

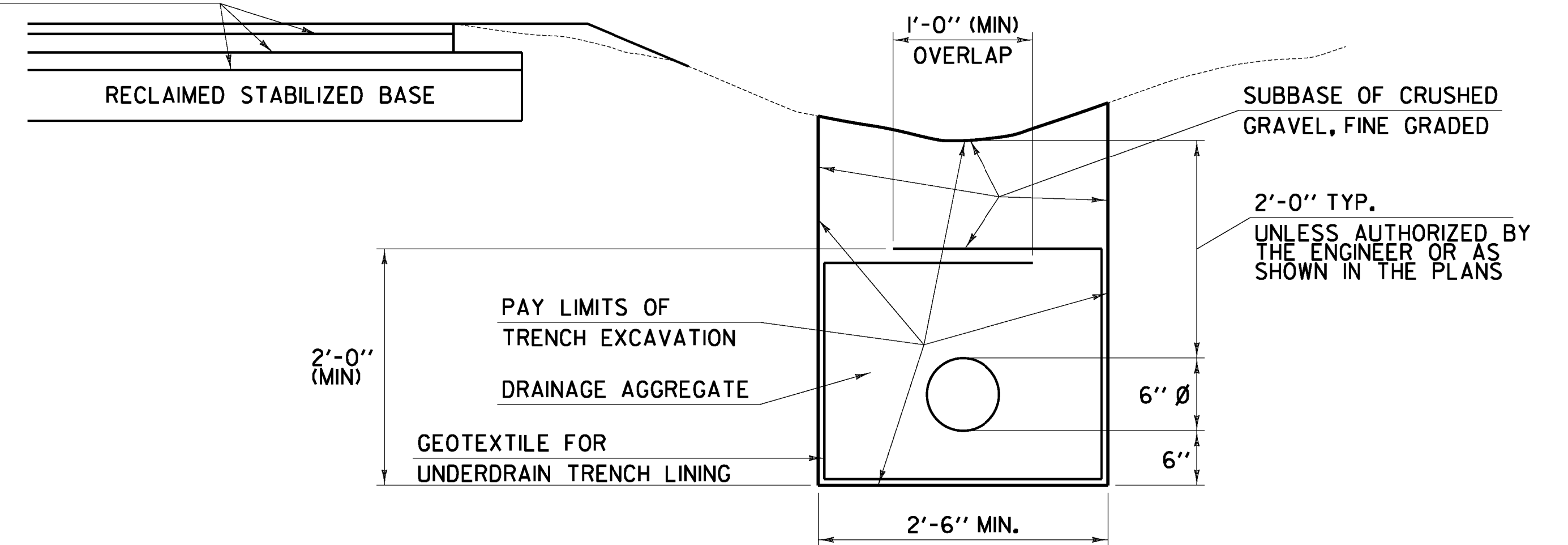
UNDERDRAIN TABLE

LOCATION				605.10	204.20	204.21	301.28	619.17	900.620	REMARKS
SITE	STA	STA	POS	6 INCH UD PIPE	TRENCH EXC. OF EARTH	TRENCH EXC. OF ROCK	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	YIELDING MARKER POSTS	SPECIAL PROVISION (CORING CONCRETE)	
LF	CY	CY	TON	EA	EA	EA	EA	EA	EA	
STOCKBRIDGE:										
	0+00.0	353+84.5	LT/RT					199		INLETS AND OUTLETS OF CULVERTS
1	17+13.3	19+13.0 19+91.0 21+00.0	RT	162	38.0	12.7	36.2	1	1	UNDERDRAIN OUTLET INVERT = 764.00
2	21+00.0	22+27.0 22+00.0	LT	100	23.5	7.8	18.2	1	-	UNDERDRAIN OUTLET INVERT = 792.31
3	23+00.0	19+87.0 27+55.0 27+50.0	RT	450	105.6	35.2	114.2	1	-	UNDERDRAIN OUTLET INVERT = 805.65
4	42+50.0	44+32.3	RT	182	42.8	14.3	48.4	1	1	UNDERDRAIN OUTLET INVERT = 786.59
5	44+75.0	47+41.5	RT	267	62.6	20.9	77.2	1	1	UNDERDRAIN OUTLET INVERT = 782.21
6	47+50.0	49+79.5 51+00.0 53+00.0	RT	230	53.9	18.0	65.8	1	-	UNDERDRAIN OUTLET INVERT = 778.37
7	51+25.0	53+09.8	RT	185	43.4	14.5	48.4	1	1	UNDERDRAIN OUTLET INVERT = 769.03
8	53+25.0	55+37.5	RT	213	49.9	16.6	64.6	3	1	UNDERDRAIN OUTLET INVERT = 761.00
9	85+24.9	87+00.0	RT	175	41.1	13.7	69.4	1	1	UNDERDRAIN OUTLET INVERT = 706.00
10	89+50.0	91+23.0 91+25.7	RT	108	41.2	13.7	89.0	1	1	UNDERDRAIN OUTLET INVERT = 706.50
11	91+25.7	93+00.0	RT	174	40.9	13.6	79.2	1	1	UNDERDRAIN OUTLET INVERT = 706.48
12	93+50.0	97+20.2	RT	370	86.9	29.0	134.4	1	1	UNDERDRAIN OUTLET INVERT = 704.45
13	98+00.0	100+23.5	RT	224	52.5	17.5	90.4	1	1	UNDERDRAIN OUTLET INVERT = 704.04
14	100+23.5	102+09.0 102+00.0 108+18.0	RT	177	41.4	13.8	59.6	1	1	UNDERDRAIN OUTLET INVERT = 703.07
