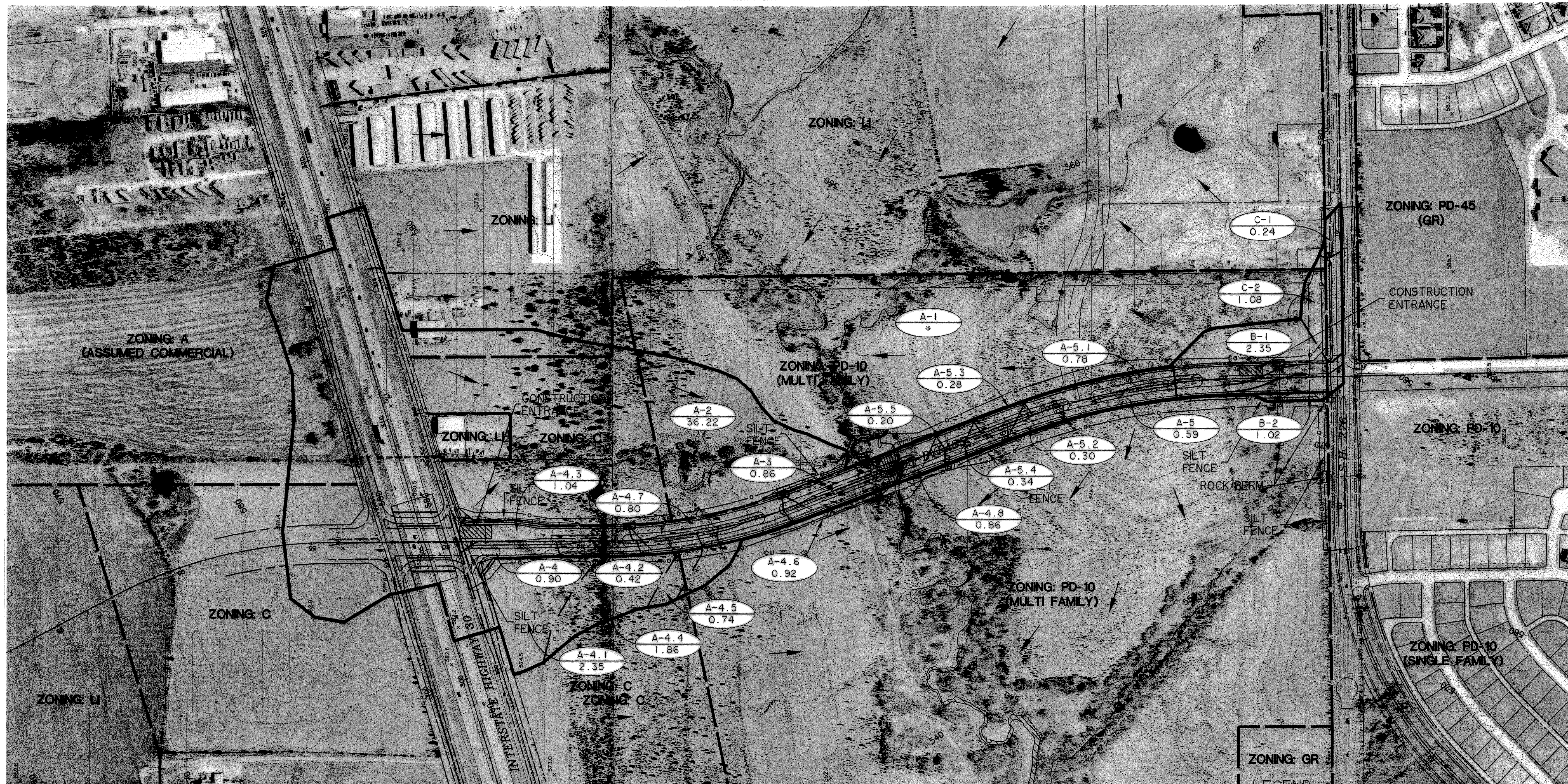
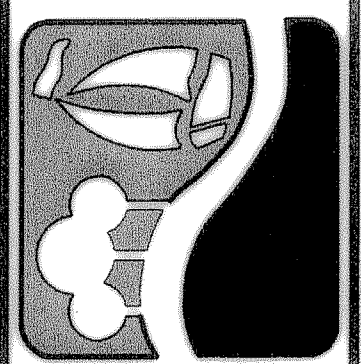


