



**Public Hearing
Council Chamber**

**July 7, 2022
7:00 P.M.**

A. Lot at Bluffs at River Crest (Rezoning PS to R4)

Zoom Link – Internet Audio/Video:

https://us02web.zoom.us/j/88603683406?pwd=yvJKHi6MywoFi5_HH7HV4Pu6n_CkL9.1

Dial-in Number: 312 626 6799

Meeting ID: 886 0368 3406

Passcode: 969424

AMENDED AGENDA

1. Pledge of Allegiance and Opening Prayer
2. Roll Call
3. Business from the Floor
4. Consent Agenda
 - A. Regular Council Meeting Minutes from **June 2, 2022**
 - B. Payroll Warrant **#T00248 In the Amount of \$309,992.89**
 - C. Payroll Warrant **#T00251 In the Amount of \$366,250.37**
 - D. Payroll Warrant **#T00262 In the Amount of \$333,931.97**
 - E. General Warrant **#5812 In the Amount of \$1,459,218.51**
 - F. General Warrant **#5813 In the Amount of \$427,447.60**
5. Ordinances:
 - A. **Bill # 2829** An Ordinance Approving Rezoning From “PS” Parks and Scenic District to “R-4” Residence District for a Tract of Land Related to 1626 Twin Oaks Five, A Tract of Land Located in U.S. Survey 2991, Township 43 North, Range 5 East, Jefferson County, Missouri.
6. Resolutions:
 - A. **Resolution # 22-35** A Resolution Authorizing the Filing of an Application with the Missouri Department of Natural Resources, Financial Assistance Center’s State ARPA

Grant Programs for Subaward of Federal Financial Assistance Provided to the State of Missouri by the U.S. Department of the Treasury ("Treasury") pursuant to Section 602 (b) of the Social Security Act, as added by Section 9901 of the American Rescue Plan Act, (Pub. L. No. 117-2 (March 11, 2021), 135 Stat. 4, 223-26.

- B. **Resolution # 22-36** A Resolution Modifying the Pay Structure for Robert K. Sweeney, LLC, City Attorney.
- C. **Resolution # 22-37** A Resolution Appointing Paul Buffa to the Veterans Commission
- D. **Resolution # 22-38** A Resolution Appointing Mary Ellan Cox to the Police Personnel Board
- E. **Resolution # 22-39** A Resolution Approving the Lease Contract with Konica Minolta Copier
- F. **Resolution # 22-40** A Resolution Approving Laserfiche Software Renewal
- G. **Resolution # 22-41** A Resolution Authorizing A Contract with Jefferson College Law Enforcement Academy
- H. **Resolution # 22-42** A Resolution Authorizing the Mayor to Enter into a Contract with Heneghan and Associates, P.C. to Provide Design and Construction Engineering Services for the Retaining Walls on Church Road and Arnold Tenbrook Road.
- I. **Resolution # 22-43** A Resolution Approving the Purchase of Three Vehicles Through the Enterprise Fleet Management Program.

7. Motions:

8. Reports from Mayor and Council Administrative Reports:

9. Administrative Reports

10. Adjournment

Upon request, reasonable accommodations will be provided. Contact Tammi Casey, City Clerk, Arnold City Hall, 2101 Jeffco Boulevard, Arnold, Missouri 63010. Phone: 636-296-2100

RESOLUTION NO: 22-42

A RESOLUTION AUTHORIZING THE MAYOR TO ENTER INTO A CONTRACT WITH HENEGHAN AND ASSOCIATES, P.C. TO PROVIDE DESIGN AND CONSTRUCTION ENGINEERING SERVICES FOR THE RETAINING WALLS ON CHURCH RD AND ARNOLD TENBROOK RD.

BE IT RESOLVED by the Council of the City of Arnold, Missouri, that the Mayor be, and is hereby authorized to enter into a contract with Heneghan and Associates, P.C. to provide design and construction engineering for the Church Rd and Arnold Tenbrook Rd retaining walls in the amount not to exceed \$135,300 for the City of Arnold.

A copy of said contract is attached hereto and made a part hereof reference.

Presiding Officer of the City Council

Mayor Ron Counts

ATTEST:

City Clerk Tammi Casey

Date: _____



HENEGHAN AND ASSOCIATES, P.C.

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TO: City of Arnold
2900 Arnold Tenbrook Road
Arnold, MO 63010
Attn: Judy Wagner, P.E., Public Works
Director

PHONE: (636) 282-6650

FROM: Curtis A. Westrich, P.E.

FILE NO.: 80128-201-P

DATE: July 1, 2022

FAX: (636) 282-2394

CELL: _____

WORK ORDER

On _____, 2022, Heneghan and Associates, P.C. was verbally instructed by
Judy Wagner to perform certain professional services. The scope of work
 outlined and understood by us as follows:

Church Road & Arnold Tenbrook Road Wall Improvements Project

See The Attached Proposal Dated July 1, 2022.

Total ESTIMATED FEE FIXED FEE Amount of compensation \$ 135,300

Price Quote is good for 30 days.

Please sign and return to our office, the enclosed copy of the Work Order if the information contained herein is in accordance with your instructions. By signing this Work Order you guarantee to make full payment prior to release of our work product (plats, plans, etc.) unless agreed to in writing prior to commencement of work.

Professional services contained herein can be expected to begin upon receipt of the signed Work Order and a Retainer Fee of \$ _____

The services defined in this Work Order are governed by the General Conditions on Page 2 of this Work Order. Please read and agree to the General Conditions before signing below.

Sincerely, Curtis A. Westrich, P.E.
 Heneghan and Associates, P.C.

Accepted and Payment Guaranteed by:

 Title: _____
 Date: _____

Curtis A. Westrich

 Title: Project Manager
 Date: July 1, 2022

800 Broadway, Suite 3
 Mt. Vernon, IL 62864
 (P) 618-533-6525
 (F) 618-533-6652

310A Vision Drive
 Columbia, IL 62236
 (P) 618-281-8133
 (F) 618-281-8290

1004 State Highway 16
 Jerseyville, IL 62052
 (P) 618-498-6418
 (F) 618-498-6410

1929 Richardson Road
 Arnold, MO 63010
 (P) 636-464-3610
 (F) 636-464-2059

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GENERAL CONDITIONS

BY SIGNING THE FIRST PAGE OF THIS WORK ORDER, YOU ARE STATING YOU ARE IN AGREEMENT WITH THE FOLLOWING:

INDEMNIFICATION: The Client shall indemnify and hold harmless **HENEGHAN AND ASSOCIATES, P.C. (HA)** and all of its personnel from and against any and all claims, damages, losses and expenses (including reasonable attorney fees) arising out of or resulting from the performance of services, provided that any such claim, damage, loss or expense is caused in whole or in part by the negligent act, omission, and/or strict liability of the Client, anyone directly or indirectly employed by the Client, or anyone for whose acts any of them may be liable.

TERMS OF PAYMENT: Unless otherwise provided for in this contract **HA** will submit monthly invoices for work which has been completed. Each invoice is due and payable within 30 days of invoice date, after which it will be deemed Past Due. Any Past Due invoice will be assessed a late charge of 1-1/2% per month, or fraction of a month, or the highest lawful interest rate of the state in which the Client's office is located. If the invoice becomes 60 days Past Due, work on the project will be stopped until the balance is paid in full including charges for any unbilled work done. **HA** retains the right to file a lien against the property if the invoice is 90 days or more Past Due. Fees are due and payable as outlined above and are in no way contingent on the Client obtaining funding or receiving funds from others. All documents and information including, but not limited to, Elevation Certificates, Plats of Survey, Blueprints, and Photocopies will not be released until invoices are paid in full.

ATTORNEY'S FEES: In the event that there is a default under this Agreement and it becomes necessary for **HA** to employ the services of an attorney either to enforce or to terminate this agreement, with or without litigation, or file a lien, the Client shall pay **HA's** reasonable attorney fees, court costs, recording or filing costs, and any other expenses as are incurred in enforcing or terminating this agreement or filing a lien.

BILLING INFORMATION

STANDARD TIME BASIS: Fees for professional and/or technical services which are to be performed in connection with any project on **HA** Standard Time-Basis will be calculated as follows:

Charges shall be equal to total of (a) "Direct Hourly Rates", (b) "Reimbursable Expenses", (c) 110% of "Subcontract Expenses".

"Reimbursable Expenses" are defined as actual non-labor expenditures incurred on the project, including transportation, subsistence and other travel expenses, toll calls, printing of specifications, reproductions, blue prints, mailing and similar items.

"Sub-contract Expenses" are defined as expenditures for specialized outside services, such as sub-consultants, special studies, professional estimators, explorations, aerial surveys, computer services, renderings, models, ownership searches, soil boring, soil testing, materials testing, and similar items.

ESTIMATES OF FEES, BASED ON HOURLY RATE: If an estimate of **HA's** fee is stated in this Proposal, the estimate shall not be considered a firm figure.

FEES BILLED AS A PHASED FIXED FEE: Phased Fixed Fee billings for professional services will be based upon **HA's** estimate of the proportion of the total services actually completed at the time of billing.

RESPONSIBILITY OF HA: Basic services and associated responsibilities shall be in accordance with the terms and conditions outlined in the 2014 (or latest) edition of the Engineers Joint Contract Documents Committee (EJCDC) E-500 Agreement documents set.

RESPONSIBILITY OF CLIENT: Services and associated responsibilities shall be in accordance with terms and conditions outlined in the 2014 (or latest) edition of the Engineers Joint Contract Documents Committee (EJCDC) E-500 Agreement documents set.

CONSTRUCTION OBSERVATION: If, as a part of this contract, **HA** is providing construction observation, **HA** shall make visits to the construction site to observe the progress and quality of the contractor's(s') work to determine in general if such work is proceeding in accordance with the contract documents. **HA** shall not be required to make exhaustive or continuous on-site inspections to check quality or quantity of such work. **HA** shall not be responsible for the means, methods, techniques, sequences or procedures of construction or of the safety precautions and programs incident to the work of the contractor. **HA** does not warrant or guarantee contractor's(s') work, and shall not be responsible for the failure of contractors to perform the work in accordance with the construction documents.