15	105+00.0	108+19.5	RT	320	75.0	25.0	113.6	1	1	UNDERDRAIN OUTLET INVERT = 701.20
16	108+19.5	111+22.6	RT	303	71.1	23.7	80.6	1	2	UNDERDRAIN OUTLET INVERT = 701.46 UNDERDRAIN OUTLET INVERT = 700.88
17	111+25.0	113+00.0	RT	175	41.6	13.9	53.6	1	1	UNDERDRAIN OUTLET INVERT = 702.42
18	115+17.8	117+66.7	RT	249	58.4	19.5	86.0	1	1	UNDERDRAIN OUTLET INVERT = 702.64 UNDERDRAIN OUTLET INVERT = 702.72
19	117+70.0	121+47.0 118+00.0 121+48.8	RT	377	81.9	27.3	168.0	1	1	UNDERDRAIN OUTLET INVERT = 701.41
20	121+48.8	125+50.0 124+50.0	RT	301	70.7	23.6	87.6	1	1	UNDERDRAIN OUTLET INVERT = 703.00
21A	126+15.2	126+15.0 126+15.0	RT	185	43.4	14.5	59.2	1	1	UNDERDRAIN OUTLET INVERT = 703.97
22	140+00.0	142+46.0 142+49.9	RT	250	58.7	19.6	83.2	1	1	UNDERDRAIN OUTLET INVERT = 746.20
23	179+26.0	179+19.0 180+65.0 180+89.0	RT	163	38.3	12.8	55.2	1	1	UNDERDRAIN OUTLET INVERT = 682.02
24A	181+00.0	181+40.0 181+50.0	RT	60						
24	181+00.0	185+06.4	RT	406	95.4	31.8	101.6	1	1	UNDERDRAIN OUTLET INVERT = 677.19
25A	203+25.0	206+28.0	RT	303						
25	206+27.8	211+00.0	RT	462	108.5	36.2	140.6	1	1	UNDERDRAIN OUTLET INVERT = 691.32
26	214+40.0	214+38.0 217+00.0	RT	260	61.0	20.3	61.2	1	-	UNDERDRAIN OUTLET INVERT = 754.32
27	293+21.0	293+23.0 295+03.0 295+05.6	RT	185	43.3	14.4	48.8	1	2	UNDERDRAIN OUTLET INVERT = 597.23 UNDERDRAIN OUTLET INVERT = 598.26
28A	295+06.0	295+85.0	RT	77						
28B	295+05.6	297+53.0 297+55.4	RT	250	58.6	19.5	59.0	1	2	UNDERDRAIN OUTLET INVERT = 598.26 UNDERDRAIN OUTLET INVERT = 598.50
28C	297+55.0		RT	10						
29	301+00.0	302+77.0 302+75.0	RT	175	41.1	13.7	15.2	1	-	UNDERDRAIN OUTLET INVERT = 597.77
STOCKBRIDGE SUBTOTAL:				7,120.0	1,670.7	557.1	2,208.4	230	27	

