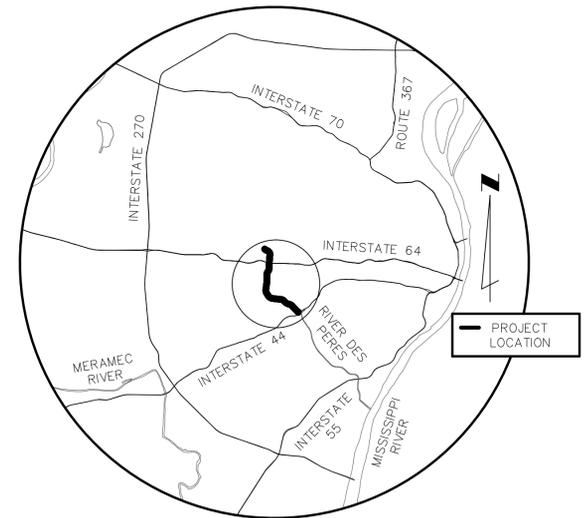


METROPOLITAN ST. LOUIS SEWER DISTRICT

DEER CREEK SANITARY TUNNEL (CLAYTON RD. TO RDP)



LOCATION MAP
NOT TO SCALE

- | | |
|-----------------------------------------|----------------------------------|
| A PUMP STATION
WET WELL SHAFT | D PENDLETON
DROP SHAFT |
| B DEER CREEK
DROP SHAFT | E LINDEN
DROP SHAFT |
| C BLACK CREEK
DROP SHAFT | F HADDINGTON
SHAFT |

CONFORM DOCUMENTS

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SEE DRAWING NUMBER
G2 FOR DRAWING LIST

Engineer Seal
THE SEAL THAT ORIGINALLY
APPEARED ON THIS
DOCUMENT WAS AUTHORIZED
BY EDWARD M. SWEET JR.,
P.E. NO. E-17987. THIS
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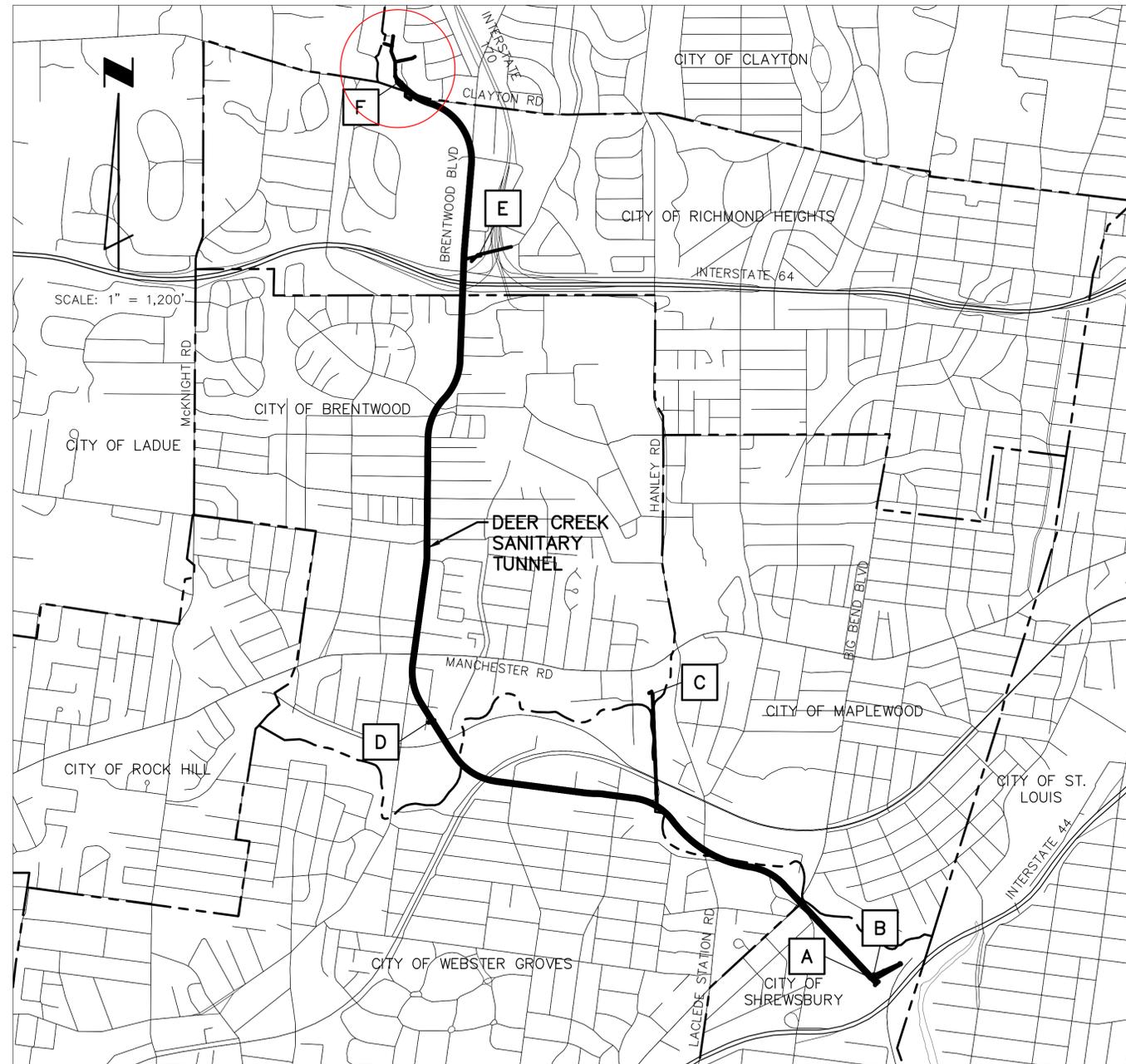
PARSONS WATER & INFRASTRUCTURE INC.
400 SOUTH WOODS MILL ROAD, SUITE 330
CHESTERFIELD, MISSOURI 63017-3427
PHONE: (314) 819-5010
ENGINEERING CERT. NO. 2003025986

