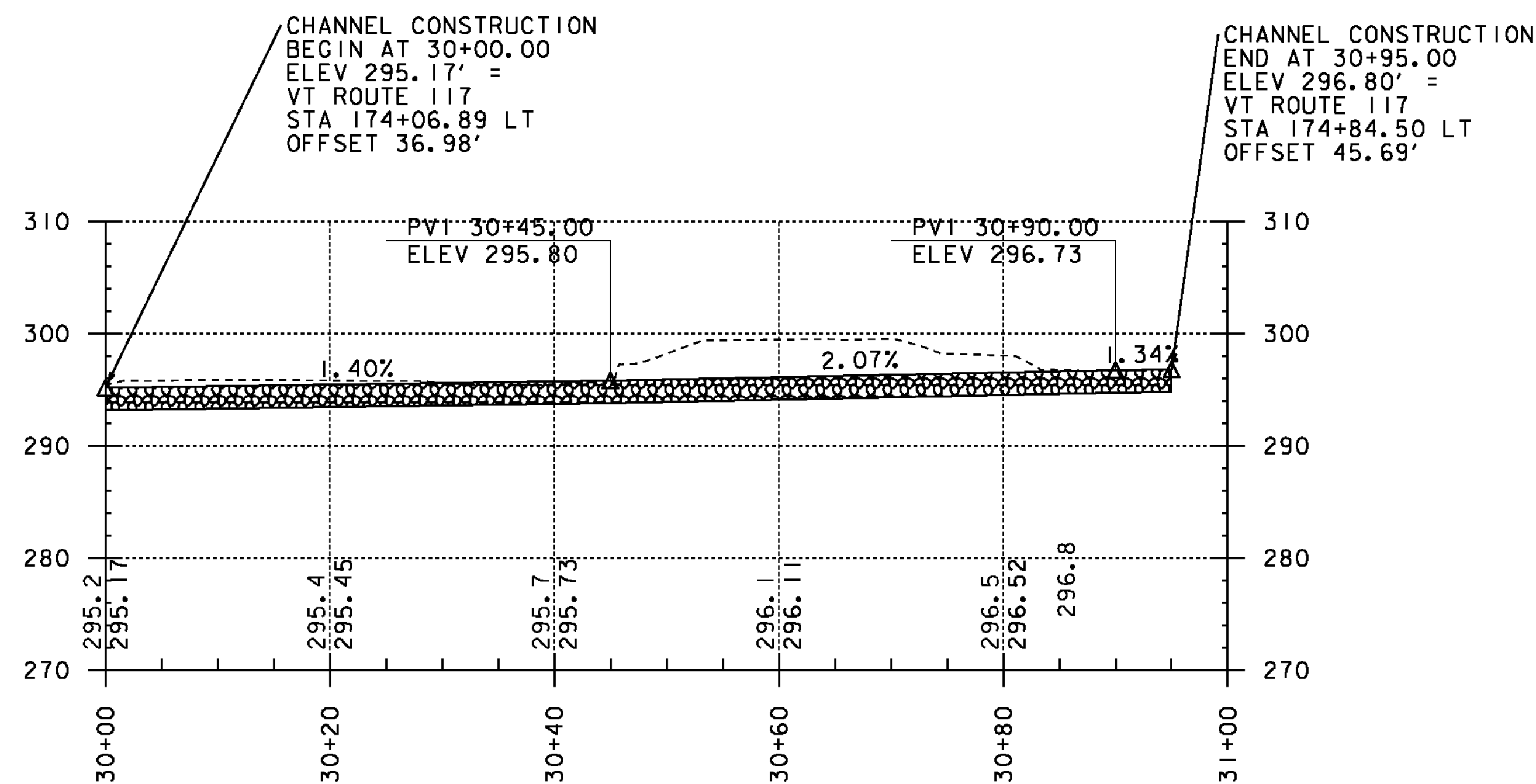


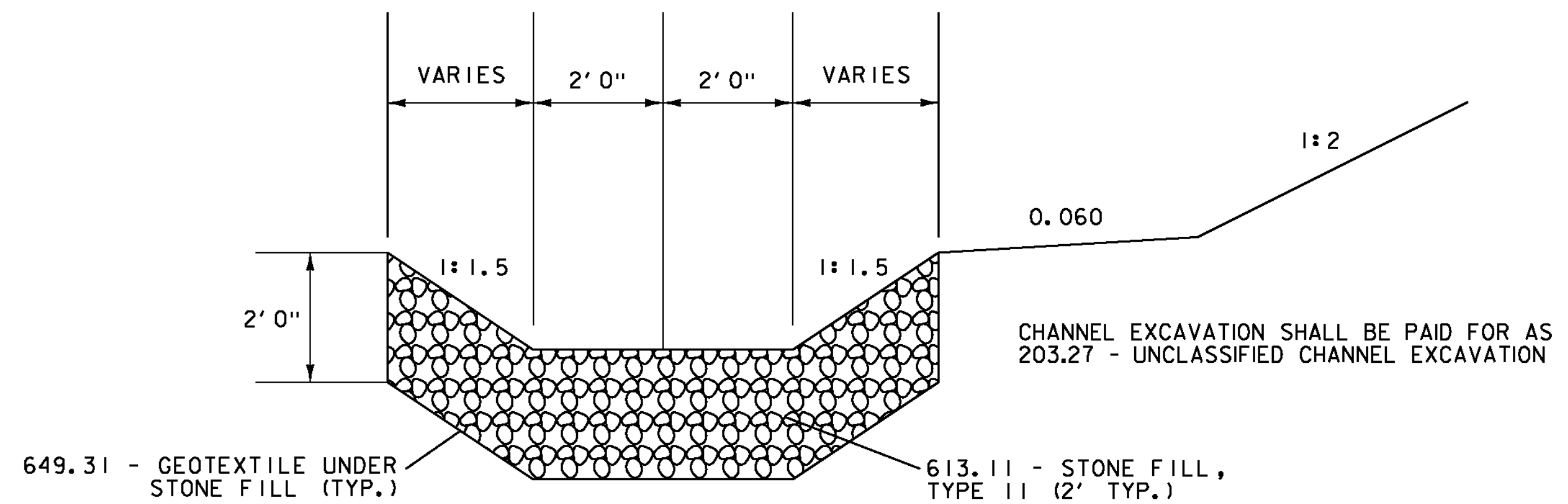
CHANNEL PLAN



CHANNEL PROFILE

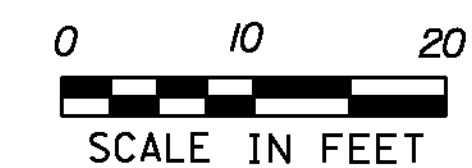
ALIGNMENT: PROPOSED CHANNEL				
ELEMENT	POINT	STATION	NORTHING	EASTING
LINEAR	POB	30+00.00	721837.5059	1497127.56
CURVE #1	PC	30+00.49	721837.9897	1497127.51
	PI	30+04.29	721841.7753	1497127.126
	PT	30+06.99	721843.1549	1497130.672
CURVE #2	PC	30+23.08	721848.988	1497145.665
	PI	30+28.46	721850.9383	1497150.678
	PT	30+33.59	721850.111	1497155.992
CURVE #3	PC	30+37.53	721849.5049	1497159.886
	PI	30+44.35	721848.4558	1497166.627
	PT	30+49.50	721854.3491	1497170.063
CURVE #4	PC	30+53.97	721858.212	1497172.315
	PI	30+57.20	721861.0018	1497173.942
	PT	30+59.71	721860.6665	1497177.154
CURVE #5	PC	30+65.36	721860.0799	1497182.774
	PI	30+68.93	721859.7091	1497186.326
	PT	30+71.56	721856.2289	1497187.127
CURVE #6	PC	30+74.32	721853.5408	1497187.746
	PI	30+85.59	721842.5548	1497190.276
	PT	30+89.58	721848.5699	1497199.811
LINEAR	POE	30+95.00	721851.4629	1497204.397