CONSTRUCTION ESTIMATES: **HA** does not guarantee its opinions of probable construction cost. If the Client wishes greater assurance as to probable construction costs or if the Client wishes formal estimates, an independent Cost Estimator should be employed. The Client shall advise **HA** in writing at an early date the budgetary limitations for the overall project cost or construction cost. **HA** will endeavor to work within those limitations. If requested, **HA** will periodically submit opinions as to the probable construction cost.

SURVEY ESTIMATE: The reason for such a large range in the survey cost estimate is due to the fact that most, if not all, of the property corners should be monumented; however, it is not known if all of these corners are still in place. The additional expense will be necessary if some of the corners are difficult to find, or if they have been destroyed. If difficult to find, we will have to establish control points and calculate a location; if they are destroyed or missing, we will have to re-establish them.

LIMITATION OF LIABILITY: The Client agrees to limit the Design Professional's liability to the Owner and to all construction contractors and subcontractors on the project due to the Design Professional's negligent acts, errors, or omissions, such that the total aggregate liability of the Design Professional to all those named shall not exceed the total fee for services rendered under this Agreement, or \$50,000, whichever is greater.

CONTRACTOR'S INSURANCE: If, as part of this Agreement **HA** is to prepare bid documents and/or owner-contractor contracts, the Client will provide **HA** with all information as to insurance requirements to be carried by the construction contractor(s), if the Client does not provide this information to **HA** in a timely fashion **HA** will provide in the bid documents a set of insurance requirements which in the opinion of **HA** may be appropriate for the job. Inasmuch as **HA** is not in the business of advising on insurance matters, **HA** does not guarantee the amount of insurance specified will be sufficient. The Client will hold **HA** harmless in the event of any loss suffered as a result of insufficient insurance coverage.

MEDIATION: In an effort to resolve any conflicts that arise during the design and construction of the project or following the completion of the project, the client and **HA** agree that all disputes between them arising out of or relating to this Agreement or the project shall be submitted to nonbinding mediation. The client and **HA** further agree to include a similar mediation provision in all agreements with independent contractors and consultants retained for the project and to require all independent contractors and consultants also to include a similar mediation provision in all agreements with their subcontractors, subconsultants, suppliers, and fabricators, thereby providing for mediation as the primary method for dispute resolution among the parties to all those agreements. The costs associated with mediation shall be equally split 50/50 between the two parties.

REUSE OF DOCUMENTS: All documents including, but not limited to, drawings, specifications, and electronic media furnished by **HA** pursuant to this Agreement are instruments of this service in respect of the project. They are not intended or represented to be suitable for reuse by **HA** or others on extensions of the project or on any other project. Any reuse without specific written verification or adaptation by **HA** will be at Client's sole risk and without liability or legal exposure to **HA** and Client shall indemnify and hold harmless **HA** from all claims, damages, losses and expenses including attorney's fees arising out of or resulting there from. Any such verification or adaptation will entitle **HA** to further compensation at rates to be agreed upon by Client and **HA**.

TERMINATION: This Agreement is subject to termination by Client or **HA** should the other fail to perform its obligations hereunder. In the event of any termination, **HA** will be paid for all services rendered to the date of termination, including all sub-consultant/sub-contractor expenses, all reimbursable expenses, and all reimbursable termination expenses, including reasonable attorney fees, court costs, recording or filing costs, and any other expenses as are incurred in enforcing or terminating this agreement.

MISCELLANEOUS: If the Client issues a Purchase Order of which this Proposal becomes a part, then the terms of this Proposal will take precedence in the event of conflict of terms. This document shall be governed by the laws of the State of Missouri. In the event that any part of this document is held invalid to any court of competent jurisdiction the remainder of the Agreement shall remain in full force and effect.



HENEGHAN AND ASSOCIATES, P.C.

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July 1, 2022

City of Arnold
2900 Arnold Tenbrook Road
Arnold, MO 63010

Attn: Ms. Judy Wagner, P.E., Public Works Director

RE: Church Road & Arnold Tenbrook Road Wall
Improvements Project
H&A Project No. 80128-201 P

Ms. Wagner:

As requested, Heneghan and Associates (H&A) is pleased to provide the City of Arnold with a proposal to provide civil engineering, surveying, and construction services for the Church Road Wall and Arnold Tenbrook Wall improvement projects. The project work consists of replacing the existing Church Road segmental block retaining wall with an L-Type Concrete retaining wall and replacement of the concrete gutter behind the Arnold Tenbrook retaining wall.

The proposed Scope of Work and the breakdown of the associated fees for the requested services for this project are listed below. A formal Work Order is attached for execution by the City of Arnold. Our work will be provided on a time-and-material basis and will be invoiced monthly in accordance with our manhours/expenses rates in effect at the time of the accrued manhour/expense (current rate sheet attached).

BASIC SERVICES:

1a. Church Rd Wall Design Services(<i>time-and-materials</i>)	\$ 70,200.00
1b. Church Rd Wall Construction Services (<i>time-and-materials</i>)	\$ 42,800.00
2a. Arnold Tenbrook Wall Design Services (<i>time-and-materials</i>).....	\$ 7,000.00
2b. Arnold Tenbrook Wall Construction Services (<i>time-and-materials</i>)	\$ 15,300.00
Basic Services Total	\$ 135,300.00

The following is a description of the various services included in the fees listed above. It also lists the qualifications, assumptions, and exclusions used in developing these fee amounts. The Scope of Work for this project has been developed from correspondence, meetings, conversations, and as further specified below.

1a. Church Road Wall Design Services

Removal of the segmental block retaining wall # 8 on the south side of Church Road at Stardust Dr and replacement with an L-Type Concrete retaining wall. The project improvements consists of adding PCC gutter and fence behind the new cast-in-place concrete wall. Ulinger Lane and the existing residence

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(F) 618-281-8290

□ 1004 State Highway 16
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□ 1929 Richardson Road
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driveway will remain in place so that the residence is able to have access throughout the project's construction. Preliminary and final plans will be prepared to get Arnold input as the project progresses. MECO will be providing structural engineering services for the retaining wall design/construction documents (\$23,700). Shannon & Wilson will be providing a global stability analysis of the proposed retaining wall solution (\$4,400) see attached proposal. H&A will be providing the partial boundary and topographic survey (\$11,900) see attachment A for the detailed scope of work. H&A will provide legal descriptions and exhibits for 2 Temporary Construction Easements (\$1,000). H&A will provide the civil site plan/grading plan, utility coordination, submittals, etc. (\$29,200).

1b. Church Road Wall Construction Services

The construction services include preparation of Front End Documents, bidding assistance, construction staking, construction observation, construction testing/reporting, and management/coordination. MECO will be providing structural inspection services (\$9,800). Shannon & Wilson will be providing construction testing/reporting (\$16,600) see attached proposal. H&A will be providing Front End Documents, opinion of probable construction costs, bidding assistance, minimal construction observation, and management/coordination (\$13,600). H&A will be providing construction staking/layout services (\$2,800) see attachment A for the detailed scope of work.

2a. Arnold Tenbrook Wall Design Services

Concrete retaining wall on the north side of Arnold Tenbrook Road at Friend Tree Ln...the project improvements consists of reconstructing the PCC gutter behind the wall which has settled significantly, minor lawn regrading to match new gutter elevation, and minor inlet repair. The selected option for this project consists of removing the existing concrete gutter, construction of a new 3' concrete gutter and fill of the lawn area to ensure drainage to the gutter and the existing inlet. H&A will be providing the design of the improvements (\$7,000) utilizing surveying completed in the conceptual phase of this project.

2b. Arnold Tenbrook Wall Construction Services

The construction services include preparation of Front End Documents, opinion of probable construction costs, bidding assistance, construction staking, construction observation, construction testing/reporting, and management/coordination. Shannon & Wilson will be providing construction testing/reporting (\$4,000). H&A will be providing Front End Documents and bidding assistance (\$9,300). H&A will be providing construction staking/layout services (\$2,000) see attachment A for the detailed scope of work.

INFORMATION TO BE PROVIDED BY THE CLIENT:

The following information will need to be provided to us by the Client:

1. A copy of the recorded deed(s) for the properties.
2. A Title Commitment Report for the properties including copies of the easement documents referenced therein.
3. Easement Documents for Church Road and Arnold Tenbrook sites.
4. Plans, maps, and/or other information for the adjacent ROW lines for Church Road and Arnold Tenbrook Road.
5. Arnold Tenbrook Wall plans for original construction. We do not propose to analyze the wall for the replaced fill in this project since that was the original design.

ADDITIONAL SERVICES:

The following services and any other services that are not defined above are not included in the fee amounts listed above. These or any other additional services not specified herein that become necessary as part of the project would be considered additional services and may be provided by executing a Change in Scope of Services form outlining the additional scope and fees. All request for additional services agreed to verbally or via email shall also be considered an approved Change in Scope of Services:

- A complete Boundary Survey of the site or all adjacent lots. Only the property lines pertinent to the project as shown outlined in red on the attached GIS map.
- Staking of property corners or points along property lines.
- Contracting or coordination with utility companies or a third-party contractor to mark, excavate, or “pothole” any underground utilities.
- Additional geotechnical engineering, including soil borings, testing, or reports.
- Permitting services.
- Any wetlands, mitigation plans, and related issues for the Corps of Engineers 404 permit or an EPA 401 permit.
- Cultural resources, demographic or archaeology studies.
- Major revisions to the Preliminary Plans that may be required by the City.
- Technical specifications other than the notes on the construction plans.
- New ROW documents or assistance with ROW acquisition.
- New Easement acquisition services
- Easements other than two temporary construction easements 1) adjacent to the Church Road ROW 2) adjacent to the Arnold Tenbrook Road ROW.
- Construction services including construction administration, full-time construction observation, RFIs, change orders, etc.
- Additional Bid Lettings (one included for the two separate projects).

We are very grateful for the opportunity to be of continued service to the City of Arnold and we trust that this proposal will meet your needs and budget. For your convenience, we have enclosed our Work Order for your execution. Receipt of the signed Work Order shall serve as our notice to proceed. If you need any further information, or if you have any questions, please do not hesitate to call.

