



CIVIL
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- Permitting
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- Contract Documents
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- Bidding Services
- Construction Inspection
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- Forensic Investigations
- Building Inspections
- Foundation Inspections
- Residential Structures
- Commercial Structures
- Structure Rehabilitation

Zanevan Engineering, LLC
 1221 Oak Street
 Carthage, MO 64836
 417.800.2500
 www.zanevan.com

ADDENDUM NO. 2

TO: All Holders of Plans and Contract Documents for
 TAP-1601(706) – Airport Drive and Fairview Avenue
 Jasper County, Carthage, Missouri

ISSUED: May 1, 2025

 Name of Bidder

 Receipt of Acknowledged By

Planholders:

This Addendum is hereby made a part of the Contract Documents to the same extent as if it were originally included herein. This Addendum shall be inserted into the Contract Documents and submitted with the Bid, and includes the following items:

BID SCHEDULE:

- 1) The attached Bid Proposal Form is hereby revised and shall be used for bid submission. The following changes are as follows:
 - a) Relocate Power Pole has been deleted. CWEP will install the power pole as shown on the plans.
 - b) Relocate Fire Hydrant has been revised to show 5 LF of D.I.P. to be included.
- 2) **NOTE:** The revised DBE forms attached to Addendum #1 shall be used for bid submission. The DBE goal is set at 0%.

PLANS:

- 1) The attached Plan Sheets C-1.0 and C-1.1 are hereby revised and shall be used for bid submission.

Sincerely,

Zanevan Engineering

Jason Eckhart, P.E.
 President/Owner

BID PROPOSAL FORM

Bidder assures and acknowledges that each unit or lump sum bid price includes the cost of all adjacent, incidental, related, and companion items which are shown on the drawings, called for in the specifications, or otherwise necessary to provide a complete and functional installation.

The OWNER reserves the right to increase, decrease, or delete from the Project quantities of work at the Unit Bid Price or Lump Sum Price in order to bring the total contract price to the budgeted project expenditures.

AIRPORT DRIVE QUANTITIES					
Item No.	Description	Unit	Qty	Unit Price	Extended Total
1-1	MOBILIZATION	LS	1		
1-2	SEEDING & MULCH	AC	0.1		
1-3	INLET CHECK	EA	5		
1-4	DITCH CHECK	LF	11		
1-5	REMOVAL OF IMPROVEMENTS	LS	1		
1-6	RELOCATE SIGN	EA	6		
1-7	RELOCATE MAILBOX	EA	4		
1-8	RELOCATE FIRE HYDRANT (INCLUDING 5 L.F. OF D.I.P.)	EA	1		
1-9	LINEAR GRADING	STA	25.5		
1-10	GRANULAR STONE BASE (2 IN. THICK)	SY	1228		
1-11	GRANULAR STONE BASE (4 IN. THICK)	SY	634		
1-12	4 IN. YELLOW SOLID (HIGH BUILD ACRYLIC WATERBORNE PAVEMENT MARKING PAINT)	LF	886		
1-13	4 IN. YELLOW INTERMITTENT (HIGH BUILD ACRYLIC WATERBORNE PAVEMENT MARKING PAINT)	LF	785		
1-14	6 IN. WHITE SOLID (HIGH BUILD ACRYLIC WATERBORNE PAVEMENT MARKING PAINT)	LF	317		
1-15	24 IN. WHITE STOP BAR (HIGH BUILD ACRYLIC WATERBORNE PAVEMENT MARKING PAINT)	LF	28		
1-16	30 IN. WHITE MIDBLOCK CROSSWALK (HIGH BUILD ACRYLIC WATERBORNE PAVEMENT MARKING PAINT)	LF	72		
1-17	WHITE TURN ARROW (HIGH BUILD ACRYLIC WATERBORNE PAVEMENT MARKING PAINT)	EA	2		
1-18	CURB INLET 4' x 8'	EA	2		
1-19	24" DIA. RCP	LF	7		
1-20	CURB AND GUTTER	LF	575		
1-21	CONCRETE PAVEMENT (7 IN. THICK)	SY	453.2		
1-22	SIDEWALK (4 IN. THICK) WITH FIBERMESH REINFORCEMENT	SY	1227.9		
1-23	CONCRETE ISLAND (8 IN. THICK)	SY	59.6		
1-24	CONCRETE BOX LID ADJUSTMENT	EA	1		
1-25	WATER VALVE ADJUSTMENT	EA	3		
1-26	8' x 3' CONCRETE BOX CULVERT (EXTENSION)	LS	1		
1-27	TACTILE WARNING SURFACE	SF	126.5		
1-28	TEMPORARY TRAFFIC CONTROL	LS	1		
1-29	SIGNAGE	SF	25.5		
1-30	PEDESTRIAN RAILING	LF	35		
1-31	PEDESTRIAN SIGNAL HEADS	LS	1		
AIRPORT DRIVE - SUBTOTAL					

