utilizing FHWA's HEC-18 or the KTRANS KU Scour Program. The scour analysis results shall be utilized along with visual inspection judgements to complete KDOT's Item 113 Scour Vulnerability Justification Form.

9. Office Check Plans & Revised Estimate - The CONSULTANT shall prepare Office Check plans along with an updated version of the Field Check cost estimate. The most current versions of KDOT standard details shall be downloaded from KDOT's website, as applicable to this Project, and include those in the plan set beginning with the Office Check submittal. The Office Check plans shall include all sheets from the Field Check plan set with all noted comments addressed, along with any applicable KDOT standard details, a complete set of bridge sheets and all applicable quantity recap sheets. Said Office Check Plans shall be prepared in accordance with KDOT BLP requirements and submitted to the COUNTY by email accompanied by a detailed cost estimate for review and comment. The CONSULTANT shall be responsible for making any plan revisions requested by the COUNTY.

10. Proposed ROW/Easement Staking, Legal Descriptions & Exhibit Drawings - The CONSULTANT shall prepare legal descriptions for permanent Right-of-Way (ROW) and/or temporary construction easements which may be required to accommodate construction of the Project. Furnish written legal descriptions to the Miami County designated Project Manager in electronic format by email (Microsoft Word 2010 or newer). Furnish base AutoCAD file that includes Project control points and all existing ROW, property lines, Project centerline, section lines, proposed ROW, temporary or permanent easements, and dimensions with callouts in an Exhibit Drawing for each of the two parcels potentially affected by the Project. These exhibit drawings shall also include the landowner's name and Miami County GIS tract identifier. The CONSULTANT shall also be required to provide survey stakes depicting existing ROW and proposed ROW/easements to aid the COUNTY with acquisition. All legal description, exhibit drawing and survey staking work shall be performed under the supervision of a licensed Professional Land Surveyor in Kansas.

11. Corps of Engineers Permit Applications - The CONSULTANT shall complete and submit a U.S. Army Corps of Engineers permit application by email as required by the Project, along with all required supporting documentation.

12. Final Plans, Contract Documents & Engineer's Estimate - The CONSULTANT shall prepare the Final Plans, contract front-end documents and an updated cost estimate prior to the COUNTY advertising for bids. The Final Plans shall include all sheets from the Construction Check plan set with all noted comments addressed. Said Final Plans shall be prepared in accordance with KDOT BLP requirements, signed and sealed by a licensed Professional Engineer in Kansas, and submitted to the COUNTY by email accompanied by the final construction cost estimate.

13. Pre-Construction Conference, Shop Drawing Review & Materials Certification Approvals - The CONSULTANT shall attend the Pre-Construction Conference with the COUNTY and the successful Contractor. The CONSULTANT shall review and approve all shop drawings, materials certifications and falsework plan submittals, as well as responding to any questions during construction regarding the construction plans, contract documents and/or technical specifications.

COMPENSATION

The County shall compensate the CONSULTANT for satisfactory completion of the Scope of Services for this Project in accordance with the ***"Fee Schedule for Professional Surveying & Engineering Services"*** included with this Agreement as Exhibit A. For the purposes of this Agreement, the maximum not to exceed amount due to the CONSULTANT upon successful completion of the entire Scope of Services shall be **\$38,880.00**.

In the event services are requested by the COUNTY which are considered by both parties to be above and beyond these original Scope of Services for this Project, those additional services shall be compensated in accordance with a proposal for supplemental services submitted by the CONSULTANT and approved by the COUNTY. Both parties agree that no additional services shall be performed by the CONSULTANT prior to the COUNTY issuing an executed supplemental agreement signed by both parties.

The CONSULTANT shall invoice the COUNTY for completed services on a monthly basis in accordance with the percent-complete benchmarks established in the RFP. An invoice shall be submitted by the CONSULTANT at the end of each month to the COUNTY's designated Project Manager by email, with the amount of said invoice being due upon receipt by the COUNTY and considered past due if not paid within thirty (30) days of the invoice date.

TIME FOR COMPLETION

The CONSULTANT shall begin work on the date of execution of this Agreement and shall complete all work for this Project through the delivery of “*Final Plans, Contract Documents & Engineer's Estimate*” as outlined in the Scope of Services at least 10 calendar days prior to the scheduled COUNTY letting. The work is scheduled to progress in the manner and sequence as set forth in the Scope of Services. Services to be provided under this Agreement do not allow for delays due to abnormal weather, inefficient or non-responsive review by the COUNTY and/or review agencies, or unforeseen circumstances not under the direct control of the CONSULTANT, which may be grounds for requesting an extension of time by the CONSULTANT. The CONSULTANT shall submit to the COUNTY upon request, progress reports at monthly intervals.

DISPUTE RESOLUTION

All claims, disputes, and other matters of controversy between COUNTY and CONSULTANT arising out of, or in any way related to, this Agreement or the services performed by CONSULTANT shall be submitted to non-binding mediation as a condition precedent to litigation. If a dispute arises from matters related to the services provided under this Agreement and that dispute requires litigation, then the claim shall be brought and tried in a judicial jurisdiction in the State of Kansas.

TERMINATION BY CAUSE

This Agreement may be terminated by the COUNTY upon ten (10) days written notice in the event of substantial failure to perform in accordance with the terms set herein. If this Agreement is so terminated, the CONSULTANT shall be paid for any approved final product delivered through the effective date of termination as per the compensation arrangement set forth in this Agreement.

CONTRACT PROVISIONS

A. Records and Audits

The CONSULTANT shall maintain accounts and records, including personnel, property, and financial records, adequate to identify and account for all costs pertaining to the Agreement, and such records as may be deemed necessary by the COUNTY to assure the proper accounting for all project funds, both Federal and non-Federal shares. These records will be made available for audit purposes to the COUNTY, or any authorized representative, and will be retained for three years after the expiration of this Agreement, unless permission to destroy them is granted by the COUNTY.

B. CONSULTANT Compliance with Local, State, and Federal Laws

1. Title VI of the Civil Rights Act of 1964, as amended, no person shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance.
2. Age Discrimination Act of 1975, as amended, (Pub. L. 94-135), and implementing regulations when published for effect. No person in the United States shall, on the basis of age, be excluded from participation in, be denied the benefits or, or be subjected to discrimination under any program or activity receiving Federal financial assistance.
3. Kansas Act Against Discrimination of 1992. It is declared to be the policy of the State of Kansas to eliminate and prevent the practice or policy of discrimination against individuals in employment relations, in relation to free and public accommodations or in housing by reason of race, religion, color, sex, physical disability, national origin or ancestry.

4. Executive Order 11246, as amended by Executive Orders 11375 and 12086 and implementing regulations issued at 41 CFR Chapter 60. A contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex or national origin.
5. Section 503 of the Rehabilitation Act of 1973, as amended, provides for nondiscrimination in contractor employment.
6. The CONSULTANT shall also concede to provide access to project records and will agree to maintain said records for a period of at least three (3) years beyond project completion and shall also follow copyright regulations where appropriate.
7. The CONSULTANT will not discriminate against any employee or applicant for employment because of race, creed, sex, color, or national origin. The CONSULTANT will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, creed, sex, color, or national origin. Such action shall include, but not be limited to, the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The CONSULTANT agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this non-discrimination clause.
8. The CONSULTANT will, in all solicitation or advertisements for employees placed by or on behalf of the Consultant, state all qualified applicants will receive consideration for employment without regard to race, creed, color, sex, or national origin.
9. The CONSULTANT shall be responsible for acquiring all necessary clearances, permissions and/or permits as required for the Project in accordance with all applicable local, state and federal agency laws, regulations, ordinances, statutes and resolutions.

C. Interest of Members of the COUNTY

No members of the governing body of the COUNTY and no other officer, employee, or agent of the COUNTY who exercises any functions or responsibilities in connection with the planning and carrying out of the program, shall have any personal financial interest, direct or indirect, in this Agreement; and the CONSULTANT shall take appropriate steps to ensure compliance.

D. Interest of the Consultant and Employees

The CONSULTANT covenants that it presently has no interest and shall not acquire interest, direct or indirect, in the study area or any parcels therein or any other interest which would conflict in any manner or degree with the performance of its services thereunder. The CONSULTANT further covenants that in the performance of the Agreement, no person having any such interest shall be employed.

IN WITNESS WHEREOF, the COUNTY and the CONSULTANT have executed this Agreement as of the date first above written.

CONSULTANT:
KAW VALLEY ENGINEERING, INC.

By: _____
Chad D. McCullough, P.E.

