

WESTERN ROCKCASTLE WATER ASSOCIATION ROCKCASTLE COUNTY, KENTUCKY CONTRACT 12: WATER SYSTEM IMPROVEMENTS & REPLACEMENTS

TABLE OF CONTENTS

COVER	
LOCATION MAP	LM-1
AERIAL PLAN SHEETS	1 - 10
GREENFISH HILL PRV NO. 1	PRV-1
GREENFISH HILL PRV NO. 2	PRV-2
STANDARD DETAILS	SD-1 - SD-2
EROSION CONTROL DETAILS	EC-1

COMMISSIONERS
 DARRELL WHITAKER, PRESIDENT
 JULIE PIGG
 ALBERT MARTIN
 JERRY WOODALL
 TERRY RENNER

PAULA DeBORDE, MANAGER
 JOHN FORD, ATTORNEY

THIS PROJECT FUNDED BY:

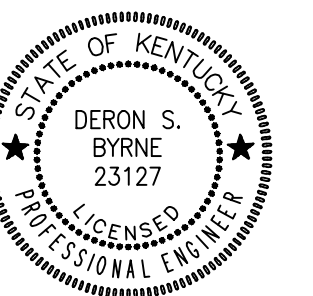
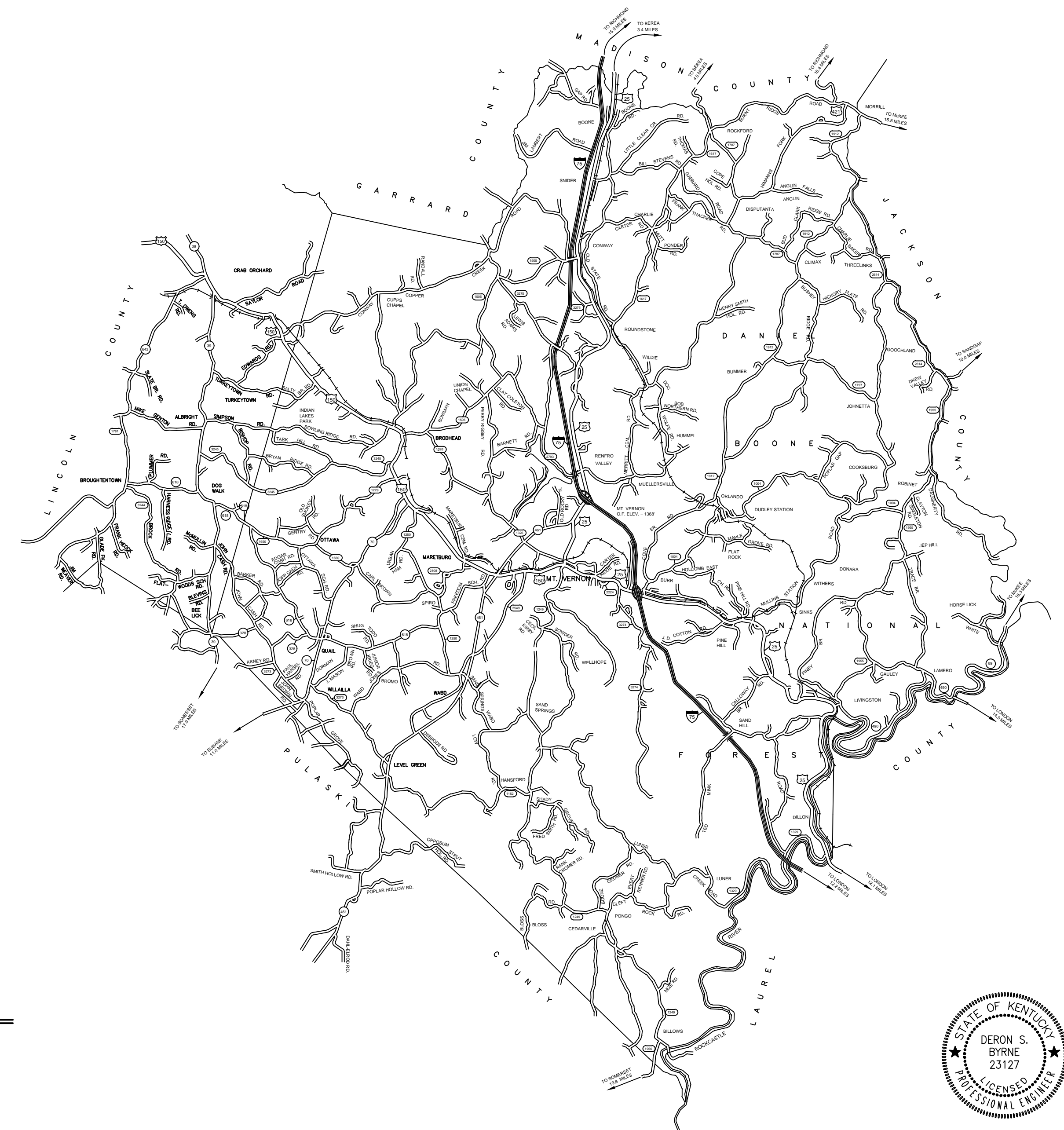
U.S.D.A. RURAL DEVELOPMENT

