

## SYMBOL LEGEND

<input type="checkbox"/>	MONUMENT FOUND		WATER METER
<input checked="" type="checkbox"/>	HORIZONTAL CONTROL POINT		WATER VALVE
<input type="radio"/>	CALCULATED POINT		FIRE HYDRANT
<input checked="" type="checkbox"/> BM	BENCHMARK		WATERSPRINKER
<input checked="" type="checkbox"/>	RIGHT-OF-WAY MARKER		WATER HYDRANT
<input type="line"/>	SIGN (ONE POST)		TRAFFIC SIGNAL BOX
<input type="line"/>	SIGN (TWO POST)		TRAFFIC MANHOLE
<input checked="" type="checkbox"/>	STOP SIGN		TRAFFIC SIGNAL
<input type="checkbox"/>	MAILBOX		GAS VALVE
<input type="radio"/>	POST		GAS METER
<input type="circle"/>	MANHOLE LID		GAS TEST STATION
<input type="checkbox"/>	ROOF DRAIN		TELEPHONE PEDESTAL
<input checked="" type="checkbox"/>	BORE HOLE		HANDHOLE
<input type="radio"/>	FLAG POLE		SANITARY MANHOLE
<input type="line"/>	LIGHT POLE WITH ARM		SANITARY CLEAN OUT
<input checked="" type="checkbox"/>	LIGHT POLE		TELEVISION (CABLE) PEDESTAL
<input type="radio"/>	GUY POLE		AREA INLET
<input type="line"/>	GUYANCHOR		STORM MANHOLE
<input type="circle"/>	UTILITY POLE		STORM SEWER CURB INLET
<input checked="" type="checkbox"/>	ELECTRIC PEDESTAL		VENT PIPE
<input checked="" type="checkbox"/>	ELECTRIC MANHOLE		MONITORING WELL
<input checked="" type="checkbox"/>	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
SAN SAN SAN SAN	SANITARY SEWER
FM FM FM FM FM	SANITARY SEWER FORCE MAIN
 -----	STORM SEWER SYSTEM
UGCT UGCT UGCT UGCT	UNDER GROUND CABLE TV
UGE UGE UGE UGE	UNDER GROUND ELECTRIC
OHE OHE OHE OHE	OVERHEAD ELECTRIC
UGT UGT UGT UGT	UNDER GROUND TELEPHONE
FO FO FO FO FO	FIBER OPTICS
W W W W W	WATER LINE
G G G G G	GAS LINE
□ ----- □ ----- □ ----- □ ----- □ -----	WOODEN FENCE
○ ----- ○ ----- ○ ----- ○ ----- ○ -----	CHAINLINK FENCE
X ----- X ----- X ----- X ----- X -----	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

## DESIGN DATA

---

**DESIGN SPEED: 30 MPH**

# CONSTRUCTION BEGINNING: STA. 0+42.20

CONSTRUCTION END: STA. 1+51.45

**PROJECT LENGTH: 109.25 LF**

**CALL OR CLICK 3 DAYS BEFORE YOU DIG!**

**1-800-DIG-RITE or 811**

**[www.mo1call.com](http://www.mo1call.com)**

# PRELIMINARY PLANS

# Bartlett & West

**601 MONROE STREET, SUITE 201 - JEFFERSON, MO 65101**  
**573.634.3181**  
**CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING**  
**[www.bartlettwest.com](http://www.bartlettwest.com)**

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

# COVER SHEET

**601 MONROE STREET, SUITE 201 - JEFFERSON, MO 65101**  
**573.634.3181**  
**CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING**  
**[www.bartlettwest.com](http://www.bartlettwest.com)**

**601 MONROE STREET, SUITE 201 - JEFFERSON, MO 65101**  
**573.634.3181**  
**CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING**  
**[www.bartlettwest.com](http://www.bartlettwest.com)**

DATE:	=====		
NED BY:	LEK		
N BY:	LEK		
VED BY:	DCF		
N PROJ:	16137.020		
OCTOBER 2025			
ING NO:	1		
NO:	1	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

OLD PLANK ROAD

PLANK WAY

Drawing Name: c:\Users\leek\16137.020 - Old Plank Road BRO\Project Files\AutoCAD\Plan Set\16137.020\Plan &amp; Profile.dwg Layout Name: CULVERT PLAN

Last edit on: 10/7/2025 1:08 PM by: LEK

**CULVERT PLAN**  
SCALE: 1"-10'

0 10' 20'

OWNER: CITY OF COLUMBIA

OWNER: CREEK RIDGE HOMES ASSOCIATION

**Bartlett & West**

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

601 MONROE STREET, SUITE 201 - JEFFERSON, MO 65101  
CERTIFICATE OF AUTHORITY NO. 000167 - 573.634.3181  
www.bartlettwest.com

ALL RIGHTS RESERVED. ALL BARTLETT &amp; WEST PLANS, SPECIFICATIONS AND DRAWINGS ARE PROTECTED UNDER COPYRIGHT LAW, AND NO PART MAY BE COPIED, REPRODUCED, DISPLAYED PUBLICLY, USED TO CREATE DERIVATIVES, DISTRIBUTED, STORED IN A RETRIEVAL SYSTEM OR TRANSMITTED IN ANY FORM BY ANY MEANS WITHOUT PRIOR WRITTEN PERMISSION OF BARTLETT &amp; WEST.

**NOT FOR CONSTRUCTION**

#	DATE	DESCRIPTION
3	OCTOBER 2025	

3 of 3