REV.	DATE	DESCRIPTION	BY
METROPOLITAN ST. LOUIS SEWER DISTRICT			
DEER CREEK SANITARY TUNNEL (CLAYTON RD. TO RDP)			
11731-015.1			
CLAYTON TO SHREWSBURY ST. LOUIS COUNTY, MISSOURI			
Designed	C.W.W	Date	MAY 2016
Drawn	M.R.B.	Sheet No	1 of 148
Checked	E.M.S.		

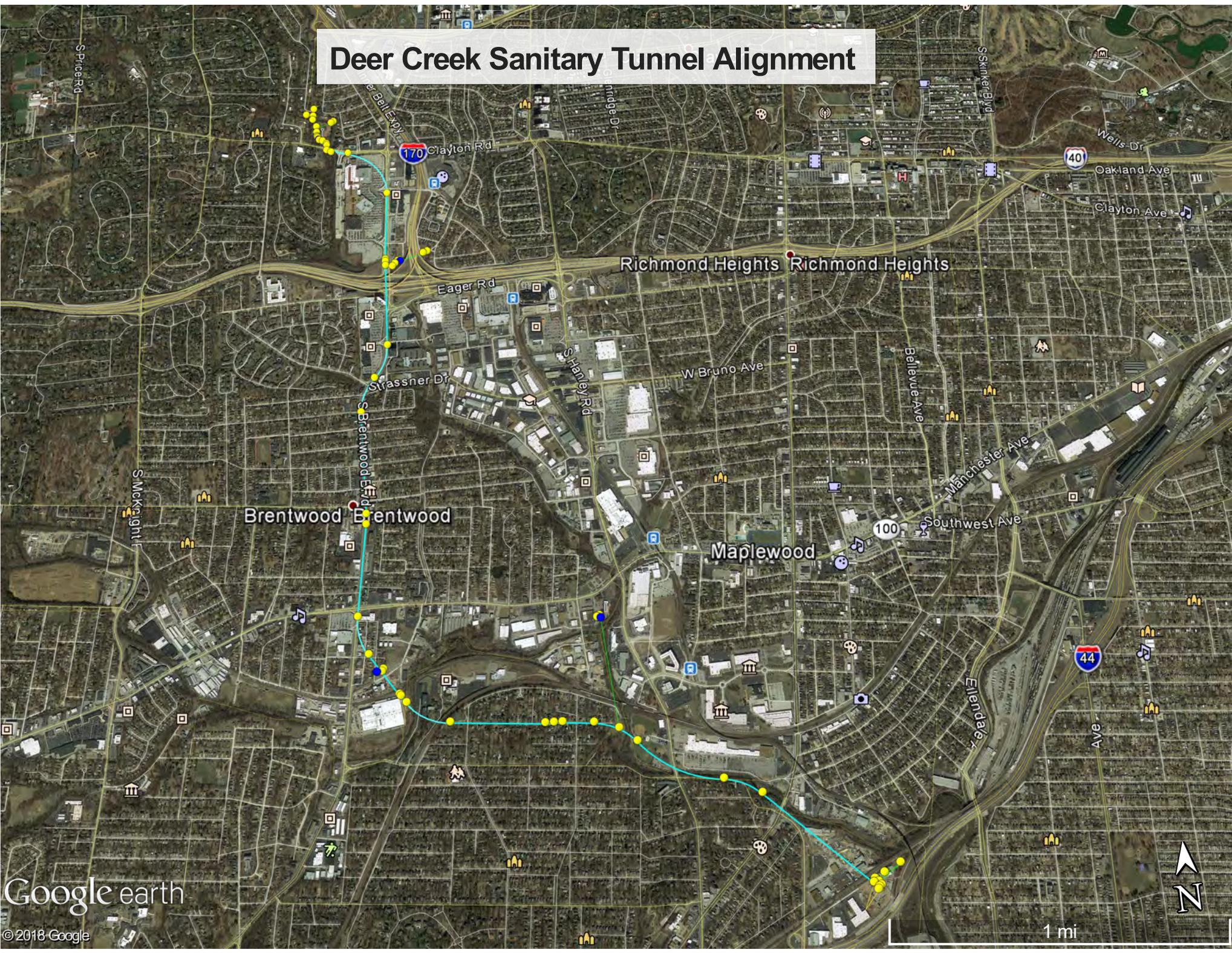
CONFORM DOCUMENT
ISSUED ON 03/06/2017

EXISTING		NEW
○	MANHOLE	●
◻	INLET MANHOLE	◻
□	INLET	■
▢	DOUBLE INLET	■
⌋	MULTIPLE INLET	■
○	MANHOLE DESIGNATOR	○
◻	INLET OR STRUCTURE DESIGNATOR	◻
◊	OUTLET OR FES DESIGNATOR	◊
◻	JUNCTION CHAMBER OR DIVERSION STRUCTURE OR DROP STRUCTURE DESIGNATOR	◻
---	CITY LIMITS LINE	---
---	PIPE 6" THRU 18"	---
---	PIPE 21" THRU 108"	---
---	EASEMENT LINE	---
-x-x-	FENCE	-x-x-
---	UNDERGROUND UTILITIES	---
---	FLOWLINE OF CREEK OR DITCH	---
---	GUARD RAIL	---
---	RAILROAD	---
+	TREE	
+	BUSH	
---	HEDGE ROW	---
▲	UTILITY METER OR VALVE	
●	POWER POLE	
●→	POWER POLE & GUY	
○	STREET SIGN	
●	FIRE HYDRANT	
⊕	LIGHT STANDARD	
⊠	MAIL BOX	
○	HOUSE VENT	
○	TRAFFIC SIGNAL	
⊠	UTILITY BOX	
△	CONTROL POINT/TRVERSE POINT	
◊	CONTROL POINT DESIGNATOR	
△	TRAVERSE POINT DESIGNATOR	
⊕	TEST HOLE	

