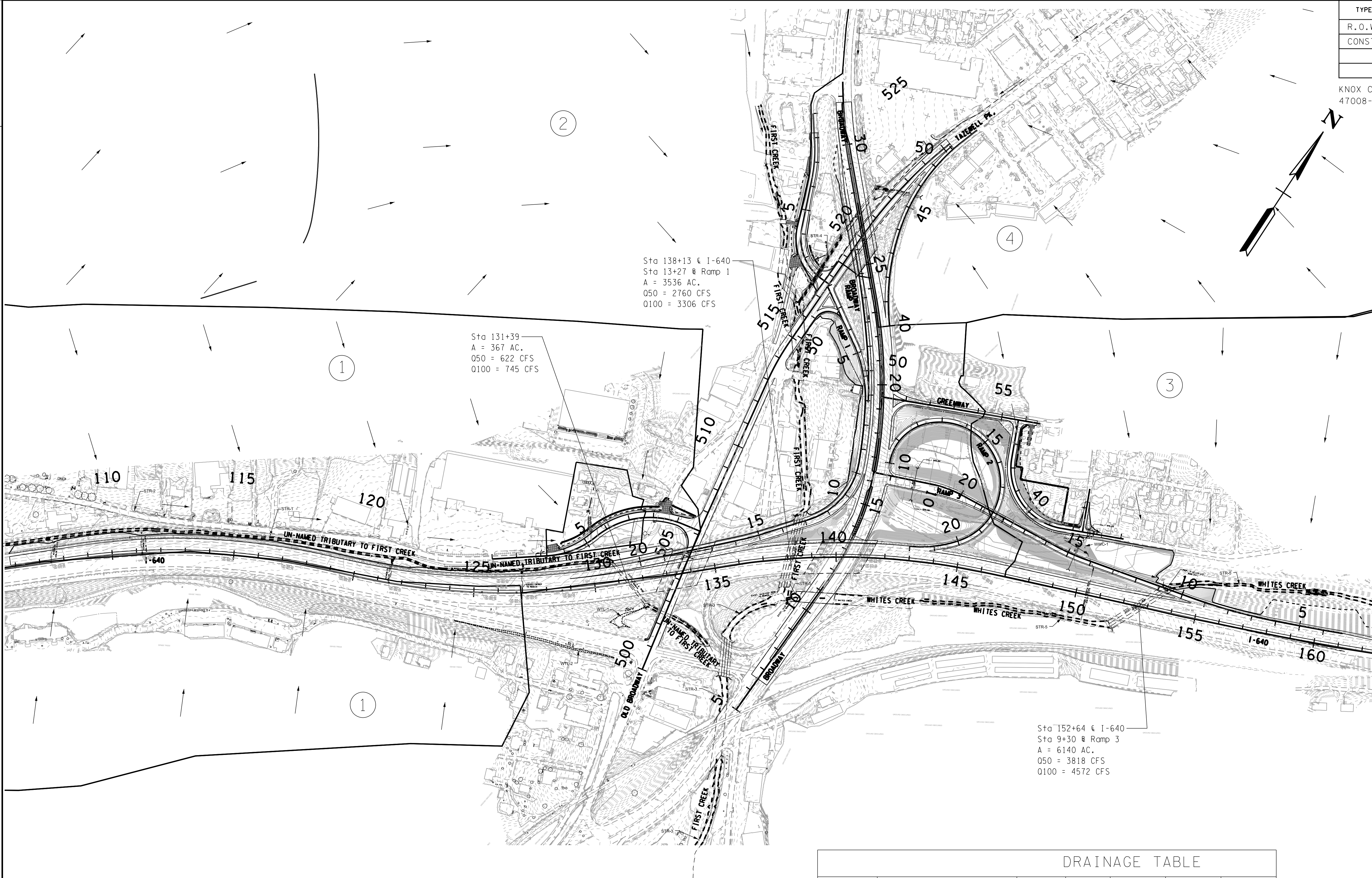


TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2014	NH-I-640-7(161)	17
CONST.	2015	NH-I-640-7(161)	17

KNOX CO.

47008-3150-44 (CONST.)

I-640



Sta 138+13 @ I-640
Sta 13+27 @ Ramp 1
A = 3536 AC.
Q50 = 2760 CFS
Q100 = 3306 CFS

Sta 131+39
A = 367 AC.
Q50 = 622 CFS
Q100 = 745 CFS

Sta 152+64 @ I-640
Sta 9+30 @ Ramp 3
A = 6140 AC.
Q50 = 3818 CFS
Q100 = 4572 CFS

DRAINAGE TABLE						
DRAINAGE AREA	STREAM NAME	AREA (ACRES)	I _{mp}	P _{2-yr}	Q(50) CFS	Q(100) CFS
1	FIRST CREEK TRIBUTARY	367	38%	3.07	622	745
2	FIRST CREEK	3536	*	*	3166 *	3515 *
3	WHITES CREEK	6140	*	*	1833 *	2159 *
4	FIRST CREEK TRIBUTARY	222	24%	3.07	354	424

* FLOW VALUES FROM CURRENT PUBLISHED HEC RAS MODEL.
HEC RAS MODEL AND HYDROLOGIC DATA BY OTHERS.

SEALED BY

COORDINATES ARE NAD/83(1995),
ARE DATUM ADJUSTED BY THE
FACTOR OF 1.0001 AND TIED TO
THE TGRN. ALL ELEVATIONS ARE
REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE MAP

SCALE: 1"= 200'