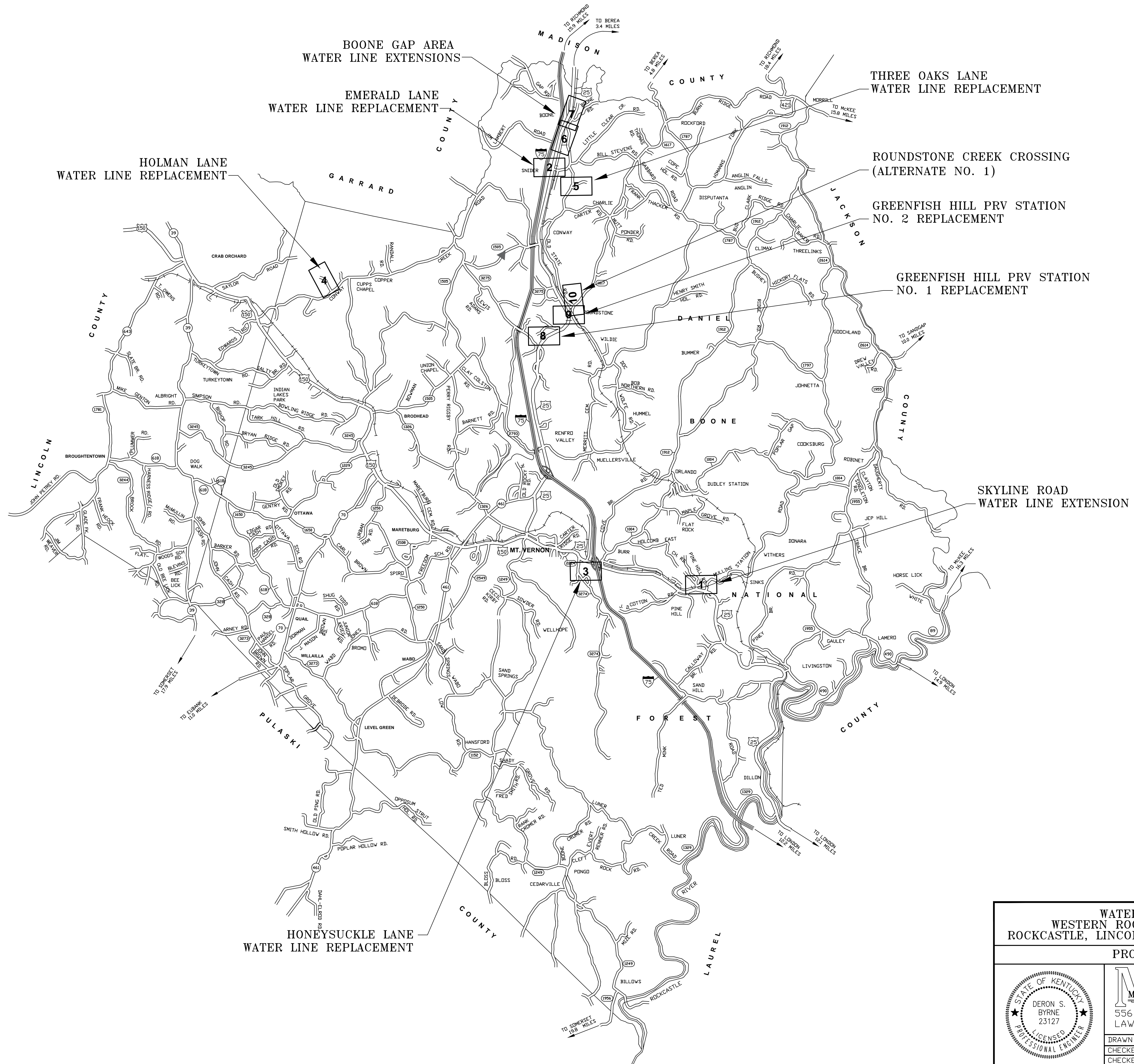
JULY 2023

M
Monarch Engineering, Inc.

556 CARLTON DRIVE
 LAWRENCEBURG, KY 40342

LOCATION MAP





BOONE GAP AREA
WATER LINE EXTENSIONS

EMERALD LANE
WATER LINE REPLACEMENT

HOLMAN LANE
WATER LINE REPLACEMENT

THREE OAKS LANE
WATER LINE REPLACEMENT

ROUNDSTONE CREEK CROSSING
(ALTERNATE NO. 1)