Sincerely,
HENEGHAN AND ASSOCIATES, P.C.

Curtis A. Westrich
Curtis A. Westrich, P.E.
Project Manager

c. H&A File 80128-201-P



HENEGHAN AND ASSOCIATES, P.C.

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Professional Services Rates

Effective July 1, 2022

	<u>Per Hour</u>
Administrative Technician I	\$55.00
Administrative Technician II	75.00
Administrative Technician III	82.00
Administrative Technician IV	120.00
Construction Technician I	65.00
Construction Technician II	95.00
Construction Technician III	105.00
Construction Technician IV	110.00
Engineering / Surveying Technician I	60.00
Engineering / Surveying Technician II	95.00
Engineering / Surveying Technician III	110.00
Engineering / Surveying Technician IV	130.00
Land Surveyor I	115.00
Land Surveyor II	130.00
Project Engineer I	125.00
Project Engineer II	140.00
Project Engineer III	160.00
Project Engineer IV	175.00
Project Manager I	140.00
Project Manager II	150.00
Project Manager III	180.00
Project Manager IV	185.00
Survey Crew – One Man	124.00
Survey Crew – Two Man	170.00
UAV Crew – One Man	120.00
UAV Crew – Two Man	190.00
Survey Crew & UAV Crew – Two Man	215.00
Expert Witness	240.00
Mileage – Standard	0.625 / mile
Mileage – Survey / Construction Observation Vehicle	1.000 / mile

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Material Rates

Effective July 1, 2022

Partial listing of material costs:

Hubs, laths, stakes	\$1.00 / each
Iron Pins	3.00 / each
Railroad Spikes	2.00 / each
Concrete Markers	20.00 / each
Steel Fence Posts	6.00 / each
Mileage	0.585 / mile
Mileage – Survey / Construction Observation Vehicle	0.80 / mile

Reproduction:

Construction Plans (job related)	\$0.60 / print
Construction Plans (not job related) – H&A locates mylar	5.00 / print
Construction Plans (not job related) – Customer's mylar	3.00 / print
Xerox Engineering Copies (22" X 34") – First three copies	8.00 / copy
Xerox Engineering Copies (22" X 34") – Additional copies	4.00 / copy
Photocopies (job related)	0.10 / copy
Photocopies (not job related)	0.25 / copy
Binding Sets	1.00 / each
Mylar Film (22" X 34")	5.00 / sheet
Vellum (22" X 34")	1.00 / sheet

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June 30, 2022

Mr. Curtis Westrich, P.E.
Heneghan Associates, Inc.
1929 Richardson Road
Arnold, MO 63010
cawestrich@heneghanassoc.com

RE: PROPOSAL ADDENDUM
ARNOLD COMMONS RETAINING WALL NO. 8
ARNOLD, MISSOURI

Dear Mr. Westrich:

Shannon & Wilson is pleased to submit this proposal addendum to provide additional services per your email request on June 16, 2022. The additional services will include global stability analysis, design review, and construction testing services for the above-referenced retaining wall located between Ozark Drive and Stardust Lane and along Church Road in Arnold, Missouri. This addendum applies to our proposal dated February 10, 2022 and authorized on February 15, 2022.

The purpose of our services for the project will be to review the prepared plans, perform global stability analysis of the critical section of the proposed design, and provide construction monitoring services. Our services will include global stability analysis and review of the planned retaining wall, laboratory testing of proposed backfill material, construction observation and materials testing services as they relate to the planned retaining wall. Our understanding of the project, scope of services, and associated fees are discussed in greater detail below.

PROJECT AND SITE DESCRIPTION

The project is located at 2201 Church Street in Arnold, Missouri. Our understanding of the project and site development is based on our geotechnical report dated May 27, 2022. It is our understanding that the design will likely be for a cast-in-place cantilever wall with a rock shear key to provide additional lateral resistance and rock anchors to resist overturning.

SCOPE OF WORK

Design Review

We will provide a global stability analysis and design review for the satisfactory completion of the project drawings and specifications. We anticipate the items provided in Table 1 will be included in the global stability analysis and design review scope of work.

Table 1: Global Stability and Design Review Items

Item
Perform one suite of global stability analysis of the planned wall design and grading plan. (Drained, Undrained, and Seismic conditions)
Review the soil and rock parameters used for the external stability analysis including sliding, overturning, and bearing capacity at up to 5 cross sections.
Review the lateral earth pressure design criteria for the replacement cast-in place retaining wall.
Review the recommendations for select fill placement and handling including compaction requirements for retaining wall backfill.
Review the sub-drainage and drainage design for the retaining wall.
Review the frost penetration depth and mitigation.
Review the plans for rock excavation in excavations within the wall limits.
Review of drawing details.
Review of Project Technical Specifications that relate to geotechnical aspects of the project.
Review the drawings relative to constructability.

Earthwork Observation and Density Testing

Our services will include earthwork observation and density testing during the placement of soil and aggregate by a field representative. Prior to density testing in the field, a sample of the planned fill material(s) will be obtained and tested in our laboratory to determine the maximum density and to establish a moisture-density (Proctor) curve. Sampling will be performed by our field representative. For this proposal, we assumed one soil sample will be laboratory tested. Laboratory testing will be performed to current ASTM standards.

For this proposal, we have estimated that 5 site visits will be required for earthwork observation and density testing with each visit requiring 8 hours onsite, plus travel time roundtrip from our office. Field density testing will be performed with a nuclear densometer per ASTM D 2922 or alternative procedural methods and will provide evidence of the specified compaction. Our observation and field density testing will provide a record that the materials placed while we are

on-site conform to those specified. Construction practices for the compaction of earthwork and fill will also be documented.

Foundation Excavations

Shallow foundation excavations for the retaining wall and rock anchors drilling will be observed by a field representative during excavation and installation to document subgrade conditions and determine if the bearing surface is adequate for the design bearing pressure identified in the Geotechnical Engineering Report. We will also observe footing dimensions relative to those shown on the project drawings. Our field representative will observe drilling action and drilling spoils to provide an opinion about the conformance to the design.

For this proposal, we have estimated that 4 site visits will be required for foundation excavation observation with each visit requiring 8 hours for time onsite plus travel time roundtrip from our office.

Concrete Testing

Concrete testing in the field will be performed by a field representative and will consist of checking the slump, air content, and temperature of the concrete as delivered to the site. Copies of concrete delivery tickets will be collected in the field to document mixes being placed. Concrete testing will also include the making of concrete test cylinders. A return site visit will be required to pick up the cylinders and transport them to a material testing laboratory for the curing and breaking to record their compressive strength. Concrete testing will be provided in accordance with the testing frequency and break schedule as outlined in the project specifications.

Concrete testing is anticipated being performed for the foundations and walls. For this proposal, we have estimated 5 site visits for part-time observation of the concrete testing. Each site visit will include field testing and the casting of one set of 4 test cylinders.

Grout Testing

Rock anchor grout testing in the field will be performed by our field representative and will consist of casting one set of 3 grout test cubes. A return site visit will be required to pick up the test cubes and transport them to a material testing laboratory for the curing and breaking to record their compressive strength. Grout testing will be provided in accordance with the testing frequency and break schedule as outlined in the project specifications. For this proposal, we have estimated 2 trips and compressive strength testing of 2 sets of grout test cubes.

Project Management, Supervision, Engineering Consultation, Project Meetings, and Reporting

An engineer from our staff will coordinate, schedule, and supervise our field services. Our designated engineer will serve as your point of contact concerning the geotechnical aspects of the project and establish routine communication with appropriate parties. Site personnel will be advised of field test results by our field representative before leaving the site. Field memoranda documenting our observations and test results will be prepared and would be provided to you as the work progresses, if requested.

Concrete and grout compressive test strength reports including other laboratory test reports will be issued to the project team via email as the testing is completed. Upon request, we would provide progress letters summarizing our work with copies of field memoranda and test information over the desired frequency. At the end of the project, we will prepare a summary letter with our observations and the test data including copies of field memoranda and site photographs.

The engineer from our staff will also be available to consult for resolution of site grading or foundation questions or concerns, should any arise. We will also be available to attend project meetings, at your request.

Engineering supervision typically requires about one to two hours per week for this type of project depending on the level of site activity.

ESTIMATED PROBABLE FEE

Our fee will depend on the level of service requested and the amount of time and effort required for the project, which will depend on factors beyond our control such as contractor approach, contractor performance, and subsurface conditions. Our services will be invoiced based on the actual services provided and in accordance with the attached Standard Rate Schedule.

Based on our understanding of the project and schedule, experience with similar-sized projects, and the scope discussed above, we anticipate the estimated probable fee for the proposed services is summarized in Table 2 below. A detailed breakdown of the estimate is provided on the attached Construction Monitoring & Testing Services Estimate.

Table 2: Estimated Probable Fee

Task ¹	Estimated Quantity	Unit Cost	Estimated Cost
Design Review	1	Each	\$4,402
Earthwork Observation & Density Testing	5 trips	\$738 per trip	\$3,688
Laboratory Testing (Earthwork)	1 sample	\$350 per sample	\$350
Foundation Excavation Observation	4 trips	\$918 per trip	\$3,670
Concrete Testing	5 sets	\$754 per set	\$3,769
Grout Testing	2 sets	\$725 per set	\$1,450
Project Management and Summary Report			\$3,678
Estimated Probable Fee:			\$21,005

Notes:

1. Some of the tasks may overlap and would be performed by the same representative during one trip which will reduce our listed estimated probable fee.

ASSUMPTIONS

We have prepared this scope of work, schedule, and cost estimate based on the assumptions listed below in Table 3. If any of these assumptions are in error or change, then changes to our scope, schedule and/or fee may be required.

Table 3: Assumptions

Assumption
Our understanding of the scope of testing will be based on H&A Bid Documents (specs, drawings, etc.) and are not available at the time of this proposal.
Our services are expected to be provided on a part-time, on-call basis.
We request a 5-day notice prior to beginning our services for the project and a minimum 24-hour notice for on-call services to properly schedule our field representatives.
Other than in the design review, we have not included engineering consultation, proofrolling, pavement observation, or attendance of project meetings in this proposal.

