

SYMBOL LEGEND

	MONUMENT FOUND		WATER METER
	HORIZONTAL CONTROL POINT		WATER VALVE
	CALCULATED POINT		FIRE HYDRANT
	BENCHMARK		WATERSPRINKER
	RIGHT-OF-WAY MARKER		WATER HYDRANT
	SIGN (ONE POST)		TRAFFIC SIGNAL BOX
	SIGN (TWO POST)		TRAFFIC MANHOLE
	STOP SIGN		TRAFFIC SIGNAL
	MAILBOX		GAS VALVE
	POST		GAS METER
	MANHOLE LID		GAS TEST STATION
	ROOF DRAIN		TELEPHONE PEDESTAL
	BORE HOLE		HANDHOLE
	FLAG POLE		SANITARY MANHOLE
	LIGHT POLE WITH ARM		SANITARY CLEAN OUT
	LIGHT POLE		TELEVISION (CABLE) PEDESTAL
	GUY POLE		AREA INLET
	GUYANCHOR		STORM MANHOLE
	UTILITY POLE		STORM SEWER CURB INLET
	ELECTRIC PEDESTAL		VENT PIPE
	ELECTRIC MANHOLE		MONITORING WELL
	ELECTRIC METER		
	DECIDUOUS TREE		
	EVERGREEN TREE		
	TREE STUMP		
	SHRUB		
	EVERGREEN SHRUB		

LINE TYPE LEGEND

	LOT LINES / RIGHT-OF-WAY
	EASEMENT LINE
	SECTION LINE
	CENTER LINE OF ROAD
	CURB & GUTTER
	SANITARY SEWER
	SANITARY SEWER FORCE MAIN
	STORM SEWER SYSTEM
	UNDER GROUND CABLE TV
	UNDER GROUND ELECTRIC
	OVERHEAD ELECTRIC
	UNDER GROUND TELEPHONE
	FIBER OPTICS
	WATER LINE
	GAS LINE
	WOODEN FENCE
	CHAINLINK FENCE
	BARBED WIRE FENCE
	RETAINING WALL
	CONTOUR MAJOR
	CONTOUR MINOR
	LANDSCAPE EDGE
	SHRUB LINE