UNDERDRAIN TABLE

LOCATION				605.10	204.20	204.21	301.28	619.17	900.620	REMARKS
SITE	STA	STA	POS	6 INCH UD PIPE	TRENCH EXC. OF EARTH	TRENCH EXC. OF ROCK	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	YIELDING MARKER POSTS	SPECIAL PROVISION (CORING CONCRETE)	
LF	CY	CY	TON	EA	EA	EA	EA	EA	EA	
BETHEL:										
	0+00.0	170+28.0	LT/RT					99		INLETS AND OUTLETS OF CULVERTS
30	B 20+50.0	B 22+64.9	RT	209	50.4	16.8	73.2	1	1	UNDERDRAIN OUTLET INVERT = 573.97
31	B 23+00.0	B 24+78.0	RT	178	41.8	13.9	63.8	1	1	UNDERDRAIN OUTLET INVERT = 572.97
32	B 27+40.1	B 32+00.0	RT	460	107.9	36.0	137.0	1	-	UNDERDRAIN OUTLET INVERT = 573.42
33	B 32+53.5	B 36+00.0	RT	347	81.3	27.1	91.0	1	1	UNDERDRAIN OUTLET INVERT = 586.15
34	B 46+30.2	B 52+50.0	RT	620	145.5	48.5	167.2	1	1	UNDERDRAIN OUTLET INVERT = 589.90
35	B 131+61.7	B 133+20.6	RT	159	37.3	12.4	45.0	1	-	UNDERDRAIN OUTLET INVERT = 579.78 UNDERDRAIN OUTLET INVERT = 580.21
36	B 133+50.0	B 136+89.2	RT	339	79.6	26.5	104.6	1	-	UNDERDRAIN OUTLET INVERT = 573.00
37	B 137+00.0	B 140+92.0	RT	392	92.0	30.7	106.6	1	-	UNDERDRAIN OUTLET INVERT = 560.87
BETHEL SUBTOTAL:				2,710.0	635.9	211.9	788.4	107	4	
PROJECT SUBTOTAL:				9,830.0	2,306.6	769.0	2,996.8	337	31	
ROUNDING:				170.0	-	-	-	13	-	
PROJECT TOTALS:				10,000.0	2,306.6	769.0	2,996.8	350	31	
31A	B 23+00.0	B 24+76.0	RT	176	41.8	13.9	63.8	1	1	UNDERDRAIN OUTLET INVERT = 572.97
31B	B 24+79.0	B 26+30.0	RT	151						
32A	B 27+40.1	B 20+12.0	RT	171	107.9	36.0	137.0	1	-	UNDERDRAIN OUTLET INVERT = 573.42
32B	B 29+67.0	B 32+00.0	RT	238						
33	B 32+49.0	B 32+55.0	RT	346	81.3	27.1	91.0	1	1	UNDERDRAIN OUTLET INVERT = 586.15

PAVEMENT LAYERS



UNDERDRAIN DETAIL

UNDERDRAIN NOTES

1. GEOTEXTILE FOR UNDERDRAIN TRENCH LINING SHALL NOT BE PLACED AROUND UNDERDRAIN WHEN COVER ABOVE PIPE IS LESS THAN 1 FOOT.
2. DRAINAGE AGGREGATE SHALL MEET THE REQUIREMENTS OF SUBSECTION 704.16.
3. GEOTEXTILE FOR UNDERDRAIN TRENCH LINING AND DRAINAGE AGGREGATE ARE INCLUDED IN THE UNIT PRICE BID FOR PAY ITEM 605.10 6 INCH UNDERDRAIN PIPE.

UNDERDRAIN DETAIL SHEET	PROJECT NAME: STOCKBRIDGE-BETHEL
	PROJECT NUMBER: STP 2910(1)
	FILE NAME: z10b214_udr_01.dgn
	IPARM FILE: z10b214udr01.i
	PLOT DATE: 3/17/2014
	DRAWN BY: W.G.P.
	CHECKED BY: J.P.S.
	SHEET 28 OF 397