CONTRACT AGREEMENT

Our services are expected to be provided on a part-time, on-call basis and will be invoiced based on the actual services provided and in accordance with the attached Standard Rate Schedule. Our fee will depend on the level of service requested and the amount of time and effort required for the project, which will depend on factors beyond our control such as weather, contractor approach and performance, and subsurface conditions.

Our approach, scope of work, schedule, and price contained in this proposal addendum are subject to the same Shannon & Wilson Standard Terms and Conditions, included in our proposal dated February 10, 2022, and authorized on February 15, 2022.

Please note that our technician labor rates include all equipment charges and that there is no minimum charge or overtime surcharge. Truck mileage is billed separately.

SCHEDULE

In general, we are prepared to begin the design review within one week after notice to proceed. Construction observation and testing will be performed on an on-call basis.

Our Design Letter Report will be submitted after completion of the review. The schedule and final submittal date for the completion report can be better defined once the construction schedule has been determined.

OUR SERVICE PROMISE TO YOU

Shannon & Wilson is dedicated to helping your project succeed and to making your experience with us a positive one. Our hope is that, if you enjoy working with us on this project, you will use our services on your next project! To that end, we want you to be completely satisfied with our performance, our personnel, and our project documentation.

We encourage you to discuss any discrepancies between our service and your expectations with me. If you feel that we are not delivering on our promise of quality service, we encourage you to take your concerns straight to our Saint Louis Office Manager, Tom Abkemeier. Tom's direct number is (314) 564-8109. Your project is important to us and we want to deliver our services to your full satisfaction.

CLOSURE

If you have questions regarding this proposal or desire to modify the scope of work, please contact me at 314-564-8136 or bronson.bowling@shanwil.com. If this proposal meets with your approval, please sign in the space provided below and return one signed copy of this letter, which will serve as your authorization to proceed with the stated work.

We are available to discuss other services offered by our Saint Louis office including environmental engineering and construction monitoring services for additional support of this project. We appreciate your consideration of Shannon & Wilson for your project and your continued confidence in our firm.

Mr. Curtis Westrich, P.E.
Heneghan Associates, Inc.
June 30, 2022
Page 7 of 8

 SHANNON & WILSON

Sincerely,

SHANNON & WILSON



Bronson L. Bowling, P.E.
Senior Geotechnical Engineer



Patrick M. Kinsella, P.E.
Associate

BLB:PMK/tad

Enc. Geotechnical Services Fee Estimate

I accept the above proposal and authorize the stated work to proceed.

Signature

Date

Name (Printed or Typed)

Organization

Title

E-mail Address

Direct Correspondence to

Please Direct Billings to

Attention

Attention

Organization

Organization

Address

Address

City, State, & Zip

City, State, & Zip

E-mail Address

Billing Reference
(Project Name, PO, or other identification)

Design Review + Construction Monitoring & Testing Services Estimate 2022

Project Name: Arnold Commons Retaining Wall No. 8 **Project Number:** 108678-002_P
Project Location: Arnold, MO **Project Manager:** BLB

Fee Estimate

Design Review					
Officer Review	Vice President	0.5 hours at	\$ 235.00 per hour	\$	118
Technical Review	Associate	2.0 hours at	\$ 180.00 per hour	\$	360
Global Slope Stability Analysis	Senior Prof II	12.0 hours at	\$ 140.00 per hour	\$	1,680
External Stability Analysis / Lateral Earth pressure	Senior Prof II	2.0 hours at	\$ 140.00 per hour	\$	280
Letter Report	Senior Prof II	8.0 hours at	\$ 140.00 per hour	\$	1,120
QCQA	Senior Prof I	2.0 hours at	\$ 130.00 per hour	\$	260
Drafting	Prof I	2.0 hours at	\$ 92.00 per hour	\$	184
Admin/Clerical	Level IV Tech/Admin	5.0 hours at	\$ 80.00 per hour	\$	400
				Subtotal:	\$ 4,402

Construction Services
Full Time Earthwork Observation & Density Testing

Site Visit + Travel Time	10.0 hours at	\$ 70.00 per hour	\$	700
Mileage Site Visit	50 miles	\$ 0.75 per mile	\$	38
				\$ 738 per trip
				Estimated trips: 5
				Subtotal: \$ 3,688

Foundation Excavation Observation

Site Visit + Travel Time	8.0 hours at	\$ 110.00 per hour	\$	880
Mileage Site Visit	50 miles	\$ 0.75 per mile	\$	38
				\$ 918 per trip
				Estimated trips: 4
				Subtotal: \$ 3,670

Concrete Slump, Air, and Cylinders

Site Visit / Cylinder Pickup + Travel Time	8.0 hours at	\$ 70.00 per hour	\$	560
Mileage Site Visit and Pickup	105 miles	\$ 0.75 per mile	\$	79
Cylinder Test (TSI+15%)	4 cylinders	\$ 28.75 per cylinder	\$	115
				\$ 754 per set
				Estimated sets: 5
				Subtotal: \$ 3,769

Anchor Grout Testing

Site Visit / Cube Pickup + Travel Time	8.0 hours at	\$ 70.00 per hour	\$	560
Mileage Site Visit and Pickup	105 miles	\$ 0.75 per mile	\$	79
Grout Test (TSI+15%)	3 cubes	\$ 28.75 per cube	\$	86
				\$ 725 per set
				Estimated sets: 2
				Subtotal: \$ 1,450

Laboratory Testing

Compaction Standard, Method A or B	1 each at	\$ 350.00 per each	\$	350
				Subtotal: \$ 350

Project Management and Summary Report

Summary Report Review	Vice President	0.5 hours at	\$ 235.00 per hour	\$	118
Summary Report	Associate	2.0 hours at	\$ 180.00 per hour	\$	360
Summary Report	Senior Prof II	12.0 hours at	\$ 140.00 per hour	\$	1,680
Project Management	Senior Prof II	8.0 hours at	\$ 140.00 per hour	\$	1,120
Accounting/Clerical	Level IV Tech/Admin	5.0 hours at	\$ 80.00 per hour	\$	400
				Subtotal: \$ 3,678	

Project Total: \$ 21,005

1

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HENEGHAN AND ASSOCIATES, P.C.

CIVIL ENGINEERS • LAND SURVEYORS

WWW.HAENGR.COM

Since 1986

Attachment A

A. Partial Boundary and Topographic Survey

1. Contact "mo1call" for a locate request to have the underground utilities on the site marked. *Please note that locate requests from surveyors may be ignored or result in the utilities not being marked. In which case the location of the underground utilities will not be obtained. Contracting or coordination with utility companies or a third-party contractor to mark, excavate, or "pothole" any underground utilities is not included in this scope of work or fees.*
2. Research of Land Survey records in our office files and at the St. Louis County Courthouse and review of the documents provided by the Client.
3. Establish horizontal and vertical control and site benchmarks.
4. Land Survey to search for and locate existing monumentation on the corners of the property boundary/rights of way and on adjacent property corners, as needed.
5. Topographic Survey to locate the existing building corners (northern side only), driveway, roadway pavement, fence, retaining wall, light poles, signs, visible utilities, and underground utility markings, if located by "mo1call"; and to obtain spot elevations of the existing wall and ground at select locations necessary to develop one (1) foot contours for the site. *The "site" and limits of the topographic survey are outlined in red on the attached GIS map.*
6. Office calculations to verify the monumentation found against the plats, deeds, and other records and to determine the location of the corners of pertinent property/right of way lines.
7. Prepare a Topographic Survey Plat to show the pertinent property boundary/right of way lines, easements, if the easement can be determined from information to be provided, the existing wall and topographic features, the visible utilities and underground utility markings, if located by "mo1call", and one (1) foot contours.

B. Construction Staking/Layout

1. Provide a one-time staking of offset stakes for the proposed wall every 25'± marked with cut/fill to the top of wall at Church Road.
2. Provide a one-time staking of offset stakes for the proposed PCC Gutter every 25' ± marked with cut/fill to the top of gutter at the Arnold Tenbrook Wall.

□ 800 Broadway, Suite 3
Mt. Vernon, IL 62864
(P) 618-533-6525
(F) 618-533-6652

□ 310A Vision Drive
Columbia, IL 62236
(P) 618-281-8133
(F) 618-281-8290

□ 1004 State Highway 16
Jerseyville, IL 62052
(P) 618-498-6418
(F) 618-498-6410

□ 1929 Richardson Road
Arnold, MO 63010
(P) 636-464-3610
(F) 636-464-2059

"DEDICATING OUR SERVICES TO STRENGTHEN CLIENT TRUST"

RESOLUTION NO: 22-43

**A RESOLUTION APPROVING THE PURCHASE OF THREE VEHICLES
THROUGH THE ENTERPRISE FLEET MANAGEMENT PROGRAM.**

WHEREAS, the City Council approved the purchase of vehicles through the Enterprise Fleet Management Program for Fiscal Year 2023: and

WHEREAS, the City received a quote from Enterprise for four of the vehicles planned and budgeted for purchase in Fiscal Year 2023:

BE IT RESOLVED by the Council of the City of Arnold, Missouri, that the attached vehicle quotes from Enterprise are hereby approved.

Presiding Officer of the City Council

Mayor Ron Counts

ATTEST:

City Clerk Tammi Casey

Date: _____



Prepared For: City of Arnold, Missouri
Wagner, Judy

Date 07/06/2022
AE/AM BB3

Unit #

X2

Year 2022 Make Ford Model F-150

Series XL 4x4 SuperCab 6.5 ft. box 145 in. WB

Vehicle Order Type Ordered Term 48 State MO Customer# 494647

All language and acknowledgments contained in the signed quote apply to all vehicles that are ordered under this signed quote.