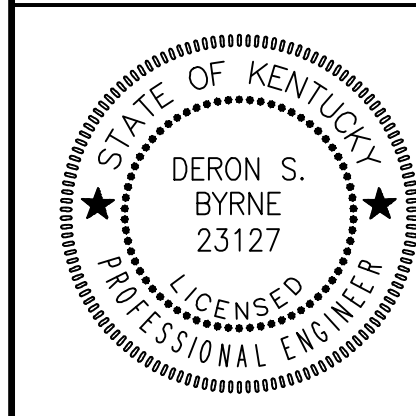
GREENFISH HILL PRV STATION
NO. 2 REPLACEMENT

GREENFISH HILL PRV STATION
NO. 1 REPLACEMENT

SKYLINE ROAD
WATER LINE EXTENSION

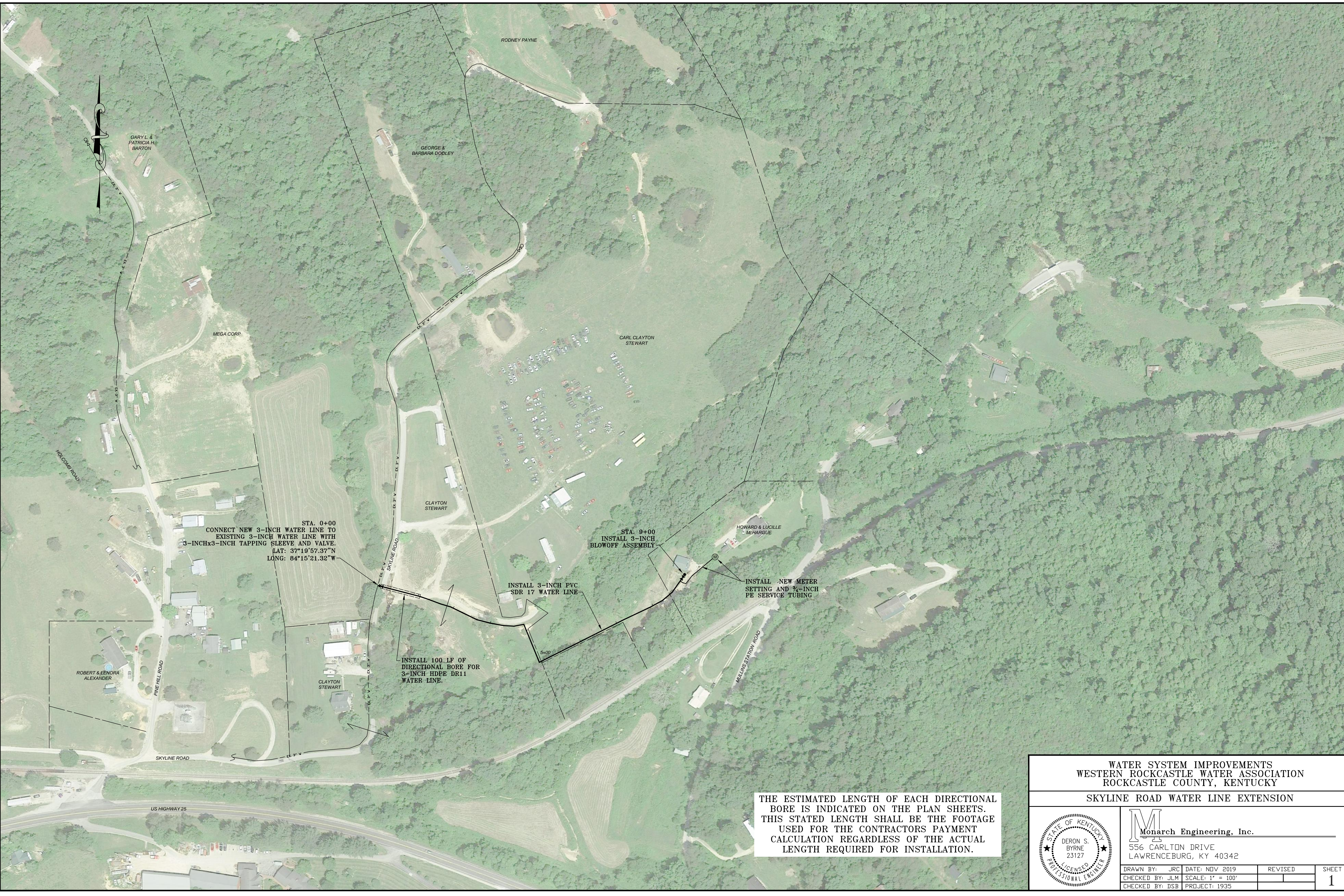
HONEYSUCKLE LANE
WATER LINE REPLACEMENT

WATER SYSTEM EXTENSIONS
WESTERN ROCKCASTLE WATER ASSOCIATION
ROCKCASTLE, LINCOLN & PULASKI COUNTIES, KENTUCKY
PROJECT LOCATION MAP



Monarch Engineering, Inc.
556 CARLTON DRIVE
LAWRENCEBURG, KY 40342

DRAWN BY: JRC	DATE: NOV 2019	REVISED	SHEET
CHECKED BY: JLM	SCALE: N.T.S.		LM-1
CHECKED BY: DSB	PROJECT: 1935		



STA. 0+00
 CONNECT NEW 3-INCH WATER LINE TO