Title: Project Manager

Date: _____

COUNTY:
MIAMI COUNTY, KS

By: _____
George Pretz

Title: Chairman – Board of County Commissioners

Date: _____

Exhibit A

Fee Schedule for Professional Surveying & Engineering Services



Fee Schedule for Professional Surveying & Engineering Services

Culvert 951 Replacement (287th Street just E. of Oxford Road)
Miami County Project No. 26-02-SB (706)

6/1/2026

1. Field Surveying & Property Research

Hourly Compensation:

<u>Employee Classification</u>	<u>Hours</u>	<u>Hourly Rate</u>	<u>Extension</u>
Project Manager	4	\$220.00	\$880.00
Registered Land Surveyor	8	160.00	1,280.00
Survey Crew & Equipment	32	195.00	6,240.00
Drafting Technician II	16	120.00	1,920.00
			\$10,320.00

Direct Expenses:

O & E's (Security 1st Title)	3	parcels @	\$230.00	=	\$690.00
Vehicle Mileage -	400	miles @	\$0.70	=	\$280.00
					\$970.00

2. Hydrology, Hydraulics/Scour Modeling & Structure Type/Size/Location

Hourly Compensation:

Project Manager	2	\$220.00	\$440.00
Engineer-in-Training	4	135.00	540.00
			\$980.00

3. Roadway & Drainage Improvements Design & Drafting

Hourly Compensation:

Project Manager	4	\$220.00	\$880.00
Engineer-in-Training	8	135.00	\$1,080.00
Drafting Technician II	12	120.00	1,440.00
			\$3,400.00

4. Field Check Plans, Cost Estimate & Attendance

Hourly Compensation:

Project Manager	8	\$220.00	\$1,760.00
Engineer-in-Training	4	135.00	540.00
Drafting Technician II	16	120.00	1,920.00
			\$4,220.00

Direct Expenses:

Vehicle Mileage -	300	miles @	\$0.70	=	\$210.00
					\$210.00

5. Geotechnical Engineering Solicitation & Referral

Hourly Compensation:

Engineer-in-Training	2	\$135.00	\$270.00
Administrative Assistant	2	\$75.00	150.00
			\$420.00

6. Bridge Superstructure Design & Detailing

Hourly Compensation:

Project Manager	2	\$220.00	\$440.00
Engineer-in-Training	8	135.00	1,080.00
Senior Design Technician	8	135.00	1,080.00
			\$2,600.00

7. Bridge Substructure Design & Detailing

Hourly Compensation:

Project Manager	2	\$220.00	\$440.00
Engineer-in-Training	8	135.00	1,080.00
Senior Design Technician	8	135.00	1,080.00
			\$2,600.00

8. Bridge Load Rating Summary Sheet & Item 113 Scour Form (per KDOT Bridge File requirements)

Hourly Compensation:

Project Manager	2	\$220.00	\$440.00
Engineer-in-Training	4	135.00	540.00
			\$980.00

9. Office Check Plans & Revised Estimate

Hourly Compensation:	Project Manager	8	\$220.00	\$1,760.00
	Engineer-in-Training	4	135.00	540.00
	Drafting Technician II	8	120.00	960.00
				\$3,260.00

10. Proposed ROW / Easement Staking, Legal Descriptions & Exhibit Drawings

Hourly Compensation:	Project Manager	2	\$220.00	\$440.00
	Registered Land Surveyor	4	160.00	640.00
	Survey Crew & Equipment	8	195.00	1,560.00
	Drafting Technician II	4	120.00	480.00
				\$3,120.00

11. Corps of Engineers Permit Application

Hourly Compensation:	Project Manager	1	\$220.00	\$220.00
	Engineer-in-Training	1	135.00	135.00
	Administrative Assistant	1	75.00	75.00
				\$430.00

12. Final Plans, Contract Documents & Engineer's Estimate

Hourly Compensation:	Project Manager	4	\$220.00	\$880.00
	Engineer-in-Training	2	135.00	270.00
	Drafting Technician II	8	120.00	960.00
	Administrative Assistant	8	75.00	600.00
				\$2,710.00

13. Pre-Construction Conference, Shop Drawing Review & Materials Certification Approvals

Hourly Compensation:	Project Manager	8	\$220.00	\$1,760.00
	Engineer-in-Training	4	135.00	540.00
	Administrative Assistant	2	75.00	150.00
				\$2,450.00

Direct Expenses:

Vehicle Mileage -	300	miles @	\$0.70	=	\$210.00
					\$210.00

Total for Hourly Compensation	=	\$37,490.00
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Total for Direct Expenses	=	\$1,390.00
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Total for Professional Surveying & Engineering Services	=	\$38,880.00
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Culvert 951

287th Street 0.25 mile east of Oxford Road

Oxford Road

W 287th St

951

W 287th St

South Wea Creek

Oxford Rd

Google Earth



MIAMI COUNTY

STAFF REQUEST FOR COMMISSION ACTION

SUBMITTED BY: Eric Sandberg	REQUESTED MEETING DATE: June 17, 2026
DEPARTMENT: Road & Bridge	REQUESTED MEETING: June 17 BOCC Agenda
CONTACT INFORMATION: Esandberg@miamicountyks.org	PROJECT / REFERENCE NUMBER:

AGENDA SUBJECT:
Purchase a Slide-in Spray Unit

AGENDA SUBJECT BACKGROUND / DESCRIPTION:

The Road and Bridge department would like commission authorization to purchase a slide-in spray unit for the noxious weed department to replace an old mini-truck spray unit. We requested to receive quotes and received the following

Fairbank Equipment - \$26,827.05
Sprayer Specialties - \$23,654.57
Stone Farms - No Quote

REQUESTED ACTION / STAFF RECOMMENDATION:

Commissioner approval to purchase the slide-in spray unit from Sprayer Specialties for \$23,654.57 utilizing funds from the Road and Bridge line item 203-3706 Equipment.

BUDGET INFORMATION:

\$23,654.57 from line item 203-3706 Equipment

Eric Sandberg

06/12/2026

APPROVALS:

Deana Howard	Created/Initiated - 06/12/2026
Shane Krull	Final Approval - 06/12/2026



Quotation

EXPIRATION DATE	QUOTE NUMBER
06/08/2026	S2664583
FAIRBANK EQUIPMENT - WICHITA BRANCH 989 W Steeple Bay Pkwy WICHITA, KS 67217 Phone 316-943-2247 Fax 316-943-6510	PAGE NO.
	1 of 3

FAIRBANK EQUIPMENT - WICHITA BRANCH
989 W Steeple Bay Pkwy
WICHITA, KS 67217
Phone 316-943-2247
Fax 316-943-6510

QUOTE TO:

SHIP TO:

Miami County Noxious Weed Dept
201 S Pearl, Ste 203
PAOLA, KS 66071-1777

Miami County Noxious Weed Dept
23765 W 327th
PAOLA, KS 66071-6275

CUSTOMER NUMBER	CUSTOMER PO NUMBER	JOB NAME / RELEASE NUMBER	SALESPERSON	
28022	300 Poly Tank		Wichita House- Special	
WRITER	SHIP VIA	TERMS	SHIP DATE	FREIGHT ALLOWED
PAUL KEAR	CPU PICK UP	NET DUE 15 DAYS	09/01/2026	No
ORDER QTY	DESCRIPTION		UNIT PRICE	EXT PRICE
1ea	FB-CS150-H FAIRBANK JOHN BLUE - HONDA PUMP PKG Pn: 101371		1992.112/ea	1992.11
3ea	8210G3 3/4" ASCO VALVE 12V DC Pn: 40282		437.092/ea	1311.28
2ea	375-R BOOM BUSTER NOZZLE Pn: 36286		156.131/ea	312.26
1ea	QCTF-VS30 SPRAY SYS TURBO FLOOD NOZ Pn: 3920		36.162/ea	36.16
1ea	063-0171-220 RAVEN CONSOLE ASSY SCS 450 Pn: 29667		2408.732/ea	2408.73
1ea	115-0171-085 RAVEN 10' SCS CONSOLE CABLE NEW STYLE Pn: 30928		463.549/ea	463.55
1ea	HRAVEN-129 RAVEN 12' FLOW CONTROL CABLE FOR 6 SECTIONS SCS 440/450 Pn: 88119		657.261/ea	657.26
1ea	063-0171-985 RAVEN RFM60P FLOWMETER HIGH PULSE Pn: 79954		667.549/ea	667.55
1ea	063-0172-125 RAVEN 1" POLY CONTROL VALVE FLANGED Pn: 23942		440.563/ea	440.56
1ea	DS-GPSM-R5 GPS SPEED SENSOR for Raven SENSOR ONE		550.055/ea	550.06