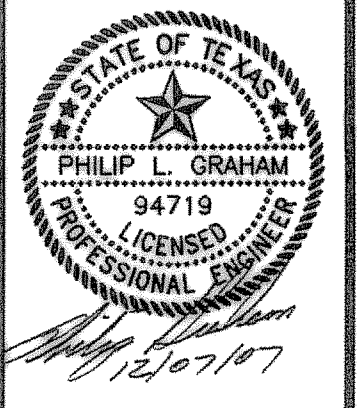
TIME 19:13 FILE: SWP3-MAP-Phase2-04141.dwg



PREPARED BY:
WIER & ASSOCIATES, INC.
 ENGINEERS SURVEYORS LAND PLANNERS
 4300 BELTWAY PLACE SUITE 130 ARLINGTON, TEXAS 76018 METRO (817)467-7700
 1380 U.S. HIGHWAY 287 N. SUITE 101 WAREFIELD, TEXAS 76063 METRO (817)477-8700
 6949 ELM STREET FRISCO, TEXAS 75034 METRO (214)387-8000
 www.wierassociates.com



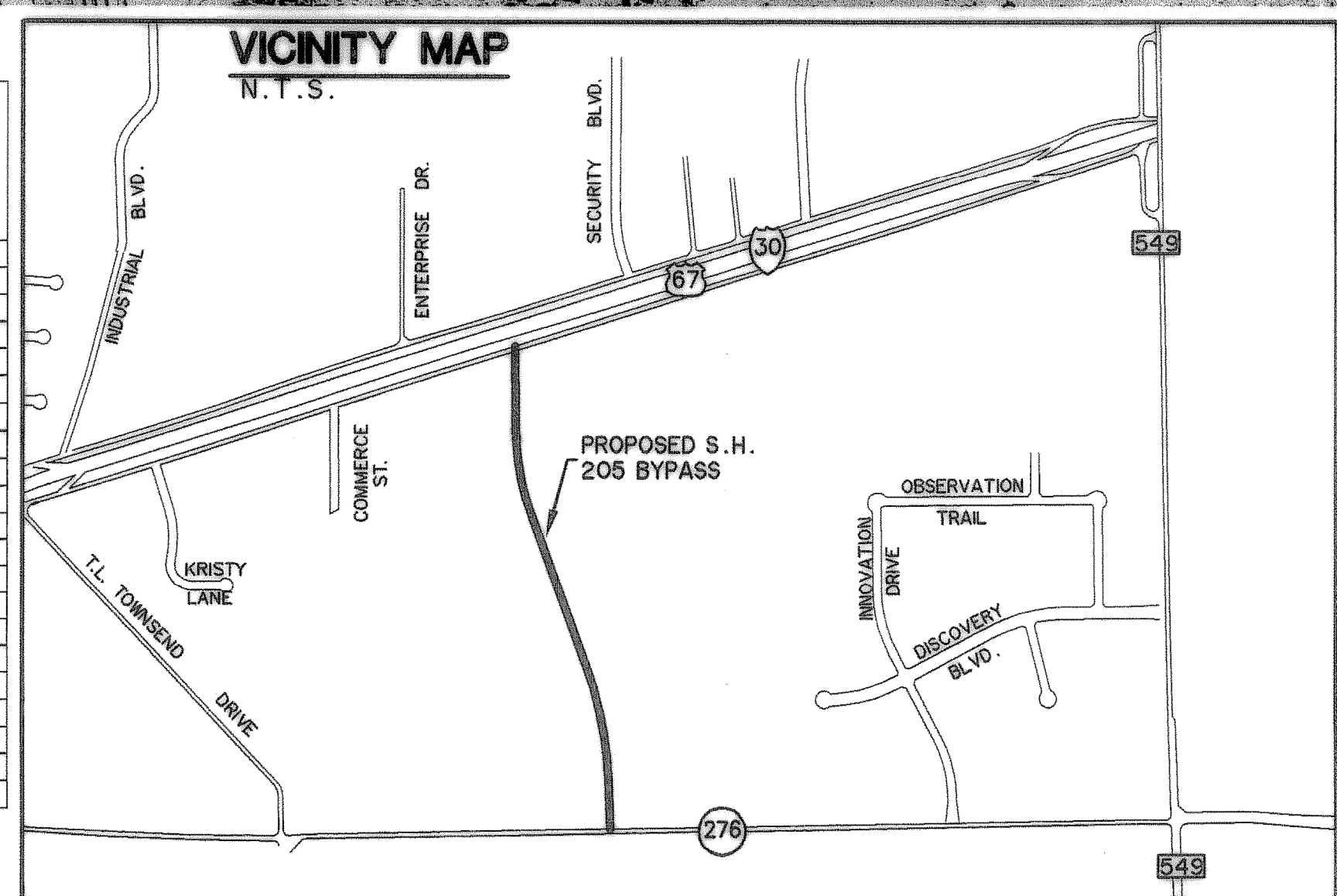
PHASE II S.H. 205 BYPASS
 FROM S.H. 276 TO INTERSTATE 30
 SWP3 - LAYOUT
 PLAN



COPYRIGHT ©
 WIER & ASSOCIATES, INC.
 LAST SHEET EDIT
 DATE 12-07-2007
 WA# 04141
SHEET NO. E101

S.H. 205 BYPASS DRAINAGE AREA CALCULATIONS TABLE

DRAINAGE AREA DESIGNATION	TOTAL AREA (ACRES)	C					C x A	tc (min.)	I (in./hr.) 2 YEAR STORM	Q (cfs) 2 YEAR STORM
		0.75	0.90	0.90	0.90	0.70				
A-2	36.22						31.67	13.9	4.66	147.6
A-3	0.86						0.77	10.0	5.43	4.2
A-4	0.90						0.81	10.0	5.43	4.4
A-4.1	2.35				2.35		2.12	10.0	5.43	11.5
A-4.2	0.42						0.39	10.0	5.43	2.1
A-4.3	1.04						0.94	10.0	5.43	5.1