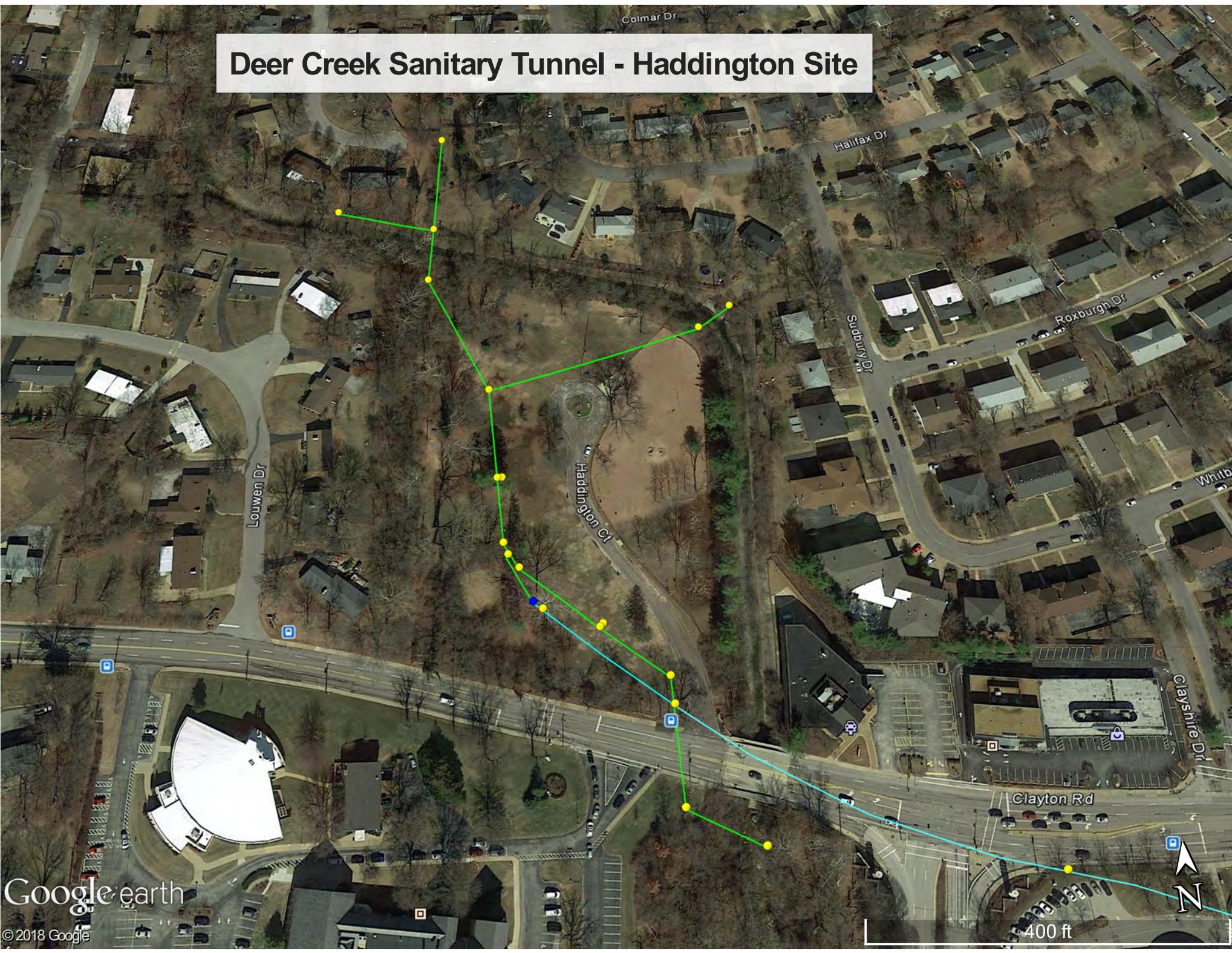
NOTE:
UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS. THEREFORE, THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE ALL UTILITIES LOCATED IN THE FIELD PRIOR TO EXCAVATION OR CONSTRUCTION.