** Continued on Next Page **



Quotation

EXPIRATION DATE	QUOTE NUMBER	PAGE NO.
06/08/2026	S2664583	2 of 3

ORDER QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
10ea	Pn: 65563 SB817 SB2 SURGE BUSTER FOR 16" LID GAL DIVIDED BY 32 = NUMBER NEEDED FOR WATER Pn: 32562	76.299/ea	762.99
2ea	PA-HD2-6-900-N-12VDC 6" LINEAR ACTUATOR HIGH SPEED Pn: 101241	547.951/ea	1095.90
200ft	38688 1/2" 800PSI 1/2" NEON GREEN GARDE HOSE Pn: 56485	5.009/ft	1001.78
1ea	RAM-VB-203-SW2 RAM MT FOR 2019-20 CHEVY,LESS BOX ** NON-STOCK ITEM ** Pn: 88676	517.319/ea	517.32
1ea	HE0300-C ACE 300 ELLIPTICAL CRADLE Pn: 25402	589.801/ea	589.80
1ea	HE0300-48 ACE 300 ELLIPTICAL Pn: 25401	745.199/ea	745.20
1ea	E1520-17-18-C2 HANNAY REEL 12V WITH C-2 ROLLER ASSY LAWN CARE 175' 1/2" HOSE ** NON-STOCK ITEM ** Pn: 68769	1331.949/ea	1331.95
1ea	SP0004-SQ5-B ACE 4 GALLON BLACK INDUCTOR TANK Pn: 83899	76.468/ea	76.47
1ea	TSA/SYMICROMBM-AC MICRO MINI BAR LED DUAL COLOR AMBER CLEAR MAGNETIC MOUNT 12V ** NON-STOCK ITEM ** Pn: 95720	419.355/ea	419.35
2ea	SYFLAT6-AC AMBER/CLEAR MODULE FLAT LED SURFACE MT Pn: 79540	98.387/ea	196.77
1ea	FB-PK PLUMBING KIT Fork Tubes for easy removal Rear ground fill Pn: 10302	2000.000/ea	2000.00

** Continued on Next Page **



Quotation

EXPIRATION DATE	QUOTE NUMBER	PAGE NO.
06/08/2026	S2664583	3 of 3

ORDER QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
1ea	BOOM FRAMES: PER CUSTOMER SPECIFICATIONS ** NON-STOCK ITEM ** right Left front boom single rear boom Pn: 69540	2000.000/ea	2000.00
58ea	LABOR CHARGE: WORK ORDER Pn: 15675	115.000/ea	6670.00
1ea	SHOP SUPPLIES MISC SUPPLIES USED Pn: 17752	580.000/ea	580.00
This is a Quotation. Price is firm for 10 days, subject to change without notice after 10 days. Applicable taxes extra.		Subtotal	26827.05
WARNING: Products may Contain Phthalates or Nickel - www.P65Warnings.ca.gov		S&H Charges	0.00
		Amount Due	26827.05

GRIMES, IA
800-351-1587

CASEY, IA
641-746-2893

www.sprayers.com



GARDNER, KS
877-829-8502

BRIMFIELD, IL
855-778-8500

Sprayer Specialties Inc.

30070 West 191st Street
Gardner, KS 66030
877-829-8502
913-856-7188

Quote

QUOTE FOR TRUCK SPRAYER

Date: 6/1/2026
Quote Number: 0985290
Customer ID: MIA071
Quoted By: TY CAYOT 913-856-7188

Bill To:

MIAMI COUNTY KANSAS
201 SOUTH PEARL
SUITE 203
PAOLA, KS 66071

Ship To:

MIAMI COUNTY KANSAS
201 SOUTH PEARL
SUITE 203
PAOLA, KS 66071

pcampbell@miamicountyks.gov

Part #	Description	Unit Cost	Qty.	Total
	300 GALLON SPRAYER W/ BAFFLE SPHERES IN TANK ON CUSTOM SKID W/ FORK POCKETS, HYPRO CLEANLOAD INDUCTOR AND CHECK VALVE FOR GROUND FILL, ACE GE660 PUMP W/ ELECTRIC START MOTOR SWITCH IN CAB, RAVEN 450 CONTROLS AND TEEJET BALL VALVE MANIFOLD, 2 12V ACTUATOR ARMS ON FRONT W/ 375R BOOM BUSTER NOZZLES AND 5880-2TOC20 CLUSTER NOZZLE ON REAR HITCH MOUNT			
NOR300E	40327-300 ELLIP WHITE	1,090.59	1.00	1,090.59
SLH16	SLOSHER BALL 16"	40.43	30.00	1,212.90
*CUSTOMSKID	CUSTOM SKID FOR 300GAL SPRAYER	2,800.00	1.00	2,800.00
GX160K1-QXE2	5.5 HP HONDA W/ ELEC. START	862.17	1.00	862.17
GE-660-LE	PUMP ONLY	540.54	1.00	540.54
E1520-17-18LTRS	12" W/ GUIDE & SWITCHBOX - ALL	1,519.39	1.00	1,519.39
PVC60012	1/2" PVC 600# HOSE	3.52	175.00	616.00
01590	ROADMASTER CORE KIT	1,844.93	1.00	1,844.93
01410	ASTRO II GPS SPEED SENSOR MT	456.00	1.00	456.00
01501	3/4" (X) 2-40GPM FM	448.00	1.00	448.00
19093	1" SERVO VALVE, 150 PSI 2016	369.00	1.00	369.00
453BEC-2F-C	450 MANIFOLD	1,055.94	1.00	1,055.94
5880-3/4-2TOC20	BOOMJET NOZ,BRASS	251.49	1.00	251.49
ATV-KLC-HMK2	2" HITCH MOUNT KIT REAR	150.00	1.00	150.00
*FRONTMOUNT	FRONT HITCH MOUNT FOR ACTUATOR	300.00	1.00	300.00
517-01-RSA	ROADSIDE ACCUATOR 12V	1,486.08	2.00	2,972.16
BB375-R	Boom Buster Nozzle	159.29	2.00	318.58
MISC.	MISCELLANEOUS PLUMBING/WIRING	1,400.00	1.00	1,400.00
3376-1170	CLEANLOAD ASSEMBLY 11MM RH	1,078.29	1.00	1,078.29
CM-MOUNT-KIT	CHEM MIXER DROP DOWN MOUNT KIT	292.19	1.00	292.19
LABOR	HOURLY LABOR CHARGE	138.60	24.00	3,326.40

PAT 913-945-0968

Sprayer Specialties Inc.

Quote

QUOTE FOR TRUCK SPRAYER

30070 West 191st Street
Gardner, KS 66030
877-829-8502
913-856-7188

Date: 6/1/2026
Quote Number: 0985290
Customer ID: MIA071
Quoted By: TY CAYOT 913-856-7188

Bill To:

MIAMI COUNTY KANSAS
201 SOUTH PEARL
SUITE 203
PAOLA, KS 66071

Ship To:

MIAMI COUNTY KANSAS
201 SOUTH PEARL
SUITE 203
PAOLA, KS 66071

pcampbell@miamicountyks.gov

Part #	Description	Unit Cost	Qty.	Total
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Thank you for the opportunity to quote this for you!
Please contact us with any questions you may have!
We appreciate your business!

SUBTOTAL:	22,904.57
TAX TOTAL:	0.00
FREIGHT:	750.00
TOTAL:	23,654.57

MIAMI COUNTY
STAFF REQUEST FOR COMMISSION ACTION

SUBMITTED BY: Mark Whelan	REQUESTED MEETING DATE: June 17, 2026
DEPARTMENT: Administration	REQUESTED MEETING: June 17 BOCC Agenda
CONTACT INFORMATION: mwhelan@sheriffmiamicountyks.gov	PROJECT / REFERENCE NUMBER: MIFD#1 Hose Testing

AGENDA SUBJECT:
Fire Hose Testing

AGENDA SUBJECT BACKGROUND / DESCRIPTION:

Testing of a fire hose is required on a yearly basis to comply with NPFA 1952 along with ISO requirements for insurance rating. This is a very labor-intensive project that takes volunteers away from home for a full day if not more to complete. Our volunteers leave home on a almost daily basis to respond to incidents, train and conduct public education events.

Regular hose testing maximizes life safety to FF and civilians, identifies hidden defects, reduces liability to the county and contract cities. Contracting testing to a outside firm also prevents truck damage to fire district-owned assets.

Miami County Fire District #1 owns 30,515 feet of house. City of Louisburg owns 5,725 ft, City of Osawatomie owns 5,725 ft and the City of Paola owns 6,785 ft.
The 3 cities can opt into the pricing if they so desire.

Four vendors were asked to provide quotes to Miami County. Two vendors responded.

FireCatt \$0.44 per ft total of \$13,426.6 in 2026, \$0.46 per ft at 14,036.90 for 2027 and \$14,647.20. This includes all costs.

Fire Flow quote was for \$30,525.00.

REQUESTED ACTION / STAFF RECOMMENDATION:

Recommend a three-year agreement with FireCatt.

BUDGET INFORMATION:

Funds would come out of the existing yearly equipment budget line item based on each stations footage of hose.

Mark Whelan

06/11/2026

APPROVALS:

Mark Whelan	Created/Initiated - 06/11/2026
Shane Krull	Final Approval - 06/11/2026

Electronic Delivery

May 29, 2026

Mark Whelan
Fire Coordinator
Miami County Fire District #1
209 South Pearl
Paola KS 66071



Mark:

FireCatt launched fire hose testing operations in 2008 with the development of a proprietary, software-driven testing platform engineered to execute NFPA-compliant procedures with exact repeatability. Our patented, fully automated test method integrates computer-controlled pressure regulation, data acquisition, and timing, eliminating operator variability and ensuring consistent, verifiable adherence to NFPA standards.

Based on our industry analysis, FireCatt is the only provider in the nation utilizing a patented fully computer-controlled fire hose testing system, establishing us as a sole-source supplier. This distinction is especially relevant for procurement and city leadership, as it provides a clear, defensible basis for vendor selection rooted in technical capability and documented performance.