CURVE #1 DATA:	
RADIUS:	5.00'
Δ:	74° 32' 36.98" RT.
Dc:	1154° 54' 56.12"
LENGTH:	6.51'
TANGENT:	3.81'
CURVE #2 DATA:	
RADIUS:	20.00'
Δ:	30° 06' 20.73" RT.
Dc:	286° 28' 44.03"
LENGTH:	10.51'
TANGENT:	5.38'
CURVE #3 DATA:	
RADIUS:	10.00'
Δ:	68° 36' 09.71" LT.
Dc:	572° 57' 28.06"
LENGTH:	11.97'
TANGENT:	6.82'
CURVE #4 DATA:	
RADIUS:	5.00'
Δ:	65° 42' 53.08" RT.
Dc:	1145° 54' 56.12"
LENGTH:	5.73'
TANGENT:	3.23'
CURVE #5 DATA:	
RADIUS:	5.00'
Δ:	71° 04' 24.60" RT.
Dc:	1154° 54' 56.12"
LENGTH:	6.20'
TANGENT:	3.57'
CURVE #6 DATA:	
RADIUS:	8.00'
Δ:	109° 16' 43.43" LT.
Dc:	716° 11' 50.08"
LENGTH:	15.26'
TANGENT:	11.27'



TYPICAL CHANNEL SECTION

30+00.00 - 30+95.00  
VT ROUTE 117  
STA 174+06.89 LT - 174+84.50 LT  
NOT TO SCALE



PROJECT NAME: ESSEX TOWN  
PROJECT NUMBER: STP 5400 (5)

FILE NAME: +97d002+yp.dgn  
PROJECT LEADER: J. SCHULTZ  
DESIGNED BY: D. LYMAN  
CHANNEL RELOCATION DETAIL SHEET

PLOT DATE: 24-AUG-2012  
DRAWN BY: D. LYMAN  
CHECKED BY: J. DEVLIN  
SHEET 26 OF 64