FAIRVIEW AVENUE QUANTITIES					
2-1	MOBILIZATION	LS	1		
2-2	SEEDING & MULCH	AC	0.2		
2-3	SILT FENCE	LF	35		
2-4	INLET CHECK	EA	2		
2-5	DITCH CHECK	LF	78		
2-6	REMOVAL OF IMPROVEMENTS	LS	1		
2-7	RELOCATE SIGN	EA	2		
2-8	RELOCATE MAILBOX	EA	3		
2-9	LINEAR GRADING	STA	13.2		
2-10	GRANULAR STONE BASE (2 IN. THICK)	SY	611		
2-11	GRANULAR STONE BASE (4 IN. THICK)	SY	477		
2-12	6 IN. WHITE SOLID (HIGH BUILD ACRYLIC WATERBORNE PAVEMENT MARKING PAINT)	LF	264		
2-13	24 IN. WHITE STOP BAR (HIGH BUILD ACRYLIC WATERBORNE PAVEMENT MARKING PAINT)	LF	27		
2-14	15" DIA. RCP	LF	214		
2-15	21" DIA. RCP	LF	68		
2-16	CURB AND GUTTER	LF	134		
2-17	CONCRETE PAVEMENT (7 IN. THICK)	SY	435.1		
2-18	SIDEWALK (4 IN. THICK) WITH FIBERMESH REINFORCEMENT	SY	610.5		
2-19	CONCRETE RETAINING WALL	CY	1.3		
2-20	TACTILE WARNING SURFACE	SF	40		
2-21	TEMPORARY TRAFFIC CONTROL	LS	1		
2-22	PEDESTRIAN RAILING	LF	24		
2-23	PEDESTRIAN SIGNAL HEADS	LS	1		
FAIRVIEW AVENUE - SUBTOTAL					
TOTAL BID AMOUNT					

INDEX OF SHEETS

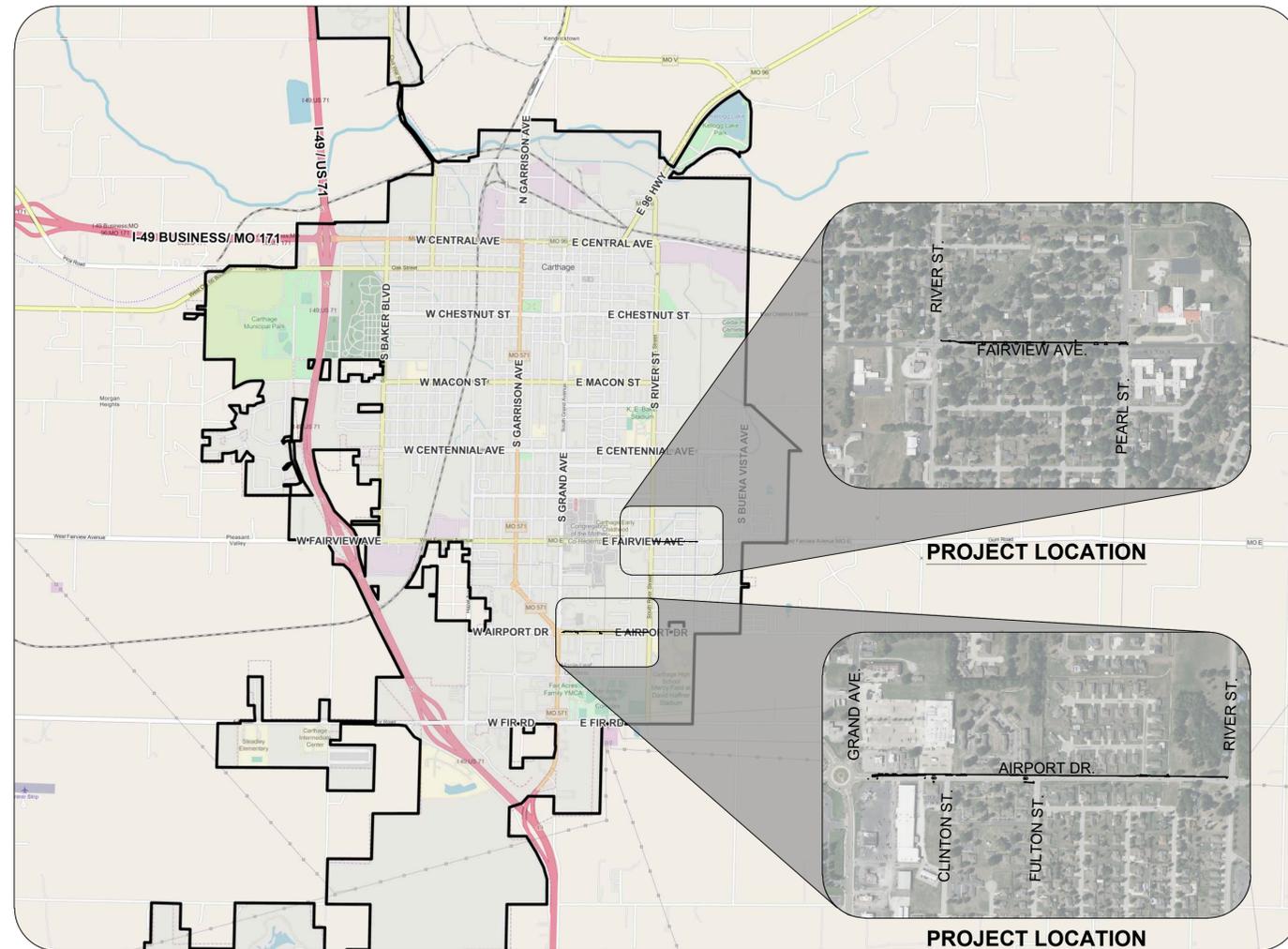
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- C-7.3 BOX CULVERT EXTENSION DETAILS
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- C-9.7 FAIRVIEW - D37D

