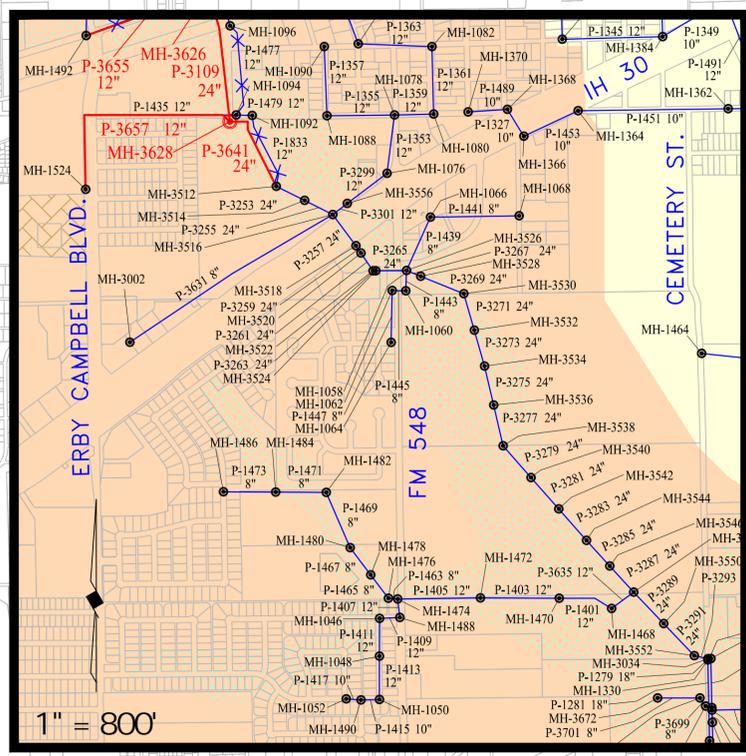
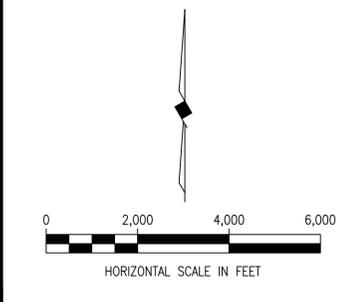