Order Information

Driver Name
Exterior Color (0 P) Oxford White
Interior Color (0 I) Black w/Medium Dark Slate w/Cloth 40/20
Lic. Plate Type Personalized/Vanity
GVWR 0

Table with 2 columns: Amount and Description. Includes Capitalized Price of Vehicle, License and Certain Other Charges, Initial License Fee, Registration Fee, Other: (See Page 2), Capitalized Price Reduction, Tax on Capitalized Price Reduction, Gain Applied From Prior Unit, Tax on Gain On Prior, Security Deposit, Tax on Incentive.

Summary table with 2 columns: Amount and Description. Includes Total Capitalized Amount (Delivered Price), Depreciation Reserve @ 1,2500%, Monthly Lease Charge (Based on Interest Rate - Subject to a Floor), Total Monthly Rental Excluding Additional Services.

Additional Fleet Management

Table with 2 columns: Amount and Description. Includes Master Policy Enrollment Fees, Commercial Automobile Liability Enrollment, Liability Limit \$0.00.

Table with 2 columns: Amount and Description. Includes Physical Damage Management, Full Maintenance Program 3 Contract Miles 0, Incl: # Brake Sets (1 set = 1 Axle) 0.

Table with 2 columns: Description and Amount. Includes Comp/Coll Deductible 0 / 0, OverMileage Charge \$ 0.00 Per Mile, # Tires 0, Loaner Vehicle Not Included.

Additional Services SubTotal

Table with 2 columns: Amount and Description. Includes Use Tax 0.0000% State.

Total Monthly Rental Including Additional Services

Table with 2 columns: Amount and Description. Includes Reduced Book Value at 48 Months, Service Charge Due at Lease Termination.

Quote based on estimated annual mileage of 10,000
(Current market and vehicle conditions may also affect value of vehicle)
(Quote is Subject to Customer's Credit Approval)
Notes

Enterprise FM Trust will be the owner of the vehicle covered by this Quote. Enterprise FM Trust (not Enterprise Fleet Management) will be the Lessor of such vehicle under the Master Open - End (Equity) Lease Agreement and shall have all rights and obligations of the Lessor under the Master Open - End (Equity) Lease Agreement with respect to such vehicle. Lessee must maintain insurance coverage on the vehicle as set forth in Section 11 of the Master Open-End (Equity) Lease Agreement until the vehicle is sold.

ALL TAX AND LICENSE FEES TO BE BILLED TO LESSEE AS THEY OCCUR.

Lessee hereby authorizes this vehicle order, agrees to lease the vehicle on the terms set forth herein and in the Master Equity Lease Agreement and agrees that Lessor shall have the right to collect damages in the event Lessee fails or refuses to accept delivery of the ordered vehicle. Lessee certifies that it intends that more than 50% of the use of the vehicle is to be in a trade or business of the Lessee.

LESSEE City of Arnold, Missouri

BY TITLE DATE

* INDICATES ITEMS TO BE BILLED ON DELIVERY.

1 Capitalized Price of Vehicle May be Adjusted to Reflect Final Manufacturer's Invoice. Lessee Hereby Assigns to Lessor anyManufacturer Rebates And/Or Manufacturer Incentives Intended for the Lessee, Which Rebates And/Or Incentives Have Been UsedBy Lessor to Reduce the Capitalized Price of the Vehicle.

2 Monthly Lease Charge Will Be Adjusted to Reflect the Interest Rate on the Delivery Date (Subject to a Floor).

3 The inclusion herein of references to maintenance fees/services are solely for the administrative convenience of Lessee. Notwithstanding the inclusion of such references in this [Invoice/Schedule/Quote], all such maintenance services are to be performed by Enterprise Fleet Management, Inc., and all such maintenance fees are payable by Lessee solely for the account of Enterprise Fleet Management, Inc., pursuant to that certain separate [Maintenance Agreement] entered into by and between Lessee and Enterprise Fleet Management, Inc.; provided that such maintenance fees are being billed by Enterprise FM Trust, and are payable at the direction of Enterprise FM Trust, solely as an authorized agent for collection on behalf of Enterprise Fleet Management, Inc.

Other Totals

Description	(B)illed or (C)apped	Price
Initial Administration Fee	C	\$ 140.00
Courtesy Delivery Fee	C	\$ 75.00
Total Other Charges Billed		\$ 0.00
Total Other Charges Capitalized		\$ 215.00
Other Charges Total		\$ 215.00

VEHICLE INFORMATION:

2022 Ford F-150 XL 4x4 SuperCab 6.5 ft. box 145 in. WB - US

Series ID: X1E

Pricing Summary:

	INVOICE	MSRP
Base Vehicle	\$37,331	\$39,090.00
Total Options	\$4,432.00	\$4,870.00
Destination Charge	\$1,795.00	\$1,795.00
Total Price	\$43,558.00	\$45,755.00

SELECTED COLOR:

Exterior: YZ-(0 P) Oxford White
 Interior: CS-(0 I) Black w/Medium Dark Slate w/Cloth 40/20/40 Front Seat

SELECTED OPTIONS:

CODE	DESCRIPTION	INVOICE	MSRP
100A	Equipment Group 100A Standard	NC	NC
145WB	145" Wheelbase	STD	STD
153	Front License Plate Bracket	NC	NC
44G	Transmission: Electronic 10-Speed Automatic	Included	Included
50S	Cruise Control	\$205.00	\$225.00
53A	Trailer Tow Package	\$1,088.00	\$1,195.00
53B	Class IV Trailer Hitch Receiver	Included	Included
61X91K	MyKey	Included	Included
64C	Wheels: 17" Silver Steel	Included	Included
655	Extended Range 36 Gallon Fuel Tank (Fleet)	\$405.00	\$445.00
67T	Integrated Trailer Brake Controller	Included	Included
85AGTE	Power Tailgate Lock	Included	Included
85AILL	Illuminated Entry	Included	Included
85AMIR	Power Glass Sideview Mirrors w/Black Skull Caps	Included	Included
85APAL	Perimeter Alarm	Included	Included
85APLK	Power Door Locks	Included	Included
85APWN	Power Front & Rear Windows	Included	Included
85A_	XL Power Equipment Group (Fleet)	\$609.00	\$670.00
995	Engine: 5.0L V8	\$2,125.00	\$2,335.00
C	Cloth 40/20/40 Front Seat	STD	STD
CS_01	(0 I) Black w/Medium Dark Slate w/Cloth 40/20/40 Front Seat	NC	NC
NONGV2	GVWR: 7,050 lbs Payload Package	Included	Included
PAINT	Monotone Paint Application	STD	STD
STDRD	Radio: AM/FM Stereo w/6 Speakers	Included	Included
STDTR	Tires: 265/70R17 BSW A/T	Included	Included
SYNC	SYNC 4	Included	Included
WARANT	Fleet Customer Powertrain Limited Warranty	NC	NC
X27	3.31 Axle Ratio	Included	Included
YZ_01	(0 P) Oxford White	NC	NC

CONFIGURED FEATURES:

Body Exterior Features:

Number Of Doors 4
Rear Driver Door: reverse opening rear passenger doors
Rear Cargo Door Type: tailgate
Driver And Passenger Mirror: power remote heated manual folding side-view door mirrors
Door Handles: black
Front And Rear Bumpers: black front and rear bumpers with body-coloured rub strip
Rear Step Bumper: rear step bumper
Front Tow Hooks: 2 front tow hooks
Front License Plate Bracket: front license plate bracket
Box Style: regular
Body Material: aluminum body material
: class IV trailering with harness, hitch, brake controller
Grille: black grille

Convenience Features:

Air Conditioning manual air conditioning
Air Filter: air filter
Cruise Control: cruise control with steering wheel controls
Power Windows: power windows with driver and passenger 1-touch down
Remote Keyless Entry: keyfob (front doors) remote keyless entry
Illuminated Entry: illuminated entry
Integrated Key Remote: integrated key/remote
Auto Locking: auto-locking doors
Remote Engine Start: remote engine start - smart device only (subscription required)
Steering Wheel: steering wheel with manual tilting, manual telescoping
Day-Night Rearview Mirror: day-night rearview mirror
Emergency SOS: SYNC 4 911 Assist emergency communication system
Front Cupholder: front and rear cupholders
Overhead Console: mini overhead console with storage
Glove Box: locking glove box
Driver Door Bin: driver and passenger door bins
Rear Door Bins: rear door bins
Dashboard Storage: dashboard storage
Interior Concealed Storage: interior concealed storage
IP Storage: bin instrument-panel storage
Retained Accessory Power: retained accessory power
Power Accessory Outlet: 1 12V DC power outlet

Entertainment Features:

radio AM/FM stereo with seek-scan
Radio Data System: radio data system
Voice Activated Radio: voice activated radio
Speed Sensitive Volume: speed-sensitive volume
Steering Wheel Radio Controls: steering-wheel mounted audio controls
Speakers: 6 speakers
Internet Access: FordPass Connect 4G internet access
1st Row LCD: 2 1st row LCD monitor
Wireless Connectivity: wireless phone connectivity
Antenna: fixed antenna

Lighting, Visibility and Instrumentation Features:

Headlamp Type delay-off aero-composite halogen headlamps
Auto-Dimming Headlights: Ford Co-Pilot360 - Auto High Beam auto high-beam headlights
Cab Clearance Lights: cargo bed light
Front Wipers: variable intermittent wipers
Tinted Windows: light-tinted windows
Dome Light: dome light with fade
Front Reading Lights: front reading lights

Variable IP Lighting: variable instrument panel lighting
Display Type: analog appearance
Tachometer: tachometer
Voltmeter: voltmeter
Compass: compass
Exterior Temp: outside-temperature display
Low Tire Pressure Warning: tire specific low-tire-pressure warning
Trip Odometer: trip odometer
Lane Departure Warning: lane departure
Front Pedestrian Braking: pedestrian detection
Forward Collision Alert: forward collision
Oil Pressure Gauge: oil pressure gauge
Water Temp Gauge: water temp. gauge
Transmission Oil Temp Gauge: transmission oil temp. gauge
Clock: in-radio display clock
Rear Vision Camera: rear vision camera
Oil Pressure Warning: oil-pressure warning
Water Temp Warning: water-temp. warning
Battery Warning: battery warning
Lights On Warning: lights-on warning
Key in Ignition Warning: key-in-ignition warning
Low Fuel Warning: low-fuel warning
Door Ajar Warning: door-ajar warning
Brake Fluid Warning: brake-fluid warning