In 2026, our fleet will include 17 Mobile Test Units deployed nationwide, collectively testing more than 26 million feet of fire hose annually for over 2,500 fire departments and agencies. This scale not only demonstrates operational capacity but also reflects the trust placed in our methodology by departments committed to reducing liability, ensuring compliance, and safeguarding their personnel.

The Proposal

This pricing reflects our understanding of the pressures fire chiefs face throughout the budgeting process. It represents our most competitive offering **without compromising or modifying our process simply to compete on price alone.**

FireCatt's patented, proprietary testing method delivers a demonstrably superior level of quality, accuracy, and NFPA compliance. When a department does not conduct the due diligence required to thoroughly evaluate and verify suppliers, specialized services like ours are often treated as commodities — and claims of "NFPA compliant" are accepted without meaningful validation.

The critical question is how a supplier **substantiates** compliance and produces measurable, repeatable results.

For departments committed to the highest standards of safety and performance, our process consistently delivers the strongest return on investment.

Pricing

Option(s)	Quantity in Feet	Price per Foot	TOTAL
	Miami County Fire District #1		
1 Fire Hose Testing FireCatt provides all Labor	51,525(approximate)	\$0.47	\$24,216.75
	3-year Guaranteed Pricing	\$0.44 Year 1 \$0.46 Year 2 \$0.48 Year 3	\$22,671.00 \$23,701.50 \$24,732.00
The following is the breakdown by community	Feet of hose to apply price per foot		County/City
Fontana KS	3700 County	\$0.47	\$1,739.00
		\$0.44 Year 1 \$0.46 Year 2 \$0.48 Year 3	\$1,628.00 \$1,702.00 \$1,776.00
Oswatomie KS	6900 County 5725 City	\$0.47	\$3,423.00 \$2,690.75
		\$0.44 Year 1 \$0.46 Year 2 \$0.48 Year 3	\$3,036.00 \$2,519.00 \$3,174.00 \$2,633.50 \$3,312.00 \$2,748.00
Louisburg KS	10,755 County 5725 City	\$0.47	\$5,054.85 \$2,690.00
		\$0.44 Year 1 \$0.46 Year 2 \$0.48 Year 3	\$4,732.20 \$2,519.00 \$4,947.30 \$2,633.50 \$5,162.40 \$2,748.00
Paola KS	9160 County 6785 City	\$0.47	\$4,305.20 \$3,188.95
		\$0.44 Year 1 \$0.46 Year 2 \$0.48 Year 3	\$4,030.40 \$2,985.40 \$4,213.60 \$3,121.10 \$4,396.80

			\$3,256.80
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Minimum Charge- Fire Departments with under 5,200' of hose to test will be subject to a minimum charge of \$2,288.00.

NFPA Fire Hose Testing Standards

1. Each length of hose will be assigned an Identification Number using a barcode label on each coupling. That I.D. number shall also be recorded on the hose jacket at each end of the hose using a permanent ink marker.
2. Each length of hose will be inspected, both the outer jacket and inner liner.
3. All couplings and threads will be inspected.
4. All gaskets will be inspected, defective gaskets will be replaced at no extra cost.
5. FireCatt will supply hose manufacturer approved lubricant for coupling lubrication.
6. All defective hose will be tagged and removed from service and the defect location on the hose will be marked using a permanent marker. The tag will be distinctive and state the reason for removal from service, date, and hose I.D. number. This information will also be contained within the test report.
7. FireCatt will supply "Never Seize" lubricant for lubricating all apparatus connection points so as to reduce galvanic reaction associated with dissimilar metal contact.
8. FireCatt will accurately record all data that will be contained in the final report which will include, Department I.D., Station or Apparatus I.D., FireCatt hose I.D., Fire Department hose I.D., Manufacturer, Date of Manufacture, Date in Service, Size, Length, Pressure, Pass/Fail, Reason for Failure, and Tread Type.
9. FireCatt will provide a hard copy of the Test Report within 1 week of test completion. The Hose Test Report is documented on a per Department basis. If you require your hose documentation broken down per apparatus or station, this service is available and must be pre-arranged.
10. FireCatt will provide internet web access to your electronic test record and protect this information using a unique login and password within 1 week of test completion. Access to the test records will be for a minimum of 7 years from the date of the most recent test.
11. FireCatt will be licensed and insured to meet the State, City and Department requirements.

Note: Any special requirements including city, county, state licenses, insurance riders/addendums, or other requirements that add cost to doing business with your specific municipality/institution could result in charge backs, service fees, or a higher price charged for services rendered.

Option 1 - FireCatt will provide ALL labor to unload apparatus, lay out test, couple/uncouple, roll hose and reload apparatus. The Fire Department will provide labor only to drive apparatus to and from the test site.

Hard Suction Hose: If utilized will be vacuum tested at the same price per foot as all other hoses

Logistics:

Prior to testing FireCatt will work with your Department to formulate and tailor a logistics plan that will work best for you. The following is an example of a typical logistics plan:

When FireCatt begins testing we will start with your *rack/auxiliary* hose then your *reserve* apparatus(s). Your tested *rack/auxiliary* hose will be ready to replace any failed hose from your apparatus(s). Once the *reserve apparatus(s)* are tested your company can take the tested reserve

to replace a front-line apparatus prior to testing. Thus, we eliminate any downtime in your Department for hose testing and we keep your companies in the district. That way the public that you serve will not see an increase in response time during hosed testing.

The Department will be responsible for providing a suitable test location 300' in length x 100' wide, a water supply via Fire Hydrant (preferably), standpipe, or tender, a driver to move your apparatus and a single point of contact. **Note: Fire hose WILL get wet during hose testing!** The condition of the test site plays an influential role in keeping your hose as dry and clean as possible. Good drainage, clean surface, no potholes, no weeds are all important criteria that need to be considered.

Contract Term

Pricing in BLACK is for a 1-year contract. *Pricing in RED is for a 3-year guaranteed pricing service agreement. 3-year pricing is guaranteed as long as inflation remains below a total CPI of 5% per year.

Completion

Testing will take approximately 6 day(s) annually (weather, total feet, & test site dependent).

Summary of Benefits Received from Choosing FireCatt

- Use the best technology the industry has to offer and fully trained technicians.
- Longer life of hose due to ensuring NFPA 1930 (Formally NFPA 1962) is followed every test cycle.
- Assurance hose is tested to prescribed pressures, if not, either false positive results, or premature stress and loss of hose life are the results (especially the unnecessary cost of replacing LDH – Supply Lines)
- Workers' compensation injuries resulting from testing accidents, either immediate or develops after, such as back / knee strain from re-loading hose (conveyor system and turntables)
- Reduction of any overtime hours used for testing and or training, freeing up man-hours from faster re-loading and the use of two mobile test labs.
- Proven Professional Operation - experience in testing large departments.

FireCatt customers are leaders within the fire service—departments that refuse to settle for “good enough.” Across every conversation we’ve had with chiefs and command staff nationwide, two truths consistently rise to the top: **a fire hose is a firefighter’s lifeline, and if they can’t get water on the fire, nothing else matters.**

For **fire chiefs**, these priorities speak directly to operational readiness, firefighter safety, and the assurance that every line pulled will perform exactly as expected. For **city administrators**, they reflect the broader responsibility of **public stewardship**—ensuring that critical life-safety assets are maintained with transparency, defensibility, and long-term value for the community.

We appreciate your thoughtful review of this proposal and the care you bring to decisions that influence personnel safety, operational continuity, and public trust. FireCatt remains committed

to delivering a proven, defensible, and fully compliant solution that supports your department's mission and your city's long-term stewardship responsibilities.

The attached sole-source letter and supporting patents further demonstrate how FireCatt's methodology stands apart—both in capability and in the verification that underpins it.

Respectfully submitted

Steve Koering

Steve Koering

Fire Chief Ret.

Director of Strategic Business Development

612.790.4019

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3250 W. Big Beaver Rd., Suite 544, Troy, MI 48084 Phone: 248-643-7200 Fax: 248-566-3064 www.firecatt.com
FASTEST, SAFEST, MOST ACCURATE precision service testing company in the Nation

May 29, 2026

Mark Whelan
Fire Coordinator
Miami County Fire District #1
209 South Pearl
Paola KS 66071

RE: FireCatt - Sole Source Specifications

FireCatt is the sole source supplier and owner of a **patented method** (patent US8,554,497B2) that incorporates computerized technology for **fire hose testing**.