TAP-1601(706)

SIDEWALK IMPROVEMENTS

AIRPORT DR. & FAIRVIEW AVE.

CARTHAGE, MISSOURI



PROJECT LOCATION MAP
NOT TO SCALE



CONTACT INFORMATION

ZANEVAN ENGINEERING
1221 OAK STREET
CARTHAGE, MO 64836
JASON ECKHART P.E.
(417) 800-2500

CITY OF CARTHAGE PUBLIC WORKS
623 E 7TH STREET
CARTHAGE, MO 64836
ZEB CARNEY
(417) 237-7010

UTILITIES INFORMATION

ELECTRIC
CARTHAGE WATER & ELECTRIC PLANT
627 W. CENTENNIAL AVE.
CARTHAGE, MO 64836
KEVIN EMERY
(417) 237-7300

WATER
CARTHAGE WATER & ELECTRIC PLANT
627 W. CENTENNIAL AVE.
CARTHAGE, MO 64836
JASON CHOATE
(417) 237-7300

NATURAL GAS
SPIRE ENERGY
520 E. 5TH ST.
JOPLIN, MO 64801
KEN STEGALL
(417) 626-4831

TELEPHONE
A.T.&T.
727 S. PEARL AVE.
JOPLIN, MO 64801
GENE LOLLIS

CABLE PROVIDER
OPTIMUM
TONY GILBERT

ELECTRIC
LIBERTY UTILITIES
3400 KODIAK ROAD
JOPLIN, MO 64804



NO.	REVISIONS	DESCRIPTION	BY	DATE
1	ADDENDUM NO. 2		CAW	5/1/2025

TAP-1601(706)
SIDEWALK IMPROVEMENTS
THE CITY OF CARTHAGE
AIRPORT DR. & FAIRVIEW AVE.
CARTHAGE, MISSOURI

C-1.0
COVER SHEET

PROJECT NUMBER:
240028
DATE:
5/1/2025

REVISION
ADDENDUM NO. 2

REV. NO.
△



CAUTION:
INFORMATION ON THIS DRAWING CONCERNING TYPE & LOCATION OF UNDERGROUND & OTHER UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE & LOCATION OF UNDERGROUND & OTHER UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.