Deer Creek Sanitary Tunnel Alignment

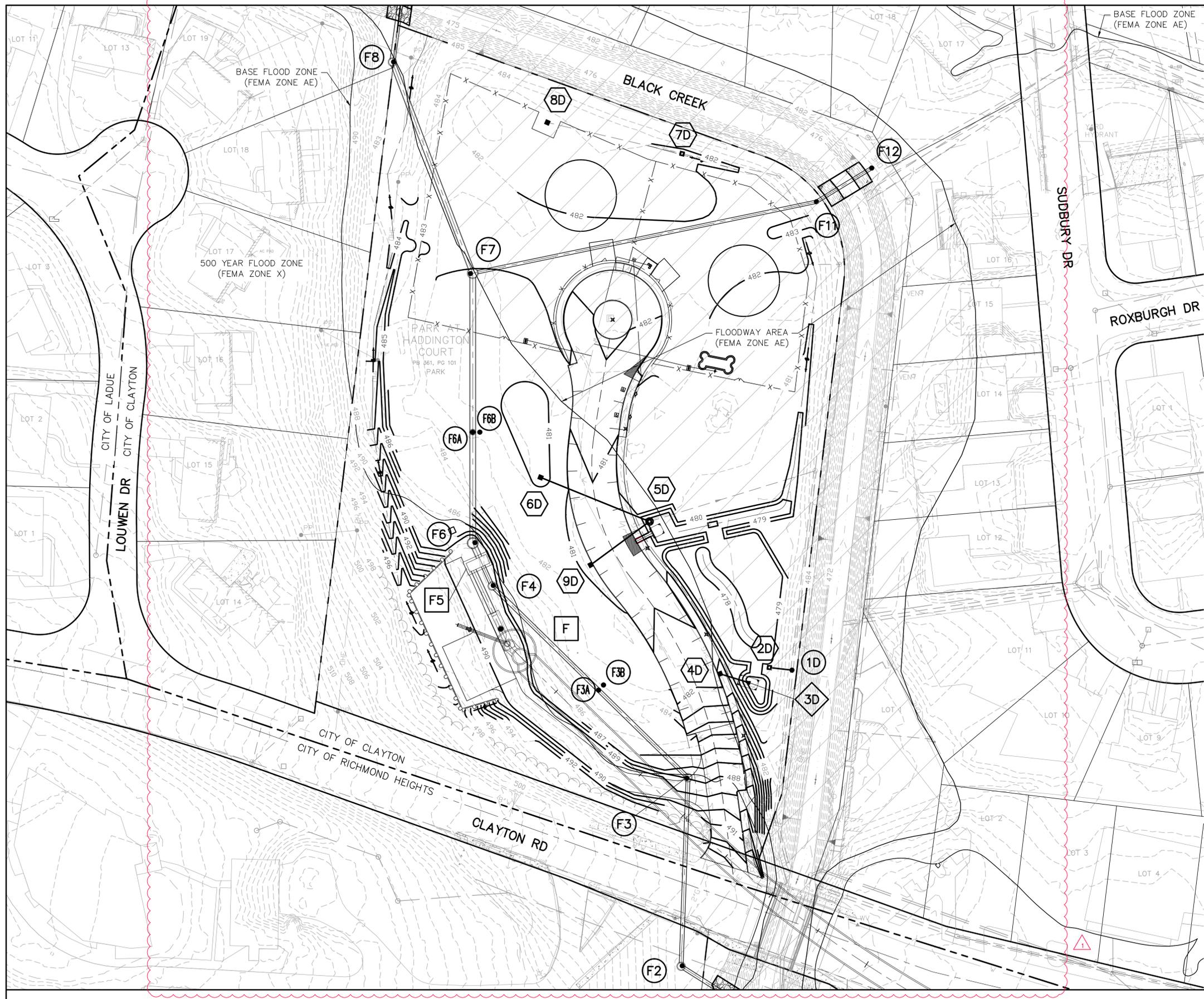


Deer Creek Sanitary Tunnel - Haddington Site

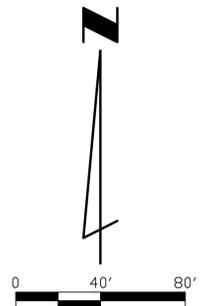


MSD - Deer Creek Project - Haddington Site

Work Activity	Start	Finish	Duration (Days)
Contractor Mobilization to Haddington Site	26-Nov-18	30-Nov-18	4
Haddington Site Preperation	30-Nov-18	21-Jan-19	52
Haddington Shaft Excavation	22-Jan-19	18-Jun-19	147
Haddington Site Sewer Line Work	21-Mar-19	21-Jul-20	488
Haddington Site Restoration	5-Aug-20	19-Feb-21	198
Contractor Demobilize from Haddington Site	22-Feb-21	19-Mar-21	25
Total Work Duration at Haddington Site	26-Nov-18	19-Mar-21	844



NEW STRUCTURE TABLE					
PT. #	I.D.	MSD ID #	NORTHING	EASTING	DESCRIPTION
1D			1021629.60	863220.59	NEW STORM MANHOLE
2D			1021631.84	863201.49	NEW STORM AREA INLET MH
3D			1021618.82	863185.14	NEW STORM PIPE END
4D			1021626.50	863159.69	NEW STORM CURB INLET
5D			1021754.89	863100.00	NEW 72" DIA STORM AI MH
6D			1021792.05	863007.72	NEW STORM AREA INLET
7D			1022064.94	863127.54	NEW STORM AREA INLET MH
8D			1022091.24	863013.47	NEW STORM AREA INLET
9D			1021718.33	863050.16	NEW STORM CURB INLET



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CHESTERFIELD, MISSOURI 63017-3427
PHONE: (314) 819-5010
ENGINEERING CERT. NO. 2003025986

REV. DATE	DESCRIPTION	BY
8/11/16	ADDENDUM 7	MRB

**METROPOLITAN
ST. LOUIS SEWER DISTRICT**
DEER CREEK SANITARY TUNNEL
(CLAYTON RD. TO RDP)
11731-015.1
CITIES OF CLAYTON & RICHMOND HEIGHTS
ST. LOUIS COUNTY, MISSOURI

Engineer Seal
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Designed	C.W.W.	Date	MAY 2016
Drawn	M.R.B.	Sheet No.	62 of 148
Checked	E.M.S.		