FireCatt is the *first and only* company in the nation to offer a method with the following features:

- ☐ Electronic and computerized pressure transducers are used to monitor and regulate pressures.
- ☐ Air actuated and computerized valves are used to eliminate manual control of all valves at high pressure and provide emergency automated shut-off/shut-down capability. The use of manual valves that are less than 100% repeatable and that may expose personnel to unnecessary risk will not be permitted.
- ☐ Pressure release at the end of each test will be accomplished through air actuated and computer controlled valves operated remotely. This will eliminate the need to release pressure at the end of each hose and eliminate the risk associated with exposing personnel to potential catastrophic failure while any hose is fully pressurized.
- ☐ Hydrant pressure will be monitored through the use of electronic and computerized pressure transducers. Hydrant pressure will be regulated to meet the NFPA requirement of 45 PSI at the beginning of the test.
- ☐ An amber warning beacon will be illuminated at all times when a hose is pressurizing or at high pressure.
- ☐ Ten manifolds will be used, each with its own computerized pressure transducer and valve so that ten separate pressures can be tested simultaneously.
- ☐ Air relief valves will be used at the end of each hose lay per manifold, and at the elbow at mobile test lab.
- ☐ Computerized digital pressure readouts will be used in order to eliminate subjective "needle bounce" of analog gauges.
- ☐ Heavy Duty Bar Code labels will be used on each hose for ease of Identification and Inventory Control.

FireCatt is also the sole source supplier using the *only* load cell that is UL Certified to NFPA 1983 general use that we incorporate into our method for **ground ladder testing**.

FireCatt is the *first and only* company in the nation to offer a method with the following features:

- ☐ Digital Load Cell technology ensures the proper and precise forces are being applied using the *only* load cell that is UL Certified to NFPA 1983 general use.
- ☐ Heavy Duty Bar Code labels will be used on each ground ladder for ease of Identification and Inventory Control.
- ☐ Precise forces are applied consistently through the use of an electronic winch system. Sandbags, or water filled vessels being placed on top of the ladder in an inconsistent manner will not be allowed.
- ☐ Digital readouts will be used to measure force in order to eliminate subjective “needle bounce” of analog gauges.

And Finally, FireCatt is the sole source supplier providing the **patented** (patent US10,450,148B2) FireCatt Large Diameter Hose Conveyor to reload all your Large Diameter Hose.

- ☐ LDH conveyor utilized to reduce the risk of back strain and other related injuries while re-loading heavy Large Diameter Hose.

Computerized timing of tests will be used to eliminate subjective timing devices such as manual stop watches which are prone to operator error. Throughout our discussions I believe that we agreed that the issues of safety, time, technology and tracking are the most important to you and your department. Our patented method, and the unique features listed above allow for these requirements to be met in the most “objective” manner possible. In comparison, other testing companies will provide you with “subjective” test results. We have designed our testing and reporting technology to meet the requirements and future needs of the industry.

We have yet to encounter another testing company in the nation deploying similar state-of-the-art computerized testing technology. Our issued and pending patents are strong evidence of the exclusive nature of our solutions. In short, we believe that no other company in the nation can match or exceed the accuracy or safety of our testing services.

Best Regards,

Steve Koering

Steve Koering
Director of Strategic Business Development
612.790.4019 mobile/direct

FireCatt - the fastest, safest, most accurate fire hose testing company in the Nation.

You invest millions in apparatus, equipment, training, and logistics. Yet, accurate hose testing is the true foundation—because if the hose fails, so does the lifeline to your firefighters.



Top Reasons to outsource to FireCatt

Manpower

Save Money — Save up to 45% of your direct labor costs

Save Time — FireCatt teams test 12,000 feet or 4 to 5 engines per day.

Increase Training Time — Mission-critical training takes priority over outdated, inefficient in-house hose testing.

Improve Morale — Show your crews you care, because let's be honest, they hate hose testing.

Third Party Validation

FireCatt's computer-controlled automated testing technology, combined with its patented method, ensures full compliance with NFPA 1930. As the ONLY system that eliminates human error, FireCatt confirms adherence to the NFPA1930 standard in every single test. Our process is designed for maximum accuracy, ensuring both hose integrity and safety throughout the testing process.

Reduce City Liability — Our repeatable process delivers valid, reliable results—providing the strongest defensible position in the event of loss or litigation.

Enhanced Documentation — Bar-coded labels simplify hose tracking, while our secure server stores reports for 24/7 access.

Improve ISO Rating — Eliminate hose testing concerns—after three consecutive years, you will achieve the highest possible ISO score.

Data — Reliable data to guide your operational and purchasing decisions with confidence.

Reduce Liability

Workers Compensation — Firefighters already face significant risks—do not add unnecessary, non-mission-critical dangers to their workload.

Eliminate Injuries — Eliminating injuries during hose testing directly reduces your risk exposure.

Save Equipment — Eliminate expensive pump repairs and test accurately to NFPA standards to ensure longer life of your hose and pump.

FireCatt Excellence

Accuracy of Testing – Valid Results

Knowledge — Our patented method and testing process was developed in collaboration with engineers, firefighters, and hose experts—ensuring precision, reliability, and compliance.

Proprietary Software — Our testing process is fully controlled by software, designed to meet the NFPA 1930 standard with precision in every test.

Mobile Test Labs — By using computers, we eliminate human error—while others rely on stopwatches and outdated bouncing needle gauges prone to human error.

Quality of Testing Equipment

Advanced Technology — Digital pressure transducers measure test pressures in fractions of second-driving accuracy and reliability throughout the process.

Separate Test Pressures — Mobile Test Labs can evaluate up to 10 different pressures in a single test cycle. Most apparatus require at least four test pressures, while some demand up to 10.

Pressurization — NFPA mandates pressurization at no more than 15 psi per second, along with hose boosting after stabilization. Our process is fully controlled by advanced computer technology, ensuring precise compliance.

Automated Pressure Release — Eliminate human risk during and after testing—dangerous pressure and energy are safely released through our automated remote relief valve.

Professional Service

Bar Code Labels — Tracking hose and data has never been easier.

Trained Technicians -

Unmatched in precision, coordinating logistics, repacking apparatus, ensuring a seamless test site experience, and receiving full support and training from upper management.



Fire Hose Testing

Precision is at the core of every fire hose test FireCatt completes.

Your trust in our results is our highest priority. We are committed to keeping firefighters, departments, and industrial companies safe from injury and liability. Our customers rely on us for total accuracy and peace of mind—and that is exactly what we deliver. A fire hose is not just equipment; it is a firefighter's lifeline.

The validity of our results stems from the unmatched quality of our Mobile Test Lab and advanced computer technology—ensuring 100% customer satisfaction. FireCatt's precision testing service is available nationwide!

While competitors still rely on turning manual dials and reading bouncing needle gauges, FireCatt's trained technicians operate cutting-edge Mobile Test Labs equipped with the nation's only patented computerized, automated, and OBJECTIVE hose testing technology. Others can only offer SUBJECTIVE testing, producing data that may lack reliability.

Competitive Advantages

Ability to SOLE SOURCE

Software Technology Ensures the NFPA 1930 Standard is followed every test.

Computer-Controlled Equipment

Control Hydrant Pressure to 45 psi

Automated Pressurization Ensures 15 psi/sec.

Computer-Controlled Pressure Boosting Back to Test Pressure

Air Actuated Valves

Automated Shut Down Eliminates Hose Catastrophic Risk

Digital Pressure Transducers

10 Manifolds — 10 Different Pressures

Large Diameter Lays Flat

Computer-Controlled Timing

Remote Automated Pressure

Release Bar Coded Labels

Patented Method



NFPA® 1930: Standard for the Inspection, Care and Use of Fire Hose, Couplings, Nozzles and the Service Testing of Fire Hose



3250 West Big Beaver Road, Suite 544, Troy, MI 48084 — 248-643-7200 — firecatt.com

Department	ABC Fire Department
Address	3250 West Big Beaver Road Ste 544 Troy, MI 48084
Phone	
Date	June 4, 2025
Key Contact	
Feet Tested	Hose - 8,410'



FIRE HOSE TEST SUMMARY REPORT

ZIP	Fire Department I D #	Station / Apparatus I D #	FIRE CATT Hose I D Number	Fire Department Hose I D Number	Manufacturer	Date of Manufacture	Date In Service	Size	Length	Pressure	Test Result	Reason for Failure	Reason for Removal from Service	Thread Type
46590	NA	Rack	1391	NA	Key	Mar-15	NA	5	100	200	PASS	NA	NA	STORZ
46590	NA	E-14-1	1395	NA	Key	Apr-15	NA	3	50	300	PASS	NA	NA	NST
46590	NA	Rack	1396	NA	Key	Apr-15	NA	3	50	300	PASS	NA	NA	NST
46590	NA	E-14-1	1397	NA	Key	Apr-15	NA	3	50	300	PASS	NA	NA	NST
46590	NA	E-14-1	1398	NA	Key	Apr-15	NA	3	50	300	PASS	NA	NA	NST
46590	NA	E-14-2	1399	NA	Key	Apr-15	NA	3	50	300	PASS	NA	NA	NST
46590	NA	E-14-2	1400	NA	Key	Apr-15	NA	3	50	300	PASS	NA	NA	NST
46590	NA	E-14-2	1401	NA	Key	Apr-15	NA	3	50	300	PASS	NA	NA	NST
46590	NA	E-14-2	1403	NA	Key	Apr-15	NA	3	50	300	PASS	NA	NA	NST
46590	NA	L-14	2531	NA	Angus	Mar-05	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	E-14-1	2536	NA	NAFH	Jan-12	NA	3	50	300	PASS	NA	NA	NST
46590	NA	Rack	2542	NA	Key	Feb-10	NA	3	50	300	PASS	NA	NA	NST
46590	NA	E-14-1	2543	NA	Key	Aug-01	NA	5	100	200	PASS	NA	NA	STORZ