A-4.4	1.86						1.67	10.0	5.43	9.1
A-4.5	0.74	0.13					0.65	10.0	5.43	3.5
A-4.6	0.92	0.43					0.76	10.0	5.43	4.1
A-4.7	0.80						0.72	10.0	5.43	3.9
A-4.8	0.86						0.77	10.0	5.43	4.2
A-5	0.59			1.86			0.53	10.0	5.43	2.9
A-5.1	0.78	0.01					0.70	10.0	5.43	3.8
A-5.2	0.30						0.27	10.0	5.43	1.5
A-5.3	0.28						0.25	10.0	5.43	1.4
A-5.4	0.34						0.31	10.0	5.43	1.7
A-5.5	0.20						0.18	10.0	5.43	1.0
B-1	2.35	1.49					1.89	10.0	5.43	10.3
B-2	1.02	0.12					0.90	10.0	5.43	4.9
C-1	0.24		0.02				0.22	10.0	5.43	1.2
C-2	1.08	0.50	0.04				0.90	10.0	5.43	4.9



- LEGEND
- DENOTES WATERSHED BOUNDARY
 - - - DENOTES MAJOR DRAINAGE AREA DIVIDE
 - . - . DENOTES MAJOR DRAINAGE AREA SUBDIVIDE
 - X-1 XX.XX DRAINAGE AREA DESIGNATION DRAINAGE AREA ACRES
 - INLET TREATMENT
 - ZONING BOUNDARY LINE
 - EXISTING CONTOUR
 - PROPOSED CONTOUR
 - //— SILT FENCE
 - LIMITS OF OPERATOR DAY TO DAY CONTROL
 - ROCK BERM

TPDES PERMIT No. _____
 N.O.I. SUBMITTAL DATE: _____
 OPERATOR / OWNER _____
 OPERATOR / CONTRACTOR _____

RECORD PLANS
 AUGUST 29, 2008