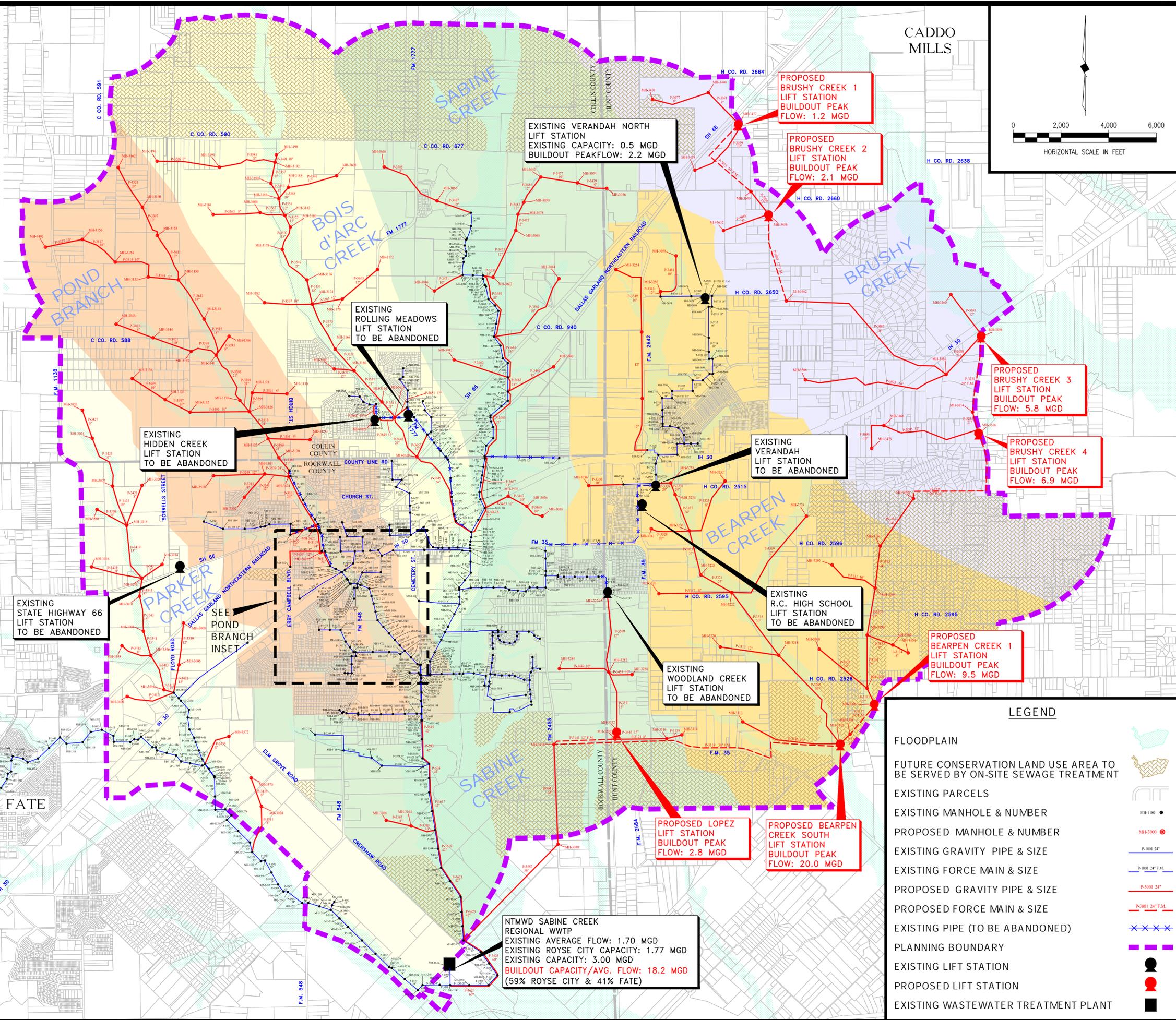
2019 WASTEWATER COLLECTION SYSTEM MASTER PLAN UPDATE

BIRKHOFF, HENDRICKS & CARTER, L.L.P.
 PROFESSIONAL ENGINEERS
 Dallas, Texas
 TPBE FIRM NO. 526
 MAY 2021

CADDO
MILLS



POND BRANCH INSET



EXISTING VERANDAH NORTH LIFT STATION
 EXISTING CAPACITY: 0.5 MGD
 BUILDOUT PEAKFLOW: 2.2 MGD

PROPOSED BRUSHY CREEK 1 LIFT STATION
 BUILDOUT PEAK FLOW: 1.2 MGD

PROPOSED BRUSHY CREEK 2 LIFT STATION
 BUILDOUT PEAK FLOW: 2.1 MGD

EXISTING ROLLING MEADOWS LIFT STATION
 TO BE ABANDONED

PROPOSED BRUSHY CREEK 3 LIFT STATION
 BUILDOUT PEAK FLOW: 5.8 MGD

PROPOSED BRUSHY CREEK 4 LIFT STATION
 BUILDOUT PEAK FLOW: 6.9 MGD

EXISTING HIDDEN CREEK LIFT STATION
 TO BE ABANDONED

EXISTING VERANDAH LIFT STATION
 TO BE ABANDONED

EXISTING STATE HIGHWAY 66 LIFT STATION
 TO BE ABANDONED

EXISTING R.C. HIGH SCHOOL LIFT STATION
 TO BE ABANDONED

PROPOSED BEARPEN CREEK 1 LIFT STATION
 BUILDOUT PEAK FLOW: 9.5 MGD

EXISTING WOODLAND CREEK LIFT STATION
 TO BE ABANDONED

PROPOSED LOPEZ LIFT STATION
 BUILDOUT PEAK FLOW: 2.8 MGD

PROPOSED BEARPEN CREEK SOUTH LIFT STATION
 BUILDOUT PEAK FLOW: 20.0 MGD

NTMWD SABINE CREEK REGIONAL WWTP
 EXISTING AVERAGE FLOW: 1.70 MGD
 EXISTING ROYSE CITY CAPACITY: 1.77 MGD
 EXISTING CAPACITY: 3.00 MGD
 BUILDOUT CAPACITY/AVG. FLOW: 18.2 MGD
 (59% ROYSE CITY & 41% FATE)

LEGEND

- FLOODPLAIN
- FUTURE CONSERVATION LAND USE AREA TO BE SERVED BY ON-SITE SEWAGE TREATMENT
- EXISTING PARCELS
- EXISTING MANHOLE & NUMBER
- PROPOSED MANHOLE & NUMBER
- EXISTING GRAVITY PIPE & SIZE
- EXISTING FORCE MAIN & SIZE
- PROPOSED GRAVITY PIPE & SIZE
- PROPOSED FORCE MAIN & SIZE
- EXISTING PIPE (TO BE ABANDONED)
- PLANNING BOUNDARY
- EXISTING LIFT STATION
- PROPOSED LIFT STATION
- EXISTING WASTEWATER TREATMENT PLANT

REVISIONS: 5/6/21 - GREENBOLD
 H:\Projects\Royse City\2018116 W&W Master Plan & Impact Fee Update 2019\Bases\Wg\Royse City 2019 MasterPlan.dwg PLOT SCALE: 1:1
 PLOTTED BY: COOPER REINBOLD ON 5/6/2021