ZIP	Fire Department I D #	Station / Apparatus I D #	FIRE CATT Hose I D Number	Fire Department Hose I D Number	Manufacturer	Date of Manufacture	Date In Service	Size	Length	Pressure	Test Result	Reason for Failure	Reason for Removal from Service	Thread Type
46590	NA	T-155	2549	NA	Key	Feb-10	NA	3	50	300	PASS	NA	NA	NST
46590	NA	T-155	2550	NA	Key	Feb-10	NA	3	50	300	PASS	NA	NA	NST
46590	NA	E-14-1	2551	NA	NAFH	Jan-12	NA	3	50	300	PASS	NA	NA	NST
46590	NA	Rack	2552	NA	Angus	Mar-05	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	E-14-1	2554	NA	Key	Feb-10	NA	3	50	300	PASS	NA	NA	NST
46590	NA	E-14-1	2556	NA	NAFH	Jan-12	NA	3	50	300	PASS	NA	NA	NST
46590	NA	E-14-1	2562	NA	Key	Feb-10	NA	3	50	300	PASS	NA	NA	NST
46590	NA	E-14-1	2564	NA	FireHoseDirect	Mar-18	NA	5	100	200	PASS	NA	NA	STORZ
46590	NA	E-14-1	2570	NA	FireHoseDirect	Mar-18	NA	5	100	200	PASS	NA	NA	STORZ
46590	NA	Rack	2571	NA	Ponn	Mar-91	NA	3	50	300	PASS	NA	NA	NST
46590	NA	Rack	2572	NA	Ponn	Mar-91	NA	3	50	300	PASS	NA	NA	NST
46590	NA	Rack	2574	NA	Ponn	Mar-91	NA	3	50	300	PASS	NA	NA	NST
46590	NA	E-14-1	2579	NA	NAFH	Nov-03	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	Rack	2580	NA	Angus	Mar-05	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	L-14	2582	NA	Angus	Mar-05	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	Rack	2584	NA	NAFH	Apr-00	NA	3	50	300	PASS	NA	NA	NST
46590	NA	Rack	2587	NA	Ponn	Mar-91	NA	3	50	300	PASS	NA	NA	NST

ZIP	Fire Department I D #	Station / Apparatus I D #	FIRE CATT Hose I D Number	Fire Department Hose I D Number	Manufacturer	Date of Manufacture	Date In Service	Size	Length	Pressure	Test Result	Reason for Failure	Reason for Removal from Service	Thread Type
46590	NA	Rack	2588	NA	Ponn	Mar-91	NA	3	50	300	PASS	NA	NA	NST
46590	NA	L-14	2593	NA	Angus	Mar-05	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	L-14	2595	NA	Angus	Mar-05	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	L-14	2597	NA	Angus	Mar-05	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	E-14-2	2598	NA	Angus	Mar-05	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	E-14-2	2601	NA	National	Apr-00	NA	3	50	300	PASS	NA	NA	NST
46590	NA	L-14	2602	NA	Key	Dec-97	NA	3	50	300	PASS	NA	NA	NST
46590	NA	L-14	2606	NA	Angus	Mar-05	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	E-14-1	2609	NA	Angus	Mar-09	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	L-14	2617	NA	NA	NA	NA	5	100	200	PASS	NA	NA	STORZ
46590	NA	L-14	2621	NA	Key	Aug-01	NA	5	100	200	PASS	NA	NA	STORZ
46590	NA	E-14-1	2627	NA	Angus	Mar-05	NA	3	50	300	PASS	NA	NA	NST
46590	NA	E-14-2	2638	NA	Angus	Mar-05	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	E-14-1	2646	NA	Angus	Mar-05	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	E-14-2	2652	NA	Angus	Mar-05	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	T-155	2653	NA	NAFH	Dec-04	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	E-14-2	2655	NA	Angus	Mar-05	NA	1 3/4	50	300	PASS	NA	NA	NST

ZIP	Fire Department I D #	Station / Apparatus I D #	FIRE CATT Hose I D Number	Fire Department Hose I D Number	Manufacturer	Date of Manufacture	Date In Service	Size	Length	Pressure	Test Result	Reason for Failure	Reason for Removal from Service	Thread Type
46590	NA	L-14	2656	NA	Angus	Mar-05	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	L-14	2660	NA	Key	Aug-10	NA	5	100	200	PASS	NA	NA	STORZ
46590	NA	L-14	2661	NA	Key	Aug-10	NA	5	100	200	PASS	NA	NA	STORZ
46590	NA	E-14-2	2670	NA	NAFH	Dec-04	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	E-14-2	2671	NA	Angus	Mar-05	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	L-14	2672	NA	Angus	Mar-05	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	Rack	2673	NA	NAFH	Nov-03	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	L-14	2677	NA	Key	Aug-10	NA	5	100	200	PASS	NA	NA	STORZ
46590	NA	T-155	2683	NA	NAFH	Dec-04	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	T-155	2686	NA	NAFH	Dec-04	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	T-155	2689	NA	NAFH	Dec-04	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	L-14	2692	NA	Angus	Mar-05	NA	3	50	300	PASS	NA	NA	NST
46590	NA	L-14	2694	NA	NAFH	Nov-11	NA	5	100	200	PASS	NA	NA	STORZ
46590	NA	T-155	2699	NA	NAFH	Dec-04	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	E-14-2	2700	NA	NAFH	Dec-04	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	T-155	2701	NA	NAFH	Dec-04	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	L-14	2703	NA	Key	Feb-10	NA	3	50	300	PASS	NA	NA	NST

ZIP	Fire Department I D #	Station / Apparatus I D #	FIRE CATT Hose I D Number	Fire Department Hose I D Number	Manufacturer	Date of Manufacture	Date In Service	Size	Length	Pressure	Test Result	Reason for Failure	Reason for Removal from Service	Thread Type
46590	NA	E-14-1	2850	NA	FireHoseDirect	Mar-18	NA	5	100	200	PASS	NA	NA	STORZ
46590	NA	E-14-1	2851	NA	FireQuip	Feb-19	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	E-14-1	2852	NA	FireQuip	Feb-19	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	Rack	2853	NA	FireQuip	Feb-19	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	L-14	2854	NA	FireQuip	Feb-19	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	Rack	2855	NA	FireQuip	Feb-19	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	Rack	2856	NA	FireQuip	Feb-19	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	L-14	2857	NA	FireHoseDirect	Aug-18	NA	3	50	300	PASS	NA	NA	NST
46590	NA	L-14	2858	NA	FireHoseDirect	Aug-18	NA	3	50	300	PASS	NA	NA	NST
46590	NA	Rack	2859	NA	FireQuip	Feb-19	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	E-14-1	2860	NA	FireQuip	Feb-19	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	E-14-1	3078	NA	FireHoseDirect	Aug-18	NA	3	50	300	PASS	NA	NA	NST
46590	NA	L-14	3180	NA	FireHoseDirect	Aug-18	NA	3	50	300	PASS	NA	NA	NST
46590	NA	L-14	3181	NA	FireHoseDirect	Aug-18	NA	3	50	300	PASS	NA	NA	NST
46590	NA	E-14-2	3187	NA	FireHoseDirect	Aug-18	NA	3	50	300	PASS	NA	NA	NST
46590	NA	E-14-2	3188	NA	All American	Jul-19	NA	5	100	200	PASS	NA	NA	STORZ
46590	NA	E-14-2	3189	NA	All American	Jul-19	NA	5	100	200	PASS	NA	NA	STORZ

ZIP	Fire Department I D #	Station / Apparatus I D #	FIRE CATT Hose I D Number	Fire Department Hose I D Number	Manufacturer	Date of Manufacture	Date In Service	Size	Length	Pressure	Test Result	Reason for Failure	Reason for Removal from Service	Thread Type
46590	NA	E-14-2	3190	NA	FireHoseDirect	Aug-18	NA	3	50	300	PASS	NA	NA	NST
46590	NA	E-14-2	3191	NA	FireHoseDirect	Aug-18	NA	3	50	300	PASS	NA	NA	NST
46590	NA	E-14-2	3192	NA	All American	Jul-19	NA	5	100	200	PASS	NA	NA	STORZ
46590	NA	E-14-2	3193	NA	All American	Jul-19	NA	5	100	200	PASS	NA	NA	STORZ
46590	NA	E-14-2	3194	NA	FireHoseDirect	Aug-18	NA	3	50	300	PASS	NA	NA	NST
46590	NA	E-14-2	3195	NA	All American	Jul-19	NA	5	100	200	PASS	NA	NA	STORZ
46590	NA	E-14-2	3196	NA	All American	Jul-19	NA	5	100	200	PASS	NA	NA	STORZ
46590	NA	E-14-2	3197	NA	All American	Jul-19	NA	5	100	200	PASS	NA	NA	STORZ
46590	NA	E-14-2	3198	NA	All American	Jul-19	NA	5	100	200	PASS	NA	NA	STORZ
46590	NA	Rack	3201	NA	Jafrib	NA	NA	5	100	200	PASS	NA	NA	STORZ
46590	NA	Rack	3202	NA	Key	Aug-01	NA	5	100	200	PASS	NA	NA	STORZ
46590	NA	Rack	3203	NA	FireHoseDirect	Mar-18	NA	5	100	200	PASS	NA	NA	STORZ
46590	NA	E-14-2	3204	NA	FireQuip	Feb-19	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	E-14-1	3205	NA	FireQuip	Feb-19	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	L-14	3206	NA	FireQuip	Feb-19	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	L-14	3207	NA	FireQuip	Feb-19	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	E-14-1	3208	NA	FireQuip	Feb-19	NA	1 3/4	50	300	PASS	NA	NA	NST