Safety And Security:

ABS four-wheel ABS brakes
Number of ABS Channels: 4 ABS channels
Brake Assistance: brake assist
Brake Type: four-wheel disc brakes
Vented Disc Brakes: front and rear ventilated disc brakes
Daytime Running Lights: daytime running lights
Spare Tire Type: full-size spare tire
Spare Tire Mount: underbody mounted spare tire w/crankdown
Driver Front Impact Airbag: driver and passenger front-impact airbags
Driver Side Airbag: seat-mounted driver and passenger side-impact airbags
Overhead Airbag: Safety Canopy System curtain 1st and 2nd row overhead airbag
Occupancy Sensor: front passenger airbag occupancy sensor
Height Adjustable Seatbelts: height adjustable front seatbelts
Seatbelt Pretensioners: front seatbelt pre-tensioners
3Point Rear Centre Seatbelt: 3 point rear centre seatbelt
Side Impact Bars: side-impact bars
Perimeter Under Vehicle Lights: remote activated perimeter/approach lights
Tailgate/Rear Door Lock Type: tailgate/rear door lock included with power door locks
Ignition Disable: SecuriLock immobilizer
Security System: security system
Panic Alarm: panic alarm
Electronic Stability: AdvanceTrac with Curve Control electronic stability stability control with anti-roll
Traction Control: ABS and driveline traction control
Front and Rear Headrests: manual adjustable front head restraints
Rear Headrest Control: 3 rear head restraints

Seats And Trim:

Seating Capacity max. seating capacity of 6
Front Bucket Seats: front split-bench 40-20-40 seats
Number of Driver Seat Adjustments: 4-way driver and passenger seat adjustments
Reclining Driver Seat: manual reclining driver and passenger seats
Driver Fore/Aft: manual driver and passenger fore/aft adjustment
Front Centre Armrest Storage: front centre armrest
Rear Seat Type: rear 60-40 split-bench seat
Rear Folding Position: rear seat fold-up cushion

Leather Upholstery: cloth front and rear seat upholstery

Headliner Material: full cloth headliner

Floor Covering: full vinyl/rubber floor covering

Cabback Insulator: cabback insulator

Shift Knob Trim: urethane shift knob

Interior Accents: metal-look interior accents

Standard Engine:

Engine 400-hp, 5.0-liter V-8 (regular gas)

Standard Transmission:

Transmission 10-speed automatic w/ OD and PowerShift automatic

Prepared For: City of Arnold, Missouri
Wagner, Judy

Date 07/06/2022
AE/AM BB3

Unit #

Year 2022 **Make** Ford **Model** F-150

Series XL 4x4 SuperCab 8 ft. box 163 in. WB

Vehicle Order Type Ordered **Term** 48 **State** MO **Customer#** 494647

\$ 48,533.10	Capitalized Price of Vehicle ¹
\$ 0.00 *	License and Certain Other Charges State <u>MO</u>
\$ 84.50 *	Initial License Fee
\$ 0.00	Registration Fee
\$ 215.00	Other: (See Page 2)
\$ 0.00	Capitalized Price Reduction
\$ 0.00	Tax on Capitalized Price Reduction
\$ 0.00	Gain Applied From Prior Unit
\$ 0.00 *	Tax on Gain On Prior
\$ 0.00 *	Security Deposit
\$ 0.00 *	Tax on Incentive (Taxable Incentive Total : \$0.00)

All language and acknowledgments contained in the signed quote apply to all vehicles that are ordered under this signed quote.

Order Information

Driver Name	
Exterior Color	Oxford White
Interior Color	Black w/Medium Dark Slate w/Cloth 40/20/40 Fr
Lic. Plate Type	Personalized/Vanity
GVWR	0

\$ 48,748.10	Total Capitalized Amount (Delivered Price)
\$ 609.35	Depreciation Reserve @ <u>1,2500%</u>
\$ 261.48	Monthly Lease Charge (Based on Interest Rate - Subject to a Floor) ²
\$ 870.83	Total Monthly Rental Excluding Additional Services

Additional Fleet Management

Master Policy Enrollment Fees

\$ 0.00	Commercial Automobile Liability Enrollment
	Liability Limit <u>\$0.00</u>

\$ 0.00	Physical Damage Management
---------	----------------------------

Comp/Coll Deductible 0 / 0

\$ 0.00	Full Maintenance Program ³ Contract Miles <u>0</u>
	Incl: # Brake Sets (1 set = 1 Axle) <u>0</u>

OverMileage Charge \$ 0.00 Per Mile

Tires 0 **Loaner Vehicle Not Included**

\$ 0.00 Additional Services SubTotal

\$ 0.00	Use Tax <u>0.0000%</u> State .
---------	---------------------------------------

\$ 870.83 Total Monthly Rental Including Additional Services

\$ 19,499.30 Reduced Book Value at 48 Months

\$ 400.00 Service Charge Due at Lease Termination

Quote based on estimated annual mileage of 10,000
(Current market and vehicle conditions may also affect value of vehicle)
(Quote is Subject to Customer's Credit Approval)
Notes

Enterprise FM Trust will be the owner of the vehicle covered by this Quote. Enterprise FM Trust (not Enterprise Fleet Management) will be the Lessor of such vehicle under the Master Open - End (Equity) Lease Agreement and shall have all rights and obligations of the Lessor under the Master Open - End (Equity) Lease Agreement with respect to such vehicle. Lessee must maintain insurance coverage on the vehicle as set forth in Section 11 of the Master Open-End (Equity) Lease Agreement until the vehicle is sold.

ALL TAX AND LICENSE FEES TO BE BILLED TO LESSEE AS THEY OCCUR.

Lessee hereby authorizes this vehicle order, agrees to lease the vehicle on the terms set forth herein and in the Master Equity Lease Agreement and agrees that Lessor shall have the right to collect damages in the event Lessee fails or refuses to accept delivery of the ordered vehicle. Lessee certifies that it intends that more than 50% of the use of the vehicle is to be in a trade or business of the Lessee.

LESSEE City of Arnold, Missouri

BY _____ **TITLE** _____ **DATE** _____

* INDICATES ITEMS TO BE BILLED ON DELIVERY.

¹ Capitalized Price of Vehicle May be Adjusted to Reflect Final Manufacturer's Invoice. Lessee Hereby Assigns to Lessor anyManufacturer Rebates And/Or Manufacturer Incentives Intended for the Lessee, Which Rebates And/Or Incentives Have Been UsedBy Lessor to Reduce the Capitalized Price of the Vehicle.

² Monthly Lease Charge Will Be Adjusted to Reflect the Interest Rate on the Delivery Date (Subject to a Floor).

³ The inclusion herein of references to maintenance fees/services are solely for the administrative convenience of Lessee. Notwithstanding the inclusion of such references in this [Invoice/Schedule/Quote], all such maintenance services are to be performed by Enterprise Fleet Management, Inc., and all such maintenance fees are payable by Lessee solely for the account of Enterprise Fleet Management, Inc., pursuant to that certain separate [Maintenance Agreement] entered into by and between Lessee and Enterprise Fleet Management, Inc.; provided that such maintenance fees are being billed by Enterprise FM Trust, and are payable at the direction of Enterprise FM Trust, solely as an authorized agent for collection on behalf of Enterprise Fleet Management, Inc.

Other Totals

Description	(B)illed or (C)apped	Price
Initial Administration Fee	C	\$ 140.00
Courtesy Delivery Fee	C	\$ 75.00
Total Other Charges Billed		\$ 0.00
Total Other Charges Capitalized		\$ 215.00
Other Charges Total		\$ 215.00

VEHICLE INFORMATION:

2022 Ford F-150 XL 4x4 SuperCab 8 ft. box 163 in. WB - US

Series ID: X1E

Pricing Summary:

	INVOICE	MSRP
Base Vehicle	\$40,019	\$41,905.00
Total Options	\$2,307.00	\$2,535.00
Destination Charge	\$1,795.00	\$1,795.00
Total Price	\$44,121.00	\$46,235.00

SELECTED COLOR:

Exterior: YZ-Oxford White

Interior: CS-Black w/Medium Dark Slate w/Cloth 40/20/40 Front Seat

SELECTED OPTIONS:

CODE	DESCRIPTION	INVOICE	MSRP
100A	Equipment Group 100A Standard	NC	NC
153	Front License Plate Bracket	NC	NC
163WB	163" Wheelbase	STD	STD
44G	Transmission: Electronic 10-Speed Automatic	Included	Included
50S	Cruise Control	\$205.00	\$225.00
53A	Trailer Tow Package	\$1,088.00	\$1,195.00
53B	Class IV Trailer Hitch Receiver	Included	Included
61X91K	MyKey	Included	Included
64C	Wheels: 17" Silver Steel	Included	Included
655	Extended Range 36 Gallon Fuel Tank (Fleet)	\$405.00	\$445.00
67T	Integrated Trailer Brake Controller	Included	Included
85AGTE	Power Tailgate Lock	Included	Included
85AILL	Illuminated Entry	Included	Included
85AMIR	Power Glass Sideview Mirrors w/Black Skull Caps	Included	Included
85APAL	Perimeter Alarm	Included	Included
85APLK	Power Door Locks	Included	Included
85APWN	Power Front & Rear Windows	Included	Included
85A_	XL Power Equipment Group (Fleet)	\$609.00	\$670.00
995	Engine: 5.0L V8	Included	Included
C	Cloth 40/20/40 Front Seat	Included	Included
CS_01	Black w/Medium Dark Slate w/Cloth 40/20/40 Front Seat	NC	NC
PAINT	Monotone Paint Application	STD	STD
STDGV	GVWR: 7,150 lbs Payload Package	Included	Included
STDRD	Radio: AM/FM Stereo w/6 Speakers	Included	Included
STDTR	Tires: 265/70R17 BSW A/T	Included	Included
SYNC	SYNC 4	Included	Included
WARANT	Fleet Customer Powertrain Limited Warranty	NC	NC
X27	3.31 Axle Ratio	Included	Included
YZ_01	Oxford White	NC	NC