 EXISTING 3-INCH WATER LINE WITH
 3-INCHx3-INCH TAPPING SLEEVE AND VALVE.
 LAT: 37°19'57.37"N
 LONG: 84°15'21.32"W

STA. 9+00
 INSTALL 3-INCH
 BLOWOFF ASSEMBLY

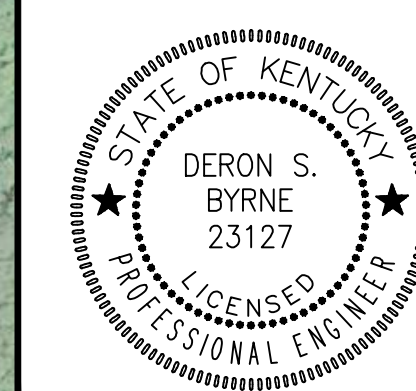
INSTALL 3-INCH PVC
 SDR 17 WATER LINE

INSTALL NEW METER
 SETTING AND 3/4-INCH
 PE SERVICE TUBING

INSTALL 100 LF OF
 DIRECTIONAL BORE FOR
 3-INCH HDPE DR11
 WATER LINE.

THE ESTIMATED LENGTH OF EACH DIRECTIONAL
 BORE IS INDICATED ON THE PLAN SHEETS.
 THIS STATED LENGTH SHALL BE THE FOOTAGE
 USED FOR THE CONTRACTORS PAYMENT
 CALCULATION REGARDLESS OF THE ACTUAL
 LENGTH REQUIRED FOR INSTALLATION.