Approved by: CITY OF CARTHAGE PUBLIC WORKS

Zeb Carney, Director of Public Works

1/4/25
Date



PHONE: 417-800-2500
1221 OAK ST.
CARTHAGE, MO 64836

SUMMARY OF QUANTITIES			
AIRPORT QUANTITIES			
Item No.	Description	Unit	Quantity
1-1	MOBILIZATION	LS	1
1-2	SEEDING & MULCH	AC	0.1
1-3	INLET CHECK	EA	5
1-4	DITCH CHECK	LF	11
1-5	REMOVAL OF IMPROVEMENTS	LS	1
1-6	RELOCATE SIGN	EA	6
1-7	RELOCATE MAILBOX	EA	4
1-8	RELOCATE FIRE HYDRANT (INCLUDING 5 L.F.OF D.I.P.)	EA	1
1-9	LINEAR GRADING	STA	25.5
1-10	GRANULAR STONE BASE (2 IN. THICK)	SY	1228
1-11	GRANULAR STONE BASE (4 IN. THICK)	SY	634
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1-26	8' x 3' CONCRETE BOX CULVERT (EXTENSION)	LS	1
1-27	TACTILE WARNING SURFACE	SF	126.5
1-28	TEMPORARY TRAFFIC CONTROL	LS	1
1-29	SIGNAGE	SF	25.5
1-30	PEDESTRIAN RAILING	LF	35.0
1-31	PEDESTRIAN SIGNAL HEADS	LS	1

FAIRVIEW QUANTITIES			
Item No.	Description	Unit	Quantity
2-1	MOBILIZATION	LS	1
2-2	SEEDING & MULCH	AC	0.2
2-3	SILT FENCE	LF	35
2-4	INLET CHECK	EA	2
2-5	DITCH CHECK	LF	78
2-6	REMOVAL OF IMPROVEMENTS	LS	1
2-7	RELOCATE SIGN	EA	2
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2-15	21" DIA. RCP	LF	68
2-16	CURB AND GUTTER	LF	134
2-17	CONCRETE PAVEMENT (7 IN. THICK)	SY	435.1
2-18	SIDEWALK (4 IN. THICK) WITH FIBERMESH REINFORCEMENT	SY	610.5
2-19	CONCRETE RETAINING WALL	CY	1.3
2-20	TACTILE WARNING SURFACE	SF	40
2-21	TEMPORARY TRAFFIC CONTROL	LS	1
2-22	PEDESTRIAN RAILING	LF	24.0
2-23	PEDESTRIAN SIGNAL HEADS	LS	1

GENERAL NOTES:

- ALL WORK, MATERIALS, AND DETAILS SHALL BE IN ACCORDANCE WITH THE MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AND THE STANDARD SPECIFICATIONS FOR THE CITY OF CARTHAGE, MISSOURI. CONTRACTORS SHALL OBTAIN A COPY OF THESE STANDARDS TO ENSURE COMPLIANCE.
- EXISTING UTILITIES AND UNDERGROUND INSTALLATIONS HAVE BEEN LOCATED TO THE GREATEST EXTENT PRACTICAL THROUGH REVIEW OF CONSTRUCTION PLANS AND SURFACE OBSERVATIONS. THE CONTRACTOR SHALL FIELD VERIFY ALL HORIZONTAL AND VERTICAL LINES AND GRADES OF EXISTING UTILITIES PRIOR TO THE CONSTRUCTION OF IMPROVEMENTS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY UPON DISCOVERING A DISCREPANCY BETWEEN THE CONTRACT DRAWINGS AND ACTUAL FIELD CONDITIONS. CONTACT ONE CALL.
- THE CONTRACTOR MUST COORDINATE CONSTRUCTION WITH THE NECESSARY AUTHORITIES.
- NO WORK SHALL COMMENCE UNTIL ALL NECESSARY PERMITS ARE OBTAINED BY THE OWNER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LINE AND GRADE STAKES.
- CONTRACTOR SHALL REMOVE, PRESERVE, AND REPLACE ALL SIGNS, MAIL BOXES, FENCES, METAL FLAG POLE BASES AND THE LIKE, WITHIN THE LIMITS OF THE PROPOSED IMPROVEMENTS.
- ALL TRAFFIC WAYS INCLUDING DRIVEWAYS, ALLEYWAYS, ETC., SHALL REMAIN ACCESSIBLE TO RESIDENTIAL AND EMERGENCY VEHICLES DURING PROJECT DURATION.
- ALL CONSTRUCTION AND EXCAVATION ACTIVITIES SHALL BE CONFINED TO EASEMENTS, ROAD RIGHT-OF-WAY, AND/OR WORK AREA LIMITS AS SHOWN ON DRAWINGS.
- CONTRACTOR SHALL RAISE OR LOWER ALL AFFECTED MANHOLE RIMS AND VALVE BOXES IN THE WORK AREA TO MATCH PROPOSED GRADE.
- ALL AREAS DISTURBED BY CONSTRUCTION ARE FIRST TO BE FINE GRADED AND THEN FOLLOWED BY SEED AND STRAW MULCH, UNLESS OTHERWISE NOTED, OVER, MIN. 4" TOPSOIL STOCKPILED FROM SITE OR HAULED IN AS REQUIRED.
- PROVIDE POSITIVE DRAINAGE FROM ALL IMPROVED AREAS, SO THAT RUNOFF DRAINS TO DRAIN WAYS.
- ALL CONTOURS AND SPOT ELEVATIONS SHOWN ARE FINISH GRADE.
- ANY DAMAGE TO EXISTING STRUCTURES, VEGETATION, OR IMPROVEMENTS RESULTING FROM NEW CONSTRUCTION ACTIVITIES SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- ALL SIDEWALKS AND ADA RAMPS SHALL BE IN ACCORDANCE WITH ADA REGULATIONS.
- EROSION CONTROL PLAN SHALL BE FOLLOWED AS DETAILED IN THE ACCOMPANYING SWPPP - STORMWATER POLLUTION PREVENTION PLAN. CONTRACTOR TO PROTECT ANY STORM INLETS, THAT RECEIVE STORM WATER FROM THE AREA OF CONSTRUCTION, FROM SEDIMENT. EROSION CONTROL DEVICES SHALL BE MAINTAINED DURING THE WHOLE CONSTRUCTION PERIOD BY THE CONTRACTOR. ALL EROSION CONTROL DEVICES, NOT LISTED IN THE PLANS, SHALL BE INCIDENTAL TO CONSTRUCTION.
- ALL TRENCHES, WHICH LIE UNDER PROPOSED PAVEMENT, OR LIE WITHIN TWO FEET OF BACK OF CURB, SHALL BE BACKFILLED TO PAVEMENT SUB-GRADE WITH COMPACTED GRANULAR BACK FILL.
- TRENCHES SHALL BE COMPACTED TO 95% STANDARD PROCTOR WHEN PIPES ARE LAID IN FILL.
- ANY REMOVALS NECESSARY TO COMPLETE THE PROJECT AS SHOWN ON THE PLANS, BUT NOT QUANTIFIED IN THE REMOVAL OF IMPROVEMENTS PAY ITEM, SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
- CONTRACTOR SHALL LOCATE ALL SUMP/HOUSE DRAIN LOCATIONS ALONG PROPOSED SIDEWALK AND INSTALL SIDEWALK DRAIN AS NECESSARY. ALL SIDEWALK DRAINS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
- ALL VALVES, LIDS AND BOXES LOCATED WITHIN THE PROPOSED SIDEWALK SHALL BE RAISED OR LOWERED AND MADE ADA COMPLIANT. ANY SUCH ITEMS NOT QUANTIFIED ON THE PAY ITEMS LIST, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.

CURB & GUTTER CONSTRUCTION

- CONTRACTOR TO SAW CUT EXISTING ASPHALT STREETS.
- CURB & SIDEWALK SHALL MAINTAIN A UNIFORM GRADE WITH AS FEW BREAKS AS POSSIBLE.

STAGES OF CONSTRUCTION:

- CONTRACTOR TO PERFORM DETAILED SITE INSPECTION TO LOCATE ALL EXISTING UTILITIES AND VERIFY ANY POSSIBLE CONFLICTS WITH PROPOSED IMPROVEMENTS PRIOR TO BEGINNING ANY CONSTRUCTION. CONTACT ENGINEER WITH ANY CONFLICTS.
- INSTALLATION OF EROSION CONTROL MEASURES.
- INSTALLATION OF ALL STORM WATER DRAINAGE IMPROVEMENTS.
- FINAL GRADING.
- PLACEMENT OF FINAL LANDSCAPING ITEMS AND SOD.
- REMOVAL OF EROSION CONTROL MEASURES.

TURF REINFORCEMENT NOTE:

TURF REINFORCEMENT SHALL BE INSTALLED ON ALL SLOPES THAT EXCEED 3H:1V. TURF REINFORCEMENT MAT SHALL BE INSTALLED AND STAPLED AS PER THE MANUFACTURER'S SPECIFICATIONS. TURF REINFORCEMENT SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.