ZIP	Fire Department I D #	Station / Apparatus I D #	FIRE CATT Hose I D Number	Fire Department Hose I D Number	Manufacturer	Date of Manufacture	Date In Service	Size	Length	Pressure	Test Result	Reason for Failure	Reason for Removal from Service	Thread Type
46590	NA	E-14-1	3209	NA	FireHoseDirect	Mar-18	NA	5	100	200	PASS	NA	NA	STORZ
46590	NA	Rack	3210	NA	FireHoseDirect	Mar-18	NA	5	100	200	PASS	NA	NA	STORZ
46590	NA	T-155	3212	NA	FireHoseDirect	Aug-18	NA	3	50	300	PASS	NA	NA	NST
46590	NA	E-14-1	3213	NA	FireQuip	Feb-19	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	Rack	3214	NA	FireQuip	Feb-19	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	Rack	3216	NA	FireQuip	Feb-19	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	L-14	3217	NA	FireQuip	Feb-25	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	E-14-1	4436	NA	NA	NA	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	L-14	5377	NA	Key	Dec-15	NA	5	100	200	PASS	NA	NA	STORZ
46590	NA	L-14	5378	NA	Key	Dec-15	NA	5	100	200	PASS	NA	NA	STORZ
46590	NA	E-14-1	7576	NA	FireQuip	Aug-17	NA	5	100	200	PASS	NA	NA	STORZ
46590	NA	E-14-1	7577	NA	FireQuip	Aug-17	NA	5	100	200	PASS	NA	NA	STORZ
46590	NA	E-14-1	7578	NA	FireQuip	Aug-17	NA	3	50	300	PASS	NA	NA	NST
46590	NA	T-155	7579	NA	FireQuip	Aug-17	NA	3	50	300	PASS	NA	NA	NST
46590	NA	E-14-1	7580	NA	FireQuip	Dec-17	NA	1 3/4	10	300	PASS	NA	NA	NST
46590	NA	Rack	7581	NA	FireQuip	Dec-17	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	E-14-2	7582	NA	FireQuip	Dec-17	NA	1 3/4	50	300	PASS	NA	NA	NST

ZIP	Fire Department I D #	Station / Apparatus I D #	FIRE CATT Hose I D Number	Fire Department Hose I D Number	Manufacturer	Date of Manufacture	Date In Service	Size	Length	Pressure	Test Result	Reason for Failure	Reason for Removal from Service	Thread Type
46590	NA	E-14-1	7584	NA	FireQuip	Dec-17	NA	1 3/4	10	300	PASS	NA	NA	NST
46590	NA	Rack	7587	NA	FireQuip	Dec-17	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	E-14-2	7588	NA	FireQuip	Dec-17	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	E-14-2	7589	NA	Angus	Mar-05	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	E-14-1	7590	NA	FireQuip	Aug-17	NA	3	50	300	PASS	NA	NA	NST
46590	NA	E-14-1	7591	NA	FireQuip	Aug-17	NA	3	50	300	PASS	NA	NA	NST
46590	NA	E-14-2	7592	NA	FireQuip	Dec-17	NA	1 3/4	10	300	PASS	NA	NA	NST
46590	NA	E-14-2	7593	NA	FireQuip	Dec-17	NA	1 3/4	10	300	PASS	NA	NA	NST
46590	NA	Rack	7594	NA	FireQuip	Dec-17	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	L-14	7595	NA	FireQuip	Dec-17	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	E-14-2	7596	NA	FireQuip	Dec-17	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	Rack	7598	NA	FireQuip	Dec-17	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	E-14-2	7600	NA	FireQuip	Aug-17	NA	3	50	300	PASS	NA	NA	NST
46590	NA	E-14-2	7601	NA	FireQuip	Aug-17	NA	3	50	300	PASS	NA	NA	NST
46590	NA	E-14-2	7602	NA	FireQuip	Aug-17	NA	3	50	300	PASS	NA	NA	NST
46590	NA	L-14	7603	NA	FireQuip	Aug-17	NA	5	100	200	PASS	NA	NA	STORZ
46590	NA	L-14	7604	NA	FireQuip	Aug-17	NA	5	100	200	PASS	NA	NA	STORZ

ZIP	Fire Department I D #	Station / Apparatus I D #	FIRE CATT Hose I D Number	Fire Department Hose I D Number	Manufacturer	Date of Manufacture	Date In Service	Size	Length	Pressure	Test Result	Reason for Failure	Reason for Removal from Service	Thread Type
46590	NA	L-14	7605	NA	FireQuip	Dec-17	NA	1 3/4	10	300	PASS	NA	NA	NST
46590	NA	Rack	7606	NA	FireQuip	Dec-17	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	L-14	7607	NA	FireQuip	Aug-17	NA	3	50	300	PASS	NA	NA	NST
46590	NA	E-14-1	7608	NA	FireQuip	Dec-17	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	L-14	7610	NA	FireQuip	Dec-17	NA	1 3/4	10	300	PASS	NA	NA	NST
46590	NA	L-14	7612	NA	FireQuip	Dec-17	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	Rack	7613	NA	FireQuip	Dec-17	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	E-14-1	7614	NA	FireQuip	Dec-17	NA	1 3/4	50	300	PASS	NA	NA	NST
46590	NA	Rack	2532	NA	NAFH	Dec-04	NA	1 3/4	50	300	FAIL	Pin Holes	Failed Test	NST
46590	NA	E-14-2	2555	NA	Angus	Mar-05	NA	3	50	300	FAIL	Bulge	Failed Test	NST
46590	NA	Rack	2611	NA	Ponn	Mar-91	NA	3	50	300	FAIL	Leaking Jacket	Failed Test	NST
Total Feet Tested									8410					



US010450148B2

(12) **United States Patent**
Radecky et al.

(10) **Patent No.:** **US 10,450,148 B2**

(45) **Date of Patent:** **Oct. 22, 2019**

(54) **CONVEYOR SYSTEM**

USPC 198/860.1, 861.1; 242/533.8, 535.4,
242/541.3

(71) Applicant: **Fire Catt, LLC, Troy, MI (US)**

See application file for complete search history.

(72) Inventors: **Marc Radecky, Troy, MI (US);**
Zachary Savas, Bloomfield Hills, MI
(US)

(56) **References Cited**

U.S. PATENT DOCUMENTS

(73) Assignee: **Fire Catt, LLC, Troy, MI (US)**

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

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242/530.2

(21) Appl. No.: **15/954,314**

(22) Filed: **Apr. 16, 2018**

(65) **Prior Publication Data**

US 2018/0297790 A1 Oct. 18, 2018

(Continued)

Related U.S. Application Data

(60) Provisional application No. 62/486,201, filed on Apr.
17, 2017.

(51) **Int. Cl.**
B65G 47/80 (2006.01)
B65G 15/28 (2006.01)
B65G 41/00 (2006.01)
B65G 21/12 (2006.01)

(52) **U.S. Cl.**
CPC **B65G 47/80** (2013.01); **B65G 15/28**
(2013.01); **B65G 41/002** (2013.01); **B65G**
21/12 (2013.01); **B65G 41/005** (2013.01);
B65G 41/008 (2013.01); **B65G 2201/0217**
(2013.01); **B65G 2201/0232** (2013.01); **B65G**
2201/0276 (2013.01); **B65G 2812/14** (2013.01)

(58) **Field of Classification Search**
CPC **B65G 47/80**; **B65G 41/008**; **B65G 15/28**;
B65H 29/00; **B65H 20/006**; **B65H 29/16**

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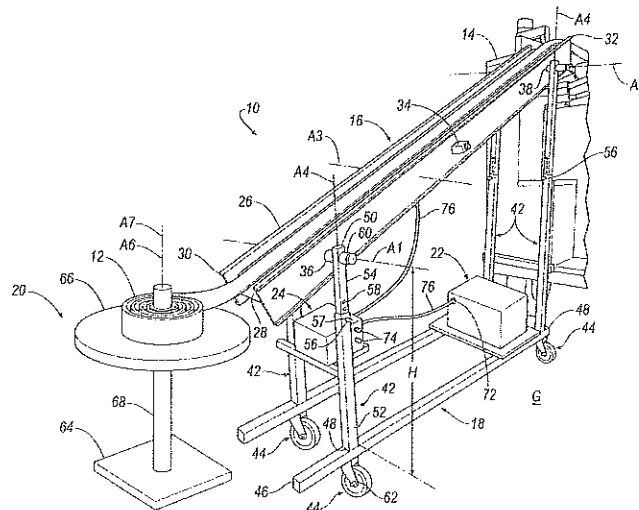
Primary Examiner — James R Bidwell

(74) *Attorney, Agent, or Firm* — Honigman LLP

(57) **ABSTRACT**

A conveyor system includes a conveyor, a support structure, and a staging structure. The conveyor includes a proximal end and a distal end and is operable to move an item from the proximal end to the distal end. The support structure includes a first leg and a second leg. The first leg supports the proximal end of the conveyor. The second leg supports the distal end of the conveyor. The staging structure is disposed at the proximal end of the conveyor and includes a turntable operable to rotate about a first axis.