WATER SYSTEM IMPROVEMENTS
 WESTERN ROCKCASTLE WATER ASSOCIATION
 ROCKCASTLE COUNTY, KENTUCKY
 SKYLINE ROAD WATER LINE EXTENSION




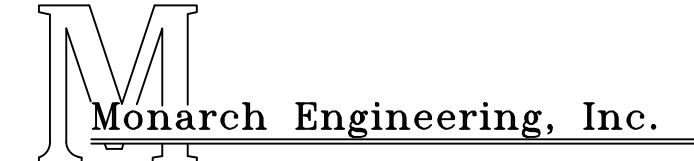
Monarch Engineering, Inc.
 556 CARLTON DRIVE
 LAWRENCEBURG, KY 40342

DRAWN BY: JRC	DATE: NOV 2019	REVISED	SHEET
CHECKED BY: JLM	SCALE: 1" = 100'		1
CHECKED BY: DSB	PROJECT: 1935		



**WATER SYSTEM IMPROVEMENTS
WESTERN ROCKCASTLE WATER ASSOCIATION
ROCKCASTLE COUNTY, KENTUCKY**

EMERALD LANE WATER LINE REPLACEMENT

	 Monarch Engineering, Inc. 556 CARLTON DRIVE LAWRENCEBURG, KY 40342		DATE: NOV 2019 SCALE: 1" = 100' PROJECT: 1935	REVISED 	SHEET 2
	DRAWN BY: JRC CHECKED BY: JLM CHECKED BY: DSB	DATE: NOV 2019 SCALE: 1" = 100' PROJECT: 1935	REVISED 		



STA. 0+00
 CONNECT NEW 3-INCH WATER LINE TO
 EXISTING 4-INCH WATER LINE WITH
 4-INCHx3-INCH TAPPING SLEEVE AND VALVE.
 LAT: 37°20'31.65"N
 LONG: 84°18'54.89"W

INSTALL 100 LF OF BORE &
 CASE FOR 3-INCH WATER LINE

STA. 9+80
 INSTALL 3-INCH
 BLOWOFF ASSEMBLY

KY HIGHWAY 3274
 M.P. 4.02

BORE PIT

INSTALL 3-INCH PVC
 SDR 17 WATER LINE

EXISTING 1-INCH
 SERVICE LINE
 (TO BE ABANDONED)

METER RECONNECTION.
 CONNECT EXISTING METER TO NEW
 3-INCH WATER LINE WITH NEW
 3/4-INCH SERVICE TUBING. (TYP.)

JEFFERY & GINA
 NICELY

DAVID WENDELL
 OWENS

JOHNNY & NANCY
 HALE

MARVIN, KEITH &
 MELISSA MCGUIRE

HARVEY VANZANT EST.
 c/o ANTHONY DURHAM

MINDY & JOHN
 LUNSFORD

CHARLES &
 RAY PHILBECK

**WATER SYSTEM IMPROVEMENTS
 WESTERN ROCKCASTLE WATER ASSOCIATION
 ROCKCASTLE COUNTY, KENTUCKY**

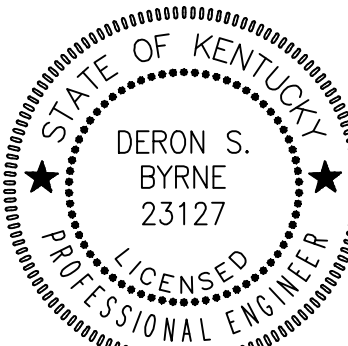
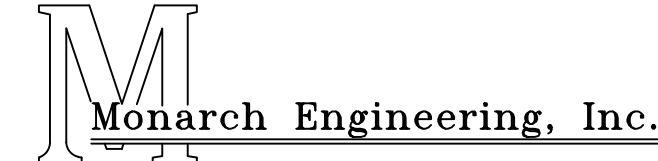
HONEYSUCKLE LANE WATER LINE REPLACEMENT

	 Monarch Engineering, Inc. 556 CARLTON DRIVE LAWRENCEBURG, KY 40342		DATE: NOV 2019 SCALE: 1" = 100' PROJECT: 1935	REVISED 	SHEET 3
	DRAWN BY: JRC	CHECKED BY: JLM	CHECKED BY: DSB		