CONFIGURED FEATURES:

Body Exterior Features:

Number Of Doors 4
Rear Driver Door: reverse opening rear passenger doors
Rear Cargo Door Type: tailgate
Driver And Passenger Mirror: power remote heated manual folding side-view door mirrors
Door Handles: black
Front And Rear Bumpers: black front and rear bumpers with body-coloured rub strip
Rear Step Bumper: rear step bumper
Front Tow Hooks: 2 front tow hooks
Front License Plate Bracket: front license plate bracket
Box Style: regular
Body Material: aluminum body material
: class IV trailering with harness, hitch, brake controller
Grille: black grille

Convenience Features:

Air Conditioning manual air conditioning
Air Filter: air filter
Cruise Control: cruise control with steering wheel controls
Power Windows: power windows with driver and passenger 1-touch down
Remote Keyless Entry: keyfob (front doors) remote keyless entry
Illuminated Entry: illuminated entry
Integrated Key Remote: integrated key/remote
Auto Locking: auto-locking doors
Remote Engine Start: remote engine start - smart device only (subscription required)
Steering Wheel: steering wheel with manual tilting, manual telescoping
Day-Night Rearview Mirror: day-night rearview mirror
Emergency SOS: SYNC 4 911 Assist emergency communication system
Front Cupholder: front and rear cupholders
Overhead Console: mini overhead console with storage
Glove Box: locking glove box
Driver Door Bin: driver and passenger door bins
Rear Door Bins: rear door bins
Dashboard Storage: dashboard storage
Interior Concealed Storage: interior concealed storage
IP Storage: bin instrument-panel storage
Retained Accessory Power: retained accessory power
Power Accessory Outlet: 1 12V DC power outlet

Entertainment Features:

radio AM/FM stereo with seek-scan
Radio Data System: radio data system
Voice Activated Radio: voice activated radio
Speed Sensitive Volume: speed-sensitive volume
Steering Wheel Radio Controls: steering-wheel mounted audio controls
Speakers: 6 speakers
Internet Access: FordPass Connect 4G internet access
1st Row LCD: 2 1st row LCD monitor
Wireless Connectivity: wireless phone connectivity
Antenna: fixed antenna

Lighting, Visibility and Instrumentation Features:

Headlamp Type delay-off aero-composite halogen headlamps
Auto-Dimming Headlights: Ford Co-Pilot360 - Auto High Beam auto high-beam headlights
Cab Clearance Lights: cargo bed light
Front Wipers: variable intermittent wipers
Tinted Windows: light-tinted windows
Dome Light: dome light with fade
Front Reading Lights: front reading lights

Variable IP Lighting: variable instrument panel lighting
Display Type: analog appearance
Tachometer: tachometer
Voltmeter: voltmeter
Compass: compass
Exterior Temp: outside-temperature display
Low Tire Pressure Warning: tire specific low-tire-pressure warning
Trip Odometer: trip odometer
Lane Departure Warning: lane departure
Front Pedestrian Braking: pedestrian detection
Forward Collision Alert: forward collision
Oil-Pressure Gauge: oil pressure gauge
Water Temp Gauge: water temp. gauge
Transmission Oil Temp Gauge: transmission oil temp. gauge
Clock: in-radio display clock
Rear Vision Camera: rear vision camera
Oil Pressure Warning: oil-pressure warning
Water Temp Warning: water-temp. warning
Battery Warning: battery warning
Lights On Warning: lights-on warning
Key in Ignition Warning: key-in-ignition warning
Low Fuel Warning: low-fuel warning
Door Ajar Warning: door-ajar warning
Brake Fluid Warning: brake-fluid warning

Safety And Security:

ABS four-wheel ABS brakes
Number of ABS Channels: 4 ABS channels
Brake Assistance: brake assist
Brake Type: four-wheel disc brakes
Vented Disc Brakes: front and rear ventilated disc brakes
Daytime Running Lights: daytime running lights
Spare Tire Type: full-size spare tire
Spare Tire Mount: underbody mounted spare tire w/crankdown
Driver Front Impact Airbag: driver and passenger front-impact airbags
Driver Side Airbag: seat-mounted driver and passenger side-impact airbags
Overhead Airbag: Safety Canopy System curtain 1st and 2nd row overhead airbag
Occupancy Sensor: front passenger airbag occupancy sensor
Height Adjustable Seatbelts: height adjustable front seatbelts
Seatbelt Pretensioners: front seatbelt pre-tensioners
3Point Rear Centre Seatbelt: 3 point rear centre seatbelt
Side Impact Bars: side-impact bars
Perimeter Under Vehicle Lights: remote activated perimeter/approach lights
Tailgate/Rear Door Lock Type: tailgate/rear door lock included with power door locks
Ignition Disable: SecuriLock immobilizer
Security System: security system
Panic Alarm: panic alarm
Electronic Stability: AdvanceTrac with Curve Control electronic stability stability control with anti-roll
Traction Control: ABS and driveline traction control
Front and Rear Headrests: manual adjustable front head restraints
Rear Headrest Control: 3 rear head restraints

Seats And Trim:

Seating Capacity max. seating capacity of 6
Front Bucket Seats: front split-bench 40-20-40 seats
Number of Driver Seat Adjustments: 4-way driver and passenger seat adjustments
Reclining Driver Seat: manual reclining driver and passenger seats
Driver Fore/Aft: manual driver and passenger fore/aft adjustment
Front Centre Armrest Storage: front centre armrest
Rear Seat Type: rear 60-40 split-bench seat
Rear Folding Position: rear seat fold-up cushion

Leather Upholstery: cloth front and rear seat upholstery

Headliner Material: full cloth headliner

Floor Covering: full vinyl/rubber floor covering

Cabback Insulator: cabback insulator

Shift Knob Trim: urethane shift knob

Interior Accents: metal-look interior accents

Standard Engine:

Engine 400-hp, 5.0-liter V-8 (regular gas)

Standard Transmission:

Transmission 10-speed automatic w/ OD and PowerShift automatic

Prepared For: City of Arnold, Missouri
Wagner, Judy

Date 07/06/2022
AE/AM BB3

Unit #
Year 2022 **Make** Ford **Model** Explorer
Series Base 4dr 4x4

Vehicle Order Type Ordered **Term** 48 **State** MO **Customer#** 494647

\$ 40,067.50	Capitalized Price of Vehicle ¹
\$ 0.00 *	License and Certain Other Charges State <u>MO</u>
\$ 84.50 *	Initial License Fee
\$ 0.00 *	Registration Fee
\$ 215.00	Other: (See Page 2)
\$ 0.00	Capitalized Price Reduction
\$ 0.00	Tax on Capitalized Price Reduction
\$ 0.00	Gain Applied From Prior Unit
\$ 0.00 *	Tax on Gain On Prior
\$ 0.00 *	Security Deposit
\$ 0.00 *	Tax on Incentive (Taxable Incentive Total : \$0.00)

All language and acknowledgments contained in the signed quote apply to all vehicles that are ordered under this signed quote.

Order Information

Driver Name	
Exterior Color	Iconic Silver Metallic
Interior Color	Sandstone w/Cloth Captain's Chairs
Lic. Plate Type	Personalized/Vanity
	GVWR 0

\$ 40,282.50	Total Capitalized Amount (Delivered Price)
\$ 604.24	Depreciation Reserve @ <u>1,5000%</u>
\$ 203.64	Monthly Lease Charge (Based on Interest Rate - Subject to a Floor) ²
\$ 807.88	Total Monthly Rental Excluding Additional Services

Additional Fleet Management

\$ 0.00	Master Policy Enrollment Fees
\$ 0.00	Commercial Automobile Liability Enrollment
	Liability Limit <u>\$0.00</u>

\$ 0.00	Physical Damage Management	Comp/Coll Deductible	<u>0 / 0</u>
\$ 0.00	Full Maintenance Program ³ Contract Miles <u>0</u>	OverMileage Charge	<u>\$ 0.00</u> Per Mile
	Incl: # Brake Sets (1 set = 1 Axle) <u>0</u>	# Tires <u>0</u>	Loaner Vehicle Not Included

\$ 0.00 Additional Services SubTotal

\$ 0.00	Use Tax <u>0.0000%</u>	State
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\$ 807.88 Total Monthly Rental Including Additional Services

\$ 11,278.98	Reduced Book Value at <u>48</u> Months
\$ 400.00	Service Charge Due at Lease Termination

Quote based on estimated annual mileage of 10,000
(Current market and vehicle conditions may also affect value of vehicle)
(Quote is Subject to Customer's Credit Approval)
Notes

Enterprise FM Trust will be the owner of the vehicle covered by this Quote. Enterprise FM Trust (not Enterprise Fleet Management) will be the Lessor of such vehicle under the Master Open - End (Equity) Lease Agreement and shall have all rights and obligations of the Lessor under the Master Open - End (Equity) Lease Agreement with respect to such vehicle. Lessee must maintain insurance coverage on the vehicle as set forth in Section 11 of the Master Open-End (Equity) Lease Agreement until the vehicle is sold.

ALL TAX AND LICENSE FEES TO BE BILLED TO LESSEE AS THEY OCCUR.

Lessee hereby authorizes this vehicle order, agrees to lease the vehicle on the terms set forth herein and in the Master Equity Lease Agreement and agrees that Lessor shall have the right to collect damages in the event Lessee fails or refuses to accept delivery of the ordered vehicle. Lessee certifies that it intends that more than 50% of the use of the vehicle is to be in a trade or business of the Lessee.

LESSEE City of Arnold, Missouri

BY _____ **TITLE** _____ **DATE** _____

* INDICATES ITEMS TO BE BILLED ON DELIVERY.

¹ Capitalized Price of Vehicle May be Adjusted to Reflect Final Manufacturer's Invoice. Lessee Hereby Assigns to Lessor anyManufacturer Rebates And/Or Manufacturer Incentives Intended for the Lessee, Which Rebates And/Or Incentives Have Been UsedBy Lessor to Reduce the Capitalized Price of the Vehicle.