20 Claims, 1 Drawing Sheet





US008554497B2

(12) **United States Patent**
Hamilton et al.

(10) **Patent No.:** **US 8,554,497 B2**
(45) **Date of Patent:** **Oct. 8, 2013**

(54) **FIRE HOSE TESTING APPARATUS AND METHOD**

(75) Inventors: **David Hamilton**, Erie, PA (US); **Dennis Zeiber**, Erie, PA (US)

(73) Assignee: **Fire Catt LLC**, Troy, MI (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 536 days.

(21) Appl. No.: **12/057,342**

(22) Filed: **Mar. 27, 2008**

(65) **Prior Publication Data**

US 2009/0248324 A1 Oct. 1, 2009

(51) **Int. Cl.**
G01F 1/00 (2006.01)

(52) **U.S. Cl.**
USPC **702/47; 702/51; 702/50; 702/82; 73/37; 73/40; 73/40.5 R**

(58) **Field of Classification Search**
USPC **702/47, 51, 50, 82; 73/37, 40, 40.5 R**
See application file for complete search history.

(56) **References Cited**

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Primary Examiner — Sujoy Kundu

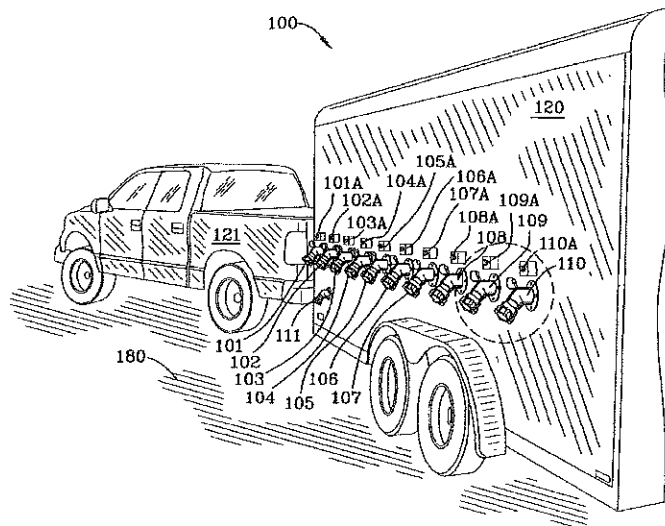
Assistant Examiner — Hyun Park

(74) *Attorney, Agent, or Firm* — Woodling, Krost and Rust

(57) **ABSTRACT**

A method for testing a plurality of fire hoses having respective service test pressures and the test apparatus therefor wherein each hose is required to maintain a test pressure for a specified duration to pass the test. The test pressure is proportional to the service test pressure. Each hose is coupled to a respective hose fitting of a respective branch test conduit. Each branch test conduit includes an isolation valve, a pressure transducer, and a hose fitting downstream of the isolation valve. A variable frequency-variable speed controls a motor which drives a positive displacement water pump supplying water to and pressurizing a water header conduit and a plurality of branch test conduits interconnected therewith. An algorithm applied to the error signal for a respective hose line generates a pump speed command limited by the controller to regulate the rate of increase of pump output pressure.

2 Claims, 14 Drawing Sheets



FireFlow Services Inc.
500 Campus Drive Suite C
Mount Holly, NJ 08060
6092888486
www.fireflowservices.com



ADDRESS

Miami County Fire District #1
209 S Pearl Street
Paola, KS 66071

QUOTE # 6413

DATE 05/29/2026

EXPIRATION DATE 11/30/2026

Testing:Hose Testing	37,300	0.75	27,975.00
Annually Fire Hose Testing			
Perform fire hose testing per NFPA 1962 standards			
Fuel Surcharge:Fuel surcharge - Hose Division	3,000	0.85	2,550.00
Fuel surcharge - Price per mile (Round Trip)			

Thank for your business and we now are accepting ACH payments.
Click on REVIEW and PAY
If you need an Aerial Test please contact our Sub-Contractor Aerial
Testing Company to receive FireFlow customer pricing.
ATC - (800) 237-1197

SUBTOTAL	30,525.00
TAX	0.00
TOTAL	\$30,525.00

Accepted By

Accepted Date

MIAMI COUNTY
STAFF REQUEST FOR COMMISSION ACTION

SUBMITTED BY: Mark Whelan	REQUESTED MEETING DATE: June 17, 2026
DEPARTMENT: Sheriff	REQUESTED MEETING: June 17 BOCC Agenda
CONTACT INFORMATION: mwhelan@sheriffmiamicountyks.gov	PROJECT / REFERENCE NUMBER: Replacement of UPS batteries at radio towers

AGENDA SUBJECT:
UPS battery replacement at 800 public safety radio tower locations.

AGENDA SUBJECT BACKGROUND / DESCRIPTION:

The UPS batteries installed during tower construction are needing to be replaced. They normally have a 7 to 10 year life span with proper maintenance. One battery failed and had to be replaced this month. Failure point for the batteries occurs when they fall below 70% strength. These batteries receive maintenance every 6 months. The UPS insures that the power to the equipment stays consistent and will run the tower for a short period of time if the generator fails to start.

REQUESTED ACTION / STAFF RECOMMENDATION:

Recommend a 3-year approach to replacement. Replace batteries at two towers a year beginning in 2027. Cost in 2027 for replacement is \$23,228.80. Prices may be increased in 2028 and 2029 due to increased material and labor prices.

BUDGET INFORMATION:

Funds would come from the radio budget under Emergency Management.

Mark Whelan

06/11/2026

APPROVALS:

Mark Whelan	Created/Initiated - 06/11/2026
Shane Krull	Final Approval - 06/11/2026



Date: 06-02-2026
To: Miami County Sheriffs Department
 Accounts Payable
 209 South Pearl Street
 Paola , Kansas 66071

QUOTE

Quote number: TDM26-0216

We appreciate the opportunity to provide a quote for the following scope of work:

Quote includes replacement of batteries at two sites annually beginning in 2026. Battery and labor pricing is based on current rates and is subject to change.

Item #	Description	QTY	Unit Price	Total
1	Labor (One Power) - Labor - 2 Techs for 8 Hours Each	16	\$120.00	\$1,920.00
2	Material - Battery - 12V190F + Shipping	32	\$665.90	\$21,308.80

Tax: \$0.00
Total Quote: \$23,228.80

Respectfully,

Thomas Mack
 Project Manager

MIAMI COUNTY

STAFF REQUEST FOR COMMISSION ACTION

SUBMITTED BY: Mark Whelan	REQUESTED MEETING DATE: June 17, 2026
DEPARTMENT: Administration	REQUESTED MEETING: June 17 BOCC Agenda
CONTACT INFORMATION: mwhelan@sheriffmiamicountyks.gov	PROJECT / REFERENCE NUMBER: MIFD#1 apparatus purchases.

AGENDA SUBJECT: MIFD#1 Engine and Brush Units.

AGENDA SUBJECT BACKGROUND / DESCRIPTION: 3 brush units (Fontana, Osawatomie and Paola) are due for replacement due to age and/or condition of the vehicle. Requesting permission to either send out a RFP or check the HGAC agreement for prices. At BOCC Chair Pretz request, I have priced trying to build vehicles ourselves. Cost today would be around \$127K, but that doesn't include installation of components or staff time. 3 engines (Louisburg, Osawatomie and Paola) are due for replacement in 2027,2028,2029. Lead time for the build is around 3 years if ordered today. 2027 EPA mandates will add \$100,000.00 to costs if ordered in 2027 or later. If we order today via RFP or HGAC agreement, we can save the \$100K amount by securing a 2026 engine. Payment would be due at delivery. We may have enough in the capital budget to pay for the vehicles or could finance via a bond issue or lease purchase agreement at the board's discretion. REQUESTED ACTION / STAFF RECOMMENDATION: Request to develop a RFP or allow for the use of the HGAC agreement. The HGAC agreement was used to purchase the Fontana Tender. BOCC allowed bypassing the normal RFP process for this purchase.
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BUDGET INFORMATION: Payment would be due at delivery. We may have enough in the capital budget to pay for the vehicles or could finance via a bond issue or lease purchase agreement at the board's discretion.

Mark Whelan

06/11/2026

APPROVALS:	
Mark Whelan	Created/Initiated - 06/11/2026
Shane Krull	Final Approval - 06/11/2026