

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2020	68001-3251-14	U2-5

S.R. 13	PERRY CO.
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105  
RANDY J.  
& JOYCE  
ARMSTRONG

TDOT PROJ STA. 7022+50, MAINLINE 6" WATER LINE, END:  
MAKE CONNECTION HERE TO EXIST. 6" WATER LINE  
INSTALL:  
1 - 6" X 6" TAPPING SLEEVE & VALVE ASSEMBLY  
1 - HYDRANT ASSEMBLY  
CUT & CAP RETIRED WATER LINE  
FILL RETIRED 6" WATER LINE WITH GROUT.

## ROAD CROSSING

INSTALL:  
86 L.F. OF 12" STEEL CASING PIPE, (0.25" MIN.  
WALL THK.),  
w/6" R.J. D.I.P. CARRIER PIPE  
38 L.F. BY OPEN CUT  
48 L.F. BY BORE & JACK - SEE CROSS-SECTION  
TDOT STA. 724+50 - SHEET U2-14  
NOTE: 100 L.F. OF 6" R.J. D.I.P. TOTAL

RELOCATE & RECONNECT  
EXISTING WATER METER


68001-2251-14  
END PROJECT STP-13(45)  
STA. 732+75.00 (R.O.W.)  
N 517124.0720  
E 1431372.8319

TDOT PROJ STA. 733+15  
MAINLINE 8" WATER LINE, END: LOCATION "H"  
MAKE CONNECTION HERE TO EXISTING 8" WATER LINE  
INSTALL:  
1 - 8" X 8" TAPPING SLEEVE & VALVE ASSEMBLY  
1 - HYDRANT ASSEMBLY  
CUT & CAP RETIRED 8" WATER LINE  
FILL RETIRED WATER LINE WITH GROUT.

S.R. 13 CURVE 1	
P	722+83.84
N	516.094.6051
E	1,431,248.7932
Δ	38° 32' 18" (RT)
D	3' 19' 17"
R	1,725.00
L	1,160.27
T	603.04
E	102.37
L.C.	1,138.52
S.E.	0.0311
DESIGN SPEED	45 MPH
TRANS. LENGTH	137.5
PC	716+80.80
PT	728+41.07
BACK TAN	N31°57'39"W
AHEAD TAN	N06°34'39"W

S.R. 13 CURVE 2	
PI	731+34.52
N	516,985.1928
E	1,431,351.4832
Δ	2° 09' 42" (RT)
R	1° 00' 00"
D	5,730.00
L	216.18
T	108.10
E	1.02
L.C.	216.17
S.E.	RC
DESIGN SPEED	45 MPH
TRANS. LENGTH	137.5
PC	730+26.41
PT	732+42.59

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ENGINEER/ARCHITECT: JAMES W. HILBORN, IV

CONSTRUCTION COMPANY: MARBURY CONSTRUCTION, LLC

DATE: 7/14/2021

This document, originally issued, sealed and signed by James W. Hilborn, IV, Tennessee Professional Engineer No. 16514, on July 11, 2019, shall not be used in lieu of a certified document.

S.R.13 PERRY COUNTY  
LOCATION H

CITY OF LOBELVILLE  
S.R. 13 WATER RELOCATIONS

# WATER RELOCATIONS

**STA. 724+00 TO 733+15**

SCALE: 1" = 50'