² Monthly Lease Charge Will Be Adjusted to Reflect the Interest Rate on the Delivery Date (Subject to a Floor).

³ The inclusion herein of references to maintenance fees/services are solely for the administrative convenience of Lessee. Notwithstanding the inclusion of such references in this [Invoice/Schedule/Quote], all such maintenance services are to be performed by Enterprise Fleet Management, Inc., and all such maintenance fees are payable by Lessee solely for the account of Enterprise Fleet Management, Inc., pursuant to that certain separate [Maintenance Agreement] entered into by and between Lessee and Enterprise Fleet Management, Inc.; provided that such maintenance fees are being billed by Enterprise FM Trust, and are payable at the direction of Enterprise FM Trust, solely as an authorized agent for collection on behalf of Enterprise Fleet Management, Inc.

Other Totals

Description	(B)illed or (C)apped	Price
Initial Administration Fee	C	\$ 140.00
Courtesy Delivery Fee	C	\$ 75.00
Total Other Charges Billed		\$ 0.00
Total Other Charges Capitalized		\$ 215.00
Other Charges Total		\$ 215.00

VEHICLE INFORMATION:

2022 Ford Explorer Base 4dr 4x4 - US

Series ID: K8B

Pricing Summary:

	INVOICE	MSRP
Base Vehicle	\$34,930	\$36,010.00
Total Options	\$0.00	\$0.00
Destination Charge	\$1,495.00	\$1,495.00
Total Price	\$36,425.00	\$37,505.00

SELECTED COLOR:

Exterior: JS-Iconic Silver Metallic
 Interior: 7N-Sandstone w/Cloth Captain's Chairs

SELECTED OPTIONS:

CODE	DESCRIPTION	INVOICE	MSRP
100A	Equipment Group 100A	NC	NC
119WB	119.1" Wheelbase	STD	STD
7	Cloth Captain's Chairs	Included	Included
153	Front License Plate Bracket	NC	NC
425	50 State Emissions System	STD	STD
44T	Transmission: 10-Speed Automatic	Included	Included
7N_01	Sandstone w/Cloth Captain's Chairs	NC	NC
99H	Engine: 2.3L EcoBoost I-4	Included	Included
CONNECT	FordPass Connect	Included	Included
JS_01	Iconic Silver Metallic	NC	NC
PAINT	Monotone Paint Application	STD	STD
STDAX	3.58 Non-Limited-Slip Rear Axle Ratio	Included	Included
STDGV	GVWR: 6,160 lbs	Included	Included
STDRD	Radio: AM/FM Stereo	Included	Included
STDTR	Tires: P255/65R18 AS BSW	Included	Included
STDWL	Wheels: 18" 5-Spoke Silver-Painted Aluminum	Included	Included
SYNC	SYNC 3 Communications & Entertainment System	Included	Included

CONFIGURED FEATURES:

Body Exterior Features:

Number Of Doors 4
Driver And Passenger Mirror: power remote manual folding side-view door mirrors
Spoiler: rear lip spoiler
Door Handles: black
Front And Rear Bumpers: body-coloured front and rear bumpers
Front License Plate Bracket: front license plate bracket
Body Material: galvanized steel/aluminum body material
Body Side Cladding: black bodyside cladding
Grille: black grille

Convenience Features:

Air Conditioning automatic dual-zone front air conditioning
Air Filter: air filter
Rear Air Conditioning: rear air conditioning with separate controls
Voice Activated A/C: voice activated air conditioning
Cruise Control: cruise control with steering wheel controls
Trunk/Hatch/Door Remote Release: power cargo access remote release
Power Windows: power windows with driver and passenger 1-touch down
1/4 Vent Rear Windows: power rearmost windows
Remote Keyless Entry: keyfob (all doors) remote keyless entry
Illuminated Entry: illuminated entry
Integrated Key Remote: integrated key/remote
Auto Locking: auto-locking doors
Trunk FOB Controls: keyfob trunk/hatch/door release
Remote Engine Start: remote engine start - smart device only (subscription required)
Steering Wheel: steering wheel with manual tilting, manual telescoping
Day-Night Rearview Mirror: day-night rearview mirror
Driver and Passenger Vanity Mirror: illuminated auxiliary driver and passenger-side visor mirrors
Emergency SOS: SYNC 3 911 Assist emergency communication system
Front Cupholder: front and rear cupholders
Floor Console: full floor console with covered box
Overhead Console: mini overhead console with storage
Glove Box: locking glove box
Driver Door Bin: driver and passenger door bins
Rear Door Bins: rear door bins
Seatback Storage Pockets: 2 seatback storage pockets
Driver Footrest: driver's footrest
Retained Accessory Power: retained accessory power
Power Accessory Outlet: 5 12V DC power outlets

Entertainment Features:

radio SiriusXM AM/FM/Satellite with seek-scan
Voice Activated Radio: voice activated radio
Speed Sensitive Volume: speed-sensitive volume
Steering Wheel Radio Controls: steering-wheel mounted audio controls
Speakers: 6 speakers
Internet Access: FordPass Connect 4G internet access
1st Row LCD: 2 1st row LCD monitor
Wireless Connectivity: wireless phone connectivity
Antenna: integrated roof antenna

Lighting, Visibility and Instrumentation Features:

Headlamp Type delay-off aero-composite LED low/high beam headlamps
Auto-Dimming Headlights: Ford Co-Pilot360 - Auto High Beam auto high-beam headlights
Front Wipers: variable intermittent speed-sensitive wipers wipers
Rear Window wiper: fixed interval rear window wiper with heating wiper park
Rear Window Defroster: rear window defroster
Tinted Windows: deep-tinted windows

Dome Light: dome light with fade
Front Reading Lights: front and rear reading lights
Ignition Switch: ignition switch light
Variable IP Lighting: variable instrument panel lighting
Display Type: analog appearance
Tachometer: tachometer
Compass: compass
Exterior Temp: outside-temperature display
Low Tire Pressure Warning: tire specific low-tire-pressure warning
Park Distance Control: Reverse Sensing System rear parking sensors
Trip Computer: trip computer
Trip Odometer: trip odometer
Lane Departure Warning: lane departure
Blind Spot Sensor: blind spot
Front Pedestrian Braking: pedestrian detection
Following Distance Indicator: following distance alert
Forward Collision Alert: forward collision
Water Temp Gauge: water temp. gauge
Oil Level Gauge: oil level gauge
Clock: in-radio display clock
Systems Monitor: systems monitor
Rear Vision Camera: rear vision camera
Oil Pressure Warning: oil-pressure warning
Water Temp Warning: water-temp. warning
Battery Warning: battery warning
Lights On Warning: lights-on warning
Key in Ignition Warning: key-in-ignition warning
Low Fuel Warning: low-fuel warning
Low Washer Fluid Warning: low-washer-fluid warning
Bulb Failure Warning: bulb-failure warning
Door Ajar Warning: door-ajar warning
Trunk Ajar Warning: trunk-ajar warning
Brake Fluid Warning: brake-fluid warning
Transmission Fluid Temperature Warning: transmission-fluid-temperature warning

Safety And Security:

ABS four-wheel ABS brakes
Number of ABS Channels: 4 ABS channels
Brake Assistance: brake assist
Brake Type: four-wheel disc brakes
Vented Disc Brakes: front and rear ventilated disc brakes
Daytime Running Lights: daytime running lights
Spare Tire Type: compact spare tire
Spare Tire Mount: spare tire mounted inside under cargo
Driver Front Impact Airbag: driver and passenger front-impact airbags
Driver Side Airbag: seat-mounted driver and passenger side-impact airbags
Overhead Airbag: Safety Canopy System curtain 1st, 2nd and 3rd row overhead airbag
Knee Airbag: knee airbag
Occupancy Sensor: front passenger airbag occupancy sensor
Height Adjustable Seatbelts: height adjustable front seatbelts
Seatbelt Pretensioners: front seatbelt pre-tensioners
3Point Rear Centre Seatbelt: 3 point rear centre seatbelt
Side Impact Bars: side-impact bars
Tailgate/Rear Door Lock Type: tailgate/rear door lock included with power door locks
Rear Child Safety Locks: rear child safety locks
Ignition Disable: SecuriLock immobilizer
Panic Alarm: panic alarm
Electronic Stability: AdvanceTrac w/Roll Stability Control electronic stability stability control with anti-roll
Traction Control: Terrain Management System ABS and driveline traction control
Front and Rear Headrests: manual adjustable front head restraints

Rear Headrest Control: 3 rear head restraints

3rd Row Headrests: 2 manual adjustable third row head restraints

Seats And Trim:

Seating Capacity max. seating capacity of 7

Front Bucket Seats: front bucket seats

Number of Driver Seat Adjustments: 8-way driver and passenger seat adjustments

Reclining Driver Seat: power reclining driver and manual reclining passenger seats

Driver Height Adjustment: power height-adjustable driver and passenger seats

Driver Fore/Aft: power driver and passenger fore/aft adjustment

Driver Cushion Tilt: power driver and passenger cushion tilt

Front Centre Armrest Storage: front centre armrest

Rear Seat Type: rear manual reclining 35-30-35 split-bench seat

Rear Seat Fore/Aft: manual rear seat fore/aft adjustment

Rear Folding Position: rear seat fold-forward seatback

3rd Row Seat Type: fixed third row 50-50 bench seat

3rd Row Electric Control: fold into floor third row seat

Leather Upholstery: cloth front and rear seat upholstery

Door Trim Insert: cloth door panel trim

Headliner Material: full cloth headliner

Floor Covering: full carpet floor covering

Dashboard Console Insert, Door Panel Insert Combination: metal-look/piano black instrument panel insert, door panel insert, console insert

Floor Mats: carpet front and rear floor mats

Interior Accents: chrome/metal-look interior accents

Cargo Space Trim: carpet cargo space

Trunk Lid: plastic trunk lid/rear cargo door

Cargo Tie Downs: cargo tie-downs

Cargo Light: cargo light

Concealed Cargo Storage: concealed cargo storage

Standard Engine:

Engine 300-hp, 2.3-liter I-4 (premium)

Standard Transmission:

Transmission 10-speed automatic w/ OD