CITY OF COLUMBIA
BOONE COUNTY, MISSOURI

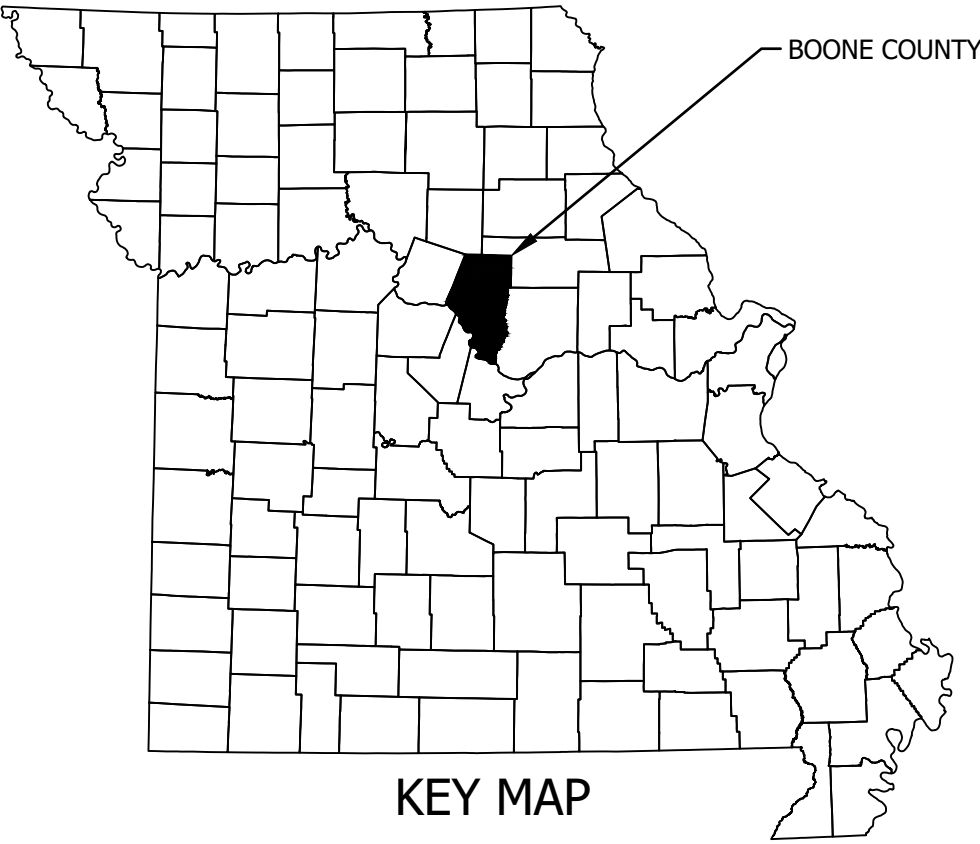
OLD PLANK ROAD CULVERT REPLACEMENT

FEDERAL AID PROJECT NO. BRO-R118(002)

OCTOBER 2025



LOCATION MAP



SHEET NO.
1
2
3

SHEET INDEX:

DESCRIPTION
COVER SHEET
TYPICAL SECTIONS
CULVERT PLAN

COVER SHEET

BRO-R118(002)
OLD PLANK ROAD CULVERT REPLACEMENT
COLUMBIA, BOONE COUNTY, MISSOURI

NOT FOR CONSTRUCTION

CALL OR CLICK 3 DAYS BEFORE YOU DIG!

1-800-DIG-RITE or 811
www.mo1call.com

PRELIMINARY PLANS

SEALED DATE:	=====
DESIGNED BY:	LEK
DRAWN BY:	LEK
APPROVED BY:	DCF
DESIGN PROJ:	16137.020
DATE:	OCTOBER 2025
DRAWING NO:	1
SHEET NO:	1 of 3

DESIGN DATA

DESIGN SPEED: 30 MPH
CONSTRUCTION BEGINNING: STA. 0+42.20
CONSTRUCTION END: STA. 1+51.45
PROJECT LENGTH: 109.25 LF



NOTE:
8" BED OF WELL GRADED SAND AND
GRAVEL WITH GRAVEL UP TO 3" SHALL
BE USED IN PLACE OF ROCK LINER
FABRIC IN STREAM BED

artlett & West
601 MONROE STREET, SUITE 201 - JEFFERSON, MO 65101
573.634.3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
www.artlettwest.com

BRO-R118(002)
OLD PLANK ROAD CULVERT REPLACEMENT
COLUMBIA, BOONE COUNTY, MISSOURI

NOT FOR CONSTRUCTION

EALED DATE:	=====
ESIGNED BY:	LEK
RAWN BY:	LEK
PPROVED BY:	DCF
ESIGN PROJ:	16137.020
DATE:	OCTOBER 2025
DRAWING NO:	2
SHEET NO:	2 of 3

OWNER: HIGHLANDS HOMES ASSOCIATION

INSTALL 182 SY TYPE 1 RIP RAP, 2' THICK
THE RIP RAP SHALL BE PLACED THROUGH CULVERT
(NOT SHOWN FOR CLARITY)
8" BED OF WELL GRADED SAND AND GRAVEL SHALL
BE USED IN PLACE OF ROCK LINER FABRIC IN
STREAM BED

—GRADING LIMIT:

REMOVE EXISTING
66" CMP

POSTSTREAM WING WALL

REMOVE AND REPLACE 275 SY
ASPHALT PAVEMENT

OLD PLANK ROAD

04-19
OLD PLANK ROAD

OWNER: CITY OF COLUMBIA

OWNER: CREEK RIDGE HOMES ASSOCIATION

CULVERT PLAN

BRO-R118(002)
OLD PLANK ROAD CULVERT REPLACEMENT
COLUMBIA, BOONE COUNTY, MISSOURI

NOT FOR CONSTRUCTION

RELEASED DATE:	=====
DESIGNED BY:	LEK
RAWN BY:	LEK
APPROVED BY:	DCF
DESIGN PROJ:	16137.020
DATE:	OCTOBER 2025
DRAWING NO:	3
SHEET NO:	3 of 3

Drawing Name: c:\Users\leko1875\Documents\Bartlett & West\16137_020 - Old Plank Road BRO\Project Files\AutoCAD\Plan Set\16137_020C_Plan & Profile.dwg Layout Name: CULVERT PLAN Plotted on: 10/7/2025 1:34:08 PM
Last edit on: 10/7/2025 1:08 PM by: LEKO1875



CULVERT PLAN
SCALE: 1"=10'

SCALE: 1"=10'