SEEDING AND MULCHING NOTE:

ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED PER THE MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

CAUTION:
CONTRACTOR SHALL FIELD VERIFY PROPOSED GRADES MATCH EXISTING ELEVATIONS AT INDICATED LOCATIONS. CONTRACTOR SHALL NOTIFY ENGINEER IF DISCREPANCY OCCURS.
THE DEPTH OF ALL EXISTING UTILITIES AS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL FIELD-VERIFY ACTUAL DEPTHS AT ALL CROSSINGS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER IF CONFLICT OCCURS.

UTILITY RELOCATIONS:
KNOWN CONFLICTING UTILITY MAINS SHALL BE RELOCATED BY OTHERS. SERVICE LINES IN CONFLICT SHALL BE RELOCATED DURING CONSTRUCTION. CONTRACTOR SHALL EXCAVATE AND EXPOSE EXISTING SERVICE LINES IN CONFLICT.
UTILITY PROVIDERS SHALL RELOCATE SERVICE LINES AND INSTALL NEW CONNECTIONS.
CONTRACTOR SHALL BACKFILL AND REPLACE PAVEMENT AFTER NEW SERVICE CONNECTIONS ARE COMPLETED.

NOTE FOR CURB AND GUTTER REPLACEMENT:
ALL NEW CURB AND GUTTER SHALL MEET APPLICABLE CITY AND/OR COUNTY SPECIFICATIONS AND STANDARD DETAILS. CONTRACTOR SHALL MATCH EXISTING GUTTER FLOW LINES FOR PLACEMENT OF NEW CURB AND GUTTER, EXCEPT WHERE STATED OTHERWISE ON THE PLANS.
CONTRACTOR SHALL GRADE FROM BACK OF CURB TO TEMPORARY CONSTRUCTION EASEMENT OR RIGHT OF WAY AS NECESSARY TO MAINTAIN POSITIVE DRAINAGE TO TOP OF CURB.

LEGEND
(USED IN PLANS)

-----	EXISTING STORM WATER	☐	EXISTING MAILBOX
-----	EXISTING FEATURE	☐	EXISTING STORM INLET
-----	EXISTING FENCE	▲	EXISTING WATER METER
-----	EXISTING GUARDRAIL	⋈	EXISTING WATER VALVE
-----	SECTION LINE	●	EXISTING FIRE HYDRANT
-----	EXISTING PROPERTY LINE	●	EXISTING SANITARY MANHOLE
-----	EXISTING EASEMENT	×	EXISTING SANITARY CLEANOUT
-----	EXISTING GAS LINE	★	EXISTING POWER POLE
-----	EXISTING WATER LINE	★	EXISTING LIGHT POLE
-----	EXISTING SANITARY SEWER	←	EXISTING GUY WIRE ANCHOR
-----	EXISTING UNDERGROUND ELECTRIC	←	EXISTING GROUND LIGHT
-----	EXISTING OVERHEAD ELECTRIC	◻	EXISTING TELEPHONE PEDESTAL
-----	EXISTING UNDERGROUND TELEPHONE	⊕	EXISTING SIGN
-----	EXISTING OVERHEAD TELEPHONE	⊕	EXISTING TREE
-----	EXISTING FIBER OPTIC	⊕	CONTROL POINT
-----	EXISTING UNDERGROUND CABLE TV	⊕	FOUND CORNER
-----	EXISTING OVERHEAD CABLE TV	⊕	EXISTING BENCHMARK
-----	DITCH (FLOW DIRECTION)		

ABBREVIATION TABLE

STA:	STATION
OFF:	OFFSET
FL:	FLOW LINE
EG:	EXISTING GRADE
FG:	FINISH GRADE
BC:	BACK OF CURB
GL:	GUTTER LINE
EX:	EXISTING
PR:	PROPOSED
R/W	RIGHT-OF-WAY
ℓ	PROPERTY LINE
TBM	TEMPORARY BENCHMARK
CP	CONTROL POINT
℄	CENTERLINE
TYP.	TYPICAL
TEMP.	TEMPORARY



NO.	DATE	BY	DESCRIPTION
1	5/1/2025	CAW	ADDENDUM NO. 2

TAP-1601(706)
SIDEWALK IMPROVEMENTS
THE CITY OF CARTHAGE
AIRPORT DR. & FAIRVIEW AVE.
CARTHAGE, MISSOURI

C-1.1
GENERAL NOTES
PROJECT NUMBER:
240028
DATE:
5/1/2025