**WATER SYSTEM IMPROVEMENTS
WESTERN ROCKCASTLE WATER ASSOCIATION
ROCKCASTLE COUNTY, KENTUCKY**

HOLMAN LANE WATER LINE REPLACEMENT

	 Monarch Engineering, Inc. 556 CARLTON DRIVE LAWRENCEBURG, KY 40342		DATE: NOV 2019 SCALE: 1" = 100' PROJECT: 1935	REVISED 	SHEET 4
	DRAWN BY: JRC	CHECKED BY: JLM			



STA. 7+00
 CONNECT NEW 3-INCH WATER LINE TO
 EXISTING 3-INCH WATER LINE WITH
 3-INCHx3-INCH TAPPING SLEEVE AND VALVE.
 LAT: 37° 29' 23.68" N
 LONG: 84° 18' 56.30" W

INSTALL 30 LF OF OPEN CUT &
 CASE WITH PAVEMENT REPLACEMENT
 FOR 3-INCH WATER LINE

INSTALL 3-INCH PVC SDR
 17 WATER LINE

STA. 11+00
 INSTALL 3-INCH
 BLOWOFF ASSEMBLY

INSTALL 3-INCH
 WATER LINE ALONG
 COUNTY ROAD
 RIGHT-OF-WAY

INSTALL 3-INCH
 WATER LINE ALONG
 PRIVATE EASEMENT

INSTALL 3-INCH
 WATER LINE ALONG
 COUNTY ROAD
 RIGHT-OF-WAY

INSTALL NEW METER AND SETTING AND
 CONNECT TO EXISTING SERVICE LINE.

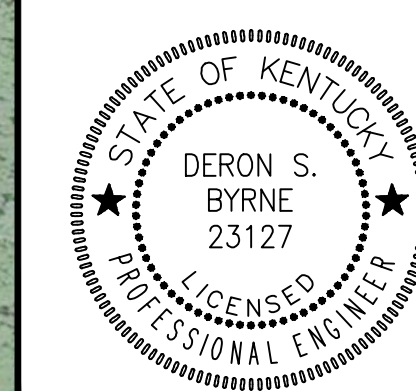
CUT & CAP EXISTING
 1-INCH SERVICE LINE

REMOVE EXISTING METER AND
 HAND OVER TO THE ASSOCIATION

EXISTING 1-INCH
 BYPASS METER

CUT & CAP EXISTING
 1-INCH SERVICE LINE

WATER SYSTEM IMPROVEMENTS
 WESTERN ROCKCASTLE WATER ASSOCIATION
 ROCKCASTLE COUNTY, KENTUCKY
 THREE OAKS WATER LINE EXTENSION




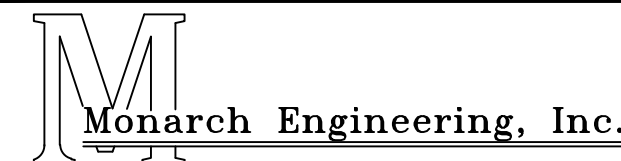
M
Monarch Engineering, Inc.
 556 CARLTON DRIVE
 LAWRENCEBURG, KY 40342

DRAWN BY: JRC	DATE: NOV 2019	REVISED	SHEET
CHECKED BY: JLM	SCALE: 1" = 100'		5
CHECKED BY: DSB	PROJECT: 1935		



**WATER SYSTEM IMPROVEMENTS
WESTERN ROCKCASTLE WATER ASSOCIATION
ROCKCASTLE COUNTY, KENTUCKY**

BOONE GAP AREA WATER LINE EXTENSION

	 Monarch Engineering, Inc. 556 CARLTON DRIVE LAWRENCEBURG, KY 40342		DATE: NOV 2019 SCALE: 1" = 100' PROJECT: 1935	REVISED SHEET 6
	DRAWN BY: JRC	CHECKED BY: JLM	PROJECT: 1935	SHEET
	CHECKED BY: DSB	PROJECT: 1935	SHEET	6